

Schema documentation for 131_2.0.0.20260107.xsd

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Namespace: "http://www.ih0.int/S131/2.0"

Schema(s)

Main schema 131_2.0.0.20260107.xsd

Namespace	http://www.ih0.int/S131/2.0
Properties	attribute form default: unqualified element form default: qualified version: 2.0.0-20260107

Element(s)

Element bearingInformationType / cardinalDirection

Namespace	http://www.ih0.int/S131/2.0						
Diagram	<pre> classDiagram cardinalDirection < -- bearingInformation_cardinalDirectionType cardinalDirection < -- bearingInformation_cardinalDirectionLabel cardinalDirection < -- code code < -- bearingInformation_cardinalDirectionCode note over cardinalDirection: Restricted values of cardinalDirection in bearingInformation </pre>						
Type	bearingInformation_cardinalDirectionType						
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • bearingInformation_cardinalDirectionLabel • bearingInformation_cardinalDirectionType 						
Properties	content: complex minOccurs: 0 maxOccurs: 1						
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>bearingInformation_cardinalDirectionCode</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	code	bearingInformation_cardinalDirectionCode	required
QName	Type	Use					
code	bearingInformation_cardinalDirectionCode	required					

Element bearingInformationType / distance

Namespace	http://www.ih0.int/S131/2.0
Diagram	<pre> classDiagram distance < -- distanceType note over distance: A numeric measure of the spatial separation between two locations. </pre>
Type	distanceType
Properties	content: simple minOccurs: 0 maxOccurs: 1

Element bearingInformationType / information

Namespace	http://www.ih0.int/S131/2.0
-----------	-----------------------------

Diagram	<pre> classDiagram class informationType { fileLocator : fileLocatorType fileReference : fileReferenceType headline <--> headlineType language : languageType text : textType } class information { Type informationType } information <--> informationType </pre>						
Type	informationType						
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">complex</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">0</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">unbounded</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Model	fileLocator{0,1} , fileReference{0,1} , headline* , language{0,1} , text{0,1}						

Element informationType / fileLocator

Namespace	http://www.ih0.int/S131/2.0						
Diagram	<pre> classDiagram class fileLocator { Type fileLocatorType } class fileLocatorType </pre>						
Type	fileLocatorType						
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">simple</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">0</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">1</td></tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						

Element informationType / fileReference

Namespace	http://www.ih0.int/S131/2.0						
Diagram	<pre> classDiagram class fileReference { Type fileReferenceType } class fileReferenceType </pre>						
Type	fileReferenceType						
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">simple</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">0</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">1</td></tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						

Element informationType / headline

Namespace	http://www.ih0.int/S131/2.0						
Diagram	<pre> classDiagram class headline { Type headlineType } class headlineType </pre>						
Type	headlineType						
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">simple</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">0</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">unbounded</td></tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	unbounded
content:	simple						
minOccurs:	0						
maxOccurs:	unbounded						

Element informationType / language

Namespace	http://www.ihc.int/S131/2.0						
Diagram							
Type	languageType						
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						

Element informationType / text

Namespace	http://www.ihc.int/S131/2.0						
Diagram							
Type	textType						
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						

Element bearingInformationType / orientation

Namespace	http://www.ihc.int/S131/2.0						
Diagram							
Type	orientationType						
Properties	<table> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Model	orientationUncertainty{0,1} , orientationValue						

Element orientationType / orientationUncertainty

Namespace	http://www.ihc.int/S131/2.0						
Diagram							
Type	orientationUncertaintyType						
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Facets	<table> <tr> <td>maxExclusive</td> <td>360.000</td> </tr> <tr> <td>minInclusive</td> <td>0.000</td> </tr> </table>	maxExclusive	360.000	minInclusive	0.000		
maxExclusive	360.000						
minInclusive	0.000						

Element orientationType / orientationValue

Namespace	http://www.ihc.int/S131/2.0	
Annotations	Is nullable	
Diagram		
Type	orientationValueType	
Properties	content:	simple
	minOccurs:	1
	maxOccurs:	1
	nillable:	true
Facets	maxInclusive	360.0
	minInclusive	0.0

Element cargoServicesDescriptionType / textContent

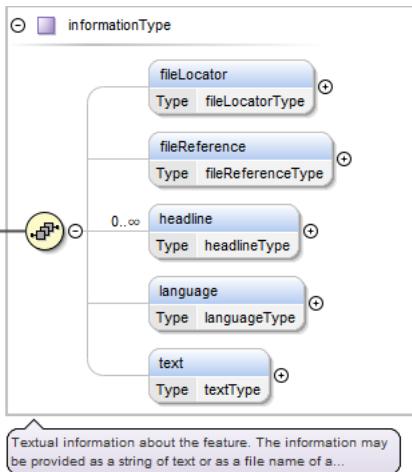
Namespace	http://www.ihc.int/S131/2.0	
Diagram		
Type	textContentType	
Properties	content: complex minOccurs: 1 maxOccurs: unbounded	
Model	categoryOfText{0,1} , information* , onlineResource{0,1} , sourceIndication*	

Element textContentType / categoryOfText

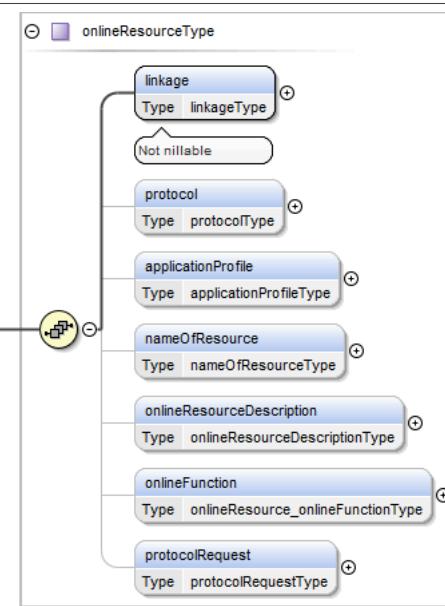
Namespace	http://www.ihc.int/S131/2.0	
Diagram		
Type	textContent_categoryOfTextType	
Type hierarchy	<ul style="list-style-type: none"> • xs:string • textContent_categoryOfTextLabel 	

	<ul style="list-style-type: none"> textContent_categoryOfTextType 						
Properties	<table border="1"> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Attributes	<table border="1"> <thead> <tr> <th>QName</th><th>Type</th><th>Use</th></tr> </thead> <tbody> <tr> <td>code</td><td>textContent_categoryOfTextCode</td><td>required</td></tr> </tbody> </table>	QName	Type	Use	code	textContent_categoryOfTextCode	required
QName	Type	Use					
code	textContent_categoryOfTextCode	required					

Element `textContentType / information`

Namespace	http://www.ih0.int/S131/2.0						
Diagram							
Type	informationType						
Properties	<table border="1"> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> <tr> <td>maxOccurs:</td><td>unbounded</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Model	fileLocator{0,1} , fileReference{0,1} , headline* , language{0,1} , text{0,1}						

Element `textContentType / onlineResource`

Namespace	http://www.ih0.int/S131/2.0
Diagram	

Type	onlineResourceType
Properties	content: complex minOccurs: 0 maxOccurs: 1
Model	linkage , protocol{0,1} , applicationProfile{0,1} , nameOfResource{0,1} , onlineResourceDescription{0,1} , onlineFunction{0,1} , protocolRequest{0,1}

Element onlineResourceType / linkage

Namespace	http://www.ih0.int/S131/2.0
Annotations	Not nullable
Diagram	<pre> graph LR linkage[linkage] --> linkageType[linkageType] style linkage fill:#e0f2e0 style linkageType fill:#d9eaf7 </pre> <p>The diagram shows the <code>linkage</code> element (highlighted in light blue) connected to the <code>linkageType</code> element (highlighted in light purple). A callout box indicates that <code>linkage</code> is <code>Not nullable</code>. Another callout box provides the definition: <code>Location (address) for online access using a URL/URI address or similar addressing scheme.</code></p>
Type	linkageType
Properties	content: simple minOccurs: 1 maxOccurs: 1

Element onlineResourceType / protocol

Namespace	http://www.ih0.int/S131/2.0
Diagram	<pre> graph LR protocol[protocol] --> protocolType[protocolType] style protocol fill:#e0f2e0 style protocolType fill:#d9eaf7 </pre> <p>The diagram shows the <code>protocol</code> element (highlighted in light blue) connected to the <code>protocolType</code> element (highlighted in light purple). A callout box provides the definition: <code>Connection protocol to be used. Example: ftp, http get KVP, http POST, etc.</code></p>
Type	protocolType
Properties	content: simple minOccurs: 0 maxOccurs: 1

Element onlineResourceType / applicationProfile

Namespace	http://www.ih0.int/S131/2.0
Diagram	<pre> graph LR applicationProfile[applicationProfile] --> applicationProfileType[applicationProfileType] style applicationProfile fill:#e0f2e0 style applicationProfileType fill:#d9eaf7 </pre> <p>The diagram shows the <code>applicationProfile</code> element (highlighted in light blue) connected to the <code>applicationProfileType</code> element (highlighted in light purple). A callout box provides the definition: <code>Name of an application profile that can be used with the online resource.</code></p>
Type	applicationProfileType
Properties	content: simple minOccurs: 0 maxOccurs: 1

Element onlineResourceType / nameOfResource

Namespace	http://www.ih0.int/S131/2.0
Diagram	<pre> graph LR nameOfResource[nameOfResource] --> nameOfResourceType[nameOfResourceType] style nameOfResource fill:#e0f2e0 style nameOfResourceType fill:#d9eaf7 </pre> <p>The diagram shows the <code>nameOfResource</code> element (highlighted in light blue) connected to the <code>nameOfResourceType</code> element (highlighted in light purple). A callout box provides the definition: <code>Name of the online resource.</code></p>
Type	nameOfResourceType
Properties	content: simple minOccurs: 0

maxOccurs:	1
------------	---

Element onlineResourceType / onlineResourceDescription

Namespace	http://www.ihodata.org/S131/2.0						
Diagram	<pre> classDiagram class onlineResourceDescription { <<onlineResourceDescriptionType>> } class onlineResourceDescriptionType { <<Detailed text description of what the online resource is/does.>> } onlineResourceDescription "0..1" --> "1..1" onlineResourceDescriptionType </pre>						
Type	onlineResourceDescriptionType						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						

Element onlineResourceType / onlineFunction

Namespace	http://www.ihodata.org/S131/2.0						
Diagram	<pre> classDiagram class onlineFunction { <<onlineFunctionType>> } class onlineResource_onlineFunctionType { <<Base Type onlineResource_onlineFunctionLabel @ code>> onlineResource_onlineFunctionLabel @ code } onlineFunction "0..1" --> "1..1" onlineResource_onlineFunctionType </pre>						
Type	onlineResource_onlineFunctionType						
Type hierarchy	<ul style="list-style-type: none"> • xs:string • onlineResource_onlineFunctionLabel • onlineResource_onlineFunctionType 						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>onlineResource_onlineFunctionCode</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	code	onlineResource_onlineFunctionCode	required
QName	Type	Use					
code	onlineResource_onlineFunctionCode	required					

Element onlineResourceType / protocolRequest

Namespace	http://www.ihodata.org/S131/2.0						
Diagram	<pre> classDiagram class protocolRequest { <<protocolRequestType>> } class protocolRequestType { <<Request used to access the resource. Structure and content depend on the protocol and standard used by the online...>> } protocolRequest "0..1" --> "1..1" protocolRequestType </pre>						
Type	protocolRequestType						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						

Element textContentType / sourceIndication

Namespace	http://www.ihodata.org/S131/2.0
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Diagram	<pre> classDiagram sourceIndicationType < -- sourceIndication sourceIndicationType { categoryOfAuthority : sourceIndication_categoryOfAuthorityType countryName : countryNameType source : sourceType sourceType : sourceIndication_sourceTypeType reportedDate : reportedDateType <<0..>> featureName : featureNameType } </pre> <p>Information about the source document, publication, or reference from which object data or textual material included or...</p>						
Type	sourceIndicationType						
Properties	<table border="1"> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> <tr> <td>maxOccurs:</td><td>unbounded</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Model	categoryOfAuthority{0,1} , countryName{0,1} , source{0,1} , sourceType{0,1} , reportedDate{0,1} , featureName*						

Element sourceIndicationType / categoryOfAuthority

Namespace	http://www.ihc.int/S131/2.0						
Diagram	<pre> classDiagram sourceIndication_categoryOfAuthorityType { sourceIndication_categoryOfAuthorityLabel @code : sourceIndication_categoryOfAuthorityCode } </pre> <p>Restricted values of sourceIndication/categoryOfAuthority</p> <p>Restricted values of categoryOfAuthority in sourceIndication</p>						
Type	sourceIndication_categoryOfAuthorityType						
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • sourceIndication_categoryOfAuthorityLabel • sourceIndication_categoryOfAuthorityType 						
Properties	<table border="1"> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>sourceIndication_categoryOfAuthorityCode</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	code	sourceIndication_categoryOfAuthorityCode	required
QName	Type	Use					
code	sourceIndication_categoryOfAuthorityCode	required					

Element sourceIndicationType / countryName

Namespace	http://www.ihc.int/S131/2.0
Diagram	<pre> classDiagram countryName < -- countryNameType </pre> <p>The name of a nation.</p>

Type	countryNameType						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						

Element sourceIndicationType / source

Namespace	http://www.aho.int/S131/2.0						
Diagram	<p>The publication, document, or reference work from which information comes or is acquired.</p>						
Type	sourceType						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						

Element sourceIndicationType / sourceType

Namespace	http://www.aho.int/S131/2.0						
Diagram	<p>sourceIndication_sourceTypeType Base Type sourceIndication_sourceTypeLabel</p> <p>sourceIndication_sourceTypeLabel Restricted values of sourceIndication/sourceType</p> <p>Attributes @ code Type sourceIndication_sourceTypeCode</p> <p>Restricted values of sourceType in sourceIndication</p>						
Type	sourceIndication_sourceTypeType						
Type hierarchy	<ul style="list-style-type: none"> xs:string <ul style="list-style-type: none"> sourceIndication_sourceTypeLabel sourceIndication_sourceTypeType 						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>sourceIndication_sourceTypeCode</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	code	sourceIndication_sourceTypeCode	required
QName	Type	Use					
code	sourceIndication_sourceTypeCode	required					

Element sourceIndicationType / reportedDate

Namespace	http://www.aho.int/S131/2.0
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Diagram							
Type	reportedDateType						
Type hierarchy	<ul style="list-style-type: none"> • S100_TrimmedDate <ul style="list-style-type: none"> • reportedDateType 						
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">complex</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">0</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">1</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Model	gDay gMonth gYear gMonthDay gYearMonth date						

Element sourceIndicationType / featureName

Namespace	http://www.ihc.int/S131/2.0						
Diagram							
Type	featureNameType						
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">complex</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">0</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">unbounded</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Model	language , name , nameUsage{0,1}						

Element featureNameType / language

Namespace	http://www.ihc.int/S131/2.0
Annotations	Not nullable
Diagram	

Type	languageType
Properties	content: simple minOccurs: 1 maxOccurs: 1

Element featureNameType / name

Namespace	http://www.aho.int/S131/2.0
Annotations	Not nullable
Diagram	
Type	nameType
Properties	content: simple minOccurs: 1 maxOccurs: 1

Element featureNameType / nameUsage

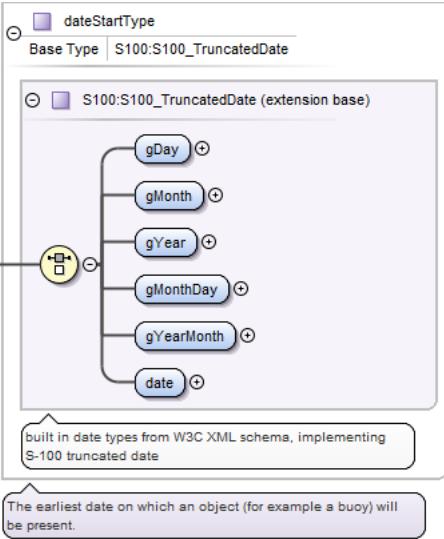
Namespace	http://www.aho.int/S131/2.0						
Diagram							
Type	featureName_nameUsageType						
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • featureName_nameUsageLabel • featureName_nameUsageType 						
Properties	content: complex minOccurs: 0 maxOccurs: 1						
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>featureName_nameUsageCode</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	code	featureName_nameUsageCode	required
QName	Type	Use					
code	featureName_nameUsageCode	required					

Element constructionInformationType / fixedDateRange

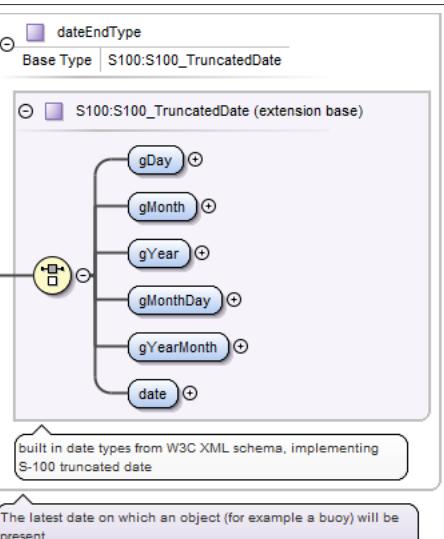
Namespace	http://www.aho.int/S131/2.0
Diagram	

Type	fixedDateRangeType
Properties	content: complex minOccurs: 0 maxOccurs: 1
Model	dateStart{0,1} , dateEnd{0,1}

Element fixedDateRangeType / dateStart

Namespace	http://www.ihc.int/S131/2.0
Diagram	 <p>The earliest date on which an object (for example a buoy) will be present.</p>
Type	dateStartType
Type hierarchy	<ul style="list-style-type: none"> • S100_TrimmedDate • dateStartType
Properties	content: complex minOccurs: 0 maxOccurs: 1
Model	gDay gMonth gYear gMonthDay gYearMonth date

Element fixedDateRangeType / dateEnd

Namespace	http://www.ihc.int/S131/2.0
Diagram	
Type	dateEndType

Type hierarchy	<ul style="list-style-type: none"> S100_TruncatedDate <ul style="list-style-type: none"> dateEndType
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Model	gDay gMonth gYear gMonthDay gYearMonth date

Element constructionInformationType / condition

Namespace	http://www.aho.int/S131/2.0							
Diagram	<pre> classDiagram class constructionInformation_conditionType { constructionInformation_conditionLabel code } class constructionInformation_conditionLabel class code </pre>							
Type	constructionInformation_conditionType							
Type hierarchy	<ul style="list-style-type: none"> xs:string <ul style="list-style-type: none"> constructionInformation_conditionLabel constructionInformation_conditionType 							
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>							
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>constructionInformation_conditionCode</td> <td>required</td> </tr> </tbody> </table>		QName	Type	Use	code	constructionInformation_conditionCode	required
QName	Type	Use						
code	constructionInformation_conditionCode	required						

Element constructionInformationType / development

Namespace	http://www.aho.int/S131/2.0	
Annotations	Is nullable	
Diagram	<pre> classDiagram class developmentType { <<Is nullable>> <<Describes a feature that is in development>> } </pre>	
Type	developmentType	
Properties	<p>content: simple</p> <p>minOccurs: 1</p> <p>maxOccurs: 1</p> <p>nillable: true</p>	

Element constructionInformationType / locationByText

Namespace	http://www.aho.int/S131/2.0	
Diagram	<pre> classDiagram class locationByTextType { <<A textual rendering of a geographic location>> } </pre>	

Type	locationByTextType
Properties	content: simple minOccurs: 0 maxOccurs: 1

Element constructionInformationType / textContent

Namespace	http://www.aho.int/S131/2.0
Diagram	<pre> classDiagram class textContentType { categoryOfText : textContent_categoryOfTextType information : informationType onlineResource : onlineResourceType sourceIndication : sourceIndicationType } textContent < -- textContentType textContentType < -- textContent </pre>
Type	textContentType
Properties	content: complex minOccurs: 0 maxOccurs: unbounded
Model	categoryOfText{0,1} , information* , onlineResource{0,1} , sourceIndication*

Element contactAddressType / deliveryPoint

Namespace	http://www.aho.int/S131/2.0
Diagram	<pre> classDiagram class deliveryPointType { deliveryPoint : deliveryPointType } deliveryPoint < -- deliveryPointType </pre>
Type	deliveryPointType
Properties	content: simple minOccurs: 0 maxOccurs: unbounded

Element contactAddressType / cityName

Namespace	http://www.aho.int/S131/2.0
Diagram	<pre> classDiagram class cityNameType { cityName : cityNameType } cityName < -- cityNameType </pre>
Type	cityNameType
Properties	content: simple minOccurs: 0 maxOccurs: 1

Element contactAddressType / administrativeDivision

Namespace	http://www.aho.int/S131/2.0

Diagram							
Type	administrativeDivisionType						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						

Element contactAddressType / countryName

Namespace	http://www.ihc.int/S131/2.0						
Diagram							
Type	countryNameType						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						

Element contactAddressType / postalCode

Namespace	http://www.ihc.int/S131/2.0						
Diagram							
Type	postalCodeType						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						

Element depthsDescriptionType / categoryOfDepthsDescription

Namespace	http://www.ihc.int/S131/2.0				
Annotations	Is nullable				
Diagram					
Type	depthsDescription_categoryOfDepthsDescriptionType				
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • depthsDescription_categoryOfDepthsDescriptionLabel • depthsDescription_categoryOfDepthsDescriptionType 				
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	1
content:	complex				
minOccurs:	1				

	maxOccurs:	1	
	nillable:	true	
Attributes	QName	Type	Use
	code	depthsDescription_category-OfDepthsDescriptionCode	required

Element depthsDescriptionType / textContent

Namespace	http://www.ihc.int/S131/2.0						
Diagram	<pre> classDiagram class textContent { <<textContentType>> } class textContentType { <<textContentType>> categoryOfText information onlineResource sourceIndication } textContent "0..1" --> "1" textContentType textContentType <<Textual material, or a pointer to a resource providing textual material. May be accompanied by basic information about...>> </pre>						
Type	textContentType						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	minOccurs:	1	maxOccurs:	unbounded
content:	complex						
minOccurs:	1						
maxOccurs:	unbounded						
Model	categoryOfText{0,1} , information* , onlineResource{0,1} , sourceIndication*						

Element facilitiesLayoutDescriptionType / textContent

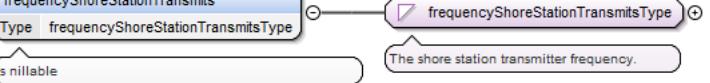
Namespace	http://www.ihc.int/S131/2.0						
Diagram	<pre> classDiagram class textContent { <<textContentType>> } class textContentType { <<textContentType>> categoryOfText information onlineResource sourceIndication } textContent "0..1" --> "1" textContentType textContentType <<Textual material, or a pointer to a resource providing textual material. May be accompanied by basic information about...>> </pre>						
Type	textContentType						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	minOccurs:	1	maxOccurs:	unbounded
content:	complex						
minOccurs:	1						
maxOccurs:	unbounded						
Model	categoryOfText{0,1} , information* , onlineResource{0,1} , sourceIndication*						

Element frequencyPairType / frequencyShoreStationReceives

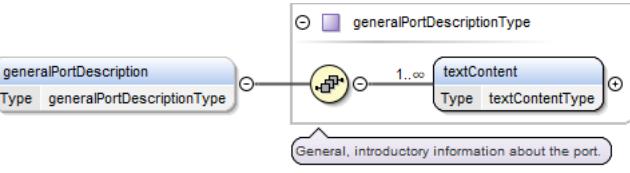
Namespace	http://www.ihc.int/S131/2.0
Diagram	<pre> classDiagram class frequencyShoreStationReceives { <<frequencyShoreStationReceivesType>> } class frequencyShoreStationReceivesType { <<The shore station receiver frequency.>> } frequencyShoreStationReceives "0..1" --> "1" frequencyShoreStationReceivesType </pre>

Type	frequencyShoreStationReceivesType
Properties	content: simple minOccurs: 0 maxOccurs: 1
Facets	minExclusive 0

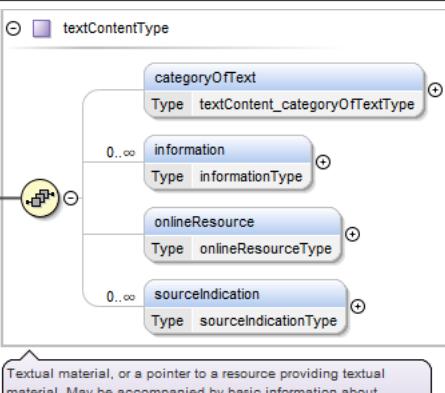
Element frequencyPairType / frequencyShoreStationTransmits

Namespace	http://www.ih0.int/S131/2.0
Annotations	Is nullable
Diagram	 <pre> classDiagram class frequencyShoreStationTransmits { <<frequencyShoreStationTransmits>> <<Type frequencyShoreStationTransmitsType>> } class frequencyShoreStationTransmitsType { <<frequencyShoreStationTransmitsType>> <<The shore station transmitter frequency.>> } frequencyShoreStationTransmits "0..1" --> "1..1" frequencyShoreStationTransmitsType frequencyShoreStationTransmitsType &lt;&lt;Is nullable&gt;&gt; </pre>
Type	frequencyShoreStationTransmitsType
Properties	content: simple minOccurs: 1 maxOccurs: 1 nillable: true
Facets	minExclusive 0

Element generalHarbourInformationType / generalPortDescription

Namespace	http://www.ih0.int/S131/2.0
Diagram	 <pre> classDiagram class generalPortDescription { <<generalPortDescription>> <<Type generalPortDescriptionType>> } class generalPortDescriptionType { <<generalPortDescriptionType>> <<General, introductory information about the port.>> } generalPortDescription "0..1" --> "1..oo" generalPortDescriptionType generalPortDescriptionType "1..oo" --> "textContent" generalPortDescriptionType &lt;&lt;textContent>&gt; </pre>
Type	generalPortDescriptionType
Properties	content: complex minOccurs: 0 maxOccurs: 1
Model	textContent+

Element generalPortDescriptionType / textContent

Namespace	http://www.ih0.int/S131/2.0
Diagram	 <pre> classDiagram class textContent { <<textContent>> <<Type textContentType>> } class textContentType { <<textContentType>> <<Textual material, or a pointer to a resource providing textual material. May be accompanied by basic information about...>> } textContent "0..1" --> "categoryOfText" textContent "0..1" --> "information" textContent "0..1" --> "onlineResource" textContent "0..1" --> "sourceIndication" categoryOfText "0..1" --> "textContentType" information "0..1" --> "textContentType" onlineResource "0..1" --> "textContentType" sourceIndication "0..1" --> "textContentType" </pre>
Type	textContentType
Properties	content: complex

	minOccurs:	1
	maxOccurs:	unbounded
Model	categoryOfText{0,1} , information* , onlineResource{0,1} , sourceIndication*	

Element generalHarbourInformationType / facilitiesLayoutDescription

Namespace	http://www.ihc.int/S131/2.0						
Diagram	<pre> classDiagram class facilitiesLayoutDescriptionType { <<facilitiesLayoutDescription>> <<Type facilitiesLayoutDescriptionType>> } class textContent { <<textContent>> <<Type textContentType>> } facilitiesLayoutDescriptionType "1..>> textContent </pre> <p>Textual description of the layout of port facilities.</p>						
Type	facilitiesLayoutDescriptionType						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Model	textContent+						

Element generalHarbourInformationType / limitsDescription

Namespace	http://www.ihc.int/S131/2.0						
Diagram	<pre> classDiagram class limitsDescriptionType { <<limitsDescription>> <<Type limitsDescriptionType>> } class textContent { <<textContent>> <<Type textContentType>> } limitsDescriptionType "1..>> textContent </pre> <p>Description of the area covered by the information specified.</p>						
Type	limitsDescriptionType						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Model	textContent+						

Element limitsDescriptionType / textContent

Namespace	http://www.ihc.int/S131/2.0						
Diagram	<pre> classDiagram class textContentType { <<textContent>> <<Type textContentType>> } class categoryOfText { <<categoryOfText>> <<Type textContent_categoryOfTextType>> } class information { <<information>> <<Type informationType>> } class onlineResource { <<onlineResource>> <<Type onlineResourceType>> } class sourceIndication { <<sourceIndication>> <<Type sourceIndicationType>> } textContentType "0..>> categoryOfText textContentType "0..>> information textContentType "0..>> onlineResource textContentType "0..>> sourceIndication </pre> <p>Textual material, or a pointer to a resource providing textual material. May be accompanied by basic information about...</p>						
Type	textContentType						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	minOccurs:	1	maxOccurs:	unbounded
content:	complex						
minOccurs:	1						
maxOccurs:	unbounded						

Model	categoryOfText{0,1} , information* , onlineResource{0,1} , sourceIndication*
-------	--

Element generalHarbourInformationType / constructionInformation

Namespace	http://www.ihodata.org/S131/2.0						
Diagram	<pre> classDiagram class constructionInformationType { fixedDateRange : fixedDateRangeType condition : constructionInformation_conditionType development : developmentType locationByText : locationByTextType textContent : textContentType } class constructionInformation { <> constructionInformationType } constructionInformation < -- constructionInformationType </pre> <p>A description of construction or other development in a location where the work will affect vessel operations such as...</p>						
Type	constructionInformationType						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Model	fixedDateRange{0,1} , condition{0,1} , development , locationByText{0,1} , textContent*						

Element generalHarbourInformationType / cargoServicesDescription

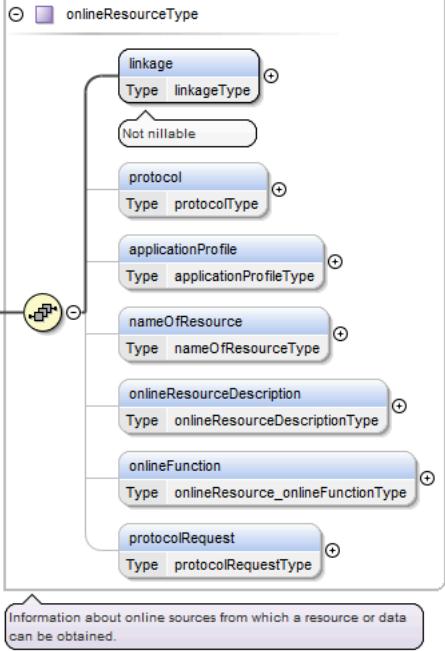
Namespace	http://www.ihodata.org/S131/2.0						
Diagram	<pre> classDiagram class cargoServicesDescriptionType { textContent : textContentType } class cargoServicesDescription { <> cargoServicesDescriptionType } cargoServicesDescription < -- cargoServicesDescriptionType </pre> <p>Description of services related to the goods or items carried by vessels.</p>						
Type	cargoServicesDescriptionType						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Model	textContent+						

Element generalHarbourInformationType / weatherResource

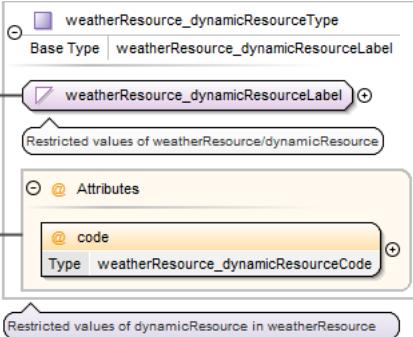
Namespace	http://www.ihodata.org/S131/2.0
Diagram	<pre> classDiagram class weatherResourceType { onlineResource : onlineResourceType dynamicResource : weatherResource_dynamicResourceType textContent : textContentType } class weatherResource { <> weatherResourceType } weatherResource < -- weatherResourceType </pre> <p>Links for relevant weather related information.</p>

Type	weatherResourceType
Properties	content: complex minOccurs: 0 maxOccurs: unbounded
Model	onlineResource{0,1} , dynamicResource{0,1} , textContent{0,1}

Element weatherResourceType / onlineResource

Namespace	http://www.ih0.int/S131/2.0
Diagram	 <p>The diagram illustrates the structure of the <code>onlineResourceType</code> element. It contains the following attributes:</p> <ul style="list-style-type: none"> <code>linkage</code> (Type: <code>linkageType</code>) <code>protocol</code> (Type: <code>protocolType</code>) <code>applicationProfile</code> (Type: <code>applicationProfileType</code>) <code>nameOfResource</code> (Type: <code>nameOfResourceType</code>) <code>onlineResourceDescription</code> (Type: <code>onlineResourceDescriptionType</code>) <code>onlineFunction</code> (Type: <code>onlineResource_onlineFunctionType</code>) <code>protocolRequest</code> (Type: <code>protocolRequestType</code>) <p>A callout box points to the entire structure with the text: "Information about online sources from which a resource or data can be obtained."</p>
Type	onlineResourceType
Properties	content: complex minOccurs: 0 maxOccurs: 1
Model	linkage , protocol{0,1} , applicationProfile{0,1} , nameOfResource{0,1} , onlineResourceDescription{0,1} , onlineFunction{0,1} , protocolRequest{0,1}

Element weatherResourceType / dynamicResource

Namespace	http://www.ih0.int/S131/2.0
Diagram	 <p>The diagram illustrates the structure of the <code>weatherResource_dynamicResourceType</code> element. It contains the following attributes:</p> <ul style="list-style-type: none"> <code>weatherResource_dynamicResourceLabel</code> (Type: <code>weatherResource_dynamicResourceLabel</code>) <code>@ code</code> (Type: <code>weatherResource_dynamicResourceCode</code>) <p>A callout box points to the <code>weatherResource_dynamicResourceLabel</code> attribute with the text: "Restricted values of weatherResource/dynamicResource". Another callout box points to the <code>@ code</code> attribute with the text: "Restricted values of dynamicResource in weatherResource".</p>
Type	weatherResource_dynamicResourceType
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • weatherResource_dynamicResourceLabel • weatherResource_dynamicResourceType

Properties	content:	complex
	minOccurs:	0
	maxOccurs:	1
Attributes	QName	Type
	code	weatherResource_dynamicRe- sourceCode
Element weatherResourceType / textContent		

Namespace	http://www.aho.int/S131/2.0						
Diagram	<pre> classDiagram textContent < -- textContentType textContentType < -- textContentTypeType textContentTypeType < -- categoryOfText : textContent_categoryOfTextType textContentTypeType < -- information : informationType textContentTypeType < -- onlineResource : onlineResourceType textContentTypeType < -- sourceIndication : sourceIndicationType </pre>						
Type	textContentType						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Model	categoryOfText{0,1} , information* , onlineResource{0,1} , sourceIndication*						

Element graphicType / pictorialRepresentation

Namespace	http://www.aho.int/S131/2.0						
Annotations	Not nullable						
Diagram	<pre> classDiagram pictorialRepresentation < -- pictorialRepresentationType pictorialRepresentationType < -- pictorialRepresentation </pre> <p>Not nullable</p>						
Type	pictorialRepresentationType						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	unbounded
content:	simple						
minOccurs:	1						
maxOccurs:	unbounded						

Element graphicType / pictureCaption

Namespace	http://www.aho.int/S131/2.0						
Diagram	<pre> classDiagram pictureCaption < -- pictureCaptionType pictureCaptionType < -- pictureCaption </pre> <p>Short description of the purpose of the image.</p>						
Type	pictureCaptionType						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						

Element graphicType / sourceDate

Namespace	http://www.ihodata.org/S131/2.0						
Diagram							
Type	sourceDateType						
Properties	<table border="1"> <tr> <td>content:</td><td>simple</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						

Element graphicType / pictureInformation

Namespace	http://www.ihodata.org/S131/2.0						
Diagram							
Type	pictureInformationType						
Properties	<table border="1"> <tr> <td>content:</td><td>simple</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						

Element graphicType / bearingInformation

Namespace	http://www.ihodata.org/S131/2.0						
Diagram							
Type	bearingInformationType						
Properties	<table border="1"> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Model	cardinalDirection{0,1} , distance{0,1} , information* , orientation{0,1}						

Element horizontalPositionUncertaintyType / uncertaintyFixed

Namespace	http://www.ihodata.org/S131/2.0
Annotations	Is nullable
Diagram	
Type	uncertaintyFixedType

Properties	content: simple minOccurs: 1 maxOccurs: 1 nillable: true
------------	---

Element horizontalPositionUncertaintyType / uncertaintyVariableFactor

Namespace	http://www.ihc.int/S131/2.0
Diagram	
Type	uncertaintyVariableFactorType
Properties	content: simple minOccurs: 0 maxOccurs: 1

Element landmarkDescriptionType / textContent

Namespace	http://www.ihc.int/S131/2.0
Diagram	
Type	textContentType
Properties	content: complex minOccurs: 1 maxOccurs: unbounded
Model	categoryOfText{0,1} , information* , onlineResource{0,1} , sourceIndication*

Element majorLightDescriptionType / textContent

Namespace	http://www.ihc.int/S131/2.0
Diagram	

Type	textContentType
Properties	content: complex minOccurs: 1 maxOccurs: unbounded
Model	categoryOfText{0,1} , information* , onlineResource{0,1} , sourceIndication*

Element markedByType / textContent

Namespace	http://www.ihodata.org/S131/2.0
Diagram	<pre> classDiagram class textContentType { categoryOfText : textContent_categoryOfTextType information : informationType * "0..oo" onlineResource : onlineResourceType * "0..oo" sourceIndication : sourceIndicationType * "0..oo" } textContent < -- textContentType </pre>
Type	textContentType
Properties	content: complex minOccurs: 1 maxOccurs: unbounded
Model	categoryOfText{0,1} , information* , onlineResource{0,1} , sourceIndication*

Element offshoreMarkDescriptionType / textContent

Namespace	http://www.ihodata.org/S131/2.0
Diagram	<pre> classDiagram class textContentType { categoryOfText : textContent_categoryOfTextType information : informationType * "0..oo" onlineResource : onlineResourceType * "0..oo" sourceIndication : sourceIndicationType * "0..oo" } textContent < -- textContentType </pre>
Type	textContentType
Properties	content: complex minOccurs: 1 maxOccurs: unbounded
Model	categoryOfText{0,1} , information* , onlineResource{0,1} , sourceIndication*

Element periodicDateRangeType / dateStart

Namespace	http://www.ihodata.org/S131/2.0
Annotations	Not nullable

Diagram

```

classDiagram
    dateStartType <|-- S100:S100_TruncatedDate : extension base
    S100:S100_TruncatedDate <|-- gDay
    S100:S100_TruncatedDate <|-- gMonth
    S100:S100_TruncatedDate <|-- gYear
    S100:S100_TruncatedDate <|-- gMonthDay
    S100:S100_TruncatedDate <|-- gYearMonth
    S100:S100_TruncatedDate <|-- date

    dateStartType "0..1" --> "1..1" dateStart
    dateStart "0..1" --> "1..1" Type
    Type "0..1" --> "1..1" dateStartType
    Type "0..1" --> "1..1" Not nullable
    dateStartType "0..1" --> "1..1" Note
    dateStartType "0..1" --> "1..1" Description
  
```

dateStartType

Base Type | S100:S100_TruncatedDate

S100:S100_TruncatedDate (extension base)

- gDay
- gMonth
- gYear
- gMonthDay
- gYearMonth
- date

built in date types from W3C XML schema, implementing S-100 truncated date

The earliest date on which an object (for example a buoy) will be present.

Type: dateStartType

Type hierarchy:

- S100_TruncatedDate
 - dateStartType

Properties

content:	complex
minOccurs:	1
maxOccurs:	1

Model: gDay | gMonth | gYear | gMonthDay | gYearMonth | date

Element periodicDateRangeType / dateEnd

Namespace	http://www.ihc.int/S131/2.0
Annotations	Not nullable
Diagram	<p>The diagram illustrates the UML class structure for the <code>dateEndType</code>. It shows the following elements:</p> <ul style="list-style-type: none"> dateEndType: Base Type, S100_S100_TrimmedDate. S100_S100_TrimmedDate (extension base): An extension of <code>dateEndType</code>. dateEnd: A reference to <code>dateEndType</code>, marked as Not nullable. dateComponents: A collection of date parts: <ul style="list-style-type: none"> <code>gDay</code> <code>gMonth</code> <code>gYear</code> <code>gMonthDay</code> <code>gYearMonth</code> <code>date</code> <p>Annotations provide additional context:</p> <ul style="list-style-type: none"> A callout box states: "built in date types from W3C XML schema, implementing S-100 truncated date". A callout box defines the purpose: "The latest date on which an object (for example a buoy) will be present."
Type	<code>dateEndType</code>
Type hierarchy	<ul style="list-style-type: none"> • <code>S100_TrimmedDate</code> <ul style="list-style-type: none"> • <code>dateEndType</code>
Properties	<p>content: complex</p> <p>minOccurs: 1</p> <p>maxOccurs: 1</p>
Model	<code>gDay gMonth gYear gMonthDay gYearMonth date</code>

Element rxNCodeType / categoryOfRxN

Namespace	http://www.ihc.int/S131/2.0																				
Diagram	<pre> classDiagram categoryOfRxNType < -- categoryOfRxNLabel_Union categoryOfRxNType < -- categoryOfRxNCode categoryOfRxNLabel_Union < -- extra categoryOfRxNCode < -- code: categoryOfRxNCode categoryOfRxNCode < -- codelistType: codelistTypeType categoryOfRxNCode < -- otherValue: extraValueType extra < -- extraValue </pre> <p>The principal subject matter of regulations, restrictions, recommendations or nautical information.</p>																				
Type	categoryOfRxNType																				
Type hierarchy	<ul style="list-style-type: none"> xs:anySimpleType <ul style="list-style-type: none"> categoryOfRxNLabel_Union categoryOfRxNType 																				
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1														
content:	complex																				
minOccurs:	0																				
maxOccurs:	1																				
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Fixed</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>categoryOfRxNCode</td> <td></td> <td>optional</td> </tr> <tr> <td>codelistType</td> <td>codelistTypeType</td> <td>openEnumeration</td> <td>optional</td> </tr> <tr> <td>otherValue</td> <td>extraValueType</td> <td></td> <td>optional</td> </tr> <tr> <td></td> <td></td> <td colspan="2">Only if an "extra" value is encoded</td> </tr> </tbody> </table>	QName	Type	Fixed	Use	code	categoryOfRxNCode		optional	codelistType	codelistTypeType	openEnumeration	optional	otherValue	extraValueType		optional			Only if an "extra" value is encoded	
QName	Type	Fixed	Use																		
code	categoryOfRxNCode		optional																		
codelistType	codelistTypeType	openEnumeration	optional																		
otherValue	extraValueType		optional																		
		Only if an "extra" value is encoded																			

Element rxNCodeType / actionOrActivity

Namespace	http://www.ihc.int/S131/2.0
Diagram	<pre> classDiagram actionOrActivityType < -- actionOrActivityLabel_Union actionOrActivityType < -- actionOrActivityCode actionOrActivityLabel_Union < -- extra actionOrActivityCode < -- code: actionOrActivityCode actionOrActivityCode < -- codelistType: codelistTypeType actionOrActivityCode < -- otherValue: extraValueType extra < -- extraValue </pre> <p>The action or activity of a vessel.</p>

Type	actionOrActivityType																			
Type hierarchy	<ul style="list-style-type: none"> xs:anySimpleType <ul style="list-style-type: none"> actionOrActivityLabel_Union actionOrActivityType 																			
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>																			
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Fixed</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>actionOrActivityCode</td> <td></td> <td>optional</td> </tr> <tr> <td>codelistType</td> <td>codelistTypeType</td> <td>openEnumeration</td> <td>optional</td> </tr> <tr> <td>otherValue</td> <td>extraValueType</td> <td></td> <td>optional</td> </tr> </tbody> </table> <p>Only if an "extra" value is encoded</p>				QName	Type	Fixed	Use	code	actionOrActivityCode		optional	codelistType	codelistTypeType	openEnumeration	optional	otherValue	extraValueType		optional
QName	Type	Fixed	Use																	
code	actionOrActivityCode		optional																	
codelistType	codelistTypeType	openEnumeration	optional																	
otherValue	extraValueType		optional																	

Element rxNCodeType / headline

Namespace	http://www.aho.int/S131/2.0
Diagram	<pre> classDiagram headline < -- headlineType headlineType { <<Words set at the head of a passage or page to introduce or categorize.>> } </pre>
Type	headlineType
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: unbounded</p>

Element scheduleByDayOfWeekType / categoryOfSchedule

Namespace	http://www.aho.int/S131/2.0						
Diagram	<pre> classDiagram categoryOfSchedule < -- scheduleByDayOfWeek_categoryOfScheduleType scheduleByDayOfWeek_categoryOfScheduleType { <<Base Type scheduleByDayOfWeek_categoryOfScheduleType>> <<Restricted values of scheduleByDayOfWeek/categoryOfSchedule>> @ Attributes @ code } </pre>						
Type	scheduleByDayOfWeek_categoryOfScheduleType						
Type hierarchy	<ul style="list-style-type: none"> xs:string <ul style="list-style-type: none"> scheduleByDayOfWeek_categoryOfScheduleLabel scheduleByDayOfWeek_categoryOfScheduleType 						
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>						
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>scheduleByDayOfWeek_categoryOfScheduleCode</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	code	scheduleByDayOfWeek_categoryOfScheduleCode	required
QName	Type	Use					
code	scheduleByDayOfWeek_categoryOfScheduleCode	required					

Element scheduleByDayOfWeekType / text

Namespace	http://www.oho.int/S131/2.0						
Diagram	<pre> graph LR text["text
Type textType"] --> textType["textType"] textType --- desc["A non-formatted digital text string."] </pre>						
Type	textType						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						

Element scheduleByDayOfWeekType / timeIntervalsByDayOfWeek

Namespace	http://www.oho.int/S131/2.0						
Diagram	<pre> graph TD timeIntervalsByDayOfWeek["timeIntervalsByDayOfWeek
Type timeIntervalsByDayOfWeekType"] --> timeIntervalsByDayOfWeekType["timeIntervalsByDayOfWeekType"] timeIntervalsByDayOfWeekType --- desc["The regular weekly operation times of a service or schedule."] </pre>						
Type	timeIntervalsByDayOfWeekType						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	minOccurs:	1	maxOccurs:	unbounded
content:	complex						
minOccurs:	1						
maxOccurs:	unbounded						
Model	dayOfWeek{0,7} , dayOfWeekIsRange{0,1} , timeOfDayStart* , timeOfDayEnd*						

Element timeIntervalsByDayOfWeekType / dayOfWeek

Namespace	http://www.oho.int/S131/2.0				
Diagram	<pre> graph TD dayOfWeek["dayOfWeek
Type timeIntervalsByDayOfWeek_dayOfWeekType"] --> dayOfWeekType["timeIntervalsByDayOfWeek_dayOfWeekType"] dayOfWeekType --- desc1["Restricted values of timeIntervalsByDayOfWeek/dayOfWeek"] dayOfWeekType --- desc2["Restricted values of dayOfWeek in timeIntervalsByDayOfWeek"] dayOfWeekType --- attributes["Attributes"] attributes --- code["code
Type timeIntervalsByDayOfWeek_dayOfWeekCode"] </pre>				
Type	timeIntervalsByDayOfWeek_dayOfWeekType				
Type hierarchy	<ul style="list-style-type: none"> • xs:string • timeIntervalsByDayOfWeek_dayOfWeekLabel • timeIntervalsByDayOfWeek_dayOfWeekType 				
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> </table>	content:	complex	minOccurs:	0
content:	complex				
minOccurs:	0				

	maxOccurs:	7		
Attributes	QName	Type	Use	

Element timeIntervalsByDayOfWeekType / dayOfWeekIsRange

Namespace	http://www.ihc.int/S131/2.0											
Diagram	<pre> classDiagram class dayOfWeekIsRange { <<Type dayOfWeekIsRangeType>> } class dayOfWeekIsRangeType { <<A statement expressing if the days of the week identified define a range or not.>> } dayOfWeekIsRange < -- dayOfWeekIsRangeType </pre>											
Type	dayOfWeekIsRangeType											
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> <td></td> </tr> <tr> <td>minOccurs:</td> <td>0</td> <td></td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> <td></td> </tr> </table>			content:	simple		minOccurs:	0		maxOccurs:	1	
content:	simple											
minOccurs:	0											
maxOccurs:	1											

Element timeIntervalsByDayOfWeekType / timeOfDayStart

Namespace	http://www.ihc.int/S131/2.0											
Diagram	<pre> classDiagram class timeOfDayStart { <<Type timeOfDayStartType>> } class timeOfDayStartType { <<The time corresponding to the start of an active period.>> } timeOfDayStart < -- timeOfDayStartType </pre>											
Type	timeOfDayStartType											
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> <td></td> </tr> <tr> <td>minOccurs:</td> <td>0</td> <td></td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> <td></td> </tr> </table>			content:	simple		minOccurs:	0		maxOccurs:	unbounded	
content:	simple											
minOccurs:	0											
maxOccurs:	unbounded											

Element timeIntervalsByDayOfWeekType / timeOfDayEnd

Namespace	http://www.ihc.int/S131/2.0											
Diagram	<pre> classDiagram class timeOfDayEnd { <<Type timeOfDayEndType>> } class timeOfDayEndType { <<The time corresponding to the end of an active period.>> } timeOfDayEnd < -- timeOfDayEndType </pre>											
Type	timeOfDayEndType											
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> <td></td> </tr> <tr> <td>minOccurs:</td> <td>0</td> <td></td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> <td></td> </tr> </table>			content:	simple		minOccurs:	0		maxOccurs:	unbounded	
content:	simple											
minOccurs:	0											
maxOccurs:	unbounded											

Element spatialAccuracyType / fixedDateRange

Namespace	http://www.ihc.int/S131/2.0		
Diagram	<pre> classDiagram class fixedDateRange { <<Type fixedDateRangeType>> } class fixedDateRangeType { <<An active period of a single fixed event or occurrence, as the date range between discrete start and end dates.>> } fixedDateRange < -- fixedDateRangeType fixedDateRangeType < -- dateStart fixedDateRangeType < -- dateEnd </pre>		
Type	fixedDateRangeType		

Properties	content: complex minOccurs: 0 maxOccurs: 1
Model	dateStart{0,1} , dateEnd{0,1}

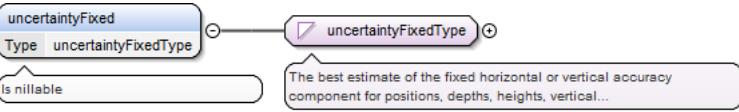
Element spatialAccuracyType / horizontalPositionUncertainty

Namespace	http://www.ihc.int/S131/2.0
Diagram	
Type	horizontalPositionUncertaintyType
Properties	content: complex minOccurs: 0 maxOccurs: 1
Model	uncertaintyFixed , uncertaintyVariableFactor{0,1}

Element spatialAccuracyType / verticalUncertainty

Namespace	http://www.ihc.int/S131/2.0
Diagram	
Type	verticalUncertaintyType
Properties	content: complex minOccurs: 0 maxOccurs: 1
Model	uncertaintyFixed , uncertaintyVariableFactor{0,1}

Element verticalUncertaintyType / uncertaintyFixed

Namespace	http://www.ihc.int/S131/2.0
Annotations	Is nullable
Diagram	
Type	uncertaintyFixedType
Properties	content: simple minOccurs: 1

maxOccurs:	1
nillable:	true

Element verticalUncertaintyType / uncertaintyVariableFactor

Namespace	http://www.ihodata.org/S131/2.0						
Diagram							
Type	uncertaintyVariableFactorType						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						

Element surveyDateRangeType / dateStart

Namespace	http://www.ihodata.org/S131/2.0						
Diagram							
Type	dateStartType						
Type hierarchy	<ul style="list-style-type: none"> • S100_TruncatedDate <ul style="list-style-type: none"> • dateStartType 						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Model	gDay gMonth gYear gMonthDay gYearMonth date						

Element surveyDateRangeType / dateEnd

Namespace	http://www.ihodata.org/S131/2.0
Annotations	Is nillable

Diagram									
Type	dateEndType								
Type hierarchy	<ul style="list-style-type: none"> S100_TrimmedDate <ul style="list-style-type: none"> dateEndType 								
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">complex</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">1</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">1</td></tr> <tr> <td style="padding: 2px;">nillable:</td><td style="padding: 2px;">true</td></tr> </table>	content:	complex	minOccurs:	1	maxOccurs:	1	nillable:	true
content:	complex								
minOccurs:	1								
maxOccurs:	1								
nillable:	true								
Model	gDay gMonth gYear gMonthDay gYearMonth date								

Element `telecommunicationsType / categoryOfCommunicationPreference`

Namespace	http://www.ihc.int/S131/2.0										
Diagram											
Type	telecommunications_categoryOfCommunicationPreferenceType										
Type hierarchy	<ul style="list-style-type: none"> xs:string <ul style="list-style-type: none"> telecommunications_categoryOfCommunicationPreferenceLabel telecommunications_categoryOfCommunicationPreferenceType 										
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">complex</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">0</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">1</td></tr> </table>			content:	complex	minOccurs:	0	maxOccurs:	1		
content:	complex										
minOccurs:	0										
maxOccurs:	1										
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">QName</th><th style="width: 25%;">Type</th><th style="width: 25%;">Use</th><th style="width: 25%;"></th></tr> </thead> <tbody> <tr> <td>code</td><td>telecommunications_categoryOfCommunicationPreferenceCode</td><td>required</td><td></td></tr> </tbody> </table>	QName	Type	Use		code	telecommunications_categoryOfCommunicationPreferenceCode	required			
QName	Type	Use									
code	telecommunications_categoryOfCommunicationPreferenceCode	required									

Element `telecommunicationsType / telecommunicationIdentifier`

Namespace	http://www.oho.int/S131/2.0								
Annotations	Is nullable								
Diagram	<pre> graph LR TI[telecommunicationIdentifier
Type telecommunicationIdentifierType] --> TIT[telecommunicationIdentifierType] TI --- INL[Is nullable] TIT --- DTL[An identifier, such as words, numbers, letters, symbols, or any combination of those used to establish a contact to a...] </pre>								
Type	telecommunicationIdentifierType								
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> <tr> <td>nillable:</td> <td>true</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	nillable:	true
content:	simple								
minOccurs:	1								
maxOccurs:	1								
nillable:	true								

Element `telecommunicationsType / telecommunicationCarrier`

Namespace	http://www.oho.int/S131/2.0						
Diagram	<pre> graph LR TC[telecommunicationCarrier
Type telecommunicationCarrierType] --> TCT[telecommunicationCarrierType] TC --- DTC[The name of a provider or type of carrier for a telecommunication service. This service may include land line based,...] </pre>						
Type	telecommunicationCarrierType						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						

Element `telecommunicationsType / contactInstructions`

Namespace	http://www.oho.int/S131/2.0						
Diagram	<pre> graph LR CI[contactInstructions
Type contactInstructionsType] --> CIT[contactInstructionsType] CI --- DCI[Instructions provided on how to contact a particular person, organisation or service.] </pre>						
Type	contactInstructionsType						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						

Element `telecommunicationsType / telecommunicationService`

Namespace	http://www.oho.int/S131/2.0
Diagram	<pre> graph LR TS[telecommunicationService
Type telecommunications_telecommunication...] --> TTS[telecommunications_telecommunicationServiceType] TS --- RVS[Restricted values of telecommunications/telecommunicationService] TS --- ATTRS[Attributes] TS --- CODE[Attributes code] CODE --- DCODE[Restricted values of telecommunicationService in telecommunications] </pre>
Type	telecommunications_telecommunicationServiceType
Type hierarchy	<ul style="list-style-type: none"> • xs:string • telecommunications_telecommunicationServiceLabel

	<ul style="list-style-type: none"> • telecommunications_telecommunicationServiceType 						
Properties	content: complex minOccurs: 0 maxOccurs: unbounded						
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>telecommunications_telecommunicationServiceCode</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	code	telecommunications_telecommunicationServiceCode	required
QName	Type	Use					
code	telecommunications_telecommunicationServiceCode	required					

Element usefulMarkDescriptionType / textContent

Namespace	http://www.ihc.int/S131/2.0
Diagram	<pre> classDiagram class textContentType { categoryOfText : textContent_type information : informationType onlineResource : onlineResourceType sourceIndication : sourceIndicationType } textContent < -- textContentType textContent < -- textContent_type textContent < -- informationType textContent < -- onlineResourceType textContent < -- sourceIndicationType </pre> <p>Textual material, or a pointer to a resource providing textual material. May be accompanied by basic information about...</p>
Type	textContentType
Properties	content: complex minOccurs: 1 maxOccurs: unbounded
Model	categoryOfText{0,1} , information* , onlineResource{0,1} , sourceIndication*

Element vesselMeasurementsSpecificationType / comparisonOperator

Namespace	http://www.ihc.int/S131/2.0
Annotations	Not nullable
Diagram	<pre> classDiagram class vesselMeasurementsSpecification_comparisonOperatorType { vesselMeasurementsSpecification_comparisonOperatorLabel : string code : vesselMeasurementsSpecification_codeType } vesselMeasurementsSpecification_comparisonOperatorType < -- vesselMeasurementsSpecification vesselMeasurementsSpecification_comparisonOperatorType < -- vesselMeasurementsSpecification_codeType </pre> <p>Restricted values of vesselMeasurementsSpecification/comparisonOperator</p> <p>Restricted values of comparisonOperator in vesselMeasurementsSpecification</p>
Type	vesselMeasurementsSpecification_comparisonOperatorType
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • vesselMeasurementsSpecification_comparisonOperatorLabel • vesselMeasurementsSpecification_comparisonOperatorType
Properties	content: complex minOccurs: 1 maxOccurs: 1

Attributes	QName	Type	Use	
	code	vesselMeasurementsSpecification_comparisonOperatorCode	required	

Element vesselMeasurementsSpecificationType / vesselsCharacteristics

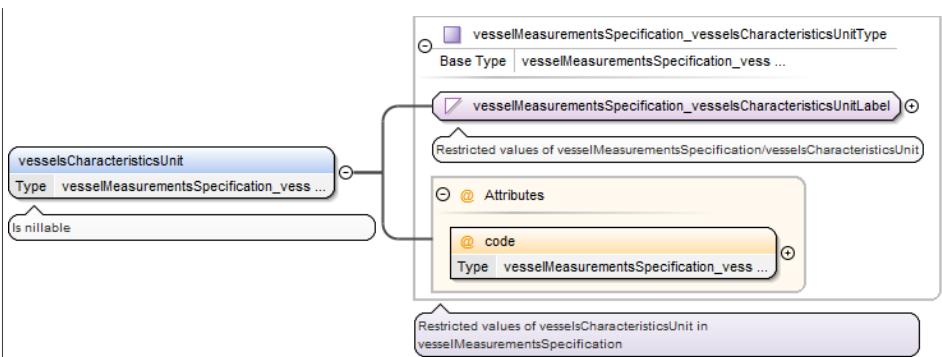
Namespace	http://www.ihodata.org/S131/2.0			
Annotations	Not nullable			
Diagram	<pre> classDiagram class vesselMeasurementsSpecification_vesselsCharacteristicsType { code: vesselMeasurementsSpecification_code vesselsCharacteristicsLabel: vesselMeasurementsSpecification_vesselsCharacteristicsLabel } class vesselMeasurementsSpecification_vesselsCharacteristicsLabel { <<Restricted values of vesselMeasurementsSpecification/vesselsCharacteristics>> } class vesselMeasurementsSpecification_code { <<Restricted values of vesselsCharacteristics in vesselMeasurementsSpecification>> } vesselMeasurementsSpecification_vesselsCharacteristicsType "1" --> vesselMeasurementsSpecification_vesselsCharacteristicsLabel vesselMeasurementsSpecification_vesselsCharacteristicsType "1" --> vesselMeasurementsSpecification_code vesselMeasurementsSpecification_vesselsCharacteristicsLabel "1" --> vesselMeasurementsSpecification_code </pre>			
Type	vesselMeasurementsSpecification_vesselsCharacteristicsType			
Type hierarchy	<ul style="list-style-type: none"> xs:string <ul style="list-style-type: none"> vesselMeasurementsSpecification_vesselsCharacteristicsLabel vesselMeasurementsSpecification_vesselsCharacteristicsType 			
Properties	<p>content: complex</p> <p>minOccurs: 1</p> <p>maxOccurs: 1</p>			
Attributes	QName	Type	Use	
	code	vesselMeasurementsSpecification_vesselsCharacteristicsCode	required	

Element vesselMeasurementsSpecificationType / vesselsCharacteristicsValue

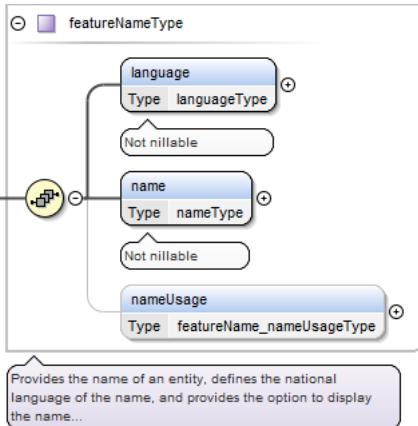
Namespace	http://www.ihodata.org/S131/2.0		
Annotations	Not nullable		
Diagram	<pre> classDiagram class vesselMeasurementsSpecification_vesselsCharacteristicsValueType { vesselsCharacteristicsValueLabel: vesselMeasurementsSpecification_vesselsCharacteristicsValueLabel } class vesselMeasurementsSpecification_vesselsCharacteristicsValueLabel { <<The value of a particular characteristic such as a dimension or tonnage of a vessel.>> } vesselMeasurementsSpecification_vesselsCharacteristicsValueType "1" --> vesselMeasurementsSpecification_vesselsCharacteristicsValueLabel </pre>		
Type	vesselMeasurementsSpecification_vesselsCharacteristicsValueType		
Properties	<p>content: simple</p> <p>minOccurs: 1</p> <p>maxOccurs: 1</p>		

Element vesselMeasurementsSpecificationType / vesselsCharacteristicsUnit

Namespace	http://www.ihodata.org/S131/2.0		
Annotations	Is nullable		

Diagram									
Type	vesselMeasurementsSpecification_vesselCharacteristicsUnitType								
Type hierarchy	<ul style="list-style-type: none"> xs:string <ul style="list-style-type: none"> vesselMeasurementsSpecification_vesselCharacteristicsUnitLabel vesselMeasurementsSpecification_vesselCharacteristicsUnitType 								
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> <tr> <td>nillable:</td> <td>true</td> </tr> </table>	content:	complex	minOccurs:	1	maxOccurs:	1	nillable:	true
content:	complex								
minOccurs:	1								
maxOccurs:	1								
nillable:	true								
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>vesselMeasurementsSpecification_vesselCharacteristicsUnitCode</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	code	vesselMeasurementsSpecification_vesselCharacteristicsUnitCode	required		
QName	Type	Use							
code	vesselMeasurementsSpecification_vesselCharacteristicsUnitCode	required							

Element InformationTypeType / featureName

Namespace	http://www.ihoint/S131/2.0						
Diagram							
Type	featureNameType						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Model	language , name , nameUsage {0,1}						

Element InformationTypeType / fixedDateRange

Namespace	http://www.ihoint/S131/2.0
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Diagram							
Type	fixedDateRangeType						
Properties	<table border="1"> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Model	dateStart{0,1} , dateEnd{0,1}						

Element InformationTypeType / periodicDateRange

Namespace	http://www.ihc.int/S131/2.0						
Diagram							
Type	periodicDateRangeType						
Properties	<table border="1"> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> <tr> <td>maxOccurs:</td><td>unbounded</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Model	dateStart , dateEnd						

Element InformationTypeType / graphic

Namespace	http://www.ihc.int/S131/2.0
Diagram	
Type	graphicType

Properties	content: complex minOccurs: 0 maxOccurs: unbounded
Model	pictorialRepresentation+ , pictureCaption{0,1} , sourceDate{0,1} , pictureInformation{0,1} , bearingInformation{0,1}

Element InformationType / sourceIndication

Namespace	http://www.ihc.int/S131/2.0
Diagram	<pre> classDiagram class sourceIndication { <<sourcedIndicationType>> } class sourceIndicationType { <<complex>> categoryOfAuthority countryName source sourceType reportedDate <<featureName*>> } sourceIndication "0..1" --> sourceIndicationType note over sourceIndicationType: Information about the source document, publication, or reference from which object data or textual material included or... </pre>
Type	sourceIndicationType
Properties	content: complex minOccurs: 0 maxOccurs: unbounded
Model	categoryOfAuthority{0,1} , countryName{0,1} , source{0,1} , sourceType{0,1} , reportedDate{0,1} , featureName*

Element AbstractRxNType / categoryOfAuthority

Namespace	http://www.ihc.int/S131/2.0
Diagram	<pre> classDiagram class categoryOfAuthority { <<AbstractRxN_categoryOfAuthorityType>> } class AbstractRxN_categoryOfAuthorityType { <<Base Type AbstractRxN_categoryOfAuthorityLabel>> <<Custom enum: AbstractRxN/categoryOfAuthority>> <<@ Attributes>> <<code*>> <<Type AbstractRxN_categoryOfAuthorityCode>> } categoryOfAuthority --> AbstractRxN_categoryOfAuthorityType note over AbstractRxN_categoryOfAuthorityType: Restricted values of categoryOfAuthority in AbstractRxN </pre>
Type	AbstractRxN_categoryOfAuthorityType
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • AbstractRxN_categoryOfAuthorityLabel • AbstractRxN_categoryOfAuthorityType
Properties	content: complex minOccurs: 0 maxOccurs: 1

Attributes	QName	Type	Use
	code	AbstractRxN_categoryOfAuthorityCode	required

Element AbstractRxNType / rxNCode

Namespace	http://www.ihc.int/S131/2.0						
Diagram	<p>A summary of the impact of the most common types of regulation, restriction, recommendation and nautical information on...</p>						
Type	rxNCodeType						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Model	categoryOfRxN{0,1} , actionOrActivity{0,1} , headline*						

Element AbstractRxNType / textContent

Namespace	http://www.ihc.int/S131/2.0						
Diagram	<p>Textual material, or a pointer to a resource providing textual material. May be accompanied by basic information about...</p>						
Type	textContentType						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Model	categoryOfText{0,1} , information* , onlineResource{0,1} , sourceIndication*						

Element AbstractRxNType / isApplicableTo

Namespace	http://www.ihc.int/S131/2.0
Annotations	Applicability[0..*]

Diagram																																																			
Type	isApplicableToType																																																		
Type hierarchy	<ul style="list-style-type: none"> • gml:ReferenceType • isApplicableToType 																																																		
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded																																												
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minOccurs:	0																																																		
maxOccurs:	unbounded																																																		
Model	InclusionType																																																		
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xlink:title	xlink:titleAttrType			optional																																															
xlink:type	xlink:typeType	simple		optional																																															

Element isApplicableToType / InclusionType

Namespace	http://www.ihc.int/S131/2.0
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Diagram	<pre> classDiagram class InclusionType { <<InclusionType>> } class InclusionTypeType { <<InclusionTypeType>> attribute gml:id association membership } class membership { <<membership>> attribute code } InclusionType < -- InclusionTypeType InclusionTypeType "1" -- "1" membership </pre> <p>The diagram illustrates the schema structure for the <code>InclusionTypeType</code> element. It shows <code>InclusionType</code> as a subtype of <code>InclusionTypeType</code>. The <code>InclusionTypeType</code> element has an attribute <code>gml:id</code> and an association named <code>membership</code> with multiplicity 1. The <code>membership</code> association class has an attribute <code>code</code>. A note indicates that the <code>gml:id</code> attribute supports provision of a handle for the XML element representing a GML Object, and its use is mandatory. Another note specifies that the <code>membership</code> class is an association class specifying the relationship between the subset of vessels described by an APPLIC data object and...</p>						
Type	<code>InclusionTypeType</code>						
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">complex</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">1</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">1</td></tr> </table>	content:	complex	minOccurs:	1	maxOccurs:	1
content:	complex						
minOccurs:	1						
maxOccurs:	1						
Model	<code>membership</code>						
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; padding: 2px;">QName</th><th style="text-align: left; padding: 2px;">Type</th><th style="text-align: left; padding: 2px;">Use</th></tr> </thead> <tbody> <tr> <td style="padding: 2px;"><code>gml:id</code></td><td style="padding: 2px;">ID</td><td style="padding: 2px;">optional</td></tr> </tbody> </table> <p style="margin-top: 10px;">The attribute <code>gml:id</code> supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>	QName	Type	Use	<code>gml:id</code>	ID	optional
QName	Type	Use					
<code>gml:id</code>	ID	optional					

Element `InclusionTypeType / membership`

Namespace	http://www.ihc.int/S131/2.0						
Diagram	<pre> classDiagram class membership { <<membership>> } class membershipType { <<membershipType>> attribute membershipLabel association membershipLabel } class membershipLabel { <<membershipLabel>> attribute code } membership < -- membershipType membershipType "1" -- "1" membershipLabel </pre> <p>The diagram illustrates the schema structure for the <code>membershipType</code> element. It shows <code>membership</code> as a subtype of <code>membershipType</code>. The <code>membershipType</code> element has a base type <code>membershipLabel</code> and an association named <code>membershipLabel</code> with multiplicity 1. The <code>membershipLabel</code> association class has an attribute <code>code</code>. A note indicates that the <code>membershipLabel</code> class is an association class specifying whether a vessel is included or excluded from the regulation/restriction/recommendation/nautical information. Another note specifies that the <code>membershipLabel</code> class is an association class specifying whether a vessel is included or excluded from the regulation/restriction/recommendation/nautical information.</p>						
Type	<code>membershipType</code>						
Type hierarchy	<ul style="list-style-type: none"> • <code>xs:string</code> • <code>membershipLabel</code> • <code>membershipType</code> 						
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">complex</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">1</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">1</td></tr> </table>	content:	complex	minOccurs:	1	maxOccurs:	1
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minOccurs:	1						
maxOccurs:	1						
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; padding: 2px;">QName</th><th style="text-align: left; padding: 2px;">Type</th><th style="text-align: left; padding: 2px;">Use</th></tr> </thead> <tbody> <tr> <td style="padding: 2px;"><code>code</code></td><td style="padding: 2px;">membershipCode</td><td style="padding: 2px;">required</td></tr> </tbody> </table>	QName	Type	Use	<code>code</code>	membershipCode	required
QName	Type	Use					
<code>code</code>	membershipCode	required					

Element `AbstractRxNType / theOrganisation`

Namespace	http://www.ihc.int/S131/2.0
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Annotations	Authority[0..*]																																																		
Diagram	<p>The diagram illustrates the structure of theAuthority. It is defined as a gml:ReferenceType. This type contains two attribute groups: gml:OwnershipAttributeGroup and gml:AssociationAttributeGroup. A note states: "Encoding a GML property inline vs. by-reference shall not imply anything about the 'ownership' of the contained or..." Another note specifies: "XLink components are the standard method to support hypertext referencing in XML. An XML Schema attribute group....". A third note at the bottom indicates: "gml:ReferenceType is intended to be used in application schemas directly, if a property element shall use a...".</p>																																																		
Type	gml:ReferenceType																																																		
Properties	<table> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded																																												
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minOccurs:	0																																																		
maxOccurs:	unbounded																																																		
Model																																																			
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Fixed</th> <th>Default</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>nilReason</td> <td>gml:nilReasonType</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>owns</td> <td>boolean</td> <td></td> <td>false</td> <td>optional</td> </tr> <tr> <td>xlink:actuate</td> <td>xlink:actuateType</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>xlink:arcrole</td> <td>xlink:arcroleType</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>xlink:href</td> <td>xlink:hrefType</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>xlink:role</td> <td>xlink:roleType</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>xlink:show</td> <td>xlink:showType</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>xlink:title</td> <td>xlink:titleAttrType</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>xlink:type</td> <td>xlink:typeType</td> <td>simple</td> <td></td> <td>optional</td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	nilReason	gml:nilReasonType			optional	owns	boolean		false	optional	xlink:actuate	xlink:actuateType			optional	xlink:arcrole	xlink:arcroleType			optional	xlink:href	xlink:hrefType			optional	xlink:role	xlink:roleType			optional	xlink:show	xlink:showType			optional	xlink:title	xlink:titleAttrType			optional	xlink:type	xlink:typeType	simple		optional
QName	Type	Fixed	Default	Use																																															
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xlink:title	xlink:titleAttrType			optional																																															
xlink:type	xlink:typeType	simple		optional																																															

Element ApplicabilityType / inBallast

Namespace	http://www.ihoint/S131/2.0						
Diagram	<p>The diagram shows inBallast as a reference type that points to inBallastType. A note below the diagram states: "Whether the vessel is in ballast."</p>						
Type	inBallastType						
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						

Element ApplicabilityType / categoryOfCargo

Namespace	http://www.ihoint/S131/2.0
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Diagram	<pre> classDiagram categoryOfCargo "Type" --> Applicability_categoryOfCargoType Applicability_categoryOfCargoType "Base Type" < -- Applicability_categoryOfCargoLabel Applicability_categoryOfCargoLabel "Custom enum: Applicability/categoryOfCargo" code "@ Attributes" code "Type: Applicability_categoryOfCargoCode" note "Restricted values of categoryOfCargo in Applicability" </pre>						
Type	Applicability_categoryOfCargoType						
Type hierarchy	<ul style="list-style-type: none"> • xs:string • Applicability_categoryOfCargoLabel • Applicability_categoryOfCargoType 						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>Applicability_categoryOfCargoCode</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	code	Applicability_categoryOfCargoCode	required
QName	Type	Use					
code	Applicability_categoryOfCargoCode	required					

Element ApplicabilityType / categoryOfDangerousOrHazardousCargo

Namespace	http://www.ihc.int/S131/2.0						
Diagram	<pre> classDiagram categoryOfDangerousOrHazardousCargo "Type" --> Applicability_categoryOfDangerousOrHazardousCargoType Applicability_categoryOfDangerousOrHazardousCargoType "Base Type" < -- Applicability_categoryOfDangerousOrHazardousCargoLabel Applicability_categoryOfDangerousOrHazardousCargoLabel "Custom enum: Applicability/categoryOfDangerousOrHazardousCargo" code "@ Attributes" code "Type: Applicability_categoryOfDangerousOrHazardousCargoCode" note "Restricted values of categoryOfDangerousOrHazardousCargo in Applicability" </pre>						
Type	Applicability_categoryOfDangerousOrHazardousCargoType						
Type hierarchy	<ul style="list-style-type: none"> • xs:string • Applicability_categoryOfDangerousOrHazardousCargoLabel • Applicability_categoryOfDangerousOrHazardousCargoType 						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>Applicability_categoryOfDangerousOrHazardousCargoCode</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	code	Applicability_categoryOfDangerousOrHazardousCargoCode	required
QName	Type	Use					
code	Applicability_categoryOfDangerousOrHazardousCargoCode	required					

Element ApplicabilityType / categoryOfVessel

Namespace	http://www.ihc.int/S131/2.0
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Diagram	<pre> classDiagram categoryOfVessel < -- Applicability_categoryOfVesselType Applicability_categoryOfVesselType < -- categoryOfVesselLabel_Union categoryOfVesselLabel_Union < -- @ code : Applicability_categoryOfVesselCode note over categoryOfVesselLabel_Union: Union type for labels corresponding to extra codelist values. note over code: Restricted values of categoryOfVessel in Applicability </pre>						
Type	Applicability_categoryOfVesselType						
Type hierarchy	<ul style="list-style-type: none"> • xs:anySimpleType <ul style="list-style-type: none"> • categoryOfVesselLabel_Union <ul style="list-style-type: none"> • Applicability_categoryOfVesselType 						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>Applicability_categoryOfVesselCode</td> <td>optional</td> </tr> </tbody> </table>	QName	Type	Use	code	Applicability_categoryOfVesselCode	optional
QName	Type	Use					
code	Applicability_categoryOfVesselCode	optional					

Element ApplicabilityType / categoryOfVesselRegistry

Namespace	http://www.ihc.int/S131/2.0						
Diagram	<pre> classDiagram categoryOfVesselRegistry < -- Applicability_categoryOfVesselRegistryType Applicability_categoryOfVesselRegistryType < -- Applicability_categoryOfVesselRegistryLabel Applicability_categoryOfVesselRegistryLabel < -- @ code : Applicability_categoryOfVesselRegistryCode note over Applicability_categoryOfVesselRegistryLabel: Custom enum: Applicability/categoryOfVesselRegistry note over code: Restricted values of categoryOfVesselRegistry in Applicability </pre>						
Type	Applicability_categoryOfVesselRegistryType						
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • Applicability_categoryOfVesselRegistryLabel <ul style="list-style-type: none"> • Applicability_categoryOfVesselRegistryType 						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>Applicability_categoryOfVesselRegistryCode</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	code	Applicability_categoryOfVesselRegistryCode	required
QName	Type	Use					
code	Applicability_categoryOfVesselRegistryCode	required					

Element ApplicabilityType / logicalConnectives

Namespace	http://www.ihc.int/S131/2.0
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Diagram	<pre> classDiagram class Applicability_logicalConnectivesType { logicalConnectives : Applicability_logicalConnectivesLabel @ code : Applicability_logicalConnectivesCode } Applicability_logicalConnectivesLabel { Applicability logicalConnectives } Applicability_logicalConnectivesLabel < -- Applicability Applicability_logicalConnectivesLabel < -- logicalConnectives Applicability_logicalConnectivesLabel < -- code </pre> <p>Restricted values of logicalConnectives in Applicability</p>						
Type	Applicability_logicalConnectivesType						
Type hierarchy	<ul style="list-style-type: none"> xs:string <ul style="list-style-type: none"> Applicability_logicalConnectivesLabel Applicability_logicalConnectivesType 						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>Applicability_logicalConnectivesCode</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	code	Applicability_logicalConnectivesCode	required
QName	Type	Use					
code	Applicability_logicalConnectivesCode	required					

Element ApplicabilityType / thicknessOfIceCapability

Namespace	http://www.ihoint/S131/2.0						
Diagram	<pre> classDiagram class thicknessOfIceCapabilityType { thicknessOfIceCapability : thicknessOfIceCapability } thicknessOfIceCapability { The thickness of ice that the ship can safely transit. } </pre>						
Type	thicknessOfIceCapabilityType						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Facets	minExclusive 0						

Element ApplicabilityType / vesselPerformance

Namespace	http://www.ihoint/S131/2.0						
Diagram	<pre> classDiagram class vesselPerformanceType { vesselPerformance : vesselPerformance } vesselPerformance { A description of the required handling characteristics of a vessel including hull design, main and auxiliary machinery, ... } </pre>						
Type	vesselPerformanceType						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						

Element ApplicabilityType / destination

Namespace	http://www.ihoint/S131/2.0
Diagram	<pre> classDiagram class destinationType { destination : destination } destination { The place or general direction to which a vessel is going or directed. } </pre>

Type	destinationType
Properties	content: simple minOccurs: 0 maxOccurs: 1

Element ApplicabilityType / information

Namespace	http://www.ihc.int/S131/2.0
Diagram	
Type	informationType
Properties	content: complex minOccurs: 0 maxOccurs: unbounded
Model	fileLocator{0,1} , fileReference{0,1} , headline* , language{0,1} , text{0,1}

Element ApplicabilityType / vesselMeasurementsSpecification

Namespace	http://www.ihc.int/S131/2.0
Diagram	
Type	vesselMeasurementsSpecificationType
Properties	content: complex minOccurs: 0 maxOccurs: unbounded

Model	comparisonOperator , vesselsCharacteristics , vesselsCharacteristicsValue , vesselsCharacteristicsUnit
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Element ApplicabilityType / theApplicableRxN

Namespace	http://www.ihc.int/S131/2.0																																																		
Annotations	AbstractRxN[0..*]																																																		
Diagram	<pre> classDiagram class theApplicableRxN { <<AbstractRxN[0..*]>> } class gmL::ReferenceType { <<gmL::ReferenceType (extension base)>> <<Attributes>> gml::OwnershipAttributeGroup gml::AssociationAttributeGroup } theApplicableRxN "0..1" --> gmL::ReferenceType theApplicableRxN "0..1" --> InclusionType class InclusionType { <<InclusionType>> <<Type InclusionTypeType>> } note over gmL::ReferenceType: Encoding a GML property inline vs. by-reference shall not imply anything about the "ownership" of the contained or... note over gmL::ReferenceType: XLink components are the standard method to support hypertext referencing in XML. An XML Schema attribute group... note over theApplicableRxN: gmL:ReferenceType is intended to be used in application schemas directly, if a property element shall use a... note over theApplicableRxN: The applicable regulation, restriction, recommendation or nautical information note over InclusionType: The applicable regulation, restriction, recommendation or nautical information </pre>																																																		
Type	theApplicableRxNType																																																		
Type hierarchy	<ul style="list-style-type: none"> • gmL:ReferenceType <ul style="list-style-type: none"> • theApplicableRxNType 																																																		
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maxOccurs:	unbounded																																																		
Model	InclusionType																																																		
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Fixed</th> <th>Default</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>nilReason</td> <td>gmL:NilReasonType</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>owns</td> <td>boolean</td> <td></td> <td>false</td> <td>optional</td> </tr> <tr> <td>xlink:actuate</td> <td>xlink:actuateType</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>xlink:arcrole</td> <td>xlink:arcroleType</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>xlink:href</td> <td>xlink:hrefType</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>xlink:role</td> <td>xlink:roleType</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>xlink:show</td> <td>xlink:showType</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>xlink:title</td> <td>xlink:titleAttrType</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>xlink:type</td> <td>xlink:typeType</td> <td>simple</td> <td></td> <td>optional</td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	nilReason	gmL:NilReasonType			optional	owns	boolean		false	optional	xlink:actuate	xlink:actuateType			optional	xlink:arcrole	xlink:arcroleType			optional	xlink:href	xlink:hrefType			optional	xlink:role	xlink:roleType			optional	xlink:show	xlink:showType			optional	xlink:title	xlink:titleAttrType			optional	xlink:type	xlink:typeType	simple		optional
QName	Type	Fixed	Default	Use																																															
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xlink:role	xlink:roleType			optional																																															
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xlink:title	xlink:titleAttrType			optional																																															
xlink:type	xlink:typeType	simple		optional																																															

Element theApplicableRxNType / InclusionType

Namespace	http://www.ihc.int/S131/2.0
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Diagram										
Type	InclusionTypeType									
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">complex</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">1</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">1</td></tr> </table>	content:	complex	minOccurs:	1	maxOccurs:	1			
content:	complex									
minOccurs:	1									
maxOccurs:	1									
Model	membership									
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="padding: 2px;">QName</th><th style="padding: 2px;">Type</th><th style="padding: 2px;">Use</th></tr> </thead> <tbody> <tr> <td style="padding: 2px;">gml:id</td><td style="padding: 2px;">ID</td><td style="padding: 2px;">optional</td></tr> <tr> <td colspan="3" style="text-align: center; padding: 2px;"> The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs. </td></tr> </tbody> </table>	QName	Type	Use	gml:id	ID	optional	The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.		
QName	Type	Use								
gml:id	ID	optional								
The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.										

Element AuthorityType / categoryOfAuthority

Namespace	http://www.ihodata.org/S131/2.0										
Annotations	Is nullable										
Diagram											
Type	Authority_categoryOfAuthorityType										
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • Authority_categoryOfAuthorityLabel • Authority_categoryOfAuthorityType 										
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">complex</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">1</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">1</td></tr> <tr> <td style="padding: 2px;">nillable:</td><td style="padding: 2px;">true</td></tr> </table>			content:	complex	minOccurs:	1	maxOccurs:	1	nillable:	true
content:	complex										
minOccurs:	1										
maxOccurs:	1										
nillable:	true										
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="padding: 2px;">QName</th><th style="padding: 2px;">Type</th><th style="padding: 2px;">Use</th></tr> </thead> <tbody> <tr> <td style="padding: 2px;">code</td><td style="padding: 2px;">Authority_categoryOfAuthorityCode</td><td style="padding: 2px;">required</td></tr> </tbody> </table>	QName	Type	Use	code	Authority_categoryOfAuthorityCode	required				
QName	Type	Use									
code	Authority_categoryOfAuthorityCode	required									

Element AuthorityType / textContent

Namespace	http://www.ihc.int/S131/2.0						
Diagram	<pre> classDiagram class textContentType { categoryOfText : textContent_categoryOfTextType information : informationType onlineResource : onlineResourceType sourceIndication : sourceIndicationType } textContentType < -- textContent : textContentTypeType textContent --> textContentType </pre> <p>Textual material, or a pointer to a resource providing textual material. May be accompanied by basic information about...</p>						
Type	textContentType						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Model	categoryOfText{0,1}, information*, onlineResource{0,1}, sourceIndication*						

Element AuthorityType / theContactDetails

Namespace	http://www.ihc.int/S131/2.0																																			
Annotations	ContactDetails[0..*]																																			
Diagram	<pre> classDiagram class gmlReferenceType { <<Attributes>> gmlOwnershipAttributeGroup gmlAssociationAttributeGroup } gmlReferenceType < -- theContactDetails : gmlReferenceType theContactDetails --> ContactDetails[0..*] </pre> <p>gml:ReferenceType is intended to be used in application schemas directly, if a property element shall use a...</p>																																			
Type	gml:ReferenceType																																			
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded																													
content:	complex																																			
minOccurs:	0																																			
maxOccurs:	unbounded																																			
Model																																				
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QName	Type	Fixed	Default	Use																																
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QName	Type	Fixed	Default	Use
xlink:show	xlink:showType			optional
xlink:title	xlink:titleAttrType			optional
xlink:type	xlink:typeType	simple		optional

Element AuthorityType / organisationRelatedRxN

Namespace	http://www.ihc.int/S131/2.0																																																		
Annotations	AbstractRxN[0..*]																																																		
Diagram																																																			
Type	gml:ReferenceType																																																		
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded																																												
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QName	Type	Fixed	Default	Use																																															
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owns	boolean		false	optional																																															
xlink:actuate	xlink:actuateType			optional																																															
xlink:arcrole	xlink:arcroleType			optional																																															
xlink:href	xlink:hrefType			optional																																															
xlink:role	xlink:roleType			optional																																															
xlink:show	xlink:showType			optional																																															
xlink:title	xlink:titleAttrType			optional																																															
xlink:type	xlink:typeType	simple		optional																																															

Element AuthorityType / theServiceHours

Namespace	http://www.ihc.int/S131/2.0
Annotations	ServiceHours[0..*]

Diagram	<p>The diagram shows the schema element <code>gml:ReferenceType</code>. It has attributes <code>gml:OwnershipAttributeGroup</code> and <code>gml:AssociationAttributeGroup</code>. A note states: "Encoding a GML property inline vs. by-reference shall not imply anything about the 'ownership' of the contained or..." Another note states: "XLink components are the standard method to support hypertext referencing in XML. An XML Schema attribute group....". A callout box at the bottom right says: "gml:ReferenceType is intended to be used in application schemas directly, if a property element shall use a...".</p>																																																		
Type	<code>gml:ReferenceType</code>																																																		
Properties	<table border="1"> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> <tr> <td>maxOccurs:</td><td>unbounded</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded																																												
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minOccurs:	0																																																		
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QName	Type	Fixed	Default	Use																																															
<code>nilReason</code>	<code>gml:NilReasonType</code>			optional																																															
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<code>xlink:title</code>	<code>xlink:titleAttrType</code>			optional																																															
<code>xlink:type</code>	<code>xlink:typeType</code>	simple		optional																																															

Element AvailablePortServicesType / firefightingService

Namespace	http://www.ihc.int/S131/2.0				
Diagram	<p>The diagram shows the schema element <code>AvailablePortServices_type</code>. It has a child element <code>firefightingService</code>. This element has attributes <code>code</code> and <code>label</code>. A note states: "Restricted values of firefightingService in AvailablePortServices".</p>				
Type	<code>AvailablePortServices_type</code>				
Type hierarchy	<ul style="list-style-type: none"> • <code>xs:string</code> <ul style="list-style-type: none"> • <code>AvailablePortServices_firefightingServiceLabel</code> • <code>AvailablePortServices_firefightingServiceType</code> 				
Properties	<table border="1"> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> </table>	content:	complex	minOccurs:	0
content:	complex				
minOccurs:	0				

	maxOccurs:	unbounded		
Attributes	QName	Type	Use	

Element AvailablePortServicesType / medicalService

Namespace	http://www.ihc.int/S131/2.0									
Diagram	<pre> classDiagram AvailablePortServices_medicalServiceType < -- AvailablePortServices_medicalService ... AvailablePortServices_medicalServiceType < -- AvailablePortServices_medicalServiceLabel AvailablePortServices_medicalServiceLabel < -- Custom enum: AvailablePortServices/medicalService AvailablePortServices_medicalServiceType < -- @ Attributes AvailablePortServices_medicalServiceType < -- @ code AvailablePortServices_medicalServiceCode < -- Type: AvailablePortServices_medicalServiceCode Note: Restricted values of medicalService in AvailablePortServices </pre>									
Type	AvailablePortServices_medicalServiceType									
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • AvailablePortServices_medicalServiceLabel • AvailablePortServices_medicalServiceType 									
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>				content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex									
minOccurs:	0									
maxOccurs:	unbounded									
Attributes	QName	Type	Use							

Element AvailablePortServicesType / repairService

Namespace	http://www.ihc.int/S131/2.0									
Diagram	<pre> classDiagram AvailablePortServices_repairServiceType < -- AvailablePortServices_repairServiceLabel AvailablePortServices_repairServiceLabel < -- Custom enum: AvailablePortServices/repairService AvailablePortServices_repairServiceType < -- @ Attributes AvailablePortServices_repairServiceType < -- @ code AvailablePortServices_repairServiceCode < -- Type: AvailablePortServices_repairServiceCode Note: Restricted values of repairService in AvailablePortServices </pre>									
Type	AvailablePortServices_repairServiceType									
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • AvailablePortServices_repairServiceLabel • AvailablePortServices_repairServiceType 									
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>				content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex									
minOccurs:	0									
maxOccurs:	unbounded									

Attributes	QName	Type	Use
	code	AvailablePortServices_repairServiceCode	required

Element AvailablePortServicesType / technicalPortService

Namespace	http://www.oho.int/S131/2.0		
Diagram	<pre> classDiagram AvailablePortServices_technicalPortServiceType < -- AvailablePortServices_technicalPortServiceLabel AvailablePortServices_technicalPortServiceLabel { code : AvailablePortServices_technicalPortServiceCode } note over AvailablePortServices_technicalPortServiceLabel, AvailablePortServices_technicalPortServiceType: Restricted values of technicalPortService in AvailablePortServices </pre>		
Type	AvailablePortServices_technicalPortServiceType		
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • AvailablePortServices_technicalPortServiceLabel • AvailablePortServices_technicalPortServiceType 		
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: unbounded</p>		
Attributes	QName	Type	Use
	code	AvailablePortServices_technicalPortServiceCode	required

Element AvailablePortServicesType / shipSanitationControl

Namespace	http://www.oho.int/S131/2.0		
Diagram	<pre> classDiagram AvailablePortServices_shipSanitationControlType < -- AvailablePortServices_shipSanitationControlLabel AvailablePortServices_shipSanitationControlLabel { code : AvailablePortServices_shipSanitationControlCode } note over AvailablePortServices_shipSanitationControlLabel, AvailablePortServices_shipSanitationControlType: Restricted values of shipSanitationControl in AvailablePortServices </pre>		
Type	AvailablePortServices_shipSanitationControlType		
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • AvailablePortServices_shipSanitationControlLabel • AvailablePortServices_shipSanitationControlType 		
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: unbounded</p>		

Attributes	QName	Type	Use
	code	AvailablePortServices_shipSanitationControlCode	required

Element AvailablePortServicesType / transportConnection

Namespace	http://www.oho.int/S131/2.0						
Diagram	<p>The diagram illustrates the schema structure for the <code>transportConnection</code> element. It points to the <code>AvailablePortServices_transportConnectionType</code>, which is defined as a <code>xs:anySimpleType</code>. This type includes a <code>transportConnectionLabel_Union</code> that defines a union for labels corresponding to extra codelist values. The <code>code</code> attribute is shown as a child of this union, with its type being <code>AvailablePortServices_transportConnectionCode</code>. A note indicates that the restricted values of <code>transportConnection</code> are defined in <code>AvailablePortServices</code>.</p>						
Type	AvailablePortServices_transportConnectionType						
Type hierarchy	<ul style="list-style-type: none"> • <code>xs:anySimpleType</code> <ul style="list-style-type: none"> • <code>transportConnectionLabel_Union</code> • <code>AvailablePortServices_transportConnectionType</code> 						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>AvailablePortServices_transportConnectionCode</td> <td>optional</td> </tr> </tbody> </table>	QName	Type	Use	code	AvailablePortServices_transportConnectionCode	optional
QName	Type	Use					
code	AvailablePortServices_transportConnectionCode	optional					

Element AvailablePortServicesType / berthingAssistance

Namespace	http://www.oho.int/S131/2.0						
Diagram	<p>The diagram illustrates the schema structure for the <code>berthingAssistance</code> element. It points to the <code>AvailablePortServices_berthingAssistanceType</code>, which is defined as a <code>xs:string</code>. This type includes a <code>AvailablePortServices_berthingAssistanceLabel</code> that defines a custom enum for <code>AvailablePortServices/berthingAssistance</code>. The <code>code</code> attribute is shown as a child of this label, with its type being <code>AvailablePortServices_berthingAssistanceType</code>. A note indicates that the restricted values of <code>berthingAssistance</code> are defined in <code>AvailablePortServices</code>.</p>						
Type	AvailablePortServices_berthingAssistanceType						
Type hierarchy	<ul style="list-style-type: none"> • <code>xs:string</code> <ul style="list-style-type: none"> • <code>AvailablePortServices_berthingAssistanceLabel</code> • <code>AvailablePortServices_berthingAssistanceType</code> 						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						

Attributes	QName	Type	Use
	code	AvailablePortServices_berthingAssistanceCode	required

Element AvailablePortServicesType / cargoService

Namespace	http://www.ihc.int/S131/2.0		
Diagram			
Type	AvailablePortServices_cargoServiceType		
Type hierarchy	<ul style="list-style-type: none"> • xs:string • AvailablePortServices_cargoServiceLabel • AvailablePortServices_cargoServiceType 		
Properties	content:	complex	
	minOccurs:	0	
	maxOccurs:	unbounded	
Attributes	QName	Type	Use
	code	AvailablePortServices_car- goServiceCode	required

Element AvailablePortServicesType / securitySafetyEmergencyService

Namespace	http://www.ihc.int/S131/2.0		
Diagram			
Type	AvailablePortServices_securitySafetyEmergencyServiceType		
Type hierarchy	<ul style="list-style-type: none"> • xs:anySimpleType • securitySafetyEmergencyServiceLabel_Union • AvailablePortServices_securitySafetyEmergencyServiceType 		
Properties	content:	complex	
	minOccurs:	0	
	maxOccurs:	unbounded	

Attributes	QName	Type	Use
	code	AvailablePortServices_securitySafetyEmergencyServiceCode	optional

Element AvailablePortServicesType / wasteDisposalService

Namespace	http://www.oho.int/S131/2.0		
Diagram			
Type	AvailablePortServices_wasteDisposalServiceType		
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • AvailablePortServices_wasteDisposalServiceLabel • AvailablePortServices_wasteDisposalServiceType 		
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: unbounded</p>		
Attributes	QName	Type	Use
	code	AvailablePortServices_wasteDisposalServiceCode	required

Element AvailablePortServicesType / supplyService

Namespace	http://www.oho.int/S131/2.0		
Diagram			
Type	AvailablePortServices_supplyServiceType		
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • AvailablePortServices_supplyServiceLabel • AvailablePortServices_supplyServiceType 		
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: unbounded</p>		

Attributes	QName	Type	Use
	code	AvailablePortServices_supplyServiceCode	required

Element AvailablePortServicesType / tugInformation

Namespace	http://www.oho.int/S131/2.0						
Diagram	<pre> classDiagram class tugInformation { <<Type: tugInformationType>> } class tugInformationType { <<Textual description of the types and capacities of available tugs.>> } tugInformation "0..1" -- "1" tugInformationType </pre>						
Type	tugInformationType						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						

Element AvailablePortServicesType / textContent

Namespace	http://www.oho.int/S131/2.0						
Diagram	<pre> classDiagram class textContent { <<Type: textContentType>> } class textContentType { <<Textual material, or a pointer to a resource providing textual material. May be accompanied by basic information about...>> categoryOfText information onlineResource sourceIndication } textContent "0..1" -- "1" textContentType </pre>						
Type	textContentType						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Model	categoryOfText{0,1} , information* , onlineResource{0,1} , sourceIndication*						

Element ContactDetailsType / callName

Namespace	http://www.oho.int/S131/2.0						
Diagram	<pre> classDiagram class callName { <<Type: callNameType>> } class callNameType { <<The designated call name of a station; for example, radio station, radar station, pilot.>> } callName "0..1" -- "1" callNameType </pre>						
Type	callNameType						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						

Element ContactDetailsType / callSign

Namespace	http://www.oho.int/S131/2.0
Diagram	<pre> classDiagram class callSign { <<Type: callSignType>> } class callSignType { <<The designated call-sign of a station (radio station, radar station, pilot, ...).>> } callSign "0..1" -- "1" callSignType </pre>

Type	callSignType
Properties	content: simple minOccurs: 0 maxOccurs: 1

Element ContactDetailsType / categoryOfCommunicationPreference

Namespace	http://www.oho.int/S131/2.0						
Diagram	<p>The diagram illustrates the structure of the <code>ContactDetails_categoryOfCommunicationPreferenceType</code> element. It shows the type hierarchy where <code>categoryOfCommunicationPreference</code> is a base type. This type has attributes <code>ContactDetails_categoryOfCommunicationPreferenceLabel</code> and <code>code</code>. A note at the bottom indicates that the <code>categoryOfCommunicationPreference</code> in <code>ContactDetails</code> has restricted values.</p>						
Type	ContactDetails_categoryOfCommunicationPreferenceType						
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • ContactDetails_categoryOfCommunicationPreferenceLabel • ContactDetails_categoryOfCommunicationPreferenceType 						
Properties	content: complex minOccurs: 0 maxOccurs: 1						
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>ContactDetails_categoryOfCommunicationPreferenceCode</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	code	ContactDetails_categoryOfCommunicationPreferenceCode	required
QName	Type	Use					
code	ContactDetails_categoryOfCommunicationPreferenceCode	required					

Element ContactDetailsType / communicationChannel

Namespace	http://www.oho.int/S131/2.0
Diagram	<p>The diagram shows the <code>communicationChannelType</code> element. It is defined as a type with a note stating: "A channel number assigned to a specific radio frequency, frequencies or frequency band."</p>
Type	communicationChannelType
Properties	content: simple minOccurs: 0 maxOccurs: unbounded

Element ContactDetailsType / contactInstructions

Namespace	http://www.oho.int/S131/2.0
Diagram	<p>The diagram shows the <code>contactInstructionsType</code> element. It is defined as a type with a note stating: "Instructions provided on how to contact a particular person, organisation or service."</p>
Type	contactInstructionsType
Properties	content: simple

minOccurs:	0
maxOccurs:	1

Element ContactDetailsType / language

Namespace	http://www.oho.int/S131/2.0
Diagram	
Type	languageType
Properties	content: simple minOccurs: 0 maxOccurs: unbounded

Element ContactDetailsType / mMSICode

Namespace	http://www.oho.int/S131/2.0
Diagram	
Type	mMSICodeType
Properties	content: simple minOccurs: 0 maxOccurs: 1

Element ContactDetailsType / contactAddress

Namespace	http://www.oho.int/S131/2.0
Diagram	
Type	contactAddressType
Properties	content: complex minOccurs: 0 maxOccurs: unbounded
Model	deliveryPoint*, cityName{0,1}, administrativeDivision{0,1}, countryName{0,1}, postalCode{0,1}

Element ContactDetailsType / frequencyPair

Namespace	http://www.oho.int/S131/2.0
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Diagram	<pre> classDiagram frequencyPair < -- frequencyPairType frequencyPairType { frequencyShoreStationReceives Type frequencyShoreStationReceivesType frequencyShoreStationTransmits Type frequencyShoreStationTransmitsType } note over frequencyPairType: A pair of frequencies for transmitting and receiving radio signals. The shore station transmits and receives on the... </pre>						
Type	frequencyPairType						
Properties	<table border="1"> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> <tr> <td>maxOccurs:</td><td>unbounded</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Model	frequencyShoreStationReceives{0,1} , frequencyShoreStationTransmits						

Element ContactDetailsType / information

Namespace	http://www.ihc.int/S131/2.0						
Diagram	<pre> classDiagram information < -- informationType informationType { fileLocator Type fileLocatorType fileReference Type fileReferenceType headline Type headlineType language Type languageType text Type textType } note over informationType: Textual information about the feature. The information may be provided as a string of text or as a file name of a... </pre>						
Type	informationType						
Properties	<table border="1"> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> <tr> <td>maxOccurs:</td><td>unbounded</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Model	fileLocator{0,1} , fileReference{0,1} , headline* , language{0,1} , text{0,1}						

Element ContactDetailsType / onlineResource

Namespace	http://www.ihc.int/S131/2.0
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Diagram	
Type	onlineResourceType
Properties	content: complex minOccurs: 0 maxOccurs: unbounded
Model	linkage , protocol{0,1} , applicationProfile{0,1} , nameOfResource{0,1} , onlineResourceDescription{0,1} , onlineFunction{0,1} , protocolRequest{0,1}

Element ContactDetailsType / telecommunications

Namespace	http://www.ihc.int/S131/2.0
Diagram	
Type	telecommunicationsType
Properties	content: complex minOccurs: 0 maxOccurs: unbounded
Model	categoryOfCommunicationPreference{0,1} , telecommunicationIdentifier , telecommunicationCarrier{0,1} , contactInstructions{0,1} , telecommunicationService*

Element ContactDetailsType / theAuthority

Namespace	http://www.ihc.int/S131/2.0																																																						
Annotations	Authority[0..*]																																																						
Diagram																																																							
Type	gml:ReferenceType																																																						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>					content:	complex	minOccurs:	0	maxOccurs:	unbounded																																												
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xlink:actuate	xlink:actuateType			optional																																																			
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xlink:title	xlink:titleAttrType			optional																																																			
xlink:type	xlink:typeType	simple		optional																																																			

Element EntranceType / entranceDescription

Namespace	http://www.ihc.int/S131/2.0										
Diagram											
Type	entranceDescriptionType										
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>					content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple										
minOccurs:	0										
maxOccurs:	1										

Element EntranceType / associatedFeatureName

Namespace	http://www.ihc.int/S131/2.0				
Diagram					

Type	associatedFeatureNameType
Properties	content: simple minOccurs: 0 maxOccurs: unbounded

Element EntranceType / localKnowledgeDescription

Namespace	http://www.ih0.int/S131/2.0
Diagram	
Type	localKnowledgeDescriptionType
Properties	content: simple minOccurs: 0 maxOccurs: 1

Element EntranceType / approachDescription

Namespace	http://www.ih0.int/S131/2.0
Diagram	
Type	approachDescriptionType
Properties	content: simple minOccurs: 0 maxOccurs: 1

Element EntranceType / markedBy

Namespace	http://www.ih0.int/S131/2.0
Diagram	
Type	markedByType
Properties	content: complex minOccurs: 0 maxOccurs: unbounded
Model	textContent+

Element EntranceType / landmarkDescription

Namespace	http://www.ih0.int/S131/2.0
Diagram	
Type	landmarkDescriptionType

Properties	content: complex minOccurs: 0 maxOccurs: unbounded
Model	textContent+

Element EntranceType / offshoreMarkDescription

Namespace	http://www.ihc.int/S131/2.0
Diagram	<pre> classDiagram class offshoreMarkDescription { <<offshoreMarkDescriptionType>> } class textContent { <<textContentType>> } offshoreMarkDescription "1..>" -- "textContent" </pre> <p>The diagram shows the <code>offshoreMarkDescription</code> element as a complex type. It contains a <code>textContent</code> element with a multiplicity of <code>1..></code>. A callout box provides the definition: "Description of aids to navigation or prominent marks located away from the shore."</p>
Type	offshoreMarkDescriptionType
Properties	content: complex minOccurs: 0 maxOccurs: unbounded
Model	textContent+

Element EntranceType / majorLightDescription

Namespace	http://www.ihc.int/S131/2.0
Diagram	<pre> classDiagram class majorLightDescription { <<majorLightDescriptionType>> } class textContent { <<textContentType>> } majorLightDescription "1..>" -- "textContent" </pre> <p>The diagram shows the <code>majorLightDescription</code> element as a complex type. It contains a <code>textContent</code> element with a multiplicity of <code>1..></code>. A callout box provides the definition: "A description of navigational significant lights essential for marking landfalls, offshore dangers, shipping routes,..."</p>
Type	majorLightDescriptionType
Properties	content: complex minOccurs: 0 maxOccurs: unbounded
Model	textContent+

Element EntranceType / usefulMarkDescription

Namespace	http://www.ihc.int/S131/2.0
Diagram	<pre> classDiagram class usefulMarkDescription { <<usefulMarkDescriptionType>> } class textContent { <<textContentType>> } usefulMarkDescription "1..>" -- "textContent" </pre> <p>The diagram shows the <code>usefulMarkDescription</code> element as a complex type. It contains a <code>textContent</code> element with a multiplicity of <code>1..></code>. A callout box provides the definition: "Description of Aids to Navigation or prominent marks which are usually clearly visible and identifiable enough to be..."</p>
Type	usefulMarkDescriptionType
Properties	content: complex minOccurs: 0 maxOccurs: unbounded
Model	textContent+

Element EntranceType / textContent

Namespace	http://www.ihc.int/S131/2.0
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Diagram	<pre> classDiagram textContentType < -- textContent textContentType "0..∞" --> categoryOfText : Type textContent_categoryOfTextType textContentType "0..∞" --> information : Type informationType textContentType "0..∞" --> onlineResource : Type onlineResourceType textContentType "0..∞" --> sourceIndication : Type sourceIndicationType </pre> <p>Textual material, or a pointer to a resource providing textual material. May be accompanied by basic information about...</p>						
Type	textContentType						
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">complex</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">0</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">unbounded</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Model	categoryOfText{0,1} , information* , onlineResource{0,1} , sourceIndication*						

Element NonStandardWorkingDayType / dateFixed

Namespace	http://www.aho.int/S131/2.0						
Diagram	<pre> classDiagram dateFixedType < -- S100:S100_TruncatedDate S100:S100_TruncatedDate "0..∞" --> gDay : Type S100:S100_TruncatedDate "0..∞" --> gMonth : Type S100:S100_TruncatedDate "0..∞" --> gYear : Type S100:S100_TruncatedDate "0..∞" --> gMonthDay : Type S100:S100_TruncatedDate "0..∞" --> gYearMonth : Type S100:S100_TruncatedDate "0..∞" --> date : Type </pre> <p>built in date types from W3C XML schema, implementing S-100 truncated date</p> <p>The date of an event.</p>						
Type	dateFixedType						
Type hierarchy	<ul style="list-style-type: none"> • S100_TruncatedDate • dateFixedType 						
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">complex</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">0</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">unbounded</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Model	gDay gMonth gYear gMonthDay gYearMonth date						

Element NonStandardWorkingDayType / dateVariable

Namespace	http://www.aho.int/S131/2.0
Diagram	<pre> classDiagram dateVariable < -- dateVariableType </pre> <p>A day which is not fixed in the Gregorian calendar.</p>
Type	dateVariableType

Properties	content: simple minOccurs: 0 maxOccurs: unbounded
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Element NonStandardWorkingDayType / information

Namespace	http://www.oho.int/S131/2.0
Diagram	
Type	informationType
Properties	content: complex minOccurs: 0 maxOccurs: unbounded
Model	fileLocator{0,1} , fileReference{0,1} , headline* , language{0,1} , text{0,1}

Element ServiceHoursType / scheduleByDayOfWeek

Namespace	http://www.oho.int/S131/2.0
Diagram	
Type	scheduleByDayOfWeekType
Properties	content: complex minOccurs: 1 maxOccurs: unbounded
Model	categoryOfSchedule{0,1} , text{0,1} , timeIntervalsByDayOfWeek+

Element ServiceHoursType / information

Namespace	http://www.oho.int/S131/2.0
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Diagram	<pre> classDiagram class informationType { fileLocator : fileLocatorType fileReference : fileReferenceType headline : headlineType [0..oo] language : languageType text : textType } class information { Type : informationType } information < -- informationType </pre>						
Type	informationType						
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">complex</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">0</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">unbounded</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Model	fileLocator{0,1} , fileReference{0,1} , headline* , language{0,1} , text{0,1}						

Element ServiceHoursType / partialWorkingDay

Namespace	http://www.iho.int/S131/2.0																																												
Annotations	NonStandardWorkingDay[0..*]																																												
Diagram	<pre> classDiagram class gmlReferenceType { @Attributes gmlOwnershipAttributeGroup gmlAssociationAttributeGroup } class partialWorkingDay { Type : gmlReferenceType } partialWorkingDay --> NonStandardWorkingDay [0..*] </pre>																																												
Type	gml:ReferenceType																																												
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">complex</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">0</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">unbounded</td></tr> </table>					content:	complex	minOccurs:	0	maxOccurs:	unbounded																																		
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QName	Type	Fixed	Default	Use																																									
nilReason	gml:NilReasonType			optional																																									
owns	boolean		false	optional																																									
xlink:actuate	xlink:actuateType			optional																																									
xlink:arcrole	xlink:arcroleType			optional																																									
xlink:href	xlink:hrefType			optional																																									
xlink:role	xlink:roleType			optional																																									
xlink:show	xlink:showType			optional																																									

QName	Type	Fixed	Default	Use
xlink:title	xlink:titleAttrType			optional
xlink:type	xlink:typeType	simple		optional

Element serviceHoursType / theAuthority_srvHrs

Namespace	http://www.ih0.int/S131/2.0																																																		
Annotations	Authority[0..*]																																																		
Diagram																																																			
Type	gml:ReferenceType																																																		
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded																																												
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xlink:type	xlink:typeType	simple		optional																																															

Element SpatialQualityType / qualityOfHorizontalMeasurement

Namespace	http://www.ih0.int/S131/2.0
Diagram	

Type	SpatialQuality_qualityOfHorizontalMeasurementType		
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • SpatialQuality_qualityOfHorizontalMeasurementLabel • SpatialQuality_qualityOfHorizontalMeasurementType 		
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>		
Attributes	QName	Type	Use
	code	SpatialQuality_qualityOfHorizontalMeasurementCode	required

Element **SpatialQualityType / spatialAccuracy**

Namespace	http://www.ihodata.org/S131/2.0
Diagram	<pre> classDiagram class spatialAccuracyType { fixedDateRange : fixedDateRangeType horizontalPositionUncertainty : horizontalPositionUncertaintyType verticalUncertainty : verticalUncertaintyType } spatialAccuracyType < -- spatialAccuracy spatialAccuracy < -- spatialAccuracyType </pre> <p>The diagram shows a class named <code>spatialAccuracyType</code> which contains three attributes: <code>fixedDateRange</code> (Type: <code>fixedDateRangeType</code>), <code>horizontalPositionUncertainty</code> (Type: <code>horizontalPositionUncertaintyType</code>), and <code>verticalUncertainty</code> (Type: <code>verticalUncertaintyType</code>). A note below the class states: "Provides an indication of the vertical and horizontal positional uncertainty of bathymetric data, optionally within a...".</p>
Type	spatialAccuracyType
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: unbounded</p>
Model	fixedDateRange{0,1} , horizontalPositionUncertainty{0,1} , verticalUncertainty{0,1}

Element **FeatureType / locationMRN**

Namespace	http://www.ihodata.org/S131/2.0
Diagram	<pre> classDiagram class locationMRN { <<locationMRN>> } locationMRN < -- locationMRNType </pre> <p>The diagram shows a class named <code>locationMRN</code> which contains a single attribute <code>locationMRNType</code>. A note below the class states: "Location identifier, based on MRN. This can be either a specific identifier for an identified physical location or a...".</p>
Type	locationMRNType
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>

Element **FeatureType / globalLocationNumber**

Namespace	http://www.ihodata.org/S131/2.0
Diagram	<pre> classDiagram class globalLocationNumber { <<globalLocationNumber>> } globalLocationNumber < -- globalLocationNumberType </pre> <p>The diagram shows a class named <code>globalLocationNumber</code> which contains a single attribute <code>globalLocationNumberType</code>. A note below the class states: "A globally unique, standardised identifier for parties and locations in business processes or supply chains."</p>
Type	globalLocationNumberType
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>

Element FeatureTypeType / interoperabilityIdentifier

Namespace	http://www.ihc.int/S131/2.0
Diagram	
Type	interoperabilityIdentifierType
Properties	content: simple minOccurs: 0 maxOccurs: unbounded

Element FeatureTypeType / featureName

Namespace	http://www.ihc.int/S131/2.0
Diagram	
Type	featureNameType
Properties	content: complex minOccurs: 0 maxOccurs: unbounded
Model	language , name , nameUsage{0,1}

Element FeatureTypeType / fixedDateRange

Namespace	http://www.ihc.int/S131/2.0
Diagram	
Type	fixedDateRangeType
Properties	content: complex minOccurs: 0 maxOccurs: 1
Model	dateStart{0,1} , dateEnd{0,1}

Element FeatureTypeType / periodicDateRange

Namespace	http://www.ihc.int/S131/2.0
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Diagram	<pre> classDiagram class periodicDateRange { <<periodicDateRange>> <<Type periodicDateRangeType>> } class periodicDateRangeType { <<periodicDateRangeType>> dateStart : dateType dateEnd : dateType } periodicDateRange "1..>" periodicDateRangeType dateStart "1..1" dateType dateEnd "1..1" dateType note "The active period of a recurring event or occurrence" </pre>						
Type	periodicDateRangeType						
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">complex</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">0</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">unbounded</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Model	dateStart , dateEnd						

Element FeatureType / rxNCode

Namespace	http://www.oho.int/S131/2.0						
Diagram	<pre> classDiagram class rxNCode { <<rxNCode>> <<Type rxNCodeType>> } class rxNCodeType { <<rxNCodeType>> categoryOfRxN : categoryOfRxNType {0..1} actionOrActivity : actionOrActivityType {0..1} headline : headlineType {0..oo} } rxNCode "1..>" rxNCodeType categoryOfRxN "0..1" categoryOfRxNType actionOrActivity "0..1" actionOrActivityType headline "0..oo" headlineType note "A summary of the impact of the most common types of regulation, restriction, recommendation and nautical information on..." </pre>						
Type	rxNCodeType						
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">complex</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">0</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">unbounded</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Model	categoryOfRxN{0,1} , actionOrActivity{0,1} , headline*						

Element FeatureType / graphic

Namespace	http://www.oho.int/S131/2.0
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Diagram	<pre> classDiagram class graphic { Type graphicType } class graphicType { 1..∞ pictorialRepresentation { Type pictorialRepresentationType } pictureCaption { Type pictureCaptionType } sourceDate { Type sourceDateType } pictureInformation { Type pictureInformationType } bearingInformation { Type bearingInformationType } } graphic "0..1" -- "1..∞" graphicType note over graphicType: Pictorial information such as a photograph, sketch or other graphic, optionally accompanied by descriptive information... </pre>						
Type	graphicType						
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> <tr> <td>maxOccurs:</td><td>unbounded</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Model	pictorialRepresentation+, pictureCaption{0,1}, sourceDate{0,1}, pictureInformation{0,1}, bearingInformation{0,1}						

Element FeatureTypeType / sourceIndication

Namespace	http://www.ih0.int/S131/2.0						
Diagram	<pre> classDiagram class sourceIndication { Type sourceIndicationType } class sourceIndicationType { categoryOfAuthority { Type sourceIndication_categoryOfAuthorityType } countryName { Type countryNameType } source { Type sourceType } sourceType { Type sourceIndication_sourceTypeType } reportedDate { Type reportedDateType } 0..∞ featureName { Type featureNameType } } sourceIndication "0..1" -- "1..∞" sourceIndicationType note over sourceIndicationType: Information about the source document, publication, or reference from which object data or textual material included or... </pre>						
Type	sourceIndicationType						
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> <tr> <td>maxOccurs:</td><td>unbounded</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Model	categoryOfAuthority{0,1}, countryName{0,1}, source{0,1}, sourceType{0,1}, reportedDate{0,1}, featureName*						

Element FeatureTypeType / textContent

Namespace	http://www.ih0.int/S131/2.0
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Diagram	<pre> classDiagram class textContentType { categoryOfText information onlineResource sourceIndication } textContentType "0..*" --> "0..*" textContentType : </pre>						
Type	textContentType						
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">complex</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">0</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">unbounded</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Model	categoryOfText{0,1} , information* , onlineResource{0,1} , sourceIndication*						

Element FeatureType / permission

Namespace	http://www.ihc.int/S131/2.0							
Annotations	Applicability[0..*]							
Diagram	<pre> classDiagram class permissionType { <<gml:ReferenceType (extension base)>> Attributes gmt:OwnershipAttributeGroup gmt:AssociationAttributeGroup } permissionType "0..*" --> "0..*" permissionType : </pre>							
Type	permissionType							
Type hierarchy	<ul style="list-style-type: none"> • gml:ReferenceType • permissionType 							
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">complex</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">0</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">unbounded</td></tr> </table>		content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex							
minOccurs:	0							
maxOccurs:	unbounded							
Model	PermissionType							
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%;">QName</th><th style="width: 33%;">Type</th><th style="width: 33%;">Fixed</th></tr> </thead> <tbody> <tr> <td>nilReason</td><td>gml:nilReasonType</td><td></td></tr> </tbody> </table>		QName	Type	Fixed	nilReason	gml:nilReasonType	
QName	Type	Fixed						
nilReason	gml:nilReasonType							

QName	Type	Fixed	Default	Use
owns	boolean		false	optional
xlink:actuate	xlink:actuateType			optional
xlink:arcrole	xlink:arcroleType			optional
xlink:href	xlink:hrefType			optional
xlink:role	xlink:roleType			optional
xlink:show	xlink:showType			optional
xlink:title	xlink:titleAttrType			optional
xlink:type	xlink:typeType	simple		optional

Element permissionType / PermissionType

Namespace	http://www.ihc.int/S131/2.0						
Diagram	<pre> classDiagram class PermissionTypeType { <<PermissionType>> <<Type>> <<PermissionTypeType>> attribute @gml:id association categoryOfRelationship } class categoryOfRelationship { <<categoryOfRelationship>> <<Type>> <<categoryOfRelationshipType>> } PermissionTypeType "1" -- "1" categoryOfRelationship </pre>						
Type	PermissionTypeType						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	1	maxOccurs:	1
content:	complex						
minOccurs:	1						
maxOccurs:	1						
Model	categoryOfRelationship						
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>optional</td> </tr> </tbody> </table> <p>The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>	QName	Type	Use	gml:id	ID	optional
QName	Type	Use					
gml:id	ID	optional					

Element PermissionTypeType / categoryOfRelationship

Namespace	http://www.ihc.int/S131/2.0
Diagram	<pre> classDiagram class categoryOfRelationshipType { <<categoryOfRelationship>> <<Type>> <<categoryOfRelationshipType>> attribute code attribute categoryOfRelationshipCode } class categoryOfRelationshipLabel { <<categoryOfRelationshipLabel>> <<Type>> <<categoryOfRelationshipType>> } categoryOfRelationshipType "1" -- "1" categoryOfRelationshipLabel </pre>
Type	categoryOfRelationshipType

Type hierarchy	<ul style="list-style-type: none"> xs:string categoryOfRelationshipLabel categoryOfRelationshipType 						
Properties	content: complex minOccurs: 1 maxOccurs: 1						
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>categoryOfRelationshipCode</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	code	categoryOfRelationshipCode	required
QName	Type	Use					
code	categoryOfRelationshipCode	required					

Element FeatureTypeType / theRxN

Namespace	http://www.ihc.int/S131/2.0																																																		
Annotations	AbstractRxN[0..*]																																																		
Diagram																																																			
Type	gm:ReferenceType																																																		
Properties	content: complex minOccurs: 0 maxOccurs: unbounded																																																		
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xlink:title	xlink:titleAttrType			optional																																															
xlink:type	xlink:typeType	simple		optional																																															

Element FeatureTypeType / theInformation

Namespace	http://www.ihc.int/S131/2.0
Annotations	NauticalInformation[0..*]

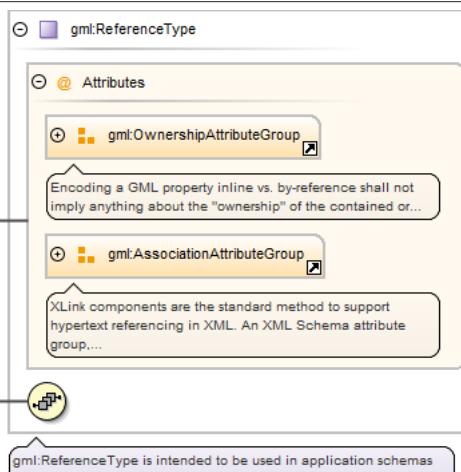
Diagram	<p>The diagram shows the UML class <code>gml:ReferenceType</code>. It has two attributes: <code>gml:OwnershipAttributeGroup</code> and <code>gml:AssociationAttributeGroup</code>. A note states: "Encoding a GML property inline vs. by-reference shall not imply anything about the 'ownership' of the contained or..." Another note states: "XLink components are the standard method to support hypertext referencing in XML. An XML Schema attribute group....". A third note at the bottom states: "gml:ReferenceType is intended to be used in application schemas directly, if a property element shall use a...".</p>																																																		
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QName	Type	Fixed	Default	Use																																															
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<code>xlink:title</code>	<code>xlink:titleAttrType</code>			optional																																															
<code>xlink:type</code>	<code>xlink:typeType</code>	simple		optional																																															

Element FeatureType / theCartographicText

Namespace	http://www.ihc.int/S131/2.0				
Annotations	<code>TextPlacement[0..1]</code>				
Diagram	<p>The diagram shows the UML class <code>gml:ReferenceType</code>. It has two attributes: <code>gml:OwnershipAttributeGroup</code> and <code>gml:AssociationAttributeGroup</code>. A note states: "Encoding a GML property inline vs. by-reference shall not imply anything about the 'ownership' of the contained or..." Another note states: "XLink components are the standard method to support hypertext referencing in XML. An XML Schema attribute group....". A third note at the bottom states: "gml:ReferenceType is intended to be used in application schemas directly, if a property element shall use a...".</p>				
Type	<code>gml:ReferenceType</code>				
Properties	<table> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> </table>	content:	complex	minOccurs:	0
content:	complex				
minOccurs:	0				

	maxOccurs:	1				
Model						
Attributes	QName	Type	Fixed	Default	Use	
	nilReason	gml:NilReasonType			optional	
	owns	boolean		false	optional	
	xlink:actuate	xlink:actuateType			optional	
	xlink:arcrole	xlink:arcroleType			optional	
	xlink:href	xlink:hrefType			optional	
	xlink:role	xlink:roleType			optional	
	xlink:show	xlink:showType			optional	
	xlink:title	xlink:titleAttrType			optional	
	xlink:type	xlink:typeType	simple		optional	

Element OrganizationContactAreaType / theContactDetails

Namespace	http://www.iho.int/S131/2.0											
Annotations	ContactDetails[0..*]											
Diagram												
Type	gml:ReferenceType											
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>						content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex											
minOccurs:	0											
maxOccurs:	unbounded											
Model												
Attributes	QName	Type	Fixed	Default	Use							
	nilReason	gml:NilReasonType			optional							
	owns	boolean		false	optional							
	xlink:actuate	xlink:actuateType			optional							
	xlink:arcrole	xlink:arcroleType			optional							
	xlink:href	xlink:hrefType			optional							
	xlink:role	xlink:roleType			optional							
	xlink:show	xlink:showType			optional							
	xlink:title	xlink:titleAttrType			optional							
	xlink:type	xlink:typeType	simple		optional							

Element SupervisedAreaType / controlAuthority

Namespace	http://www.iho.int/S131/2.0					
Annotations	Authority[0..1]					

Diagram	<p>The diagram illustrates the structure of the <code>gml:ReferenceType</code> element. It shows the element itself with its type <code>gml:ReferenceType</code>. Below it, the <code>controlAuthority</code> attribute is shown with its type <code>gml:ReferenceType</code> and a multiplicity of <code>Authority[0..1]</code>. A line connects this attribute to a larger box containing two groups of attributes: <code>gml:OwnershipAttributeGroup</code> and <code>gml:AssociationAttributeGroup</code>. Each group has associated annotations explaining their purpose. A legend at the bottom right indicates that blue boxes represent XML Schema components and yellow boxes represent GML-specific components.</p>																																																		
Type	<code>gml:ReferenceType</code>																																																		
Properties	<table> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1																																												
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minOccurs:	0																																																		
maxOccurs:	1																																																		
Model																																																			
Attributes	<table border="1"> <thead> <tr> <th>QName</th><th>Type</th><th>Fixed</th><th>Default</th><th>Use</th></tr> </thead> <tbody> <tr> <td><code>nilReason</code></td><td><code>gml:nilReasonType</code></td><td></td><td></td><td>optional</td></tr> <tr> <td><code>owns</code></td><td><code>boolean</code></td><td></td><td>false</td><td>optional</td></tr> <tr> <td><code>xlink:actuate</code></td><td><code>xlink:actuateType</code></td><td></td><td></td><td>optional</td></tr> <tr> <td><code>xlink:arcrole</code></td><td><code>xlink:arcroleType</code></td><td></td><td></td><td>optional</td></tr> <tr> <td><code>xlink:href</code></td><td><code>xlink:hrefType</code></td><td></td><td></td><td>optional</td></tr> <tr> <td><code>xlink:role</code></td><td><code>xlink:roleType</code></td><td></td><td></td><td>optional</td></tr> <tr> <td><code>xlink:show</code></td><td><code>xlink:showType</code></td><td></td><td></td><td>optional</td></tr> <tr> <td><code>xlink:title</code></td><td><code>xlink:titleAttrType</code></td><td></td><td></td><td>optional</td></tr> <tr> <td><code>xlink:type</code></td><td><code>xlink:typeType</code></td><td>simple</td><td></td><td>optional</td></tr> </tbody> </table>	QName	Type	Fixed	Default	Use	<code>nilReason</code>	<code>gml:nilReasonType</code>			optional	<code>owns</code>	<code>boolean</code>		false	optional	<code>xlink:actuate</code>	<code>xlink:actuateType</code>			optional	<code>xlink:arcrole</code>	<code>xlink:arcroleType</code>			optional	<code>xlink:href</code>	<code>xlink:hrefType</code>			optional	<code>xlink:role</code>	<code>xlink:roleType</code>			optional	<code>xlink:show</code>	<code>xlink:showType</code>			optional	<code>xlink:title</code>	<code>xlink:titleAttrType</code>			optional	<code>xlink:type</code>	<code>xlink:typeType</code>	simple		optional
QName	Type	Fixed	Default	Use																																															
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<code>xlink:title</code>	<code>xlink:titleAttrType</code>			optional																																															
<code>xlink:type</code>	<code>xlink:typeType</code>	simple		optional																																															

Element HarbourPhysicalInfrastructureType / infrastructureLocation

Namespace	http://www.ihc.int/S131/2.0				
Annotations	<code>HarbourAreaSection Terminal[0..1]</code>				
Diagram	<p>The diagram illustrates the structure of the <code>infrastructureLocation</code> element. It shows the element itself with its type <code>gml:ReferenceType</code>. Below it, the <code>infrastructureLocation</code> attribute is shown with its type <code>gml:ReferenceType</code> and a multiplicity of <code>HarbourAreaSection Terminal[0..1]</code>. A line connects this attribute to a larger box containing two groups of attributes: <code>gml:OwnershipAttributeGroup</code> and <code>gml:AssociationAttributeGroup</code>. Each group has associated annotations explaining their purpose. A legend at the bottom right indicates that blue boxes represent XML Schema components and yellow boxes represent GML-specific components.</p>				
Type	<code>gml:ReferenceType</code>				
Properties	<table> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> </table>	content:	complex	minOccurs:	0
content:	complex				
minOccurs:	0				

	maxOccurs:	1				
Model						
Attributes	QName	Type	Fixed	Default	Use	
	nilReason	gml:NilReasonType			optional	
	owns	boolean		false	optional	
	xlink:actuate	xlink:actuateType			optional	
	xlink:arcrole	xlink:arcroleType			optional	
	xlink:href	xlink:hrefType			optional	
	xlink:role	xlink:roleType			optional	
	xlink:show	xlink:showType			optional	
	xlink:title	xlink:titleAttrType			optional	
	xlink:type	xlink:typeType	simple		optional	

Element AnchorBerthType / categoryOfAnchorage

Namespace	http://www.ihoint/S131/2.0											
Diagram												
Type	AnchorBerth_categoryOfAnchorageType											
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • AnchorBerth_categoryOfAnchorageLabel • AnchorBerth_categoryOfAnchorageType 											
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>						content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex											
minOccurs:	0											
maxOccurs:	unbounded											
Attributes	QName	Type	Use									
	code	AnchorBerth_categoryOfAnchorageCode	required									

Element AnchorBerthType / categoryOfCargo

Namespace	http://www.ihoint/S131/2.0					
Diagram						
Type	AnchorBerth_categoryOfCargoType					
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • AnchorBerth_categoryOfCargoLabel • AnchorBerth_categoryOfCargoType 					

Type	AnchorBerth_categoryOfCargoType		
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • AnchorBerth_categoryOfCargoLabel • AnchorBerth_categoryOfCargoType 		
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: unbounded</p>		
Attributes	QName	Type	Use
	code	AnchorBerth_categoryOfCargoCode	required

Element AnchorBerthType / radius

Namespace	http://www.ihc.int/S131/2.0		
Diagram	<p>The diagram shows a class named 'radius' with a dependency arrow pointing to another class named 'radiusType'. A callout box provides a detailed description of 'radiusType': 'The vector extending from the centre to the periphery of a circular or spherical feature.'</p>		
Type	radiusType		
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>		
Facets	minExclusive 0 . 0		

Element AnchorBerthType / serviceDescriptionReference

Namespace	http://www.ihc.int/S131/2.0		
Annotations	AvailablePortServices[0..1]		
Diagram	<p>The diagram shows a class named 'serviceDescriptionReference' with a dependency arrow pointing to another class named 'gml:ReferenceType'. A callout box provides a detailed description of 'gml:ReferenceType': 'Encoding a GML property inline vs. by-reference shall not imply anything about the "ownership" of the contained or...'. Another callout box describes 'XLink components are the standard method to support hypertext referencing in XML. An XML Schema attribute group,...'. A third callout box states: 'gml:ReferenceType is intended to be used in application schemas directly, if a property element shall use a...'. A note at the bottom indicates: 'AvailablePortServices[0..1]'.</p>		
Type	gml:ReferenceType		
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>		
Model			
Attributes	QName	Type	Fixed
	nilReason	gml:NilReasonType	
	owns	boolean	false
			optional
			optional

QName	Type	Fixed	Default	Use
xlink:actuate	xlink:actuateType			optional
xlink:arcrole	xlink:arcroleType			optional
xlink:href	xlink:hrefType			optional
xlink:role	xlink:roleType			optional
xlink:show	xlink:showType			optional
xlink:title	xlink:titleAttrType			optional
xlink:type	xlink:typeType	simple		optional

Element AnchorBerthType / facilityOperatingHours

Namespace	http://www.ihc.int/S131/2.0																																																		
Annotations	ServiceHours[0..1]																																																		
Diagram	<pre> classDiagram class facilityOperatingHours { <<Type gml:ReferenceType>> ServiceHours[0..1] } class gml { class ReferenceType { <<Attributes>> class gmlOwnershipAttributeGroup class gmlAssociationAttributeGroup } } facilityOperatingHours --> gml::ReferenceType note over facilityOperatingHours: Encoding a GML property inline vs. by-reference shall not imply anything about the "ownership" of the contained or... note over gmlOwnershipAttributeGroup: XLink components are the standard method to support hypertext referencing in XML. An XML Schema attribute group... note over gmlAssociationAttributeGroup: gml:ReferenceType is intended to be used in application schemas directly, if a property element shall use a... </pre>																																																		
Type	gml:ReferenceType																																																		
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1																																												
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xlink:title	xlink:titleAttrType			optional																																															
xlink:type	xlink:typeType	simple		optional																																															

Element AnchorBerthType / auxiliaryFacility

Namespace	http://www.ihc.int/S131/2.0
Annotations	MooringWarpingFacility[0..*]

Diagram	<pre> classDiagram class gml::ReferenceType { <<gml:OwnershipAttributeGroup>> <<gml:AssociationAttributeGroup>> auxiliaryFacility } auxiliaryFacility "0..*" --> gml::ReferenceType </pre>																																																		
Type	gml:ReferenceType																																																		
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded																																												
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QName	Type	Fixed	Default	Use																																															
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xlink:title	xlink:titleAttrType			optional																																															
xlink:type	xlink:typeType	simple		optional																																															

Element AnchorBerthType / geometry

Namespace	http://www.ihc.int/S131/2.0				
Diagram	<pre> classDiagram class geometry { --> S100:pointProperty --> S100:surfaceProperty } </pre>				
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	maxOccurs:	unbounded
content:	complex				
maxOccurs:	unbounded				
Model	pointProperty surfaceProperty				

Element AnchorageAreaType / categoryOfAnchorage

Namespace	http://www.ihc.int/S131/2.0
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Diagram							
Type	AnchorageArea_categoryOfAnchorageType						
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • AnchorageArea_categoryOfAnchorageLabel <ul style="list-style-type: none"> • AnchorageArea_categoryOfAnchorageType 						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>AnchorageArea_categoryOfAnchorageCode</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	code	AnchorageArea_categoryOfAnchorageCode	required
QName	Type	Use					
code	AnchorageArea_categoryOfAnchorageCode	required					

Element AnchorageAreaType / iSPSLevel

Namespace	http://www.ihc.int/S131/2.0						
Diagram							
Type	AnchorageArea_iSPSLevelType						
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • AnchorageArea_iSPSLevelLabel <ul style="list-style-type: none"> • AnchorageArea_iSPSLevelType 						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>AnchorageArea_iSPSLevelCode</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	code	AnchorageArea_iSPSLevelCode	required
QName	Type	Use					
code	AnchorageArea_iSPSLevelCode	required					

Element AnchorageAreaType / categoryOfCargo

Namespace	http://www.ihc.int/S131/2.0
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Diagram	<pre> classDiagram AnchorageArea_categoryOfCargoType < -- AnchorageArea_categoryOfCargoLabel AnchorageArea_categoryOfCargoLabel < -- categoryOfCargo : Type AnchorageArea_categoryOfCargoType AnchorageArea_categoryOfCargoLabel < -- code : Type AnchorageArea_categoryOfCargoCode code @ Attributes </pre> <p>Restricted values of categoryOfCargo in AnchorageArea</p>						
Type	AnchorageArea_categoryOfCargoType						
Type hierarchy	<ul style="list-style-type: none"> xs:string <ul style="list-style-type: none"> AnchorageArea_categoryOfCargoLabel <ul style="list-style-type: none"> AnchorageArea_categoryOfCargoType 						
Properties	<table> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>AnchorageArea_categoryOfCargoCode</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	code	AnchorageArea_categoryOfCargoCode	required
QName	Type	Use					
code	AnchorageArea_categoryOfCargoCode	required					

Element AnchorageAreaType / locationByText

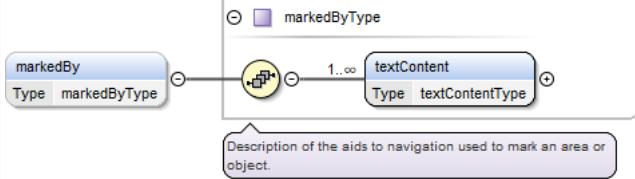
Namespace	http://www.ihoint/S131/2.0						
Diagram	<pre> classDiagram locationByText < -- locationByTextType </pre> <p>A textual rendering of a geographic location.</p>						
Type	locationByTextType						
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						

Element AnchorageAreaType / depthsDescription

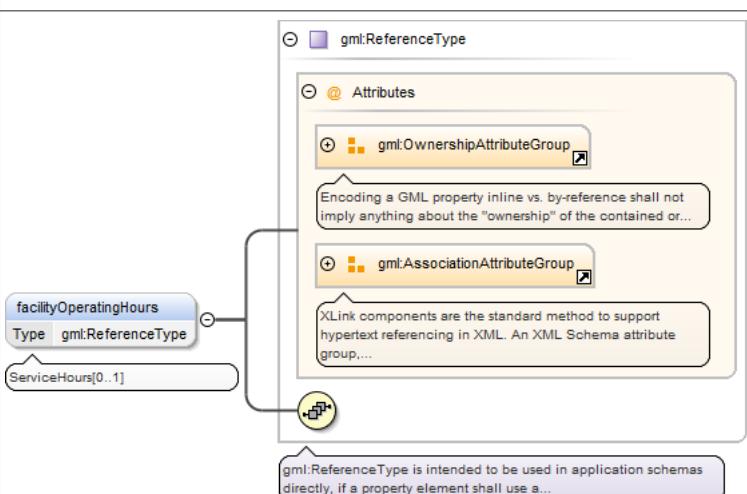
Namespace	http://www.ihoint/S131/2.0						
Diagram	<pre> classDiagram depthsDescription < -- depthsDescriptionType </pre> <p>Textual description of the characteristics and notable matters pertaining to depths in an area.</p>						
Type	depthsDescriptionType						
Properties	<table> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Model	categoryOfDepthsDescription , textContent+						

Element AnchorageAreaType / markedBy

Namespace	http://www.ihoint/S131/2.0
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Diagram							
Type	markedByType						
Properties	<table border="1"> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Model	textContent+						

Element AnchorageAreaType / facilityOperatingHours

Namespace	http://www.ih0.int/S131/2.0																																																		
Annotations	ServiceHours[0..1]																																																		
Diagram																																																			
Type	gml:ReferenceType																																																		
Properties	<table border="1"> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1																																												
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maxOccurs:	1																																																		
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Attributes	<table border="1"> <thead> <tr> <th>QName</th><th>Type</th><th>Fixed</th><th>Default</th><th>Use</th></tr> </thead> <tbody> <tr> <td>nilReason</td><td>gml:NilReasonType</td><td></td><td></td><td>optional</td></tr> <tr> <td>owns</td><td>boolean</td><td></td><td>false</td><td>optional</td></tr> <tr> <td>xlink:actuate</td><td>xlink:actuateType</td><td></td><td></td><td>optional</td></tr> <tr> <td>xlink:arcrole</td><td>xlink:arcroleType</td><td></td><td></td><td>optional</td></tr> <tr> <td>xlink:href</td><td>xlink:hrefType</td><td></td><td></td><td>optional</td></tr> <tr> <td>xlink:role</td><td>xlink:roleType</td><td></td><td></td><td>optional</td></tr> <tr> <td>xlink:show</td><td>xlink:showType</td><td></td><td></td><td>optional</td></tr> <tr> <td>xlink:title</td><td>xlink:titleAttrType</td><td></td><td></td><td>optional</td></tr> <tr> <td>xlink:type</td><td>xlink:typeType</td><td>simple</td><td></td><td>optional</td></tr> </tbody> </table>	QName	Type	Fixed	Default	Use	nilReason	gml:NilReasonType			optional	owns	boolean		false	optional	xlink:actuate	xlink:actuateType			optional	xlink:arcrole	xlink:arcroleType			optional	xlink:href	xlink:hrefType			optional	xlink:role	xlink:roleType			optional	xlink:show	xlink:showType			optional	xlink:title	xlink:titleAttrType			optional	xlink:type	xlink:typeType	simple		optional
QName	Type	Fixed	Default	Use																																															
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xlink:title	xlink:titleAttrType			optional																																															
xlink:type	xlink:typeType	simple		optional																																															

Element AnchorageAreaType / componentOf

Namespace	http://www.ih0.int/S131/2.0
Annotations	HarbourAreaSection[1..1]

Diagram																																																			
Type	gml:ReferenceType																																																		
Properties	<table border="1"> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>1</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> </table>	content:	complex	minOccurs:	1	maxOccurs:	1																																												
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Model																																																			
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QName	Type	Fixed	Default	Use																																															
nilReason	gml:nilReasonType			optional																																															
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xlink:show	xlink:showType			optional																																															
xlink:title	xlink:titleAttrType			optional																																															
xlink:type	xlink:typeType	simple		optional																																															

Element AnchorageAreaType / geometry

Namespace	http://www.ihc.int/S131/2.0				
Diagram					
Properties	<table border="1"> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>maxOccurs:</td><td>unbounded</td></tr> </table>	content:	complex	maxOccurs:	unbounded
content:	complex				
maxOccurs:	unbounded				
Model	pointProperty surfaceProperty				

Element AutomatedGuidedVehicleType / facilityOperatingHours

Namespace	http://www.ihc.int/S131/2.0
Annotations	ServiceHours[0..1]

Diagram																																																			
Type	gml:ReferenceType																																																		
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1																																												
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QName	Type	Fixed	Default	Use																																															
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owns	boolean		false	optional																																															
xlink:actuate	xlink:actuateType			optional																																															
xlink:arcrole	xlink:arcroleType			optional																																															
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xlink:title	xlink:titleAttrType			optional																																															
xlink:type	xlink:typeType	simple		optional																																															

Element AutomatedGuidedVehicleType / geometry

Namespace	http://www.ihoint/S131/2.0				
Diagram					
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	maxOccurs:	unbounded
content:	complex				
maxOccurs:	unbounded				
Model	pointProperty curveProperty surfaceProperty				

Element BerthType / availableBerthingLength

Namespace	http://www.ihoint/S131/2.0				
Diagram					
Type	availableBerthingLengthType				
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> </table>	content:	simple	minOccurs:	0
content:	simple				
minOccurs:	0				

	maxOccurs:	1
Facets	maxInclusive	10000.0
	minInclusive	0.0

Element BerthType / bollardDescription

Namespace	http://www.ihoint/S131/2.0	
Diagram		
Type	bollardDescriptionType	
Properties		
content:	simple	
minOccurs:	0	
maxOccurs:	1	

Element BerthType / safeWorkingLoad

Namespace	http://www.ihoint/S131/2.0	
Diagram		
Type	safeWorkingLoadType	
Properties		
content:	simple	
minOccurs:	0	
maxOccurs:	1	
Facets	minExclusive	0.0

Element BerthType / minimumBerthDepth

Namespace	http://www.ihoint/S131/2.0	
Diagram		
Type	minimumBerthDepthType	
Properties		
content:	simple	
minOccurs:	0	
maxOccurs:	1	
Facets	minExclusive	0.00

Element BerthType / elevation

Namespace	http://www.ihoint/S131/2.0	
Diagram		
Type	elevationType	
Properties		
content:	simple	
minOccurs:	0	

	maxOccurs:	1
Facets	maxInclusive	8850.0
	minInclusive	0.0

Element BerthType / cathodicProtectionSystem

Namespace	http://www.ihc.int/S131/2.0							
Diagram								
Type	cathodicProtectionSystemType							
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>		content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple							
minOccurs:	0							
maxOccurs:	1							

Element BerthType / categoryOfBerthLocation

Namespace	http://www.ihc.int/S131/2.0							
Diagram								
Type	Berth_categoryOfBerthLocationType							
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • Berth_categoryOfBerthLocationLabel • Berth_categoryOfBerthLocationType 							
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>		content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex							
minOccurs:	0							
maxOccurs:	1							
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>Berth_categoryOfBerthLocationCode</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	code	Berth_categoryOfBerthLocationCode	required	
QName	Type	Use						
code	Berth_categoryOfBerthLocationCode	required						

Element BerthType / portFacilityNumber

Namespace	http://www.ihc.int/S131/2.0							
Diagram								
Type	portFacilityNumberType							
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>		content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple							
minOccurs:	0							
maxOccurs:	1							

Element BerthType / bollardNumber

Namespace	http://www.ihc.int/S131/2.0
Diagram	
Type	bollardNumberType
Properties	content: simple minOccurs: 0 maxOccurs: 2

Element BerthType / gLNExtension

Namespace	http://www.ihc.int/S131/2.0
Diagram	
Type	gLNExtensionType
Properties	content: simple minOccurs: 0 maxOccurs: 1

Element BerthType / metreMarkNumber

Namespace	http://www.ihc.int/S131/2.0
Diagram	
Type	metreMarkNumberType
Properties	content: simple minOccurs: 0 maxOccurs: 2

Element BerthType / manifoldNumber

Namespace	http://www.ihc.int/S131/2.0
Diagram	
Type	manifoldNumberType
Properties	content: simple minOccurs: 0 maxOccurs: 2

Element BerthType / rampNumber

Namespace	http://www.ihc.int/S131/2.0
Diagram	

Type	rampNumberType						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						

Element BerthType / locationByText

Namespace	http://www.ihc.int/S131/2.0						
Diagram	<pre> classDiagram class locationByText { <<Type>> } class locationByTextType { <<locationByTextType>> } locationByText "0..1" --> "1..1" locationByTextType note over locationByTextType: A textual rendering of a geographic location. </pre>						
Type	locationByTextType						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						

Element BerthType / methodOfSecuring

Namespace	http://www.ihc.int/S131/2.0						
Diagram	<pre> classDiagram class methodOfSecuring { <<Type>> } class Berth_methodOfSecuringType { <<Base Type Berth_methodOfSecuringLabel>> <<Berth_methodOfSecuringLabel>> <<Custom enum: Berth/methodOfSecuring>> <<Attributes>> <<@ code>> <<Type Berth_methodOfSecuringCode>> } methodOfSecuring "0..1" --> "1..1" Berth_methodOfSecuringType note over Berth_methodOfSecuringType: Restricted values of methodOfSecuring in Berth </pre>						
Type	Berth_methodOfSecuringType						
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • Berth_methodOfSecuringLabel • Berth_methodOfSecuringType 						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>Berth_methodOfSecuringCode</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	code	Berth_methodOfSecuringCode	required
QName	Type	Use					
code	Berth_methodOfSecuringCode	required					

Element BerthType / uNLocationCode

Namespace	http://www.ihc.int/S131/2.0						
Annotations	Is nullable						
Diagram	<pre> classDiagram class uNLocationCode { <<Type>> } class uNLocationCodeType { <<uNLocationCodeType>> } uNLocationCode "0..1" --> "1..1" uNLocationCodeType note over uNLocationCodeType: Is nullable note over uNLocationCodeType: Used to encode the UN Location Code (http://www.unece.org/cefact/locode/service/location.html) or - in Europe - the... </pre>						
Type	uNLocationCodeType						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						

nillable:	true
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Element BerthType / terminalIdentifier

Namespace	http://www.oho.int/S131/2.0						
Diagram	<pre> classDiagram terminalIdentifierType < -- terminalIdentifier </pre> <p>The diagram shows a UML class hierarchy. A class named "terminalIdentifierType" is highlighted with a purple border. An association line connects it to another class named "terminalIdentifier", which is also highlighted with a purple border. A callout bubble indicates that "terminalIdentifierType" is the "The unique identifier for a given terminal."</p>						
Type	terminalIdentifierType						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						

Element BerthType / shorePowerDescription

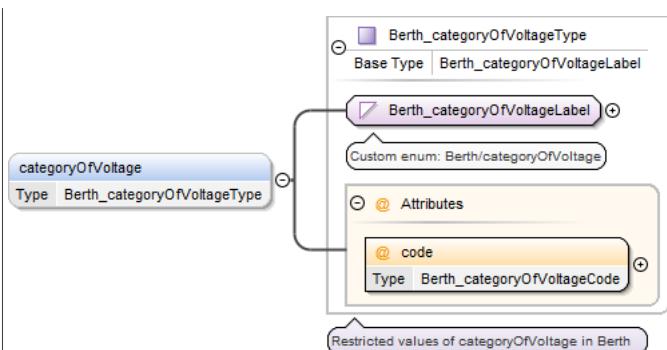
Namespace	http://www.oho.int/S131/2.0						
Diagram	<pre> classDiagram shorePowerDescriptionType < -- shorePowerDescription </pre> <p>The diagram shows a UML class hierarchy. A class named "shorePowerDescriptionType" is highlighted with a purple border. An association line connects it to another class named "shorePowerDescription", which is also highlighted with a purple border. A callout bubble indicates that "shorePowerDescriptionType" is "A textual description of precautions for shore power usage."</p>						
Type	shorePowerDescriptionType						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						

Element BerthType / categoryOfFrequency

Namespace	http://www.oho.int/S131/2.0						
Diagram	<pre> classDiagram Berth_categoryOfFrequencyType { Berth_categoryOfFrequencyLabel @Attributes @code } </pre> <p>The diagram shows a UML class named "Berth_categoryOfFrequencyType". It has two attributes: "Berth_categoryOfFrequencyLabel" and "@code". The "Berth_categoryOfFrequencyLabel" attribute is described as "Custom enum: Berth/categoryOfFrequency". The "@code" attribute is described as "Type Berth_categoryOfFrequencyCode". A callout bubble indicates that "Restricted values of categoryOfFrequency in Berth".</p>						
Type	Berth_categoryOfFrequencyType						
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • Berth_categoryOfFrequencyLabel • Berth_categoryOfFrequencyType 						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>Berth_categoryOfFrequency-Code</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	code	Berth_categoryOfFrequency-Code	required
QName	Type	Use					
code	Berth_categoryOfFrequency-Code	required					

Element BerthType / categoryOfVoltage

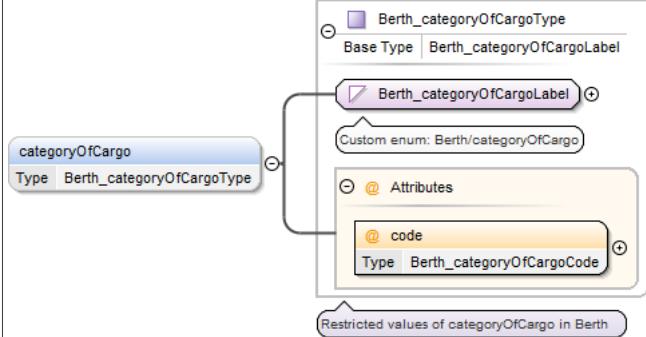
Namespace	http://www.oho.int/S131/2.0
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Diagram							
Type	Berth_categoryOfVoltageType						
Type hierarchy	<ul style="list-style-type: none"> xs:string Berth_categoryOfVoltageLabel Berth_categoryOfVoltageType 						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>Berth_categoryOfVoltageCode</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	code	Berth_categoryOfVoltageCode	required
QName	Type	Use					
code	Berth_categoryOfVoltageCode	required					

Element BerthType / categoryOfPlug

Namespace	http://www.oho.int/S131/2.0						
Diagram							
Type	categoryOfPlugType						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	unbounded
content:	simple						
minOccurs:	0						
maxOccurs:	unbounded						

Element BerthType / categoryOfCargo

Namespace	http://www.oho.int/S131/2.0				
Diagram					
Type	Berth_categoryOfCargoType				
Type hierarchy	<ul style="list-style-type: none"> xs:string Berth_categoryOfCargoLabel Berth_categoryOfCargoType 				
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> </table>	content:	complex	minOccurs:	0
content:	complex				
minOccurs:	0				

	maxOccurs:	unbounded		
Attributes	QName	Type	Use	

Element BerthType / serviceDescriptionReference

Namespace	http://www.ihc.int/S131/2.0																																																					
Annotations	AvailablePortServices[0..1]																																																					
Diagram	<p>The diagram illustrates the structure of the <code>serviceDescriptionReference</code> element. It is defined as a <code>gml:ReferenceType</code>. The <code>gml:OwnershipAttributeGroup</code> contains annotations about encoding properties inline or by-reference. The <code>gml:AssociationAttributeGroup</code> contains annotations about XLink components supporting hypertext referencing. A note at the bottom states that <code>gml:ReferenceType</code> is intended for direct use in application schemas if a property element needs to use a reference.</p>																																																					
Type	<code>gml:ReferenceType</code>																																																					
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> <td></td> <td></td> </tr> <tr> <td>minOccurs:</td> <td>0</td> <td></td> <td></td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> <td></td> <td></td> </tr> </table>				content:	complex			minOccurs:	0			maxOccurs:	1																																								
content:	complex																																																					
minOccurs:	0																																																					
maxOccurs:	1																																																					
Model																																																						
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Element BerthType / facilityOperatingHours

Namespace	http://www.ihc.int/S131/2.0			
Annotations	ServiceHours[0..1]			

Diagram	<p>The diagram shows the <code>gml:ReferenceType</code> class with two associations. One association, labeled <code>ServiceHours[0..1]</code>, connects to the <code>facilityOperatingHours</code> element. Another association connects to the <code>demarcationIndicator</code> element. Both associations are marked with a circled minus sign, indicating they are optional.</p>																																																		
Type	<code>gml:ReferenceType</code>																																																		
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1																																												
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Element BerthType / demarcationIndicator

Namespace	http://www.ihointerfaces.org/S131/2.0				
Annotations	<code>BerthPosition[0..*]</code>				
Diagram	<p>The diagram shows the <code>gml:ReferenceType</code> class with one association, labeled <code>BerthPosition[0..*]</code>, connecting to the <code>demarcationIndicator</code> element. This association is marked with a circled minus sign, indicating it is optional.</p>				
Type	<code>gml:ReferenceType</code>				
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> </table>	content:	complex	minOccurs:	0
content:	complex				
minOccurs:	0				

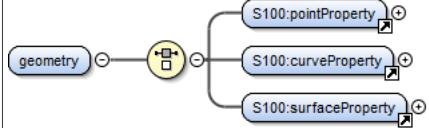
	maxOccurs:	unbounded				
Model						
Attributes	QName	Type	Fixed	Default	Use	
	nilReason	gml:NilReasonType			optional	
	owns	boolean		false	optional	
	xlink:actuate	xlink:actuateType			optional	
	xlink:arcrole	xlink:arcroleType			optional	
	xlink:href	xlink:hrefType			optional	
	xlink:role	xlink:roleType			optional	
	xlink:show	xlink:showType			optional	
	xlink:title	xlink:titleAttrType			optional	
	xlink:type	xlink:typeType	simple		optional	

Element BerthType / componentOf

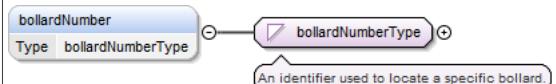
Namespace	http://www.ihc.int/S131/2.0											
Annotations	HarbourAreaSection Terminal[1..1]											
Diagram	<p>The diagram shows the 'componentOf' element within the 'gml:ReferenceType' type. It points to the 'Attributes' group, which contains 'gml:OwnershipAttributeGroup' and 'gml:AssociationAttributeGroup'. A callout box explains that encoding a GML property inline vs. by-reference shall not imply anything about the "ownership" of the contained or... The 'gml:AssociationAttributeGroup' is described as XLink components are the standard method to support hypertext referencing in XML. An XML Schema attribute group... A note at the bottom states that gml:ReferenceType is intended to be used in application schemas directly, if a property element shall use a...</p>											
Type	gml:ReferenceType											
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>						content:	complex	minOccurs:	1	maxOccurs:	1
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Model												
Attributes	QName	Type	Fixed	Default	Use							
	nilReason	gml:NilReasonType			optional							
	owns	boolean		false	optional							
	xlink:actuate	xlink:actuateType			optional							
	xlink:arcrole	xlink:arcroleType			optional							
	xlink:href	xlink:hrefType			optional							
	xlink:role	xlink:roleType			optional							
	xlink:show	xlink:showType			optional							
	xlink:title	xlink:titleAttrType			optional							
	xlink:type	xlink:typeType	simple		optional							

Element BerthType / geometry

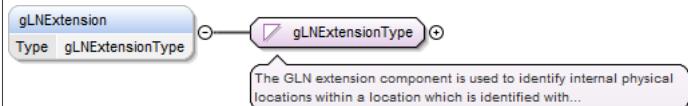
Namespace	http://www.ihc.int/S131/2.0					
-----------	-----------------------------	--	--	--	--	--

Diagram	
Properties	<p>content: complex</p> <p>maxOccurs: unbounded</p>
Model	pointProperty curveProperty surfaceProperty

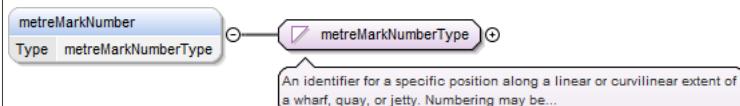
Element BerthPositionType / bollardNumber

Namespace	http://www.ihoint/S131/2.0
Diagram	 <p>An identifier used to locate a specific bollard.</p>
Type	bollardNumberType
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>

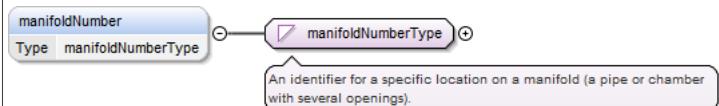
Element BerthPositionType / gLNExtension

Namespace	http://www.ihoint/S131/2.0
Diagram	 <p>The GLN extension component is used to identify internal physical locations within a location which is identified with...</p>
Type	gLNExtensionType
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>

Element BerthPositionType / metreMarkNumber

Namespace	http://www.ihoint/S131/2.0
Diagram	 <p>An identifier for a specific position along a linear or curvilinear extent of a wharf, quay, or jetty. Numbering may be...</p>
Type	metreMarkNumberType
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>

Element BerthPositionType / manifoldNumber

Namespace	http://www.ihoint/S131/2.0
Diagram	 <p>An identifier for a specific location on a manifold (a pipe or chamber with several openings).</p>
Type	manifoldNumberType
Properties	content: simple

minOccurs:	0
maxOccurs:	1

Element BerthPositionType / rampNumber

Namespace	http://www.ihc.int/S131/2.0						
Diagram							
Type	rampNumberType						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						

Element BerthPositionType / locationByText

Namespace	http://www.ihc.int/S131/2.0						
Diagram							
Type	locationByTextType						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						

Element BerthPositionType / demarcatedFeature

Namespace	http://www.ihc.int/S131/2.0										
Annotations	Berth[1..1]										
Diagram											
Type	gml:ReferenceType										
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	1	maxOccurs:	1				
content:	complex										
minOccurs:	1										
maxOccurs:	1										
Model											
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Fixed</th> <th>Default</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>nilReason</td> <td>gml:NilReasonType</td> <td></td> <td></td> <td>optional</td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	nilReason	gml:NilReasonType			optional
QName	Type	Fixed	Default	Use							
nilReason	gml:NilReasonType			optional							

QName	Type	Fixed	Default	Use
owns	boolean		false	optional
xlink:actuate	xlink:actuateType			optional
xlink:arcrole	xlink:arcroleType			optional
xlink:href	xlink:hrefType			optional
xlink:role	xlink:roleType			optional
xlink:show	xlink:showType			optional
xlink:title	xlink:titleAttrType			optional
xlink:type	xlink:typeType	simple		optional

Element BerthPositionType / auxiliaryFacility

Namespace	http://www.ihc.int/S131/2.0																																																		
Annotations	MooringWarpingFacility[0..*]																																																		
Diagram	<p>The diagram shows the UML class auxiliaryFacility which is a subtype of gml:ReferenceType. The class has a multiplicity of MooringWarpingFacility[0..*]. A callout box points to the gml:ReferenceType class with the following annotations:</p> <ul style="list-style-type: none"> gml:OwnershipAttributeGroup: Encoding a GML property inline vs. by-reference shall not imply anything about the "ownership" of the contained or... gml:AssociationAttributeGroup: XLink components are the standard method to support hypertext referencing in XML. An XML Schema attribute group,... gml:ReferenceType is intended to be used in application schemas directly, if a property element shall use a... 																																																		
Type	gml:ReferenceType																																																		
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded																																												
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xlink:type	xlink:typeType	simple		optional																																															

Element BerthPositionType / geometry

Namespace	http://www.ihc.int/S131/2.0				
Diagram	<p>The diagram shows the UML class geometry which is a subtype of S100:pointProperty. A callout box points to the S100:pointProperty class.</p>				
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	maxOccurs:	unbounded
content:	complex				
maxOccurs:	unbounded				

Model	pointProperty
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Element BollardType / height

Namespace	http://www.ih0.int/S131/2.0	
Diagram	<pre> graph LR height[height] --> heightType[heightType] </pre> <p>The value of the vertical distance to the highest point of the feature, measured from a specified vertical datum.</p>	
Type	heightType	
Properties	content: simple minOccurs: 0 maxOccurs: 1	
Facets	minExclusive 0 .. 0	

Element BollardType / verticalLength

Namespace	http://www.ih0.int/S131/2.0	
Diagram	<pre> graph LR verticalLength[verticalLength] --> verticalLengthType[verticalLengthType] </pre> <p>The total vertical length of a feature.</p>	
Type	verticalLengthType	
Properties	content: simple minOccurs: 0 maxOccurs: 1	
Facets	minExclusive 0 .. 0	

Element BollardType / safeWorkingLoad

Namespace	http://www.ih0.int/S131/2.0	
Diagram	<pre> graph LR safeWorkingLoad[safeWorkingLoad] --> safeWorkingLoadType[safeWorkingLoadType] </pre> <p>The maximum safe force or load that a piece of equipment, device, or accessory can handle without breaking or failing...</p>	
Type	safeWorkingLoadType	
Properties	content: simple minOccurs: 0 maxOccurs: 1	
Facets	minExclusive 0 .. 0	

Element BollardType / geometry

Namespace	http://www.ih0.int/S131/2.0	
Diagram	<pre> graph LR geometry[geometry] --> pointProperty[S100:pointProperty] </pre>	
Properties	content: complex maxOccurs: unbounded	
Model	pointProperty	

Element DockAreaType / depthsDescription

Namespace	http://www.ih0.int/S131/2.0	
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Diagram	<pre> classDiagram class depthsDescription { depthsDescriptionType } depthsDescription "0..1" --> "1..<<" depthsDescriptionType depthsDescriptionType { categoryOfDepthsDescription Type depthsDescription_categoryOfDepthsDe ... Is nullable 1..<< textContent Type textContentType } note over depthsDescriptionType: Textual description of the characteristics and notable matters pertaining to depths in an area. </pre>						
Type	depthsDescriptionType						
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">complex</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">0</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">1</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Model	categoryOfDepthsDescription , textContent+						

Element DockAreaType / locationByText

Namespace	http://www.ihc.int/S131/2.0						
Diagram	<pre> classDiagram class locationByText { locationByTextType } locationByText "0..1" --> "1..<<" locationByTextType locationByTextType { textContent Type textContentType } note over locationByTextType: A textual rendering of a geographic location. </pre>						
Type	locationByTextType						
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">simple</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">0</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">1</td></tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Model	textContent+						

Element DockAreaType / markedBy

Namespace	http://www.ihc.int/S131/2.0						
Diagram	<pre> classDiagram class markedBy { markedByType } markedBy "0..1" --> "1..<<" markedByType markedByType { textContent Type textContentType } note over markedByType: Description of the aids to navigation used to mark an area or object. </pre>						
Type	markedByType						
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">complex</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">0</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">1</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Model	textContent+						

Element DockAreaType / iSPSLevel

Namespace	http://www.ihc.int/S131/2.0
Diagram	<pre> classDiagram class iSPSLevel { DockArea_iSPSLevelType } iSPSLevel "0..1" --> "1..<<" DockArea_iSPSLevelType DockArea_iSPSLevelType { DockArea_iSPSLevelLabel Base Type DockArea_iSPSLevelLabel Custom enum: DockArea/iSPSLevel @ Attributes @ code Type DockArea_iSPSLevelCode } note over DockArea_iSPSLevelType: Restricted values of iSPSLevel in DockArea </pre>

Type	DockArea_iSPSLevelType		
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • DockArea_iSPSLevelLabel • DockArea_iSPSLevelType 		
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>		
Attributes	QName	Type	Use
	code	DockArea_iSPSLevelCode	required

Element DockAreaType / serviceDescriptionReference

Namespace	http://www.ihc.int/S131/2.0				
Annotations	AvailablePortServices[0..1]				
Diagram	<p>The diagram illustrates the relationship between the <code>serviceDescriptionReference</code> element and the <code>gml:ReferenceType</code> type. The <code>serviceDescriptionReference</code> element is annotated with <code>AvailablePortServices[0..1]</code>. It has a reference relationship (indicated by a line with an open circle) to the <code>gml:ReferenceType</code> type. A callout box provides annotations for this relationship:</p> <ul style="list-style-type: none"> <code>gml:OwnershipAttributeGroup</code>: Encoding a GML property inline vs. by-reference shall not imply anything about the "ownership" of the contained or... <code>gml:AssociationAttributeGroup</code>: XLink components are the standard method to support hypertext referencing in XML. An XML Schema attribute group.... <code>gml:ReferenceType</code> is intended to be used in application schemas directly, if a property element shall use a... 				
Type	gml:ReferenceType				
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>				
Model					
Attributes	QName	Type	Fixed	Default	Use
	nilReason	gml:NilReasonType			optional
	owns	boolean		false	optional
	xlink:actuate	xlink:actuateType			optional
	xlink:arcrole	xlink:arcroleType			optional
	xlink:href	xlink:hrefType			optional
	xlink:role	xlink:roleType			optional
	xlink:show	xlink:showType			optional
	xlink:title	xlink:titleAttrType			optional
	xlink:type	xlink:typeType	simple		optional

Element DockAreaType / facilityOperatingHours

Namespace	http://www.ihc.int/S131/2.0		
Annotations	ServiceHours[0..1]		

Diagram	<p>The diagram shows the UML class <code>gml:ReferenceType</code>. It has an attribute <code>facilityOperatingHours</code> of type <code>gml:ReferenceType</code> with multiplicity <code>ServiceHours[0..1]</code>. Another attribute, <code>ownershipAttributeGroup</code>, is highlighted in orange. A note states: "Encoding a GML property inline vs. by-reference shall not imply anything about the 'ownership' of the contained or..."</p>																																																		
Type	<code>gml:ReferenceType</code>																																																		
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1																																												
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minOccurs:	0																																																		
maxOccurs:	1																																																		
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<code>xlink:type</code>	<code>xlink:typeType</code>	simple		optional																																															

Element DockAreaType / componentOf

Namespace	http://www.ihc.int/S131/2.0				
Annotations	<code>HarbourAreaSection[1..1]</code>				
Diagram	<p>The diagram shows the UML class <code>gml:ReferenceType</code>. It has an attribute <code>componentOf</code> of type <code>gml:ReferenceType</code> with multiplicity <code>HarbourAreaSection[1..1]</code>. Another attribute, <code>ownershipAttributeGroup</code>, is highlighted in orange. A note states: "Encoding a GML property inline vs. by-reference shall not imply anything about the 'ownership' of the contained or..."</p>				
Type	<code>gml:ReferenceType</code>				
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	1
content:	complex				
minOccurs:	1				

	maxOccurs:	1				
Model						
Attributes	QName	Type	Fixed	Default	Use	
	nilReason	gml:NilReasonType			optional	
	owns	boolean		false	optional	
	xlink:actuate	xlink:actuateType			optional	
	xlink:arcrole	xlink:arcroleType			optional	
	xlink:href	xlink:hrefType			optional	
	xlink:role	xlink:roleType			optional	
	xlink:show	xlink:showType			optional	
	xlink:title	xlink:titleAttrType			optional	
	xlink:type	xlink:typeType	simple		optional	

Element DockAreaType / geometry

Namespace	http://www.oho.int/S131/2.0
Diagram	
Properties	content: complex maxOccurs: unbounded
Model	surfaceProperty

Element DryDockType / sillDepth

Namespace	http://www.oho.int/S131/2.0
Diagram	
Type	sillDepthType
Properties	content: simple minOccurs: 0 maxOccurs: 1
Facets	maxInclusive 100.0 minInclusive 0.0

Element DryDockType / verticalClearanceValue

Namespace	http://www.oho.int/S131/2.0
Diagram	
Type	verticalClearanceValueType
Properties	content: simple minOccurs: 0 maxOccurs: 1
Facets	maxInclusive 100.0 minInclusive 0.1

Element DryDockType / facilityOperatingHours

Namespace	http://www.oho.int/S131/2.0
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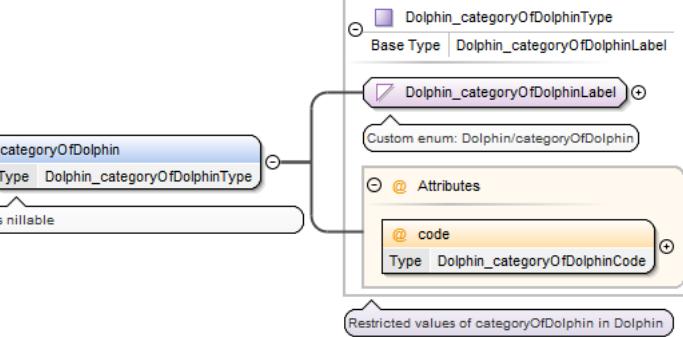
Annotations	ServiceHours[0..1]																																																		
Diagram	<pre> classDiagram class gmlReferenceType { <<gml:OwnershipAttributeGroup>> <<gml:AssociationAttributeGroup>> } class facilityOperatingHours { Type: gmlReferenceType ServiceHours[0..1] } gmlReferenceType < -- facilityOperatingHours note over gmlReferenceType: gml:ReferenceType is intended to be used in application schemas directly, if a property element shall use a... note over gml:OwnershipAttributeGroup: Encoding a GML property inline vs. by-reference shall not imply anything about the "ownership" of the contained or... note over gml:AssociationAttributeGroup: XLink components are the standard method to support hypertext referencing in XML. An XML Schema attribute group... </pre>																																																		
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xlink:type	xlink:typeType	simple		optional																																															

Element DryDockType / geometry

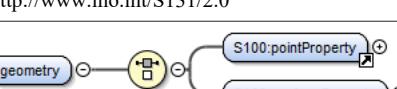
Namespace	http://www.ihoint/S131/2.0				
Diagram	<pre> classDiagram class geometry { S100:pointProperty S100:surfaceProperty } geometry < -- S100:pointProperty geometry < -- S100:surfaceProperty </pre>				
Properties	<table> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	maxOccurs:	unbounded
content:	complex				
maxOccurs:	unbounded				
Model	pointProperty surfaceProperty				

Element DolphinType / categoryOfDolphin

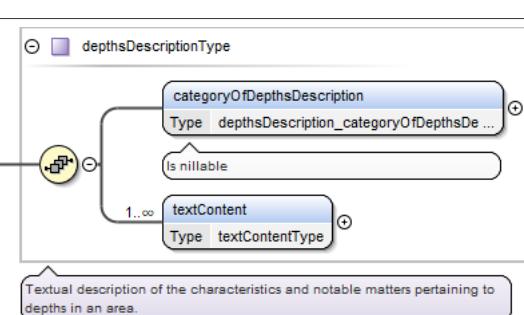
Namespace	http://www.ihoint/S131/2.0
Annotations	Is nullable

Diagram									
Type	Dolphin_categoryOfDolphinType								
Type hierarchy	<ul style="list-style-type: none"> xs:string • Dolphin_categoryOfDolphinLabel • Dolphin_categoryOfDolphinType 								
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> <tr> <td>nillable:</td> <td>true</td> </tr> </table>	content:	complex	minOccurs:	1	maxOccurs:	unbounded	nillable:	true
content:	complex								
minOccurs:	1								
maxOccurs:	unbounded								
nillable:	true								
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>Dolphin_categoryOfDolphin-Code</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	code	Dolphin_categoryOfDolphin-Code	required		
QName	Type	Use							
code	Dolphin_categoryOfDolphin-Code	required							

Element DolphinType / geometry

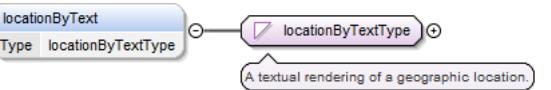
Namespace	http://www.aho.int/S131/2.0				
Diagram					
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	maxOccurs:	unbounded
content:	complex				
maxOccurs:	unbounded				
Model	pointProperty surfaceProperty				

Element DumpingGroundType / depthsDescription

Namespace	http://www.aho.int/S131/2.0						
Diagram							
Type	depthsDescriptionType						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Model	categoryOfDepthsDescription , textContent+						

Element DumpingGroundType / locationByText

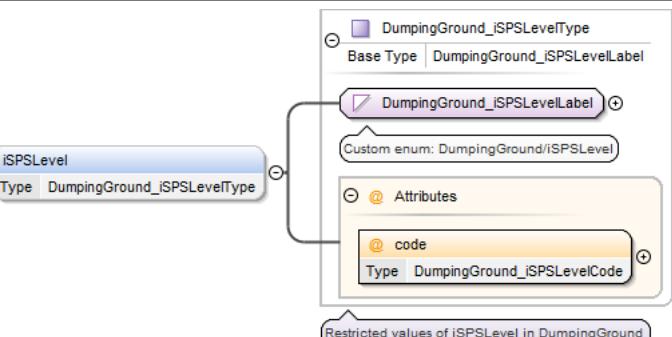
Namespace	http://www.aho.int/S131/2.0
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Diagram							
Type	locationByTextType						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						

Element DumpingGroundType / markedBy

Namespace	http://www.ihc.int/S131/2.0						
Diagram							
Type	markedByType						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Model	textContent+						

Element DumpingGroundType / iSPSLevel

Namespace	http://www.ihc.int/S131/2.0						
Diagram							
Type	DumpingGround_iSPSLevelType						
Type hierarchy	<ul style="list-style-type: none"> xs:string DumpingGround_iSPSLevelLabel DumpingGround_iSPSLevelType 						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
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Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>DumpingGround_iSPSLevelCode</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	code	DumpingGround_iSPSLevelCode	required
QName	Type	Use					
code	DumpingGround_iSPSLevelCode	required					

Element DumpingGroundType / facilityOperatingHours

Namespace	http://www.ihc.int/S131/2.0
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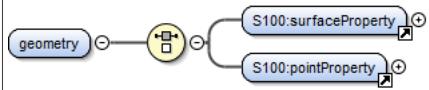
Annotations	ServiceHours[0..1]																																																		
Diagram	<pre> classDiagram class gmlReferenceType { <<gml:ReferenceType>> <<Attributes>> +gml:OwnershipAttributeGroup +gml:AssociationAttributeGroup } class facilityOperatingHours { <<Type: gml:ReferenceType>> ServiceHours[0..1] } facilityOperatingHours --> gmlReferenceType note over gmlReferenceType: Encoding a GML property inline vs. by-reference shall not imply anything about the "ownership" of the contained or... note over gmlReferenceType: XLink components are the standard method to support hypertext referencing in XML. An XML Schema attribute group... note over gmlReferenceType: gml:ReferenceType is intended to be used in application schemas directly, if a property element shall use a... </pre>																																																		
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xlink:type	xlink:typeType	simple		optional																																															

Element DumpingGroundType / componentOf

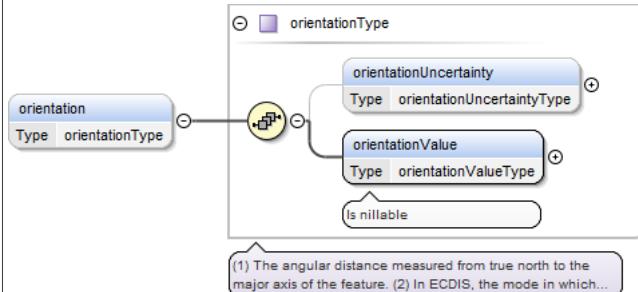
Namespace	http://www.ihc.int/S131/2.0		
Annotations	HarbourAreaSection[1..1]		
Diagram	<pre> classDiagram class gmlReferenceType { <<gml:ReferenceType>> <<Attributes>> +gml:OwnershipAttributeGroup +gml:AssociationAttributeGroup } class componentOf { <<Type: gml:ReferenceType>> HarbourAreaSection[1..1] } componentOf --> gmlReferenceType note over gmlReferenceType: Encoding a GML property inline vs. by-reference shall not imply anything about the "ownership" of the contained or... note over gmlReferenceType: XLink components are the standard method to support hypertext referencing in XML. An XML Schema attribute group... note over gmlReferenceType: gml:ReferenceType is intended to be used in application schemas directly, if a property element shall use a... </pre>		
Type	gml:ReferenceType		
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> </table>	content:	complex
content:	complex		

	minOccurs:	1				
	maxOccurs:	1				
Model						
Attributes	QName	Type	Fixed	Default	Use	
	nilReason	gml:NilReasonType			optional	
	owns	boolean		false	optional	
	xlink:actuate	xlink:actuateType			optional	
	xlink:arcrole	xlink:arcroleType			optional	
	xlink:href	xlink:hrefType			optional	
	xlink:role	xlink:roleType			optional	
	xlink:show	xlink:showType			optional	
	xlink:title	xlink:titleAttrType			optional	
	xlink:type	xlink:typeType	simple		optional	

Element DumpingGroundType / geometry

Namespace	http://www.ihodata.org/S131/2.0
Diagram	
Properties	content: complex maxOccurs: unbounded
Model	surfaceProperty pointProperty

Element FenderLineType / orientation

Namespace	http://www.ihodata.org/S131/2.0
Diagram	
Type	orientationType
Properties	content: complex minOccurs: 0 maxOccurs: 1
Model	orientationUncertainty{0,1} , orientationValue

Element FenderLineType / componentOf

Namespace	http://www.ihodata.org/S131/2.0
Annotations	HarbourAreaSection[1..1]

Diagram	<p>The diagram shows the structure of the <code>gml:ReferenceType</code>. It is a complex type derived from <code>gml:PropertyType</code>. The <code>gml:PropertyType</code> base type is highlighted with a yellow background. The <code>gml:ReferenceType</code> type itself has a light blue background. It contains two attribute groups: <code>gml:OwnershipAttributeGroup</code> and <code>gml:AssociationAttributeGroup</code>, both highlighted with orange backgrounds. A callout box provides a detailed explanation of the difference between inline and by-reference encoding for ownership. Another callout box explains the purpose of XLink components for hypertext referencing. A third callout box states that <code>gml:ReferenceType</code> is intended for application schemas.</p>																																																		
Type	<code>gml:ReferenceType</code>																																																		
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	1	maxOccurs:	1																																												
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Element `FenderLineType / geometry`

Namespace	http://www.aho.int/S131/2.0				
Diagram	<p>The diagram shows the inheritance structure of the <code>FenderLineType</code>. It derives from the <code>geometry</code> type, which in turn derives from <code>S100:curveProperty</code>. The <code>geometry</code> type is highlighted with a yellow background, and the <code>S100:curveProperty</code> type is also highlighted with a yellow background. A callout box provides a detailed explanation of the inheritance path and the properties of <code>curveProperty</code>.</p>				
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	maxOccurs:	unbounded
content:	complex				
maxOccurs:	unbounded				
Model	<code>curveProperty</code>				

Element `FloatingDockType / sillDepth`

Namespace	http://www.aho.int/S131/2.0						
Diagram	<p>The diagram shows the inheritance structure of the <code>sillDepthType</code>. It derives from the <code>Type</code> and <code>sillDepthType</code> types. The <code>Type</code> type is highlighted with a yellow background, and the <code>sillDepthType</code> type is highlighted with a purple background. A callout box provides a detailed explanation of the inheritance path and the properties of <code>sillDepthType</code>.</p>						
Type	<code>sillDepthType</code>						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Facets	<code>maxInclusive</code> 100.0						

	minInclusive	0 .. 0
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Element FloatingDockType / facilityOperatingHours

Namespace	http://www.aho.int/S131/2.0																																																						
Annotations	ServiceHours[0..1]																																																						
Diagram																																																							
Type	gml:ReferenceType																																																						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>					content:	complex	minOccurs:	0	maxOccurs:	1																																												
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Element FloatingDockType / geometry

Namespace	http://www.aho.int/S131/2.0								
Diagram									
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>					content:	complex	maxOccurs:	unbounded
content:	complex								
maxOccurs:	unbounded								
Model	pointProperty surfaceProperty								

Element GridironType / sillDepth

Namespace	http://www.aho.int/S131/2.0				
Diagram					

Type	sillDepthType
Properties	content: simple minOccurs: 0 maxOccurs: 1
Facets	maxInclusive 100 . 0 minInclusive 0 . 0

Element GridironType / verticalClearanceValue

Namespace	http://www.aho.int/S131/2.0
Diagram	
Type	verticalClearanceValueType
Properties	content: simple minOccurs: 0 maxOccurs: 1
Facets	maxInclusive 100 . 0 minInclusive 0 . 1

Element GridironType / facilityOperatingHours

Namespace	http://www.aho.int/S131/2.0																																			
Annotations	ServiceHours[0..1]																																			
Diagram																																				
Type	gml:ReferenceType																																			
Properties	content: complex minOccurs: 0 maxOccurs: 1																																			
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QName	Type	Fixed	Default	Use
xlink:show	xlink:showType			optional
xlink:title	xlink:titleAttrType			optional
xlink:type	xlink:typeType	simple		optional

Element GridironType / geometry

Namespace	http://www.aho.int/S131/2.0
Diagram	<pre> classDiagram class geometry class S100::pointProperty class S100::surfaceProperty geometry "1" -- "0..1" S100::pointProperty geometry "1" -- "0..1" S100::surfaceProperty </pre>
Properties	content: complex maxOccurs: unbounded
Model	pointProperty surfaceProperty

Element HarbourAreaAdministrativeType / uNLocationCode

Namespace	http://www.aho.int/S131/2.0
Diagram	<pre> classDiagram class uNLocationCode { <<Type>> <<uNLocationCodeType>> } class uNLocationCodeType uNLocationCode "1" -- "0..1" uNLocationCodeType </pre>
Type	uNLocationCodeType
Properties	content: simple minOccurs: 0 maxOccurs: 1

Element HarbourAreaAdministrativeType / nationality

Namespace	http://www.aho.int/S131/2.0
Diagram	<pre> classDiagram class nationality { <<Type>> <<nationalityType>> } class nationalityType nationality "1" -- "0..1" nationalityType </pre>
Type	nationalityType
Properties	content: simple minOccurs: 0 maxOccurs: 1

Element HarbourAreaAdministrativeType / applicableLoadLineZone

Namespace	http://www.aho.int/S131/2.0
Diagram	<pre> classDiagram class applicableLoadLineZone { <<Type>> <<applicableLoadLineZoneType>> } class applicableLoadLineZoneType applicableLoadLineZone "1" -- "0..1" applicableLoadLineZoneType </pre>
Type	applicableLoadLineZoneType
Properties	content: simple minOccurs: 0 maxOccurs: 1

Element HarbourAreaAdministrativeType / iSPSLevel

Namespace	http://www.aho.int/S131/2.0
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Diagram	<pre> classDiagram class iSPSLevel { Type HarbourAreaAdministrative_iSPSLevelType } HarbourAreaAdministrative_iSPSLevelType < -- HarbourAreaAdministrative_iSPSLevelLabel HarbourAreaAdministrative_iSPSLevelLabel { Custom enum: HarbourAreaAdministrative/iSPSLevel } @ Attributes @ code Type HarbourAreaAdministrative_iSPSLevelCode Restricted values of iSPSLevel in HarbourAreaAdministrative </pre>						
Type	HarbourAreaAdministrative_iSPSLevelType						
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • HarbourAreaAdministrative_iSPSLevelLabel • HarbourAreaAdministrative_iSPSLevelType 						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
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QName	Type	Use					
code	HarbourAreaAdministrative_iSPSLevelCode	required					

Element HarbourAreaAdministrativeType / categoryOfHarbourFacility

Namespace	http://www.aho.int/S131/2.0								
Diagram	<pre> classDiagram class categoryOfHarbourFacility { Type HarbourAreaAdministrative_categoryOfHarbourFacilityType } HarbourAreaAdministrative_categoryOfHarbourFacilityType < -- HarbourAreaAdministrative_categoryOfHarbourFacilityLabel HarbourAreaAdministrative_categoryOfHarbourFacilityLabel { Custom enum: HarbourAreaAdministrative/categoryOfHarbourFacility } @ Attributes @ code Type HarbourAreaAdministrative_categoryOfHarbourFacilityCode Restricted values of categoryOfHarbourFacility in HarbourAreaAdministrative </pre>								
Type	HarbourAreaAdministrative_categoryOfHarbourFacilityType								
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • HarbourAreaAdministrative_categoryOfHarbourFacilityLabel • HarbourAreaAdministrative_categoryOfHarbourFacilityType 								
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>			content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex								
minOccurs:	0								
maxOccurs:	unbounded								
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>HarbourAreaAdministrative_categoryOfHarbourFacilityCode</td> <td>required</td> </tr> </tbody> </table>			QName	Type	Use	code	HarbourAreaAdministrative_categoryOfHarbourFacilityCode	required
QName	Type	Use							
code	HarbourAreaAdministrative_categoryOfHarbourFacilityCode	required							

Element HarbourAreaAdministrativeType / generalHarbourInformation

Namespace	http://www.aho.int/S131/2.0		
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Diagram	<pre> classDiagram class generalHarbourInformation { <<generalHarbourInformation>> Type generalHarbourInformationType } class generalPortDescription { <<generalPortDescription>> Type generalPortDescriptionType } class facilitiesLayoutDescription { <<facilitiesLayoutDescription>> Type facilitiesLayoutDescriptionType } class limitsDescription { <<limitsDescription>> Type limitsDescriptionType } class constructionInformation { <<constructionInformation>> Type constructionInformationType } class cargoServicesDescription { <<cargoServicesDescription>> Type cargoServicesDescriptionType } class weatherResource { <<weatherResource>> Type weatherResourceType } generalHarbourInformation "0..>" generalPortDescription generalHarbourInformation "0..>" facilitiesLayoutDescription generalHarbourInformation "0..>" limitsDescription generalHarbourInformation "0..>" constructionInformation generalHarbourInformation "0..>" cargoServicesDescription generalHarbourInformation "0..>" weatherResource </pre> <p>General information about the port or harbour area.</p>						
Type	generalHarbourInformationType						
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">complex</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">0</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">1</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Model	generalPortDescription{0,1} , facilitiesLayoutDescription{0,1} , limitsDescription{0,1} , constructionInformation* , cargoServicesDescription{0,1} , weatherResource*						

Element HarbourAreaAdministrativeType / serviceDescriptionReference

Namespace	http://www.ihc.int/S131/2.0																								
Annotations	AvailablePortServices[0..1]																								
Diagram	<pre> classDiagram class serviceDescriptionReference { <<serviceDescriptionReference>> Type gml:ReferenceType } class gml:OwnershipAttributeGroup class gml:AssociationAttributeGroup serviceDescriptionReference "*" --> gml:OwnershipAttributeGroup serviceDescriptionReference "*" --> gml:AssociationAttributeGroup </pre> <p>AvailablePortServices[0..1]</p> <p>gml:ReferenceType is intended to be used in application schemas directly, if a property element shall use a...</p> <p>XLink components are the standard method to support hypertext referencing in XML. An XML Schema attribute group,...</p>																								
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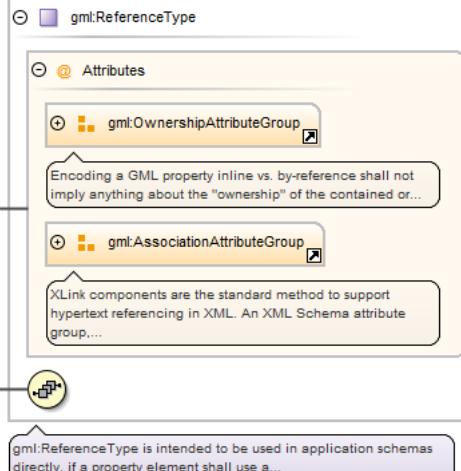
QName	Type	Fixed	Default	Use
xlink:role	xlink:roleType			optional
xlink:show	xlink:showType			optional
xlink:title	xlink:titleAttrType			optional
xlink:type	xlink:typeType	simple		optional

Element HarbourAreaAdministrativeType / facilityOperatingHours

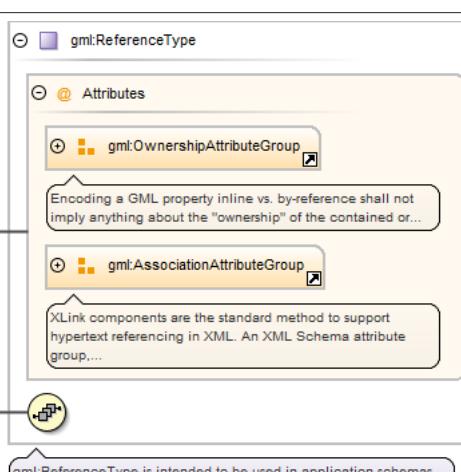
Namespace	http://www.ihc.int/S131/2.0																																																		
Annotations	ServiceHours[0..1]																																																		
Diagram	<p>The diagram illustrates the UML representation of the element. It shows a class named 'facilityOperatingHours' with a multiplicity of 'ServiceHours[0..1]'. An association line connects this class to a generalization box labeled 'gml:ReferenceType'. This box contains two attribute groups: 'gml:OwnershipAttributeGroup' and 'gml:AssociationAttributeGroup'. A callout box provides the following note: 'Encoding a GML property inline vs. by-reference shall not imply anything about the "ownership" of the contained or...'.</p> <p>Another callout box states: 'XLink components are the standard method to support hypertext referencing in XML. An XML Schema attribute group...'.</p> <p>A third callout box notes: 'gml:ReferenceType is intended to be used in application schemas directly, if a property element shall use a...'. A small icon of a person is also present near the association line.</p>																																																		
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xlink:actuate	xlink:actuateType			optional																																															
xlink:arcrole	xlink:arcroleType			optional																																															
xlink:href	xlink:hrefType			optional																																															
xlink:role	xlink:roleType			optional																																															
xlink:show	xlink:showType			optional																																															
xlink:title	xlink:titleAttrType			optional																																															
xlink:type	xlink:typeType	simple		optional																																															

Element HarbourAreaAdministrativeType / limitExtent

Namespace	http://www.ihc.int/S131/2.0
Annotations	OuterLimit[0..1]

Diagram																																																			
Type	gml:ReferenceType																																																		
Properties	<table border="1"> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1																																												
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Model																																																			
Attributes	<table border="1"> <thead> <tr> <th>QName</th><th>Type</th><th>Fixed</th><th>Default</th><th>Use</th></tr> </thead> <tbody> <tr> <td>nilReason</td><td>gml:nilReasonType</td><td></td><td></td><td>optional</td></tr> <tr> <td>owns</td><td>boolean</td><td></td><td>false</td><td>optional</td></tr> <tr> <td>xlink:actuate</td><td>xlink:actuateType</td><td></td><td></td><td>optional</td></tr> <tr> <td>xlink:arcrole</td><td>xlink:arcroleType</td><td></td><td></td><td>optional</td></tr> <tr> <td>xlink:href</td><td>xlink:hrefType</td><td></td><td></td><td>optional</td></tr> <tr> <td>xlink:role</td><td>xlink:roleType</td><td></td><td></td><td>optional</td></tr> <tr> <td>xlink:show</td><td>xlink:showType</td><td></td><td></td><td>optional</td></tr> <tr> <td>xlink:title</td><td>xlink:titleAttrType</td><td></td><td></td><td>optional</td></tr> <tr> <td>xlink:type</td><td>xlink:typeType</td><td>simple</td><td></td><td>optional</td></tr> </tbody> </table>	QName	Type	Fixed	Default	Use	nilReason	gml:nilReasonType			optional	owns	boolean		false	optional	xlink:actuate	xlink:actuateType			optional	xlink:arcrole	xlink:arcroleType			optional	xlink:href	xlink:hrefType			optional	xlink:role	xlink:roleType			optional	xlink:show	xlink:showType			optional	xlink:title	xlink:titleAttrType			optional	xlink:type	xlink:typeType	simple		optional
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xlink:title	xlink:titleAttrType			optional																																															
xlink:type	xlink:typeType	simple		optional																																															

Element HarbourAreaAdministrativeType / layoutUnit

Namespace	http://www.ihc.int/S131/2.0				
Annotations	HarbourAreaSection[0..*]				
Diagram					
Type	gml:ReferenceType				
Properties	<table border="1"> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> </table>	content:	complex	minOccurs:	0
content:	complex				
minOccurs:	0				

		maxOccurs:	unbounded				
Model							
Attributes	QName	Type	Fixed	Default	Use		
	nilReason	gml:NilReasonType			optional		
	owns	boolean		false	optional		
	xlink:actuate	xlink:actuateType			optional		
	xlink:arcrole	xlink:arcroleType			optional		
	xlink:href	xlink:hrefType			optional		
	xlink:role	xlink:roleType			optional		
	xlink:show	xlink:showType			optional		
	xlink:title	xlink:titleAttrType			optional		
	xlink:type	xlink:typeType	simple		optional		

Element HarbourAreaAdministrativeType / geometry

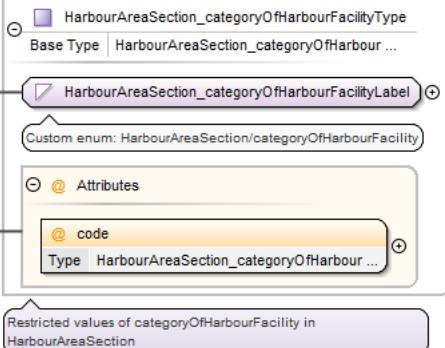
Namespace	http://www.ih0.int/S131/2.0
Diagram	<pre> graph LR HAAT[HarbourAreaAdministrativeType] -- "geometry" --> S100pointProperty[S100:pointProperty] HAAT -- "geometry" --> S100surfaceProperty[S100:surfaceProperty] </pre>
Properties	content: complex maxOccurs: unbounded
Model	pointProperty surfaceProperty

Element HarbourAreaSectionType / categoryOfPortSection

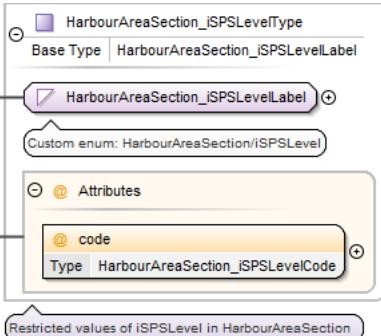
Namespace	http://www.ih0.int/S131/2.0								
Diagram	<pre> graph LR HASCT[categoryOfPortSection] --> HASCL[HarbourAreaSection_categoryOfPortSectionLabel] HASCT --> HASCPT[HarbourAreaSection_categoryOfPortSectionType] </pre>								
Type	HarbourAreaSection_categoryOfPortSectionType								
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • HarbourAreaSection_categoryOfPortSectionLabel • HarbourAreaSection_categoryOfPortSectionType 								
Properties	content: complex minOccurs: 0 maxOccurs: 1								
Attributes	<table border="1"> <tr> <td>QName</td> <td>Type</td> <td>Use</td> <td></td> </tr> <tr> <td>code</td> <td>HarbourAreaSection_categoryOfPortSectionCode</td> <td>required</td> <td></td> </tr> </table>	QName	Type	Use		code	HarbourAreaSection_categoryOfPortSectionCode	required	
QName	Type	Use							
code	HarbourAreaSection_categoryOfPortSectionCode	required							

Element HarbourAreaSectionType / categoryOfHarbourFacility

Namespace	http://www.ih0.int/S131/2.0
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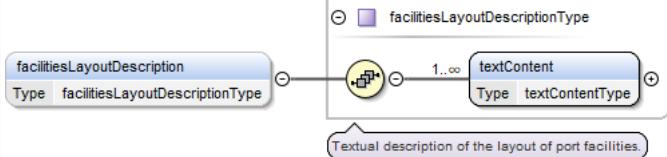
Diagram							
Type	HarbourAreaSection_categoryOfHarbourFacilityType						
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • HarbourAreaSection_categoryOfHarbourFacilityLabel • HarbourAreaSection_categoryOfHarbourFacilityType 						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>HarbourAreaSection_categoryOfHarbourFacilityCode</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	code	HarbourAreaSection_categoryOfHarbourFacilityCode	required
QName	Type	Use					
code	HarbourAreaSection_categoryOfHarbourFacilityCode	required					

Element HarbourAreaSectionType / iSPSLevel

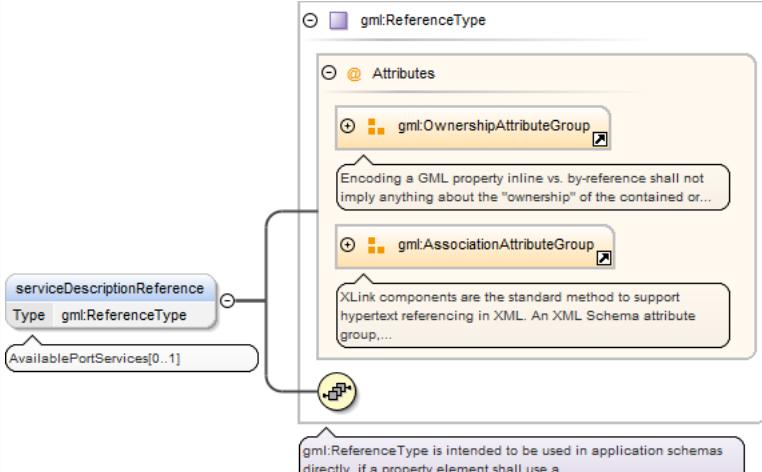
Namespace	http://www.ihc.int/S131/2.0						
Diagram							
Type	HarbourAreaSection_iSPSLevelType						
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • HarbourAreaSection_iSPSLevelLabel • HarbourAreaSection_iSPSLevelType 						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>HarbourAreaSection_iSPSLevelCode</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	code	HarbourAreaSection_iSPSLevelCode	required
QName	Type	Use					
code	HarbourAreaSection_iSPSLevelCode	required					

Element HarbourAreaSectionType / facilitiesLayoutDescription

Namespace	http://www.ihc.int/S131/2.0
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Diagram							
Type	facilitiesLayoutDescriptionType						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Model	textContent+						

Element HarbourAreaSectionType / serviceDescriptionReference

Namespace	http://www.ihc.int/S131/2.0																																																		
Annotations	AvailablePortServices[0..1]																																																		
Diagram																																																			
Type	gml:ReferenceType																																																		
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1																																												
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xlink:type	xlink:typeType	simple		optional																																															

Element HarbourAreaSectionType / facilityOperatingHours

Namespace	http://www.ihc.int/S131/2.0
Annotations	ServiceHours[0..1]

Diagram	<p>The diagram illustrates the structure of the <code>gml:ReferenceType</code> element. It shows the element itself with its attributes (<code>gml:OwnershipAttributeGroup</code> and <code>gml:AssociationAttributeGroup</code>) and associations (<code>facilityOperatingHours</code> and <code>componentOf</code>). A callout box provides a detailed explanation of the <code>gml:AssociationAttributeGroup</code> attribute.</p>																																																		
Type	<code>gml:ReferenceType</code>																																																		
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1																																												
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minOccurs:	0																																																		
maxOccurs:	1																																																		
Model																																																			
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<code>xlink:type</code>	<code>xlink:typeType</code>	simple		optional																																															

Element HarbourAreaSectionType / componentOf

Namespace	http://www.ihointerfaces.org/S131/2.0				
Annotations	<code>HarbourAreaAdministrative[0..1]</code>				
Diagram	<p>The diagram illustrates the structure of the <code>componentOf</code> element, which is a type of <code>gml:ReferenceType</code>. It shows the element with its attributes (<code>gml:OwnershipAttributeGroup</code> and <code>gml:AssociationAttributeGroup</code>) and associations (<code>componentOf</code> and <code>facilityOperatingHours</code>). A callout box provides a detailed explanation of the <code>gml:AssociationAttributeGroup</code> attribute.</p>				
Type	<code>gml:ReferenceType</code>				
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> </table>	content:	complex	minOccurs:	0
content:	complex				
minOccurs:	0				

	maxOccurs:	1				
Model						
Attributes	QName	Type	Fixed	Default	Use	
	nilReason	gml:NilReasonType			optional	
	owns	boolean		false	optional	
	xlink:actuate	xlink:actuateType			optional	
	xlink:arcrole	xlink:arcroleType			optional	
	xlink:href	xlink:hrefType			optional	
	xlink:role	xlink:roleType			optional	
	xlink:show	xlink:showType			optional	
	xlink:title	xlink:titleAttrType			optional	
	xlink:type	xlink:typeType	simple		optional	

Element HarbourAreaSectionType / constitute

Namespace	http://www.iho.int/S131/2.0																																																												
Annotations	HarbourAreaSection[0..1]																																																												
Diagram	<p>The diagram illustrates the structure of the gml:ReferenceType element. It contains two attribute groups: gml:OwnershipAttributeGroup and gml:AssociationAttributeGroup. A callout box provides a note about encoding properties inline vs. by-reference. Another callout box explains the purpose of XLink components for hypertext referencing. A third callout box notes that gml:ReferenceType is intended for application schemas.</p>																																																												
Type	gml:ReferenceType																																																												
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1																																																						
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xlink:title	xlink:titleAttrType			optional																																																									
xlink:type	xlink:typeType	simple		optional																																																									

Element HarbourAreaSectionType / subUnit

Namespace	http://www.iho.int/S131/2.0
Annotations	HarbourAreaSection[0..*]

Diagram	<p>The diagram shows the UML class <code>gml:ReferenceType</code>. It has two attributes: <code>gml:OwnershipAttributeGroup</code> and <code>gml:AssociationAttributeGroup</code>. A note states: "Encoding a GML property inline vs. by-reference shall not imply anything about the 'ownership' of the contained or..." Another note states: "XLink components are the standard method to support hypertext referencing in XML. An XML Schema attribute group....". A third note at the bottom states: "gml:ReferenceType is intended to be used in application schemas directly, if a property element shall use a...".</p>																																																		
Type	<code>gml:ReferenceType</code>																																																		
Properties	<table border="1"> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> <tr> <td>maxOccurs:</td><td>unbounded</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded																																												
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maxOccurs:	unbounded																																																		
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<code>xlink:type</code>	<code>xlink:typeType</code>	simple		optional																																															

Element HarbourAreaSectionType / hasInfrastructure

Namespace	http://www.ihc.int/S131/2.0				
Annotations	<code>HarbourPhysicalInfrastructure[0..*]</code>				
Diagram	<p>The diagram shows the UML class <code>gml:ReferenceType</code>. It has two attributes: <code>gml:OwnershipAttributeGroup</code> and <code>gml:AssociationAttributeGroup</code>. A note states: "Encoding a GML property inline vs. by-reference shall not imply anything about the 'ownership' of the contained or..." Another note states: "XLink components are the standard method to support hypertext referencing in XML. An XML Schema attribute group....". A third note at the bottom states: "gml:ReferenceType is intended to be used in application schemas directly, if a property element shall use a...".</p>				
Type	<code>gml:ReferenceType</code>				
Properties	<table border="1"> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> </table>	content:	complex	minOccurs:	0
content:	complex				
minOccurs:	0				

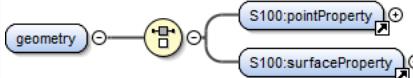
	maxOccurs:	unbounded				
Model						
Attributes	QName	Type	Fixed	Default	Use	
	nilReason	gml:NilReasonType			optional	
	owns	boolean		false	optional	
	xlink:actuate	xlink:actuateType			optional	
	xlink:arcrole	xlink:arcroleType			optional	
	xlink:href	xlink:hrefType			optional	
	xlink:role	xlink:roleType			optional	
	xlink:show	xlink:showType			optional	
	xlink:title	xlink:titleAttrType			optional	
	xlink:type	xlink:typeType	simple		optional	

Element HarbourAreaSectionType / layoutUnit

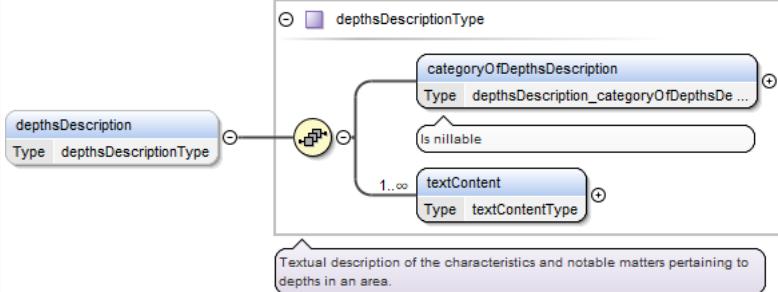
Namespace	http://www.ihc.int/S131/2.0							
Annotations	AnchorageArea Berth DockArea DumpingGround FenderLine HarbourBasin PilotBoardingPlace SeaplaneLandingArea Terminal TurningBasin WaterwayArea[0..*]							
Diagram								
Type	gml:ReferenceType							
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>		content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex							
minOccurs:	0							
maxOccurs:	unbounded							
Model								
Attributes	QName	Type	Fixed	Default	Use			
Attributes	nilReason	gml:NilReasonType			optional			
	owns	boolean		false	optional			
	xlink:actuate	xlink:actuateType			optional			
	xlink:arcrole	xlink:arcroleType			optional			
	xlink:href	xlink:hrefType			optional			
	xlink:role	xlink:roleType			optional			
	xlink:show	xlink:showType			optional			
	xlink:title	xlink:titleAttrType			optional			
	xlink:type	xlink:typeType	simple		optional			

Element HarbourAreaSectionType / geometry

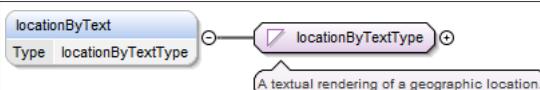
Namespace	http://www.ihc.int/S131/2.0
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Diagram	
Properties	<p>content: complex</p> <p>maxOccurs: unbounded</p>
Model	pointProperty surfaceProperty

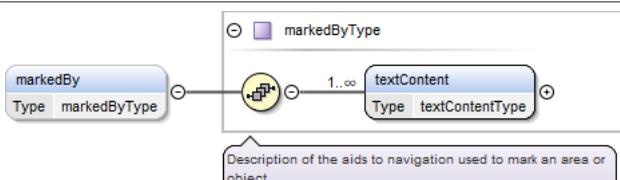
Element HarbourBasinType / depthsDescription

Namespace	http://www.ihc.int/S131/2.0
Diagram	 <p>Textual description of the characteristics and notable matters pertaining to depths in an area.</p>
Type	depthsDescriptionType
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Model	categoryOfDepthsDescription , textContent+

Element HarbourBasinType / locationByText

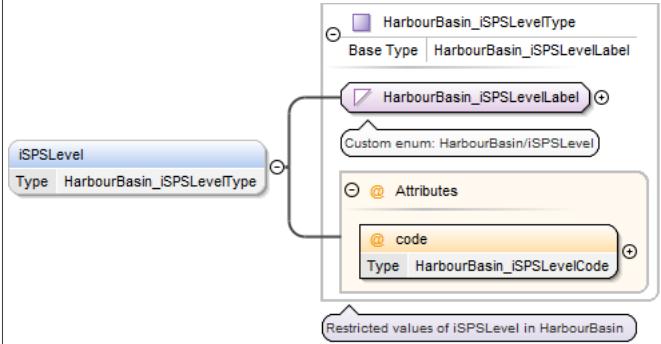
Namespace	http://www.ihc.int/S131/2.0
Diagram	 <p>A textual rendering of a geographic location.</p>
Type	locationByTextType
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Model	

Element HarbourBasinType / markedBy

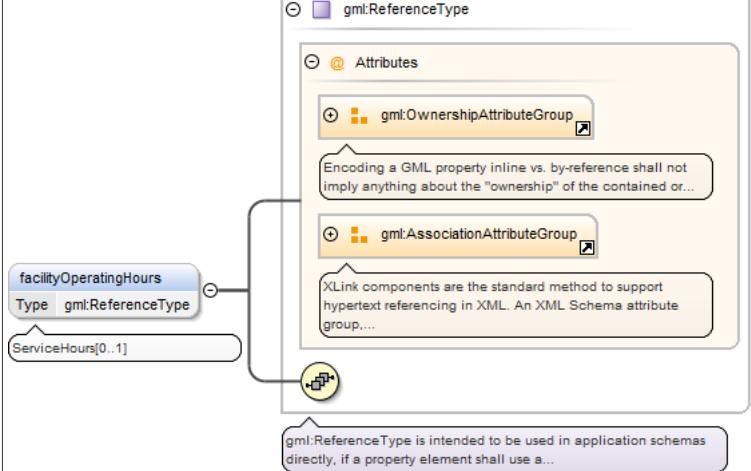
Namespace	http://www.ihc.int/S131/2.0
Diagram	 <p>Description of the aids to navigation used to mark an area or object.</p>
Type	markedByType
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Model	textContent+

Element HarbourBasinType / iSPSLevel

Namespace	http://www.ihc.int/S131/2.0
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Diagram							
Type	HarbourBasin_iSPSLevelType						
Type hierarchy	<ul style="list-style-type: none"> xs:string <ul style="list-style-type: none"> • HarbourBasin_iSPSLevelLabel <ul style="list-style-type: none"> • HarbourBasin_iSPSLevelType 						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>HarbourBasin_iSPSLevelCode</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	code	HarbourBasin_iSPSLevelCode	required
QName	Type	Use					
code	HarbourBasin_iSPSLevelCode	required					

Element HarbourBasinType / facilityOperatingHours

Namespace	http://www.aho.int/S131/2.0																																			
Annotations	ServiceHours[0..1]																																			
Diagram																																				
Type	gml:ReferenceType																																			
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1																													
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xlink:role	xlink:roleType			optional																																

QName	Type	Fixed	Default	Use
xlink:show	xlink:showType			optional
xlink:title	xlink:titleAttrType			optional
xlink:type	xlink:typeType	simple		optional

Element HarbourBasinType / componentOf

Namespace	http://www.ihc.int/S131/2.0																																																		
Annotations	HarbourAreaSection[1..1]																																																		
Diagram	<p>The diagram illustrates the UML class structure for the <code>componentOf</code> relationship. It shows a class named <code>componentOf</code> with a multiplicity of 1..1. This class has a directed association labeled <code>Type</code> pointing to the <code>gml:ReferenceType</code> class. The <code>gml:ReferenceType</code> class contains two attribute groups: <code>gml:OwnershipAttributeGroup</code> and <code>gml:AssociationAttributeGroup</code>. A callout box provides a note about the difference between inline and by-reference encoding for ownership. Another callout box explains the purpose of XLink components for hypertext referencing. A third callout box states that <code>gml:ReferenceType</code> is intended for application schemas.</p>																																																		
Type	<code>gml:ReferenceType</code>																																																		
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	1	maxOccurs:	1																																												
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minOccurs:	1																																																		
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xlink:type	<code>xlink:typeType</code>	simple		optional																																															

Element HarbourBasinType / geometry

Namespace	http://www.ihc.int/S131/2.0				
Diagram	<p>The diagram shows a directed association from the <code>geometry</code> class to the <code>S100:surfaceProperty</code> class. Both classes are marked with a yellow question mark icon, indicating they are stereotypes.</p>				
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	maxOccurs:	unbounded
content:	complex				
maxOccurs:	unbounded				
Model	surfaceProperty				

Element HarbourFacilityType / facilityOperatingHours

Namespace	http://www.ihc.int/S131/2.0
Annotations	ServiceHours[0..1]

Diagram																																																													
Type	gml:ReferenceType																																																												
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">complex</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">0</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">1</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1																																																						
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Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; padding: 2px;">QName</th><th style="text-align: left; padding: 2px;">Type</th><th style="text-align: left; padding: 2px;">Fixed</th><th style="text-align: left; padding: 2px;">Default</th><th style="text-align: left; padding: 2px;">Use</th><th style="text-align: left; padding: 2px;"></th></tr> </thead> <tbody> <tr> <td style="padding: 2px;">nilReason</td><td style="padding: 2px;">gml:nilReasonType</td><td style="padding: 2px;"></td><td style="padding: 2px;"></td><td style="padding: 2px;"></td><td style="padding: 2px;">optional</td></tr> <tr> <td style="padding: 2px;">owns</td><td style="padding: 2px;">boolean</td><td style="padding: 2px;"></td><td style="padding: 2px;">false</td><td style="padding: 2px;"></td><td style="padding: 2px;">optional</td></tr> <tr> <td style="padding: 2px;">xlink:actuate</td><td style="padding: 2px;">xlink:actuateType</td><td style="padding: 2px;"></td><td style="padding: 2px;"></td><td style="padding: 2px;"></td><td style="padding: 2px;">optional</td></tr> <tr> <td style="padding: 2px;">xlink:arcrole</td><td style="padding: 2px;">xlink:arcroleType</td><td style="padding: 2px;"></td><td style="padding: 2px;"></td><td style="padding: 2px;"></td><td style="padding: 2px;">optional</td></tr> <tr> <td style="padding: 2px;">xlink:href</td><td style="padding: 2px;">xlink:hrefType</td><td style="padding: 2px;"></td><td style="padding: 2px;"></td><td style="padding: 2px;"></td><td style="padding: 2px;">optional</td></tr> <tr> <td style="padding: 2px;">xlink:role</td><td style="padding: 2px;">xlink:roleType</td><td style="padding: 2px;"></td><td style="padding: 2px;"></td><td style="padding: 2px;"></td><td style="padding: 2px;">optional</td></tr> <tr> <td style="padding: 2px;">xlink:show</td><td style="padding: 2px;">xlink:showType</td><td style="padding: 2px;"></td><td style="padding: 2px;"></td><td style="padding: 2px;"></td><td style="padding: 2px;">optional</td></tr> <tr> <td style="padding: 2px;">xlink:title</td><td style="padding: 2px;">xlink:titleAttrType</td><td style="padding: 2px;"></td><td style="padding: 2px;"></td><td style="padding: 2px;"></td><td style="padding: 2px;">optional</td></tr> <tr> <td style="padding: 2px;">xlink:type</td><td style="padding: 2px;">xlink:typeType</td><td style="padding: 2px;">simple</td><td style="padding: 2px;"></td><td style="padding: 2px;"></td><td style="padding: 2px;">optional</td></tr> </tbody> </table>	QName	Type	Fixed	Default	Use		nilReason	gml:nilReasonType				optional	owns	boolean		false		optional	xlink:actuate	xlink:actuateType				optional	xlink:arcrole	xlink:arcroleType				optional	xlink:href	xlink:hrefType				optional	xlink:role	xlink:roleType				optional	xlink:show	xlink:showType				optional	xlink:title	xlink:titleAttrType				optional	xlink:type	xlink:typeType	simple			optional
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xlink:type	xlink:typeType	simple			optional																																																								

Element HarbourFacilityType / geometry

Namespace	http://www.ihc.int/S131/2.0				
Diagram					
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">complex</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">unbounded</td></tr> </table>	content:	complex	maxOccurs:	unbounded
content:	complex				
maxOccurs:	unbounded				
Model	pointProperty curveProperty surfaceProperty				

Element LockBasinType / sillDepth

Namespace	http://www.ihc.int/S131/2.0						
Diagram							
Type	sillDepthType						
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">simple</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">0</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">1</td></tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						

Facets	maxInclusive	100.0
	minInclusive	0.0

Element LockBasinType / facilityOperatingHours

Namespace	http://www.aho.int/S131/2.0																																																						
Annotations	ServiceHours[0..1]																																																						
Diagram																																																							
Type	gml:ReferenceType																																																						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> <td></td> <td></td> <td></td> </tr> <tr> <td>minOccurs:</td> <td>0</td> <td></td> <td></td> <td></td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> <td></td> <td></td> <td></td> </tr> </table>					content:	complex				minOccurs:	0				maxOccurs:	1																																						
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xlink:title	xlink:titleAttrType			optional																																																			
xlink:type	xlink:typeType	simple		optional																																																			

Element LockBasinType / geometry

Namespace	http://www.aho.int/S131/2.0														
Diagram															
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> <td></td> <td></td> <td></td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> <td></td> <td></td> <td></td> </tr> </table>					content:	complex				maxOccurs:	unbounded			
content:	complex														
maxOccurs:	unbounded														
Model	pointProperty surfaceProperty														

Element LockBasinPartType / sillDepth

Namespace	http://www.aho.int/S131/2.0				
Diagram					

Type	sillDepthType
Properties	content: simple minOccurs: 0 maxOccurs: 1
Facets	maxInclusive 100.0 minInclusive 0.0

Element LockBasinPartType / facilityOperatingHours

Namespace	http://www.aho.int/S131/2.0																																																												
Annotations	ServiceHours[0..1]																																																												
Diagram	<p>The diagram illustrates the UML class <code>facilityOperatingHours</code> which is defined as a <code>gml:ReferenceType</code>. It has two associations: one to <code>gml:OwnershipAttributeGroup</code> and another to <code>gml:AssociationAttributeGroup</code>. A note indicates that encoding a GML property inline vs. by-reference shall not imply anything about the "ownership" of the contained or... The note also states that XLink components are the standard method to support hypertext referencing in XML. An XML Schema attribute group.... A final note specifies that <code>gml:ReferenceType</code> is intended to be used in application schemas directly, if a property element shall use a...</p>																																																												
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xlink:title	xlink:titleAttrType				optional																																																								
xlink:type	xlink:typeType	simple			optional																																																								

Element LockBasinPartType / geometry

Namespace	http://www.aho.int/S131/2.0
Diagram	<p>The diagram shows the UML class <code>geometry</code> which is a base type. It has two associations: one to <code>S100:pointProperty</code> and another to <code>S100:surfaceProperty</code>.</p>
Properties	content: complex maxOccurs: unbounded
Model	pointProperty surfaceProperty

Element MooringBuoyType / maximumPermittedDraught

Namespace	http://www.ihc.int/S131/2.0	
Diagram		
Type	maximumPermittedDraughtType	
Properties	content: simple minOccurs: 0 maxOccurs: 1	
Facets	maxInclusive 30 . 0 minExclusive 0 . 0	

Element MooringBuoyType / maximumPermittedVesselLength

Namespace	http://www.ihc.int/S131/2.0	
Diagram		
Type	maximumPermittedVesselLengthType	
Properties	content: simple minOccurs: 0 maxOccurs: 1	
Facets	minExclusive 0 . 0	

Element MooringBuoyType / verticalLength

Namespace	http://www.ihc.int/S131/2.0	
Diagram		
Type	verticalLengthType	
Properties	content: simple minOccurs: 0 maxOccurs: 1	
Facets	minExclusive 0 . 0	

Element MooringBuoyType / visitorsMooring

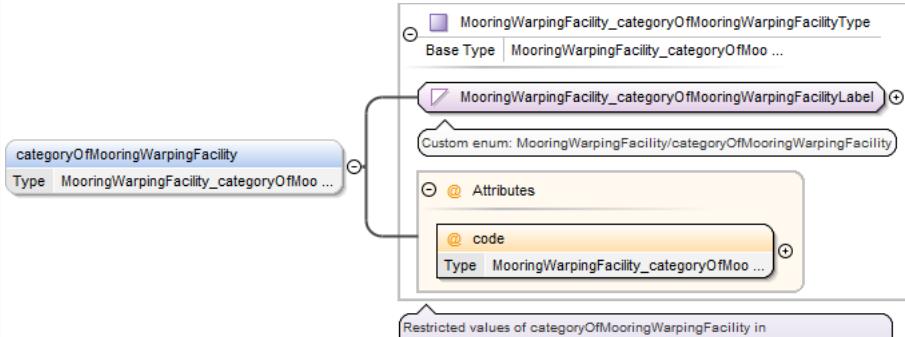
Namespace	http://www.ihc.int/S131/2.0	
Diagram		
Type	visitorsMooringType	
Properties	content: simple minOccurs: 0 maxOccurs: 1	

Element MooringBuoyType / geometry

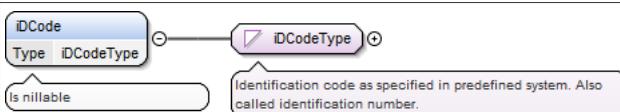
Namespace	http://www.ihc.int/S131/2.0	
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Diagram	
Properties	<p>content: complex</p> <p>maxOccurs: unbounded</p>
Model	pointProperty

Element MooringWarpingFacilityType / categoryOfMooringWarpingFacility

Namespace	http://www.ihc.int/S131/2.0						
Diagram							
Type	MooringWarpingFacility_categoryOfMooringWarpingFacilityType						
Type hierarchy	<ul style="list-style-type: none"> xs:string <ul style="list-style-type: none"> MooringWarpingFacility_categoryOfMooringWarpingFacilityLabel MooringWarpingFacility_categoryOfMooringWarpingFacilityType 						
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>						
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>MooringWarpingFacility_categoryOfMooringWarpingFacilityCode</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	code	MooringWarpingFacility_categoryOfMooringWarpingFacilityCode	required
QName	Type	Use					
code	MooringWarpingFacility_categoryOfMooringWarpingFacilityCode	required					

Element MooringWarpingFacilityType / iDCode

Namespace	http://www.ihc.int/S131/2.0
Annotations	Is nullable
Diagram	
Type	iDCodeType
Properties	<p>content: simple</p> <p>minOccurs: 1</p> <p>maxOccurs: 1</p> <p>nullable: true</p>

Element MooringWarpingFacilityType / bollardDescription

Namespace	http://www.ihc.int/S131/2.0
Diagram	

Type	bollardDescriptionType						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						

Element MooringWarpingFacilityType / safeWorkingLoad

Namespace	http://www.ihc.int/S131/2.0						
Diagram	<pre> graph LR SWL[safeWorkingLoad Type safeWorkingLoadType] --> SWLT[safeWorkingLoadType] SWLT -.-> SWL_desc["The maximum safe force or load that a piece of equipment, device, or accessory can handle without breaking or failing..."] </pre>						
Type	safeWorkingLoadType						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Facets	minExclusive 0 .. 0						

Element MooringWarpingFacilityType / heavingLinesFromShore

Namespace	http://www.ihc.int/S131/2.0						
Diagram	<pre> graph LR HLF[heavingLinesFromShore Type heavingLinesFromShoreType] --> HLFT[heavingLinesFromShoreType] HLFT -.-> HLF_desc["Ships must take heaving lines thrown from the shore."] </pre>						
Type	heavingLinesFromShoreType						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						

Element MooringWarpingFacilityType / serviceDescriptionReference

Namespace	http://www.ihc.int/S131/2.0						
Annotations	AvailablePortServices[0..1]						
Diagram	<pre> graph LR SDR[serviceDescriptionReference Type gml:ReferenceType] --> GRT[gml:ReferenceType] GRT -.-> SDR_desc["AvailablePortServices[0..1]"] GRT -.-> GRT_desc["gml:ReferenceType is intended to be used in application schemas directly, if a property element shall use a..."] GRT -.-> OAAG[gml:OwnershipAttributeGroup] GRT -.-> AAAG[gml:AssociationAttributeGroup] OAAG -.-> OAAG_desc["Encoding a GML property inline vs. by-reference shall not imply anything about the \"ownership\" of the contained or..."] AAAG -.-> AAAG_desc["XLink components are the standard method to support hypertext referencing in XML. An XML Schema attribute group...."] </pre>						
Type	gml:ReferenceType						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Model							

Attributes	QName	Type	Fixed	Default	Use	
	nilReason	gml:NilReasonType			optional	
	owns	boolean		false	optional	
	xlink:actuate	xlink:actuateType			optional	
	xlink:arcrole	xlink:arcroleType			optional	
	xlink:href	xlink:hrefType			optional	
	xlink:role	xlink:roleType			optional	
	xlink:show	xlink:showType			optional	
	xlink:title	xlink:titleAttrType			optional	
	xlink:type	xlink:typeType	simple		optional	

Element MooringWarpingFacilityType / facilityOperatingHours

Namespace	http://www.ihc.int/S131/2.0							
Annotations	ServiceHours[0..1]							
Diagram	<p>The diagram illustrates the structure of the gml:ReferenceType element. It shows two nested groups: gml:OwnershipAttributeGroup and gml:AssociationAttributeGroup. A callout box provides a note about encoding properties inline vs. by-reference. Another callout box explains the use of XLink components for hypertext referencing. A third callout box states that gml:ReferenceType is intended for direct use in application schemas.</p>							
Type	gml:ReferenceType							
Properties	<table> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>		content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex							
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maxOccurs:	1							
Model								
Attributes	QName	Type	Fixed	Default	Use			
	nilReason	gml:NilReasonType			optional			
	owns	boolean		false	optional			
	xlink:actuate	xlink:actuateType			optional			
	xlink:arcrole	xlink:arcroleType			optional			
	xlink:href	xlink:hrefType			optional			
	xlink:role	xlink:roleType			optional			
	xlink:show	xlink:showType			optional			
	xlink:title	xlink:titleAttrType			optional			
	xlink:type	xlink:typeType	simple		optional			

Element MooringWarpingFacilityType / primaryFacility

Namespace	http://www.ihc.int/S131/2.0
Annotations	AnchorBerth BerthPosition[0..1]

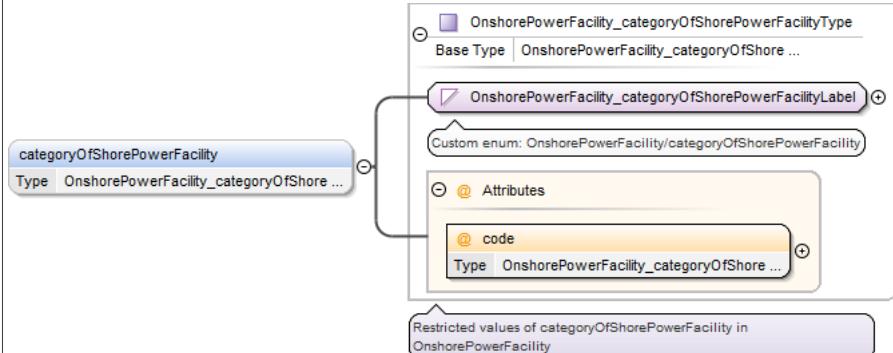
Diagram																																																			
Type	gml:ReferenceType																																																		
Properties	<table border="1"> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1																																												
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minOccurs:	0																																																		
maxOccurs:	1																																																		
Model																																																			
Attributes	<table border="1"> <thead> <tr> <th>QName</th><th>Type</th><th>Fixed</th><th>Default</th><th>Use</th></tr> </thead> <tbody> <tr> <td>nilReason</td><td>gml:nilReasonType</td><td></td><td></td><td>optional</td></tr> <tr> <td>owns</td><td>boolean</td><td></td><td>false</td><td>optional</td></tr> <tr> <td>xlink:actuate</td><td>xlink:actuateType</td><td></td><td></td><td>optional</td></tr> <tr> <td>xlink:arcrole</td><td>xlink:arcroleType</td><td></td><td></td><td>optional</td></tr> <tr> <td>xlink:href</td><td>xlink:hrefType</td><td></td><td></td><td>optional</td></tr> <tr> <td>xlink:role</td><td>xlink:roleType</td><td></td><td></td><td>optional</td></tr> <tr> <td>xlink:show</td><td>xlink:showType</td><td></td><td></td><td>optional</td></tr> <tr> <td>xlink:title</td><td>xlink:titleAttrType</td><td></td><td></td><td>optional</td></tr> <tr> <td>xlink:type</td><td>xlink:typeType</td><td>simple</td><td></td><td>optional</td></tr> </tbody> </table>	QName	Type	Fixed	Default	Use	nilReason	gml:nilReasonType			optional	owns	boolean		false	optional	xlink:actuate	xlink:actuateType			optional	xlink:arcrole	xlink:arcroleType			optional	xlink:href	xlink:hrefType			optional	xlink:role	xlink:roleType			optional	xlink:show	xlink:showType			optional	xlink:title	xlink:titleAttrType			optional	xlink:type	xlink:typeType	simple		optional
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xlink:title	xlink:titleAttrType			optional																																															
xlink:type	xlink:typeType	simple		optional																																															

Element MooringWarpingFacilityType / geometry

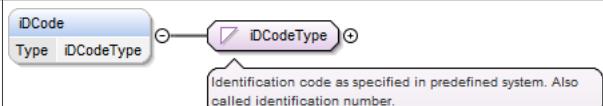
Namespace	http://www.ihc.int/S131/2.0				
Diagram					
Properties	<table border="1"> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>maxOccurs:</td><td>unbounded</td></tr> </table>	content:	complex	maxOccurs:	unbounded
content:	complex				
maxOccurs:	unbounded				
Model	pointProperty				

Element OnshorePowerFacilityType / categoryOfShorePowerFacility

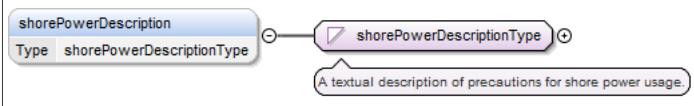
Namespace	http://www.ihc.int/S131/2.0
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Diagram							
Type	OnshorePowerFacility_categoryOfShorePowerFacilityType						
Type hierarchy	<ul style="list-style-type: none"> xs:string <ul style="list-style-type: none"> OnshorePowerFacility_categoryOfShorePowerFacilityLabel OnshorePowerFacility_categoryOfShorePowerFacilityType 						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>OnshorePowerFacility_categoryOfShorePowerFacilityCode</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	code	OnshorePowerFacility_categoryOfShorePowerFacilityCode	required
QName	Type	Use					
code	OnshorePowerFacility_categoryOfShorePowerFacilityCode	required					

Element OnshorePowerFacilityType / iDCode

Namespace	http://www.aho.int/S131/2.0						
Diagram							
Type	iDCodeType						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						

Element OnshorePowerFacilityType / shorePowerDescription

Namespace	http://www.aho.int/S131/2.0						
Diagram							
Type	shorePowerDescriptionType						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						

Element OnshorePowerFacilityType / categoryOfVoltage

Namespace	http://www.aho.int/S131/2.0
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Diagram							
Type	OnshorePowerFacility_categoryOfVoltageType						
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • OnshorePowerFacility_categoryOfVoltageLabel • OnshorePowerFacility_categoryOfVoltageType 						
Properties	<table> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>OnshorePowerFacility_categoryOfVoltageCode</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	code	OnshorePowerFacility_categoryOfVoltageCode	required
QName	Type	Use					
code	OnshorePowerFacility_categoryOfVoltageCode	required					

Element OnshorePowerFacilityType / categoryOfFrequency

Namespace	http://www.aho.int/S131/2.0						
Diagram							
Type	OnshorePowerFacility_categoryOfFrequencyType						
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • OnshorePowerFacility_categoryOfFrequencyLabel • OnshorePowerFacility_categoryOfFrequencyType 						
Properties	<table> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>OnshorePowerFacility_categoryOfFrequencyCode</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	code	OnshorePowerFacility_categoryOfFrequencyCode	required
QName	Type	Use					
code	OnshorePowerFacility_categoryOfFrequencyCode	required					

Element OnshorePowerFacilityType / categoryOfPlug

Namespace	http://www.aho.int/S131/2.0
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Diagram	<pre> graph LR categoryOfPlug["categoryOfPlug Type categoryOfPlugType"] --> categoryOfPlugType["categoryOfPlugType"] </pre> <p>The type of plug(s) available at the power supply station.</p>						
Type	categoryOfPlugType						
Properties	<table border="1"> <tr> <td>content:</td><td>simple</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> <tr> <td>maxOccurs:</td><td>unbounded</td></tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	unbounded
content:	simple						
minOccurs:	0						
maxOccurs:	unbounded						

Element OnshorePowerFacilityType / shorePowerServiceProvider

Namespace	http://www.ihc.int/S131/2.0						
Diagram	<pre> graph LR shorePowerServiceProvider["shorePowerServiceProvider Type shorePowerServiceProviderType"] --> shorePowerServiceProviderType["shorePowerServiceProviderType"] </pre> <p>An entity that generates, sells, or is responsible for supplying shore power to vessels.</p>						
Type	shorePowerServiceProviderType						
Properties	<table border="1"> <tr> <td>content:</td><td>simple</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						

Element OnshorePowerFacilityType / facilityOperatingHours

Namespace	http://www.ihc.int/S131/2.0																																													
Annotations	ServiceHours[0..1]																																													
Diagram	<pre> graph LR facilityOperatingHours["facilityOperatingHours Type gml:ReferenceType"] --> gmlReferenceType["gml:ReferenceType"] </pre> <p>gml:ReferenceType is intended to be used in application schemas directly, if a property element shall use a...</p> <p>Attributes:</p> <ul style="list-style-type: none"> gml:OwnershipAttributeGroup gml:AssociationAttributeGroup <p>XLink components are the standard method to support hypertext referencing in XML. An XML Schema attribute group...</p>																																													
Type	gml:ReferenceType																																													
Properties	<table border="1"> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1																																							
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xlink:title	xlink:titleAttrType			optional																																										

QName	Type	Fixed	Default	Use
xlink:type	xlink:typeType	simple		optional

Element OnshorePowerFacilityType / geometry

Namespace	http://www.ihc.int/S131/2.0
Diagram	<pre> graph LR geometry[geometry] --- S100pointProperty[S100:pointProperty] style geometry fill:#e0f2e0 style S100pointProperty fill:#d9eaf7 </pre>
Properties	content: complex maxOccurs: unbounded
Model	pointProperty

Element OuterLimitType / limitsDescription

Namespace	http://www.ihc.int/S131/2.0
Diagram	<pre> graph LR limitsDescription[limitsDescription] --- textContent[textContent] style limitsDescription fill:#e0f2e0 style textContent fill:#d9eaf7 textContent -- "1..oo" --> limitsDescription </pre> <p>Description of the area covered by the information specified.</p>
Type	limitsDescriptionType
Properties	content: complex minOccurs: 0 maxOccurs: 1
Model	textContent+

Element OuterLimitType / markedBy

Namespace	http://www.ihc.int/S131/2.0
Diagram	<pre> graph LR markedBy[markedBy] --- textContent[textContent] style markedBy fill:#e0f2e0 style textContent fill:#d9eaf7 textContent -- "1..oo" --> markedBy </pre> <p>Description of the aids to navigation used to mark an area or object.</p>
Type	markedByType
Properties	content: complex minOccurs: 0 maxOccurs: unbounded
Model	textContent+

Element OuterLimitType / landmarkDescription

Namespace	http://www.ihc.int/S131/2.0
Diagram	<pre> graph LR landmarkDescription[landmarkDescription] --- textContent[textContent] style landmarkDescription fill:#e0f2e0 style textContent fill:#d9eaf7 textContent -- "1..oo" --> landmarkDescription </pre> <p>Textual description of selected landmarks that have significance in an area.</p>
Type	landmarkDescriptionType
Properties	content: complex

	minOccurs:	0
	maxOccurs:	unbounded
Model	textContent+	

Element OuterLimitType / offshoreMarkDescription

Namespace	http://www.ihc.int/S131/2.0
Diagram	<pre> classDiagram class offshoreMarkDescription { <<offshoreMarkDescription>> <<Type: offshoreMarkDescriptionType>> } class offshoreMarkDescriptionType { <<offshoreMarkDescriptionType>> <<Type: textContentType>> } offshoreMarkDescription "1..*" -- "*" offshoreMarkDescriptionType note over offshoreMarkDescriptionType: Description of aids to navigation or prominent marks located away from the shore. </pre>
Type	offshoreMarkDescriptionType
Properties	content: complex minOccurs: 0 maxOccurs: unbounded
Model	textContent+

Element OuterLimitType / majorLightDescription

Namespace	http://www.ihc.int/S131/2.0
Diagram	<pre> classDiagram class majorLightDescription { <<majorLightDescription>> <<Type: majorLightDescriptionType>> } class majorLightDescriptionType { <<majorLightDescriptionType>> <<Type: textContentType>> } majorLightDescription "1..*" -- "*" majorLightDescriptionType note over majorLightDescriptionType: A description of navigational significant lights essential for marking landfalls, offshore dangers, shipping routes, ... </pre>
Type	majorLightDescriptionType
Properties	content: complex minOccurs: 0 maxOccurs: unbounded
Model	textContent+

Element OuterLimitType / usefulMarkDescription

Namespace	http://www.ihc.int/S131/2.0
Diagram	<pre> classDiagram class usefulMarkDescription { <<usefulMarkDescription>> <<Type: usefulMarkDescriptionType>> } class usefulMarkDescriptionType { <<usefulMarkDescriptionType>> <<Type: textContentType>> } usefulMarkDescription "1..*" -- "*" usefulMarkDescriptionType note over usefulMarkDescriptionType: Description of Aids to Navigation or prominent marks which are usually clearly visible and identifiable enough to be... </pre>
Type	usefulMarkDescriptionType
Properties	content: complex minOccurs: 0 maxOccurs: unbounded
Model	textContent+

Element OuterLimitType / entranceReference

Namespace	http://www.ihc.int/S131/2.0
Annotations	Entrance[0..1]

Diagram	<pre> classDiagram class gml { class ReferenceType { attribute entranceReference : gml:ReferenceType [multiplicity 0..1] attribute ownershipAssociationAttributeGroup attribute associationAttributeGroup note "gml:ReferenceType is intended to be used in application schemas directly, if a property element shall use a..." over associationAttributeGroup } } </pre>																																																		
Type	gml:ReferenceType																																																		
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1																																												
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Element OuterLimitType / limitReference

Namespace	http://www.ihc.int/S131/2.0				
Annotations	HarbourAreaAdministrative[1..1]				
Diagram	<pre> classDiagram class gml { class ReferenceType { attribute limitReference : gml:ReferenceType [multiplicity 1..1] attribute ownershipAssociationAttributeGroup attribute associationAttributeGroup note "gml:ReferenceType is intended to be used in application schemas directly, if a property element shall use a..." over associationAttributeGroup } } </pre>				
Type	gml:ReferenceType				
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	1
content:	complex				
minOccurs:	1				

	maxOccurs:	1				
Model						
Attributes	QName	Type	Fixed	Default	Use	
	nilReason	gml:NilReasonType			optional	
	owns	boolean		false	optional	
	xlink:actuate	xlink:actuateType			optional	
	xlink:arcrole	xlink:arcroleType			optional	
	xlink:href	xlink:hrefType			optional	
	xlink:role	xlink:roleType			optional	
	xlink:show	xlink:showType			optional	
	xlink:title	xlink:titleAttrType			optional	
	xlink:type	xlink:typeType	simple		optional	

Element OuterLimitType / geometry

Namespace	http://www.ihc.int/S131/2.0
Diagram	<pre> classDiagram class geometry class S100:curveProperty class S100:surfaceProperty geometry < -- S100:curveProperty geometry < -- S100:surfaceProperty </pre>
Properties	content: complex maxOccurs: unbounded
Model	curveProperty surfaceProperty

Element PilotBoardingPlaceType / depthsDescription

Namespace	http://www.ihc.int/S131/2.0
Diagram	<pre> classDiagram class depthsDescriptionType class depthsDescription class categoryOfDepthsDescription class textContent depthsDescription < -- depthsDescriptionType depthsDescriptionType < -- categoryOfDepthsDescription depthsDescriptionType < -- textContent </pre> <p>Textual description of the characteristics and notable matters pertaining to depths in an area.</p>
Type	depthsDescriptionType
Properties	content: complex minOccurs: 0 maxOccurs: 1
Model	categoryOfDepthsDescription , textContent+

Element PilotBoardingPlaceType / locationByText

Namespace	http://www.ihc.int/S131/2.0
Diagram	<pre> classDiagram class locationByText class locationByTextType locationByText < -- locationByTextType </pre> <p>A textual rendering of a geographic location.</p>
Type	locationByTextType
Properties	content: simple minOccurs: 0 maxOccurs: 1

Element PilotBoardingPlaceType / pilotMovement

Namespace	http://www.ihc.int/S131/2.0						
Diagram	<pre> classDiagram class PilotBoardingPlace_pilotMovementType { <<Base Type>> PilotBoardingPlace_pilotMovementLabel PilotBoardingPlace_pilotMovementCode } class PilotBoardingPlace_pilotMovementLabel class PilotBoardingPlace_pilotMovementCode <<Custom enum: PilotBoardingPlace/pilotMovement>> <<@ Attributes>> <<@ code>> <<Restricted values of pilotMovement in PilotBoardingPlace>> </pre>						
Type	PilotBoardingPlace_pilotMovementType						
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • PilotBoardingPlace_pilotMovementLabel • PilotBoardingPlace_pilotMovementType 						
Properties	<table> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>3</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	3
content:	complex						
minOccurs:	0						
maxOccurs:	3						
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>PilotBoardingPlace_pilotMovementCode</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	code	PilotBoardingPlace_pilotMovementCode	required
QName	Type	Use					
code	PilotBoardingPlace_pilotMovementCode	required					

Element PilotBoardingPlaceType / markedBy

Namespace	http://www.ihc.int/S131/2.0						
Diagram	<pre> classDiagram class markedByType { <<Base Type>> textContent } class textContent <<Description of the aids to navigation used to mark an area or object.>> </pre>						
Type	markedByType						
Properties	<table> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Model	textContent+						

Element PilotBoardingPlaceType / iSPSLevel

Namespace	http://www.ihc.int/S131/2.0
Diagram	<pre> classDiagram class PilotBoardingPlace_iSPSLevelType { <<Base Type>> PilotBoardingPlace_iSPSLevelLabel PilotBoardingPlace_iSPSLevelCode } class PilotBoardingPlace_iSPSLevelLabel class PilotBoardingPlace_iSPSLevelCode <<Custom enum: PilotBoardingPlace/iSPSLevel>> <<@ Attributes>> <<@ code>> <<Restricted values of iSPSLevel in PilotBoardingPlace>> </pre>

Type	PilotBoardingPlace_iSPSLevelType		
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • PilotBoardingPlace_iSPSLevelLabel • PilotBoardingPlace_iSPSLevelType 		
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>		
Attributes	QName	Type	Use
	code	PilotBoarding-Place_iSPSLevelCode	required

Element PilotBoardingPlaceType / facilityOperatingHours

Namespace	http://www.iho.int/S131/2.0				
Annotations	ServiceHours[0..1]				
Diagram					
Type	gml:ReferenceType				
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>				
Model					
Attributes	QName	Type	Fixed	Default	Use
	nilReason	gml:nilReasonType			optional
	owns	boolean		false	optional
	xlink:actuate	xlink:actuateType			optional
	xlink:arcrole	xlink:arcroleType			optional
	xlink:href	xlink:hrefType			optional
	xlink:role	xlink:roleType			optional
	xlink:show	xlink:showType			optional
	xlink:title	xlink:titleAttrType			optional
	xlink:type	xlink:typeType	simple		optional

Element PilotBoardingPlaceType / componentOf

Namespace	http://www.iho.int/S131/2.0				
Annotations	HarbourAreaSection[1..1]				

Diagram																																																			
Type	gml:ReferenceType																																																		
Properties	<table border="1"> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>1</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> </table>	content:	complex	minOccurs:	1	maxOccurs:	1																																												
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xlink:type	xlink:typeType	simple		optional																																															

Element PilotBoardingPlaceType / geometry

Namespace	http://www.ihc.int/S131/2.0				
Diagram					
Properties	<table border="1"> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>maxOccurs:</td><td>unbounded</td></tr> </table>	content:	complex	maxOccurs:	unbounded
content:	complex				
maxOccurs:	unbounded				
Model	surfaceProperty pointProperty				

Element SeaplaneLandingAreaType / depthsDescription

Namespace	http://www.ihc.int/S131/2.0
Diagram	

Type	depthsDescriptionType
Properties	content: complex minOccurs: 0 maxOccurs: 1
Model	categoryOfDepthsDescription , textContent+

Element SeaplaneLandingAreaType / locationByText

Namespace	http://www.ihc.int/S131/2.0
Diagram	
Type	locationByTextType
Properties	content: simple minOccurs: 0 maxOccurs: 1

Element SeaplaneLandingAreaType / markedBy

Namespace	http://www.ihc.int/S131/2.0
Diagram	
Type	markedByType
Properties	content: complex minOccurs: 0 maxOccurs: 1
Model	textContent+

Element SeaplaneLandingAreaType / iSPSLevel

Namespace	http://www.ihc.int/S131/2.0
Diagram	
Type	SeaplaneLandingArea_iSPSLevelType
Type hierarchy	<ul style="list-style-type: none"> • xs:string • SeaplaneLandingArea_iSPSLevelLabel • SeaplaneLandingArea_iSPSLevelType
Properties	content: complex

	minOccurs:	0	
	maxOccurs:	1	
Attributes	QName	Type	Use
	code	SeaplaneLandingArea_iSPSLevelCode	required

Element SeaplaneLandingAreaType / facilityOperatingHours

Namespace	http://www.ihc.int/S131/2.0																																																		
Annotations	ServiceHours[0..1]																																																		
Diagram																																																			
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Element SeaplaneLandingAreaType / componentOf

Namespace	http://www.ihc.int/S131/2.0
Annotations	HarbourAreaSection[1..1]

Diagram																																																			
Type	gml:ReferenceType																																																		
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xlink:title	xlink:titleAttrType			optional																																															
xlink:type	xlink:typeType	simple		optional																																															

Element SeaplaneLandingAreaType / geometry

Namespace	http://www.ihc.int/S131/2.0				
Diagram					
Properties	<table border="1"> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>maxOccurs:</td><td>unbounded</td></tr> </table>	content:	complex	maxOccurs:	unbounded
content:	complex				
maxOccurs:	unbounded				
Model	surfaceProperty pointProperty				

Element ShipLiftType / verticalClearanceValue

Namespace	http://www.ihc.int/S131/2.0						
Diagram							
Type	verticalClearanceValueType						
Properties	<table border="1"> <tr> <td>content:</td><td>simple</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						

Facets	maxInclusive	100.0
	minInclusive	0.1

Element **ShipLiftType / facilityOperatingHours**

Namespace	http://www.ih0.int/S131/2.0																																																			
Annotations	ServiceHours[0..1]																																																			
Diagram																																																				
Type	gml:ReferenceType																																																			
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>		content:	complex	minOccurs:	0	maxOccurs:	1																																												
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xlink:title	xlink:titleAttrType			optional																																																
xlink:type	xlink:typeType	simple		optional																																																

Element **ShipLiftType / geometry**

Namespace	http://www.ih0.int/S131/2.0					
Diagram						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>		content:	complex	maxOccurs:	unbounded
content:	complex					
maxOccurs:	unbounded					
Model	pointProperty surfaceProperty					

Element **StraddleCarrierType / facilityOperatingHours**

Namespace	http://www.ih0.int/S131/2.0	
Annotations	ServiceHours[0..1]	

Diagram																																																													
Type	gml:ReferenceType																																																												
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">complex</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">0</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">1</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1																																																						
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xlink:type	xlink:typeType	simple			optional																																																								

Element straddleCarrierType / geometry

Namespace	http://www.ihc.int/S131/2.0				
Diagram					
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">complex</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">unbounded</td></tr> </table>	content:	complex	maxOccurs:	unbounded
content:	complex				
maxOccurs:	unbounded				
Model	pointProperty surfaceProperty				

Element TerminalType / portFacilityNumber

Namespace	http://www.ihc.int/S131/2.0						
Diagram							
Type	portFacilityNumberType						
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">simple</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">0</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">1</td></tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						

Element TerminalType / categoryOfTerminal

Namespace	http://www.oho.int/S131/2.0											
Diagram	<pre> classDiagram class categoryOfTerminal { <<Type Terminal_categoryOfTerminalType>> } class Terminal_categoryOfTerminalType { <<Base Type Terminal_categoryOfTerminalLabel>> } class Terminal_categoryOfTerminalLabel { <<Custom enum: Terminal/categoryOfTerminal>> } class Attributes { <<@ code>> <<Type Terminal_categoryOfTerminalCode>> } class Terminal_categoryOfTerminalCode { <<Type Terminal_categoryOfTerminalCode>> } class Note { <<Restricted values of categoryOfTerminal in Terminal>> } </pre>											
Type	Terminal_categoryOfTerminalType											
Type hierarchy	<ul style="list-style-type: none"> xs:string <ul style="list-style-type: none"> Terminal_categoryOfTerminalLabel Terminal_categoryOfTerminalType 											
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> <td></td> </tr> <tr> <td>minOccurs:</td> <td>0</td> <td></td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> <td></td> </tr> </table>			content:	complex		minOccurs:	0		maxOccurs:	1	
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Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>Terminal_categoryOfTerminalCode</td> <td>required</td> </tr> </tbody> </table>			QName	Type	Use	code	Terminal_categoryOfTerminalCode	required			
QName	Type	Use										
code	Terminal_categoryOfTerminalCode	required										

Element TerminalType / categoryOfCargo

Namespace	http://www.oho.int/S131/2.0											
Diagram	<pre> classDiagram class categoryOfCargo { <<Type Terminal_categoryOfCargoType>> } class Terminal_categoryOfCargoType { <<Base Type Terminal_categoryOfCargoLabel>> } class Terminal_categoryOfCargoLabel { <<Custom enum: Terminal/categoryOfCargo>> } class Attributes { <<@ code>> <<Type Terminal_categoryOfCargoCode>> } class Terminal_categoryOfCargoCode { <<Type Terminal_categoryOfCargoCode>> } class Note { <<Restricted values of categoryOfCargo in Terminal>> } </pre>											
Type	Terminal_categoryOfCargoType											
Type hierarchy	<ul style="list-style-type: none"> xs:string <ul style="list-style-type: none"> Terminal_categoryOfCargoLabel Terminal_categoryOfCargoType 											
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> <td></td> </tr> <tr> <td>minOccurs:</td> <td>0</td> <td></td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> <td></td> </tr> </table>			content:	complex		minOccurs:	0		maxOccurs:	unbounded	
content:	complex											
minOccurs:	0											
maxOccurs:	unbounded											
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>Terminal_categoryOfCargoCode</td> <td>required</td> </tr> </tbody> </table>			QName	Type	Use	code	Terminal_categoryOfCargoCode	required			
QName	Type	Use										
code	Terminal_categoryOfCargoCode	required										

Element TerminalType / product

Namespace	http://www.oho.int/S131/2.0		
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Diagram	<pre> classDiagram class Terminal_productType { <<Base Type Terminal_productLabel>> <<Custom enum: Terminal/product>> <<Attributes>> code : Terminal_productCode } product --> Terminal_productType Terminal_productLabel { <<Custom enum: Terminal/product>> } code { <<Type Terminal_productCode>> } </pre> <p>Restricted values of product in Terminal</p>						
Type	Terminal_productType						
Type hierarchy	<ul style="list-style-type: none"> xs:string Terminal_productLabel Terminal_productType 						
Properties	<table> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>Terminal_productCode</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	code	Terminal_productCode	required
QName	Type	Use					
code	Terminal_productCode	required					

Element TerminalType / terminalIdentifier

Namespace	http://www.oho.int/S131/2.0						
Diagram	<pre> classDiagram class terminalIdentifier { <<Type terminalIdentifierType>> } terminalIdentifier --> terminalIdentifierType <<The unique identifier for a given terminal.>> </pre>						
Type	terminalIdentifierType						
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						

Element TerminalType / sMDGTerminalCode

Namespace	http://www.oho.int/S131/2.0						
Diagram	<pre> classDiagram class sMDGTerminalCode { <<Type sMDGTerminalCodeType>> } sMDGTerminalCode --> sMDGTerminalCodeType <<A code from the SMDG (Ship Message Design Group) Terminal Code List.>> </pre>						
Type	sMDGTerminalCodeType						
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						

Element TerminalType / uNLocationCode

Namespace	http://www.oho.int/S131/2.0
Diagram	<pre> classDiagram class uNLocationCode { <<Type uNLocationCodeType>> } uNLocationCode --> uNLocationCodeType <<Used to encode the UN Location Code (http://www.unece.org/cefact/locode/service/location.html) or - in Europe - the...>> </pre>
Type	uNLocationCodeType

Properties	content: simple minOccurs: 0 maxOccurs: 1
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Element TerminalType / serviceDescriptionReference

Namespace	http://www.iho.int/S131/2.0																																																		
Annotations	AvailablePortServices[0..1]																																																		
Diagram																																																			
Type	gml:ReferenceType																																																		
Properties	content: complex minOccurs: 0 maxOccurs: 1																																																		
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xlink:title	xlink:titleAttrType			optional																																															
xlink:type	xlink:typeType	simple		optional																																															

Element TerminalType / facilityOperatingHours

Namespace	http://www.iho.int/S131/2.0
Annotations	ServiceHours[0..1]

Diagram																																																			
Type	gml:ReferenceType																																																		
Properties	<table border="1"> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1																																												
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xlink:type	xlink:typeType	simple		optional																																															

Element TerminalType / componentOf

Namespace	http://www.ihc.int/S131/2.0				
Annotations	HarbourAreaSection[1..1]				
Diagram					
Type	gml:ReferenceType				
Properties	<table border="1"> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>1</td></tr> </table>	content:	complex	minOccurs:	1
content:	complex				
minOccurs:	1				

	maxOccurs:	1				
Model						
Attributes	QName	Type	Fixed	Default	Use	
	nilReason	gml:NilReasonType			optional	
	owns	boolean		false	optional	
	xlink:actuate	xlink:actuateType			optional	
	xlink:arcrole	xlink:arcroleType			optional	
	xlink:href	xlink:hrefType			optional	
	xlink:role	xlink:roleType			optional	
	xlink:show	xlink:showType			optional	
	xlink:title	xlink:titleAttrType			optional	
	xlink:type	xlink:typeType	simple		optional	

Element TerminalType / layoutUnit

Namespace	http://www.iho.int/S131/2.0											
Annotations	Berth[0..*]											
Diagram												
Type	gml:ReferenceType											
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>						content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex											
minOccurs:	0											
maxOccurs:	unbounded											
Model												
Attributes	QName	Type	Fixed	Default	Use							
	nilReason	gml:NilReasonType			optional							
	owns	boolean		false	optional							
	xlink:actuate	xlink:actuateType			optional							
	xlink:arcrole	xlink:arcroleType			optional							
	xlink:href	xlink:hrefType			optional							
	xlink:role	xlink:roleType			optional							
	xlink:show	xlink:showType			optional							
	xlink:title	xlink:titleAttrType			optional							
	xlink:type	xlink:typeType	simple		optional							

Element TerminalType / hasInfrastructure

Namespace	http://www.iho.int/S131/2.0					
Annotations	HarbourPhysicalInfrastructure[0..*]					

Diagram																																																			
Type	gml:ReferenceType																																																		
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded																																												
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Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Fixed</th> <th>Default</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>nilReason</td> <td>gml:nilReasonType</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>owns</td> <td>boolean</td> <td></td> <td>false</td> <td>optional</td> </tr> <tr> <td>xlink:actuate</td> <td>xlink:actuateType</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>xlink:arcrole</td> <td>xlink:arcroleType</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>xlink:href</td> <td>xlink:hrefType</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>xlink:role</td> <td>xlink:roleType</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>xlink:show</td> <td>xlink:showType</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>xlink:title</td> <td>xlink:titleAttrType</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>xlink:type</td> <td>xlink:typeType</td> <td>simple</td> <td></td> <td>optional</td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	nilReason	gml:nilReasonType			optional	owns	boolean		false	optional	xlink:actuate	xlink:actuateType			optional	xlink:arcrole	xlink:arcroleType			optional	xlink:href	xlink:hrefType			optional	xlink:role	xlink:roleType			optional	xlink:show	xlink:showType			optional	xlink:title	xlink:titleAttrType			optional	xlink:type	xlink:typeType	simple		optional
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Element TerminalType / geometry

Namespace	http://www.ihodata.org/S131/2.0				
Diagram					
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	maxOccurs:	unbounded
content:	complex				
maxOccurs:	unbounded				
Model	pointProperty surfaceProperty				

Element TurningBasinType / depthsDescription

Namespace	http://www.ihodata.org/S131/2.0
Diagram	

Type	depthsDescriptionType
Properties	content: complex minOccurs: 0 maxOccurs: 1
Model	categoryOfDepthsDescription , textContent+

Element TurningBasinType / locationByText

Namespace	http://www.ihodata.org/S131/2.0
Diagram	
Type	locationByTextType
Properties	content: simple minOccurs: 0 maxOccurs: 1

Element TurningBasinType / markedBy

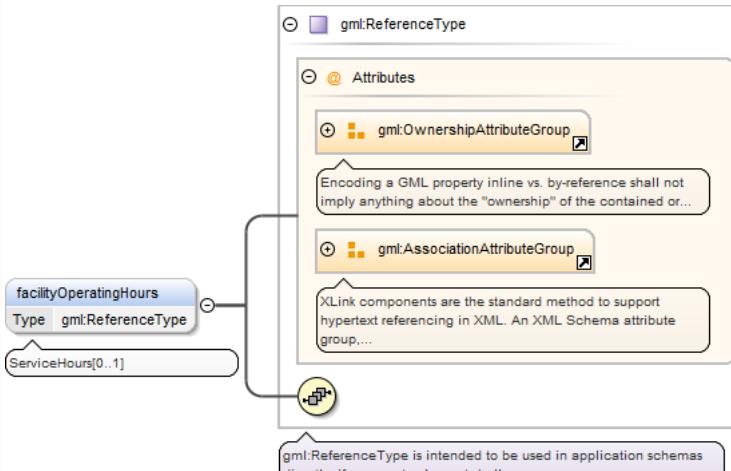
Namespace	http://www.ihodata.org/S131/2.0
Diagram	
Type	markedByType
Properties	content: complex minOccurs: 0 maxOccurs: 1
Model	textContent+

Element TurningBasinType / iSPSLevel

Namespace	http://www.ihodata.org/S131/2.0
Diagram	
Type	TurningBasin_iSPSLevelType
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • TurningBasin_iSPSLevelLabel • TurningBasin_iSPSLevelType
Properties	content: complex

	minOccurs:	0	
	maxOccurs:	1	
Attributes	QName	Type	Use
	code	TurningBasin_iSPSLevelCode	required

Element TurningBasinType / facilityOperatingHours

Namespace	http://www.ihc.int/S131/2.0																																																		
Annotations	ServiceHours[0..1]																																																		
Diagram																																																			
Type	gml:ReferenceType																																																		
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1																																												
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Element TurningBasinType / componentOf

Namespace	http://www.ihc.int/S131/2.0
Annotations	HarbourAreaSection[1..1]

Diagram																																																			
Type	gml:ReferenceType																																																		
Properties	<table border="1"> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>1</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> </table>	content:	complex	minOccurs:	1	maxOccurs:	1																																												
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Element TurningBasinType / geometry

Namespace	http://www.ihc.int/S131/2.0				
Diagram					
Properties	<table border="1"> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>maxOccurs:</td><td>unbounded</td></tr> </table>	content:	complex	maxOccurs:	unbounded
content:	complex				
maxOccurs:	unbounded				
Model	surfaceProperty				

Element WaterwayAreaType / categoryOfPortSection

Namespace	http://www.ihc.int/S131/2.0
Diagram	

Type	WaterwayArea_categoryOfPortSectionType		
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • WaterwayArea_categoryOfPortSectionLabel • WaterwayArea_categoryOfPortSectionType 		
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>		
Attributes	QName	Type	Use
	code	WaterwayArea_categoryOfPortSectionCode	required

Element WaterwayAreaType / depthsDescription

Namespace	http://www.ihc.int/S131/2.0
Diagram	<pre> classDiagram class depthsDescription { <<Type depthsDescriptionType>> } class depthsDescriptionType { <<complex>> attribute categoryOfDepthsDescription : depthsDescription_categoryOfDepthsDe ... attribute textContent : textContentType } depthsDescription "1..oo" --> depthsDescriptionType depthsDescriptionType "is nullable" </pre>
Type	depthsDescriptionType
Properties	<p>content: complex</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>
Model	categoryOfDepthsDescription , textContent+

Element WaterwayAreaType / locationByText

Namespace	http://www.ihc.int/S131/2.0
Diagram	<pre> classDiagram class locationByText { <<Type locationByTextType>> } class locationByTextType { <<simple>> } </pre>
Type	locationByTextType
Properties	<p>content: simple</p> <p>minOccurs: 0</p> <p>maxOccurs: 1</p>

Element WaterwayAreaType / markedBy

Namespace	http://www.ihc.int/S131/2.0
Diagram	<pre> classDiagram class markedBy { <<Type markedByType>> } class markedByType { <<complex>> attribute textContent : textContentType } markedBy "1..oo" --> markedByType </pre>
Type	markedByType
Properties	content: complex

	minOccurs:	0
	maxOccurs:	1
Model	textContent+	

Element WaterwayAreaType / facilityOperatingHours

Namespace	http://www.aho.int/S131/2.0																																																			
Annotations	ServiceHours[0..1]																																																			
Diagram	<p>The diagram illustrates the structure of the <code>facilityOperatingHours</code> element. It is defined as a type of <code>gml:ReferenceType</code>. A constraint <code>ServiceHours[0..1]</code> is applied to it. It has two associations: one with <code>gml:OwnershipAttributeGroup</code> and another with <code>gml:AssociationAttributeGroup</code>. A note explains that encoding a GML property inline vs. by-reference shall not imply anything about the "ownership" of the contained or... XLink components are the standard method to support hypertext referencing in XML. An XML Schema attribute group... <code>gml:ReferenceType</code> is intended to be used in application schemas directly, if a property element shall use a...</p>																																																			
Type	<code>gml:ReferenceType</code>																																																			
Properties	<table> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>		content:	complex	minOccurs:	0	maxOccurs:	1																																												
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Element WaterwayAreaType / componentOf

Namespace	http://www.aho.int/S131/2.0	
Annotations	HarbourAreaSection[1..1]	

Diagram																																																													
Type	gml:ReferenceType																																																												
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">complex</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">1</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">1</td></tr> </table>	content:	complex	minOccurs:	1	maxOccurs:	1																																																						
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Element WaterwayAreaType / geometry

Namespace	http://www.ihoint/S131/2.0				
Diagram					
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">complex</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">unbounded</td></tr> </table>	content:	complex	maxOccurs:	unbounded
content:	complex				
maxOccurs:	unbounded				
Model	surfaceProperty				

Element DataCoverageType / maximumDisplayScale

Namespace	http://www.ihoint/S131/2.0						
Annotations	Not nullable						
Diagram							
Type	maximumDisplayScaleType						
Properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content:</td><td style="padding: 2px;">simple</td></tr> <tr> <td style="padding: 2px;">minOccurs:</td><td style="padding: 2px;">1</td></tr> <tr> <td style="padding: 2px;">maxOccurs:</td><td style="padding: 2px;">1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						

Facets	minInclusive	1
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Element DataCoverageType / minimumDisplayScale

Namespace	http://www.ihodata.org/S131/2.0	
Annotations	Is nullable	
Diagram		
Type	minimumDisplayScaleType	
Properties	content: simple minOccurs: 1 maxOccurs: 1 nullable: true	
Facets	minInclusive	1

Element DataCoverageType / optimumDisplayScale

Namespace	http://www.ihodata.org/S131/2.0	
Diagram		
Type	optimumDisplayScaleType	
Properties	content: simple minOccurs: 0 maxOccurs: 1	
Facets	minInclusive	1

Element DataCoverageType / interoperabilityIdentifier

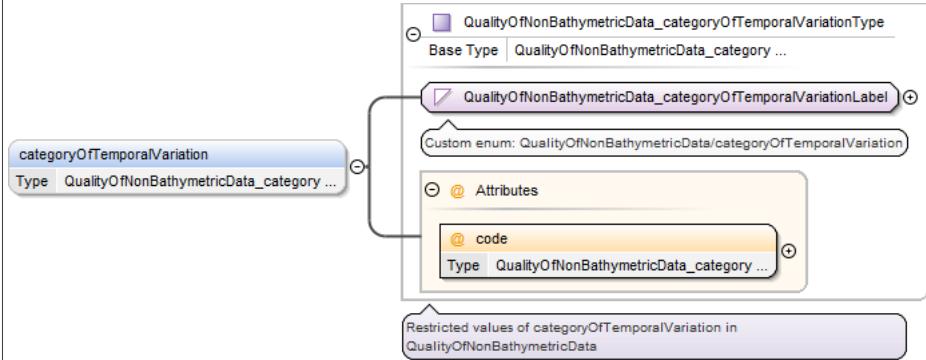
Namespace	http://www.ihodata.org/S131/2.0	
Diagram		
Type	interoperabilityIdentifierType	
Properties	content: simple minOccurs: 0 maxOccurs: unbounded	
Model		

Element DataCoverageType / geometry

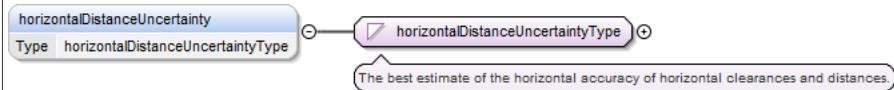
Namespace	http://www.ihodata.org/S131/2.0	
Diagram		
Properties	content: complex maxOccurs: unbounded	
Model	surfaceProperty	

Element QualityOfNonBathymetricDataType / categoryOfTemporalVariation

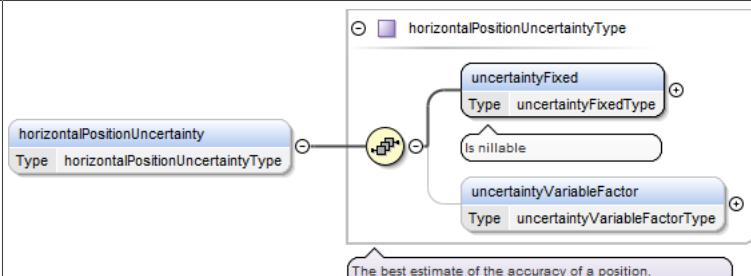
Namespace	http://www.ihodata.org/S131/2.0	
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Diagram							
Type	QualityOfNonBathymetricData_categoryOfTemporalVariationType						
Type hierarchy	<ul style="list-style-type: none"> xs:string <ul style="list-style-type: none"> QualityOfNonBathymetricData_categoryOfTemporalVariationLabel QualityOfNonBathymetricData_categoryOfTemporalVariationType 						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>QualityOfNonBathymetricData_categoryOfTemporalVariationCode</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	code	QualityOfNonBathymetricData_categoryOfTemporalVariationCode	required
QName	Type	Use					
code	QualityOfNonBathymetricData_categoryOfTemporalVariationCode	required					

Element QualityOfNonBathymetricDataType / horizontalDistanceUncertainty

Namespace	http://www.ihodata.org/S131/2.0						
Diagram							
Type	horizontalDistanceUncertaintyType						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						
Facets	minInclusive 0						

Element QualityOfNonBathymetricDataType / horizontalPositionUncertainty

Namespace	http://www.ihodata.org/S131/2.0						
Diagram							
Type	horizontalPositionUncertaintyType						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						

Model uncertaintyFixed , uncertaintyVariableFactor{0,1}

Element QualityOfNonBathymetricDataType / orientationUncertainty

Namespace	http://www.ihc.int/S131/2.0
Diagram	<pre> classDiagram class orientationUncertainty { <<Type>> } class orientationUncertaintyType { <<The best estimate of the accuracy of a bearing.>> } orientationUncertainty "1" -- "1" orientationUncertaintyType </pre>
Type	orientationUncertaintyType
Properties	content: simple minOccurs: 0 maxOccurs: 1
Facets	maxExclusive 360.000 minInclusive 0.000

Element QualityOfNonBathymetricDataType / interoperabilityIdentifier

Namespace	http://www.ihc.int/S131/2.0						
Diagram	 <pre> classDiagram class interoperabilityIdentifier { <<interoperabilityIdentifierType>> } interoperabilityIdentifier "1" -- "*" interoperabilityIdentifierType class interoperabilityIdentifierType { <<A common unique identifier for entities which describe a single real-world feature, and which is used to identify...>> } </pre>						
Type	interoperabilityIdentifierType						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	unbounded
content:	simple						
minOccurs:	0						
maxOccurs:	unbounded						

Element QualityOfNonBathymetricDataType / sourceIndication

Namespace	http://www.ihc.int/SI31/2.0						
Diagram	<p>The diagram shows a class named <code>sourceIndication</code> (Type: <code>sourceIndicationType</code>) connected to a composite structure named <code>sourceIndicationType</code>. The composite structure contains the following elements:</p> <ul style="list-style-type: none"> <code>categoryOfAuthority</code> (Type: <code>sourceIndication_categoryOfAuthorityType</code>) <code>countryName</code> (Type: <code>countryNameType</code>) <code>source</code> (Type: <code>sourceType</code>) <code>sourceType</code> (Type: <code>sourceIndication_sourceTypeType</code>) <code>reportedDate</code> (Type: <code>reportedDateType</code>) <code>featureName</code> (Type: <code>featureNameType</code>, multiplicity: 0..∞) <p>A callout box below the composite structure states: "Information about the source document, publication, or reference from which object data or textual material included or..."</p>						
Type	<code>sourceIndicationType</code>						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Model	<code>categoryOfAuthority{0,1}</code> , <code>countryName{0,1}</code> , <code>source{0,1}</code> , <code>sourceType{0,1}</code> , <code>reportedDate{0,1}</code> , <code>featureName*</code>						

Element QualityOfNonBathymetricDataType / surveyDateRange

Namespace	http://www.ihodata.org/S131/2.0						
Diagram	<pre> classDiagram class surveyDateRangeType { dateStart : dateStartType dateEnd : dateEndType } surveyDateRangeType < -- surveyDateRange surveyDateRange < -- surveyDateRangeType surveyDateRange < -- dateStart{0,1} surveyDateRange < -- dateEnd{0,1} </pre>						
Type	surveyDateRangeType						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Model	dateStart{0,1} , dateEnd						

Element QualityOfNonBathymetricDataType / verticalUncertainty

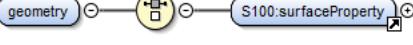
Namespace	http://www.ihodata.org/S131/2.0						
Diagram	<pre> classDiagram class verticalUncertaintyType { uncertaintyFixed : uncertaintyFixedType uncertaintyVariableFactor : uncertaintyVariableFactorType } verticalUncertaintyType < -- verticalUncertainty verticalUncertainty < -- verticalUncertaintyType verticalUncertainty < -- uncertaintyFixed verticalUncertainty < -- uncertaintyVariableFactor{0,1} </pre>						
Type	verticalUncertaintyType						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Model	uncertaintyFixed , uncertaintyVariableFactor{0,1}						

Element QualityOfNonBathymetricDataType / information

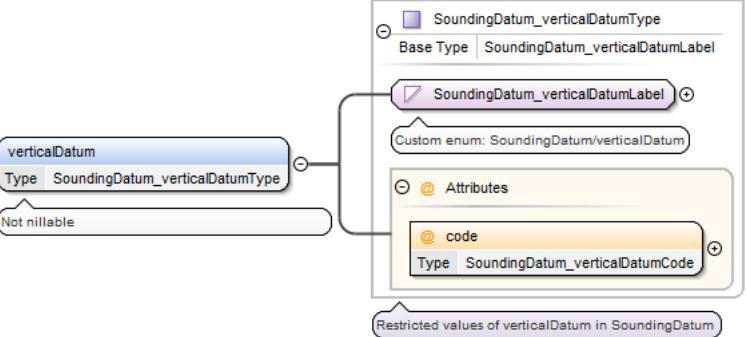
Namespace	http://www.ihodata.org/S131/2.0
Diagram	<pre> classDiagram class informationType { fileLocator : fileLocatorType fileReference : fileReferenceType headline : headlineType language : languageType text : textType } informationType < -- information information < -- informationType information < -- headline{0..oo} </pre>

Type	informationType
Properties	content: complex minOccurs: 0 maxOccurs: unbounded
Model	fileLocator{0,1} , fileReference{0,1} , headline* , language{0,1} , text{0,1}

Element QualityOfNonBathymetricDataType / geometry

Namespace	http://www.ihodata.org/S131/2.0
Diagram	
Properties	content: complex maxOccurs: unbounded
Model	surfaceProperty

Element SoundingDatumType / verticalDatum

Namespace	http://www.ihodata.org/S131/2.0						
Annotations	Not nullable						
Diagram							
Type	SoundingDatum_verticalDatumType						
Type hierarchy	<ul style="list-style-type: none"> xs:string <ul style="list-style-type: none"> SoundingDatum_verticalDatumLabel SoundingDatum_verticalDatumType 						
Properties	content: complex minOccurs: 1 maxOccurs: 1						
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>SoundingDatum_verticalDatumCode</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	code	SoundingDatum_verticalDatumCode	required
QName	Type	Use					
code	SoundingDatum_verticalDatumCode	required					

Element SoundingDatumType / information

Namespace	http://www.ihodata.org/S131/2.0
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Diagram	
Type	informationType
Properties	content: complex minOccurs: 0 maxOccurs: unbounded
Model	fileLocator{0,1} , fileReference{0,1} , headline* , language{0,1} , text{0,1}

Element SoundingDatumType / geometry

Namespace	http://www.ihc.int/S131/2.0
Diagram	
Properties	content: complex maxOccurs: unbounded
Model	surfaceProperty

Element VerticalDatumOfDataType / verticalDatum

Namespace	http://www.ihc.int/S131/2.0
Annotations	Not nullable
Diagram	
Type	VerticalDatumOfData_verticalDatumType
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • VerticalDatumOfData_verticalDatumLabel • VerticalDatumOfData_verticalDatumType
Properties	content: complex minOccurs: 1 maxOccurs: 1

Attributes	QName	Type	Use
	code	VerticalDatumOfData_verticalDatumCode	required

Element VerticalDatumOfDataType / information

Namespace	http://www.ihodata.org/S131/2.0						
Diagram	<pre> classDiagram class informationType { fileLocator : fileLocatorType fileReference : fileReferenceType headline : headlineType language : languageType text : textType } class information { <<informationType>> } information < -- informationType </pre> <p>Textual information about the feature. The information may be provided as a string of text or as a file name of a...</p>						
Type	informationType						
Properties	<table> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Model	fileLocator{0,1}, fileReference{0,1}, headline*, language{0,1}, text{0,1}						

Element VerticalDatumOfDataType / geometry

Namespace	http://www.ihodata.org/S131/2.0				
Diagram	<pre> classDiagram class geometry { S100:surfaceProperty } </pre>				
Properties	<table> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	maxOccurs:	unbounded
content:	complex				
maxOccurs:	unbounded				
Model	surfaceProperty				

Element TextPlacementType / textOffsetBearing

Namespace	http://www.ihodata.org/S131/2.0						
Annotations	Not nullable						
Diagram	<pre> classDiagram class textOffsetBearing { textOffsetBearingType } class textOffsetBearingType { <<textOffsetBearing>> } textOffsetBearing < -- textOffsetBearingType </pre> <p>Not nullable</p> <p>The angular distance measured from true north that text associated with a feature is positioned from the feature in an...</p>						
Type	textOffsetBearingType						
Properties	<table> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Facets	<table> <tr> <td>maxExclusive</td> <td>360</td> </tr> <tr> <td>minInclusive</td> <td>0</td> </tr> </table>	maxExclusive	360	minInclusive	0		
maxExclusive	360						
minInclusive	0						

Element TextPlacementType / textOffsetDistance

Namespace	http://www.ihodata.org/S131/2.0
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Annotations	Not nullable						
Diagram	<p>The diagram shows a class named 'textOffsetDistance' with an association to another class named 'textOffsetDistanceType'. A note below 'textOffsetDistance' states 'Not nullable'. A note below 'textOffsetDistanceType' defines it as 'The distance that text associated with a feature is positioned from the feature in an end-user system.'</p>						
Type	textOffsetDistanceType						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Facets	<table border="1"> <tr> <td>maxInclusive</td> <td>50</td> </tr> <tr> <td>minExclusive</td> <td>0</td> </tr> </table>	maxInclusive	50	minExclusive	0		
maxInclusive	50						
minExclusive	0						

Element TextPlacementType / textRotation

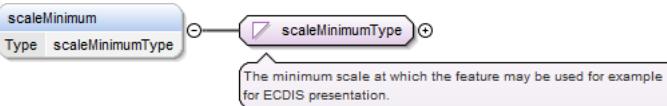
Namespace	http://www.ihoint/S131/2.0						
Diagram	<p>The diagram shows a class named 'textRotation' with an association to another class named 'textRotationType'. A note below 'textRotation' states 'A statement that expresses if text associated with a feature is to be rotated in the ECDIS display or not.'</p>						
Type	textRotationType						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						

Element TextPlacementType / textType

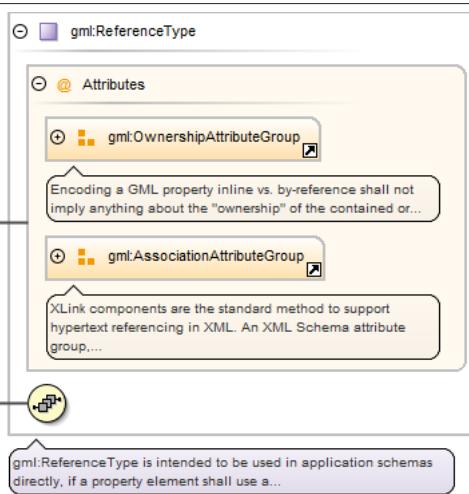
Namespace	http://www.ihoint/S131/2.0						
Annotations	Not nullable						
Diagram	<p>The diagram shows a class named 'textType' with an association to another class named 'TextPlacement_textTypeType'. A note below 'textType' states 'Not nullable'. A note below 'TextPlacement_textTypeType' defines it as 'Base Type TextPlacement_textTypeLabel'. It also shows 'TextPlacement_textTypeLabel' as a custom enum and 'TextPlacement_textTypeCode' as an attribute.</p>						
Type	TextPlacement_textTypeType						
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • TextPlacement_textTypeLabel • TextPlacement_textTypeType 						
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>2</td> </tr> </table>	content:	complex	minOccurs:	1	maxOccurs:	2
content:	complex						
minOccurs:	1						
maxOccurs:	2						
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>TextPlacement_textTypeCode</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	code	TextPlacement_textTypeCode	required
QName	Type	Use					
code	TextPlacement_textTypeCode	required					

Element TextPlacementType / scaleMinimum

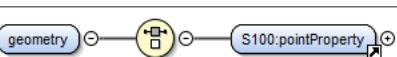
Namespace	http://www.ihoint/S131/2.0
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Diagram							
Type	scaleMinimumType						
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>minOccurs:</td> <td>0</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	simple	minOccurs:	0	maxOccurs:	1
content:	simple						
minOccurs:	0						
maxOccurs:	1						

Element TextPlacementType / thePositionProvider

Namespace	http://www.ih0.int/S131/2.0																																																		
Annotations	FeatureType[1..1]																																																		
Diagram																																																			
Type	gml:ReferenceType																																																		
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>minOccurs:</td> <td>1</td> </tr> <tr> <td>maxOccurs:</td> <td>1</td> </tr> </table>	content:	complex	minOccurs:	1	maxOccurs:	1																																												
content:	complex																																																		
minOccurs:	1																																																		
maxOccurs:	1																																																		
Model																																																			
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Fixed</th> <th>Default</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>nilReason</td> <td>gml:nilReasonType</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>owns</td> <td>boolean</td> <td></td> <td>false</td> <td>optional</td> </tr> <tr> <td>xlink:actuate</td> <td>xlink:actuateType</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>xlink:arcrole</td> <td>xlink:arcroleType</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>xlink:href</td> <td>xlink:hrefType</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>xlink:role</td> <td>xlink:roleType</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>xlink:show</td> <td>xlink:showType</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>xlink:title</td> <td>xlink:titleAttrType</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>xlink:type</td> <td>xlink:typeType</td> <td>simple</td> <td></td> <td>optional</td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	nilReason	gml:nilReasonType			optional	owns	boolean		false	optional	xlink:actuate	xlink:actuateType			optional	xlink:arcrole	xlink:arcroleType			optional	xlink:href	xlink:hrefType			optional	xlink:role	xlink:roleType			optional	xlink:show	xlink:showType			optional	xlink:title	xlink:titleAttrType			optional	xlink:type	xlink:typeType	simple		optional
QName	Type	Fixed	Default	Use																																															
nilReason	gml:nilReasonType			optional																																															
owns	boolean		false	optional																																															
xlink:actuate	xlink:actuateType			optional																																															
xlink:arcrole	xlink:arcroleType			optional																																															
xlink:href	xlink:hrefType			optional																																															
xlink:role	xlink:roleType			optional																																															
xlink:show	xlink:showType			optional																																															
xlink:title	xlink:titleAttrType			optional																																															
xlink:type	xlink:typeType	simple		optional																																															

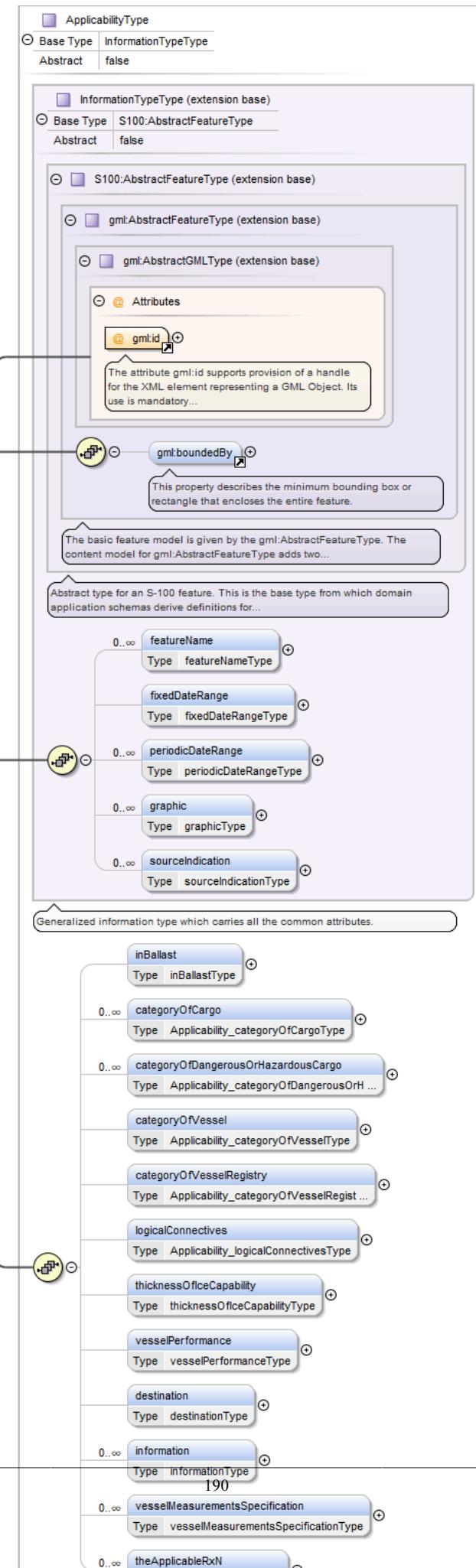
Element TextPlacementType / geometry

Namespace	http://www.ih0.int/S131/2.0				
Diagram					
Properties	<table border="1"> <tr> <td>content:</td> <td>complex</td> </tr> <tr> <td>maxOccurs:</td> <td>unbounded</td> </tr> </table>	content:	complex	maxOccurs:	unbounded
content:	complex				
maxOccurs:	unbounded				
Model	pointProperty				

Element Applicability

Namespace	http://www.ihc.int/S131/2.0
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Diagram

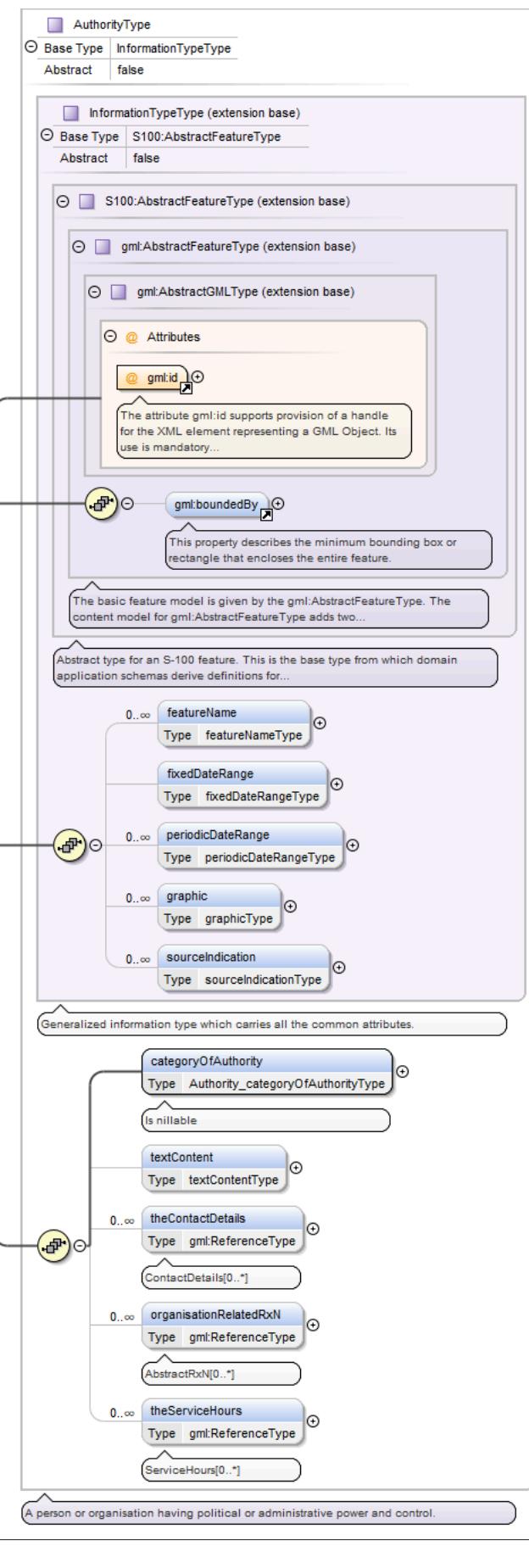


Type	ApplicabilityType										
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType <ul style="list-style-type: none"> • AbstractFeatureType <ul style="list-style-type: none"> • InformationTypeType • ApplicabilityType 										
Properties	content: complex										
Used by	Element Group MemberObjects										
Model	gml:boundedBy{0,1} , featureName* , fixedDateRange{0,1} , periodicDateRange* , graphic* , sourceIndication* , inBallast{0,1} , categoryOfCargo* , categoryOfDangerousOrHazardousCargo* , categoryOfVessel{0,1} , categoryOfVesselRegistry{0,1} , logicalConnectives{0,1} , thicknessOfIceCapability{0,1} , vesselPerformance{0,1} , destination{0,1} , information* , vesselMeasurementsSpecification* , theApplicableRxN*										
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> </tbody> </table>	QName	Type	Use		gml:id	ID	required		<p>The attribute <code>gml:id</code> supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>	
QName	Type	Use									
gml:id	ID	required									

Element Authority

Namespace	http://www.ihc.int/S131/2.0
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Diagram



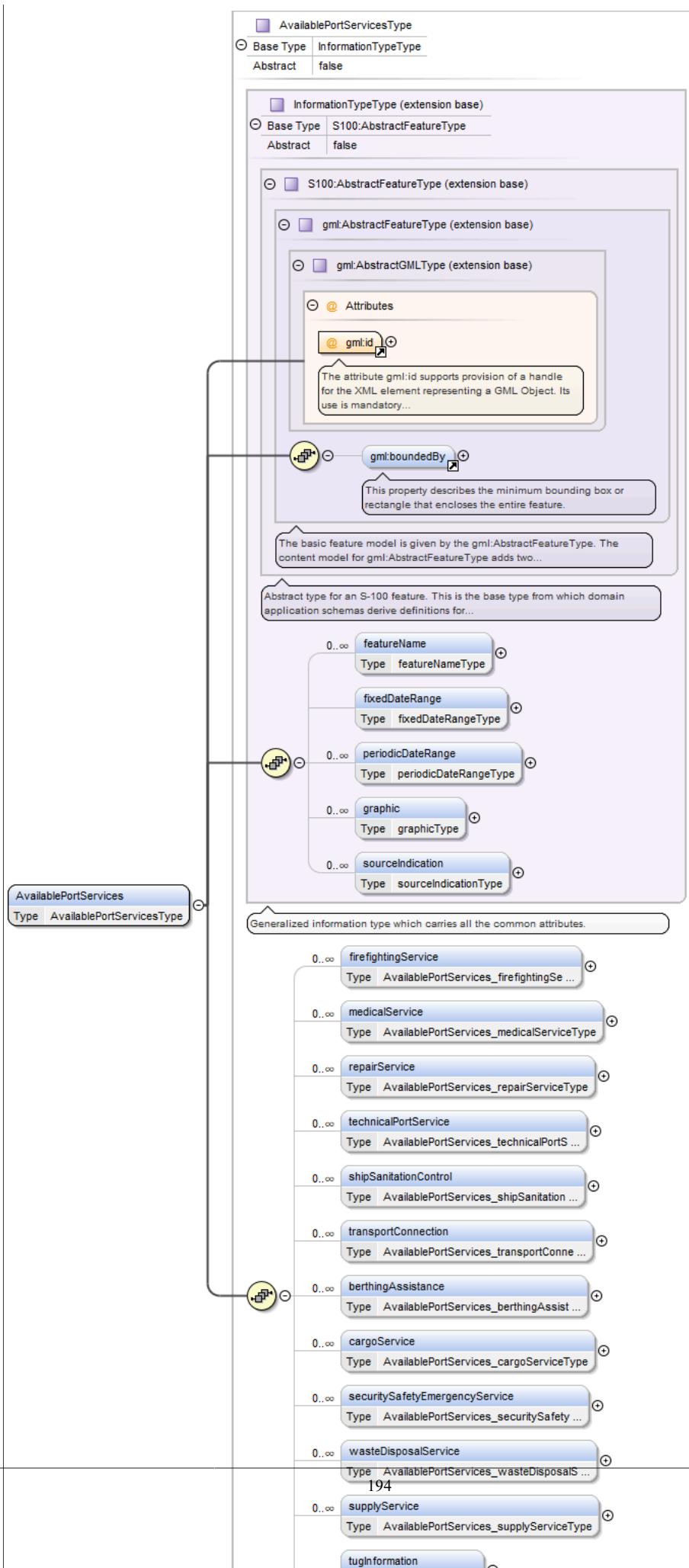
Type	AuthorityType
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Type hierarchy	<ul style="list-style-type: none"> • <code>gml:AbstractGMLType</code> • <code>gml:AbstractFeatureType</code> • <code>AbstractFeatureType</code> • <code>InformationTypeType</code> • <code>AuthorityType</code> 			
Properties	content: complex			
Used by	Element Group MemberObjects			
Model	<code>gml:boundedBy{0,1}</code> , <code>featureName*</code> , <code>fixedDateRange{0,1}</code> , <code>periodicDateRange*</code> , <code>graphic*</code> , <code>sourceIndication*</code> , <code>categoryOfAuthority</code> , <code>textContent{0,1}</code> , <code>theContactDetails*</code> , <code>organisationRelatedRxN*</code> , <code>theServiceHours*</code>			
Attributes	QName <code>gml:id</code>	Type ID	Use required	
	<p>The attribute <code>gml:id</code> supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>			

Element AvailablePortServices

Namespace	http://www.ihc.int/S131/2.0
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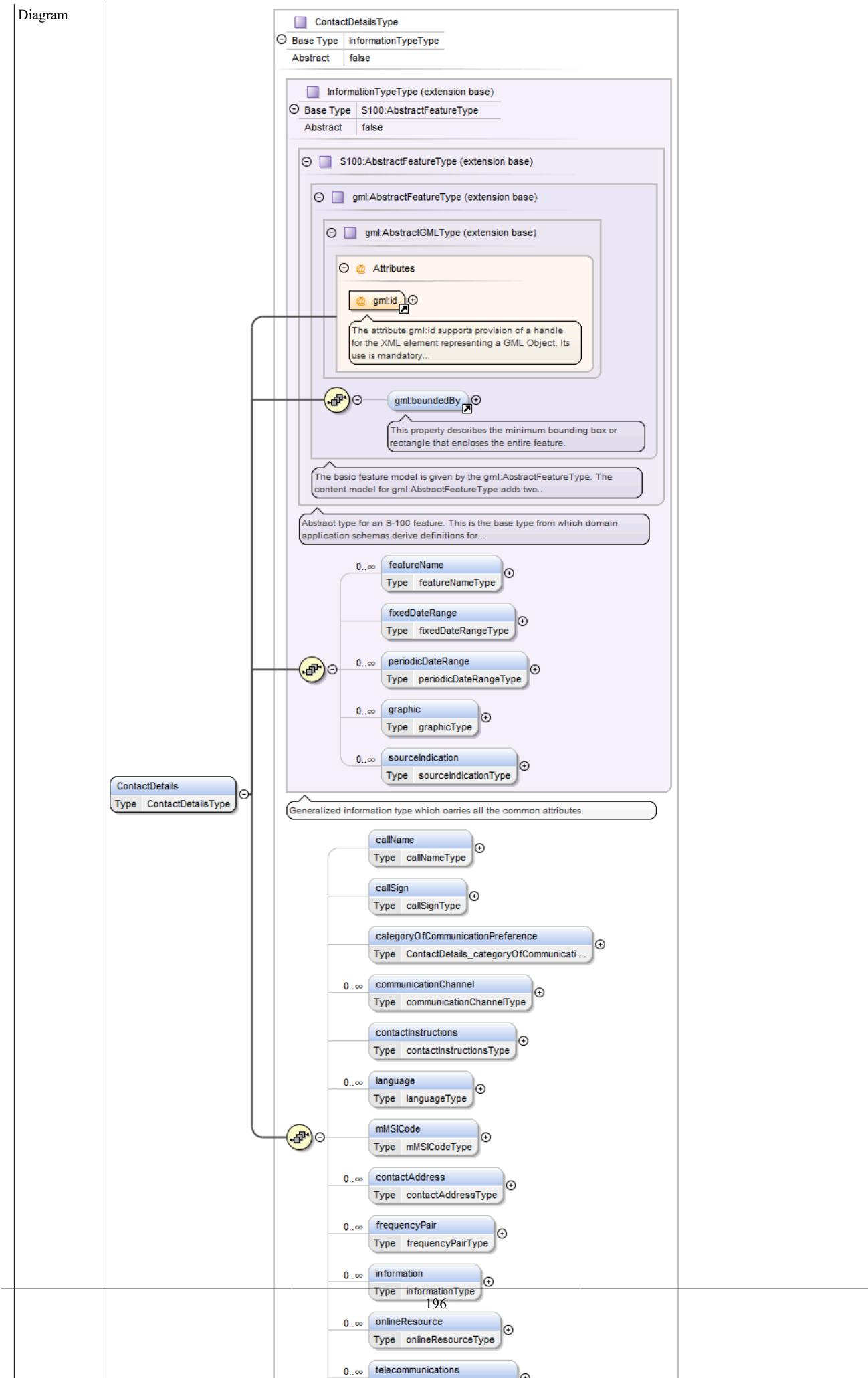
Diagram



Type	AvailablePortServicesType										
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType <ul style="list-style-type: none"> • AbstractFeatureType • InformationTypeType • AvailablePortServicesType 										
Properties	content: complex										
Used by	Element Group MemberObjects										
Model	gml:boundedBy{0,1} , featureName* , fixedDateRange{0,1} , periodicDateRange* , graphic* , sourceIndication* , firefightingService* , medicalService* , repairService* , technicalPortService* , shipSanitationControl* , transportConnection* , berthingAssistance* , cargoService* , securitySafetyEmergencyService* , wasteDisposalService* , supplyService* , tugInformation{0,1} , textContent*										
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> </tbody> </table>	QName	Type	Use		gml:id	ID	required		<p>The attribute <code>gml:id</code> supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>	
QName	Type	Use									
gml:id	ID	required									

Element ContactDetails

Namespace	http://www.ihc.int/S131/2.0
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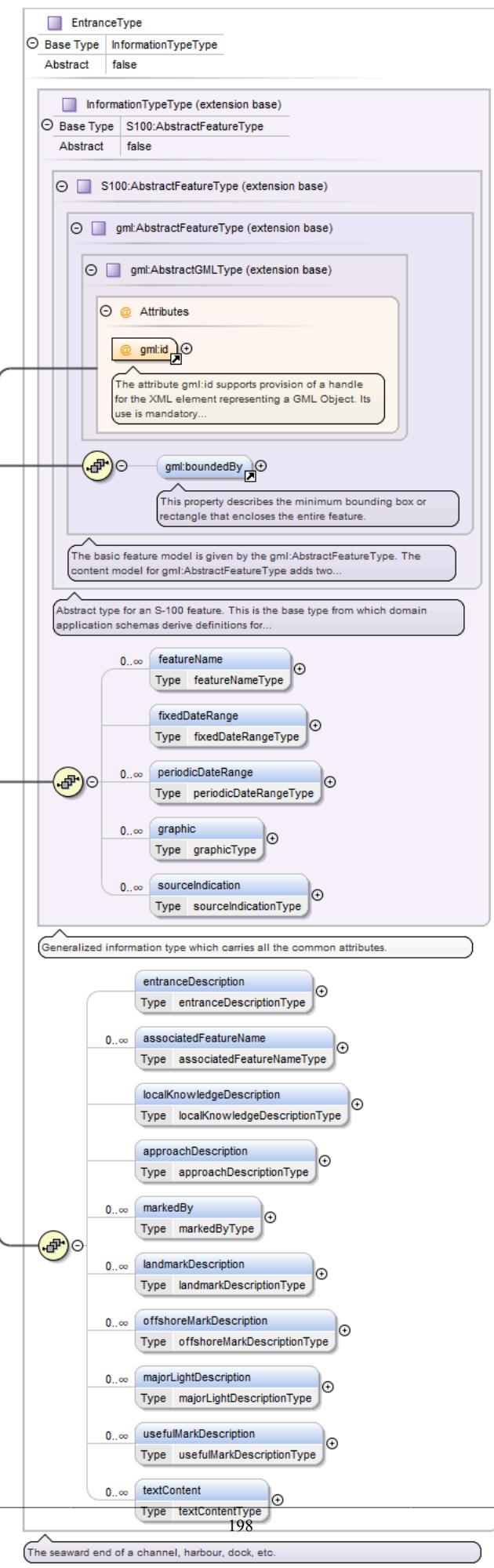


Type	ContactDetailsType										
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType <ul style="list-style-type: none"> • AbstractFeatureType <ul style="list-style-type: none"> • InformationTypeType • ContactDetailsType 										
Properties	content: complex										
Used by	Element Group MemberObjects										
Model	gml:boundedBy{0,1} , featureName* , fixedDateRange{0,1} , periodicDateRange* , graphic* , sourceIndication* , callName{0,1} , callSign{0,1} , categoryOfCommunicationPreference{0,1} , communicationChannel* , contactInstructions{0,1} , language* , mMSICode{0,1} , contactAddress* , frequencyPair* , information* , onlineResource* , telecommunications* , theAuthority*										
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> </tbody> </table>	QName	Type	Use		gml:id	ID	required		<p>The attribute <code>gml:id</code> supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>	
QName	Type	Use									
gml:id	ID	required									

Element Entrance

Namespace	http://www.ihc.int/S131/2.0
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Diagram

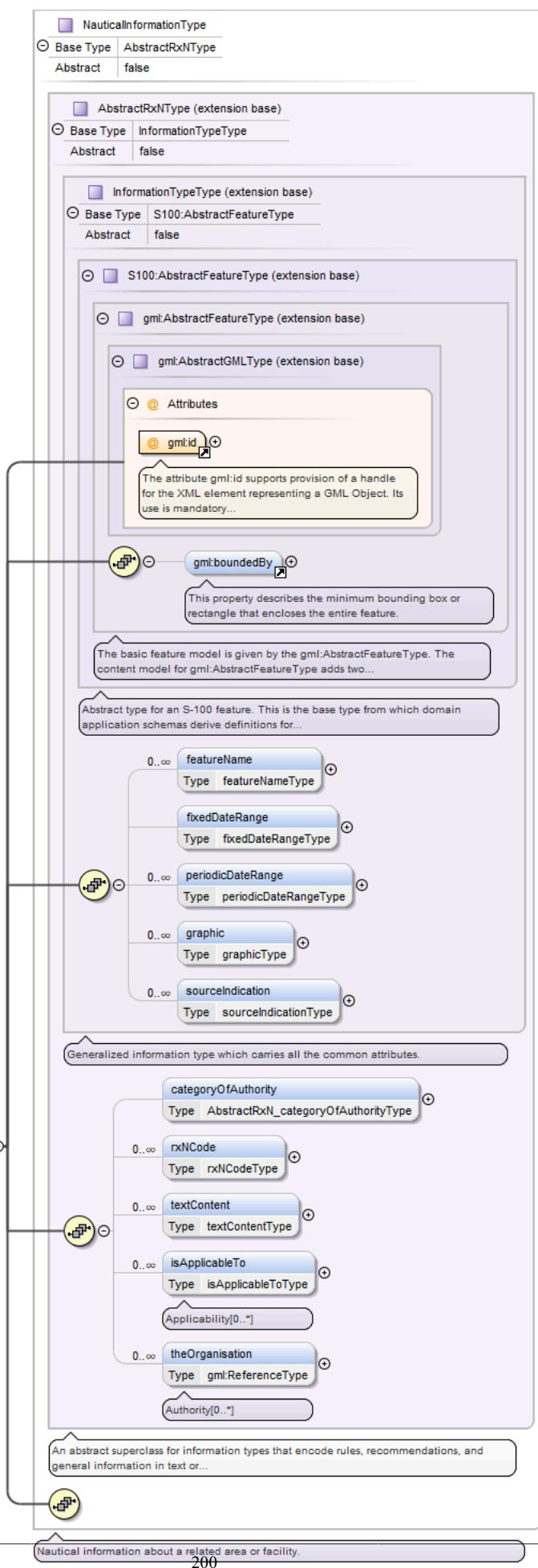


Type	EntranceType		
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType • AbstractFeatureType • InformationTypeType • EntranceType 		
Properties	content: complex		
Used by	Element Group MemberObjects		
Model	gml:boundedBy{0,1} , featureName* , fixedDateRange{0,1} , periodicDateRange* , graphic* , sourceIndication* , entranceDescription{0,1} , associatedFeatureName* , localKnowledgeDescription{0,1} , approachDescription{0,1} , markedBy* , landmarkDescription* , offshoreMarkDescription* , majorLightDescription* , usefulMarkDescription* , textContent*		
Attributes	QName	Type	Use
		ID	required
	<p>The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>		

Element NauticalInformation

Namespace	http://www.ihodata.org/S131/2.0
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Diagram

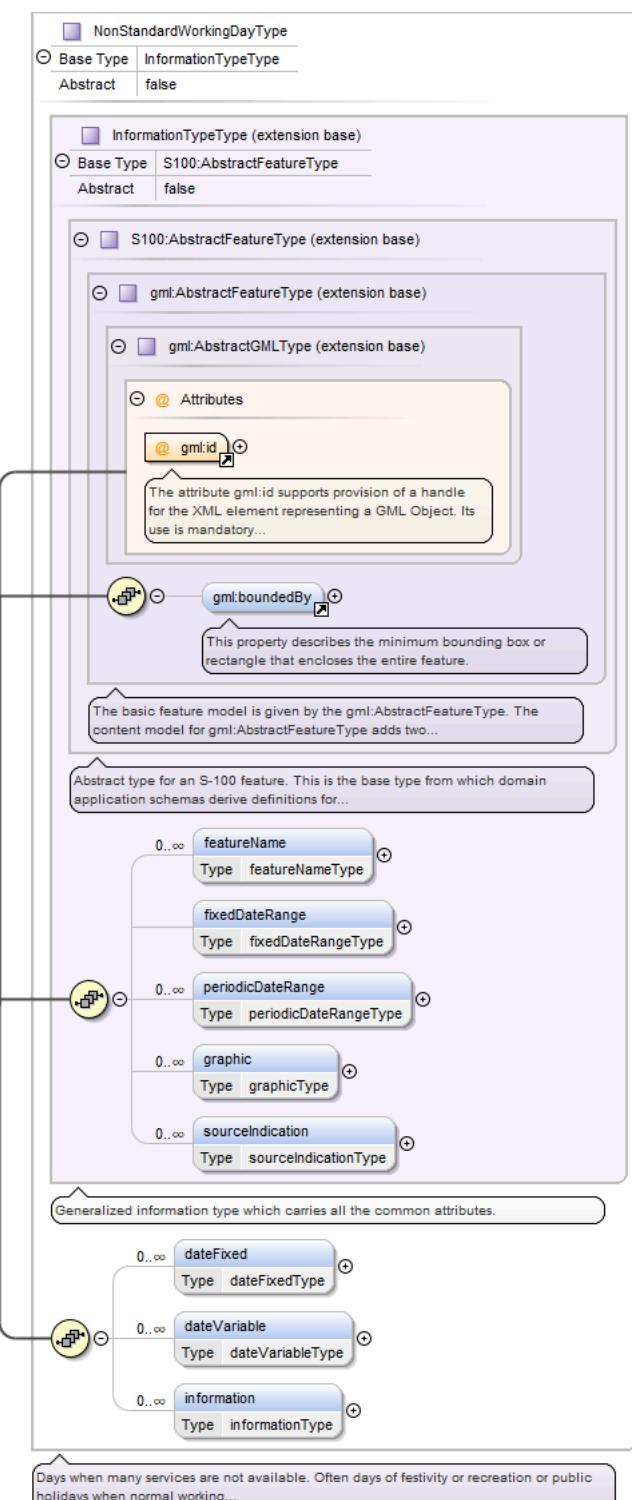


Type	NauticalInformationType										
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType <ul style="list-style-type: none"> • AbstractFeatureType • InformationTypeType • AbstractRxNType • NauticalInformationType 										
Properties	content: complex										
Used by	Element Group MemberObjects										
Model	gml:boundedBy{0,1} , featureName* , fixedDateRange{0,1} , periodicDateRange* , graphic* , sourceIndication* , categoryOfAuthority{0,1} , rxNCode* , textContent* , isApplicableTo* , theOrganisation*										
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> </tbody> </table> <p>The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>			QName	Type	Use		gml:id	ID	required	
QName	Type	Use									
gml:id	ID	required									

Element NonStandardWorkingDay

Namespace	http://www.ihc.int/S131/2.0
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Diagram



Type	NonStandardWorkingDayType
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Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType • AbstractFeatureType • InformationTypeType • NonStandardWorkingDayType
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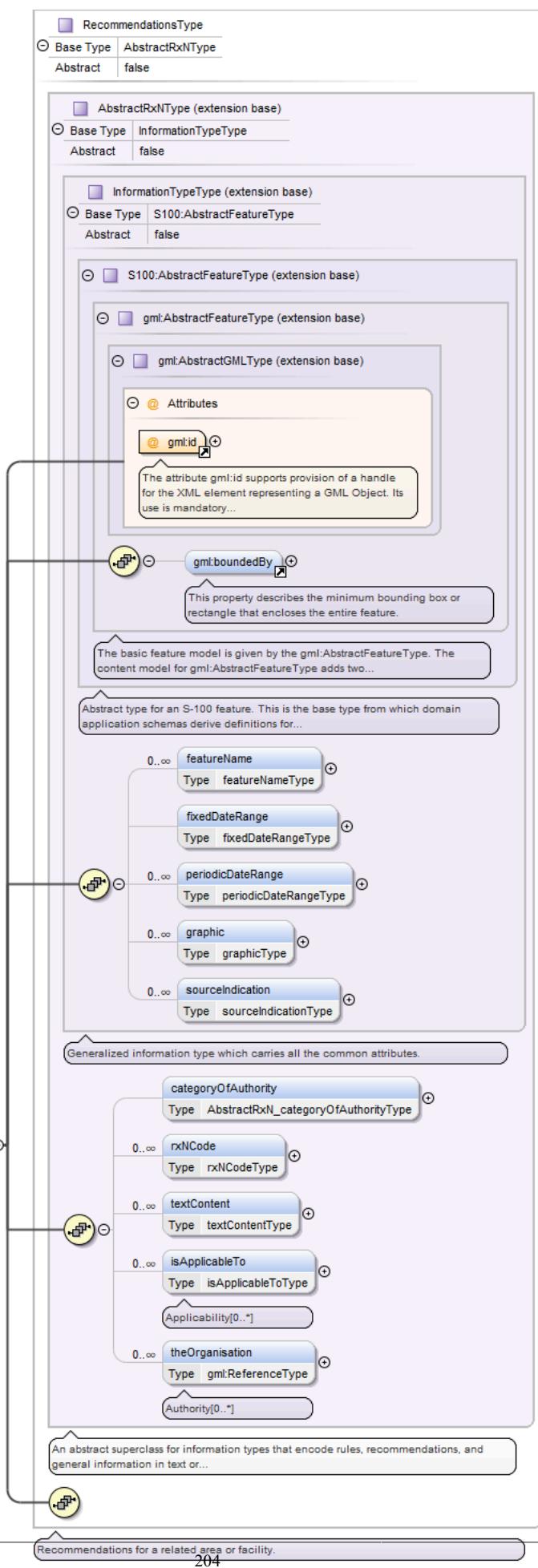
Properties	content: complex
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Used by	Element Group MemberObjects		
Model	gml:boundedBy{0,1} , featureName* , fixedDateRange{0,1} , periodicDateRange* , graphic* , sourceIndication* , dateFixed* , dateVariable* , information*		
Attributes	QName gml:id	Type ID	Use required
		The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.	

Element Recommendations

Namespace	http://www.ihc.int/S131/2.0
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Diagram

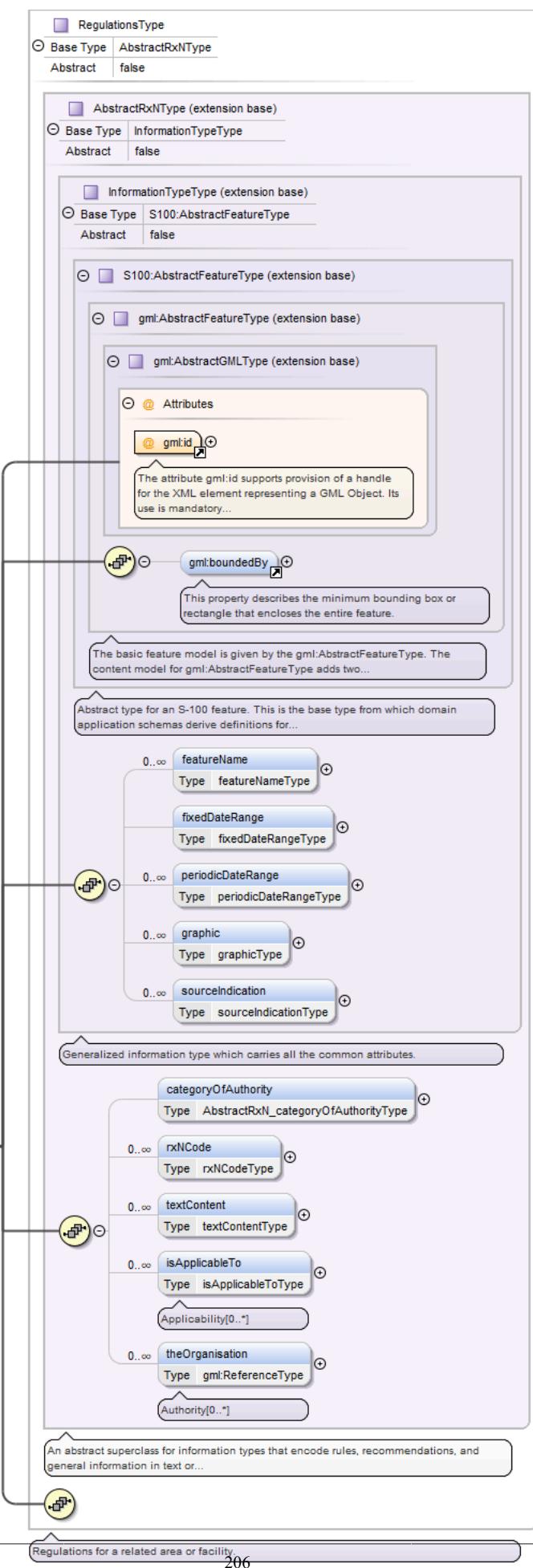


Type	RecommendationsType														
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType <ul style="list-style-type: none"> • AbstractFeatureType <ul style="list-style-type: none"> • InformationTypeType • AbstractRxNType • RecommendationsType 														
Properties	content: complex														
Used by	Element Group MemberObjects														
Model	gml:boundedBy{0,1} , featureName* , fixedDateRange{0,1} , periodicDateRange* , graphic* , sourceIndication* , categoryOfAuthority{0,1} , rxNCode* , textContent* , isApplicableTo* , theOrganisation*														
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> <tr> <td></td> <td colspan="3"> The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs. </td> </tr> </tbody> </table>			QName	Type	Use		gml:id	ID	required			The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.		
QName	Type	Use													
gml:id	ID	required													
	The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.														

Element Regulations

Namespace	http://www.ihc.int/S131/2.0
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Diagram

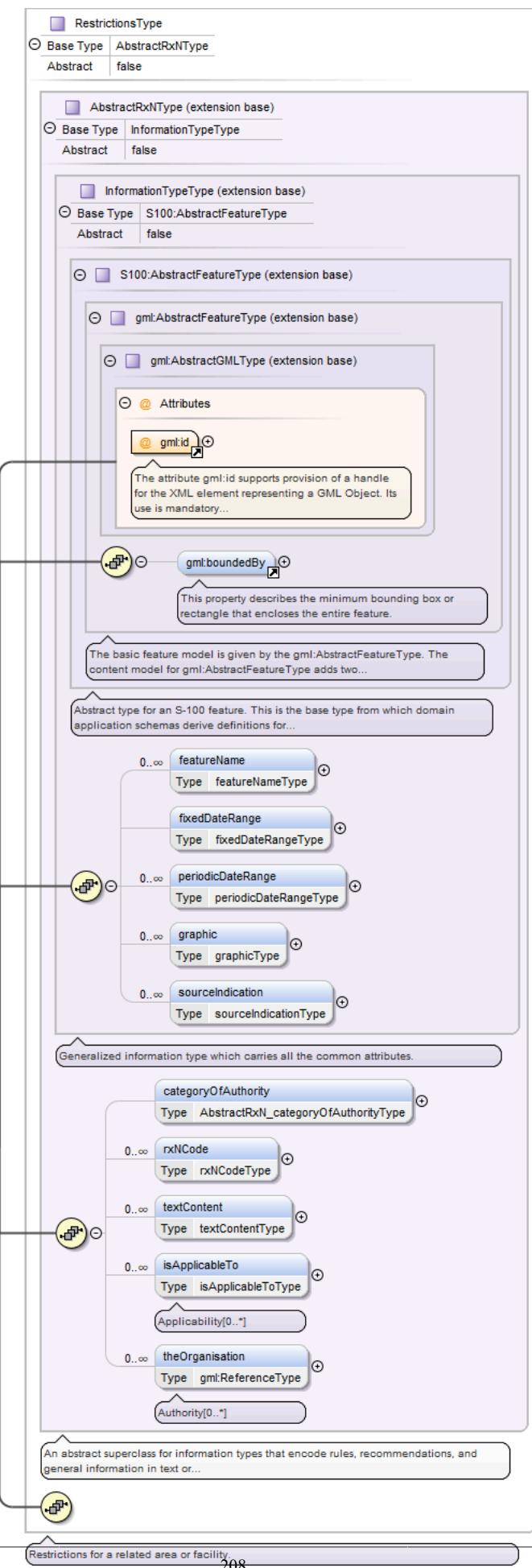


Type	RegulationsType														
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType <ul style="list-style-type: none"> • AbstractFeatureType <ul style="list-style-type: none"> • InformationTypeType • AbstractRxNType • RegulationsType 														
Properties	content: complex														
Used by	Element Group MemberObjects														
Model	gml:boundedBy{0,1} , featureName* , fixedDateRange{0,1} , periodicDateRange* , graphic* , sourceIndication* , categoryOfAuthority{0,1} , rxNCode* , textContent* , isApplicableTo* , theOrganisation*														
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> <tr> <td></td> <td colspan="3"> The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs. </td> </tr> </tbody> </table>			QName	Type	Use		gml:id	ID	required			The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.		
QName	Type	Use													
gml:id	ID	required													
	The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.														

Element Restrictions

Namespace	http://www.ihc.int/S131/2.0
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Diagram

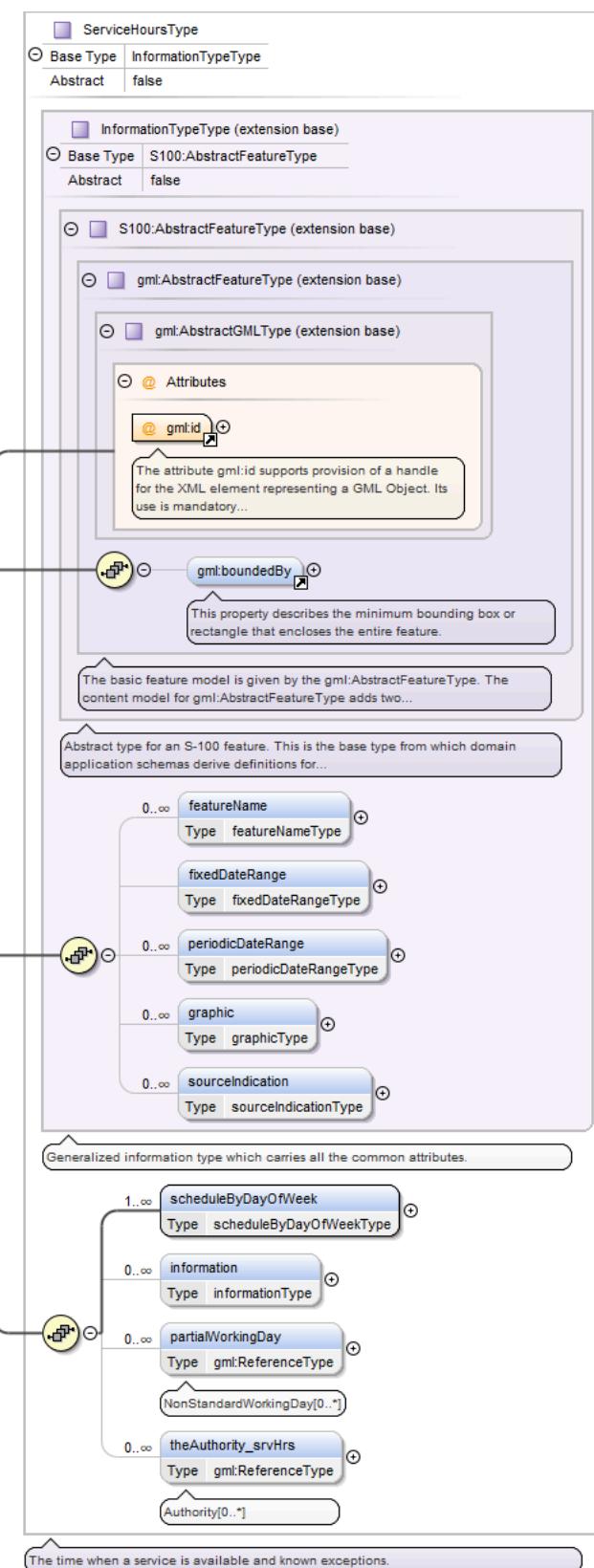


Type	RestrictionsType														
Type hierarchy	<ul style="list-style-type: none"> • <code>gml:AbstractGMLType</code> • <code>gml:AbstractFeatureType</code> • <code>AbstractFeatureType</code> • <code>InformationTypeType</code> • <code>AbstractRxNType</code> • <code>RestrictionsType</code> 														
Properties	content: complex														
Used by	Element Group MemberObjects														
Model	<code>gml:boundedBy{0,1}</code> , <code>featureName*</code> , <code>fixedDateRange{0,1}</code> , <code>periodicDateRange*</code> , <code>graphic*</code> , <code>sourceIndication*</code> , <code>categoryOfAuthority{0,1}</code> , <code>rxNCode*</code> , <code>textContent*</code> , <code>isApplicableTo*</code> , <code>theOrganisation*</code>														
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td><code>gml:id</code></td> <td>ID</td> <td>required</td> <td></td> </tr> <tr> <td></td> <td colspan="3"> <p>The attribute <code>gml:id</code> supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p> </td></tr> </tbody> </table>			QName	Type	Use		<code>gml:id</code>	ID	required			<p>The attribute <code>gml:id</code> supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>		
QName	Type	Use													
<code>gml:id</code>	ID	required													
	<p>The attribute <code>gml:id</code> supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>														

Element ServiceHours

Namespace	http://www.ihc.int/S131/2.0
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Diagram



Type	ServiceHoursType
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType • AbstractFeatureType

	<ul style="list-style-type: none"> • InformationTypeType • ServiceHoursType 						
Properties	content: complex						
Used by	Element Group MemberObjects						
Model	gml:boundedBy{0,1} , featureName* , fixedDateRange{0,1} , periodicDateRange* , graphic* , sourceIndication* , scheduleByDayOfWeek+ , information* , partialWorkingDay* , theAuthority_srvHrs*						
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> </tr> </tbody> </table> <p>The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>	QName	Type	Use	gml:id	ID	required
QName	Type	Use					
gml:id	ID	required					

Element SpatialQuality

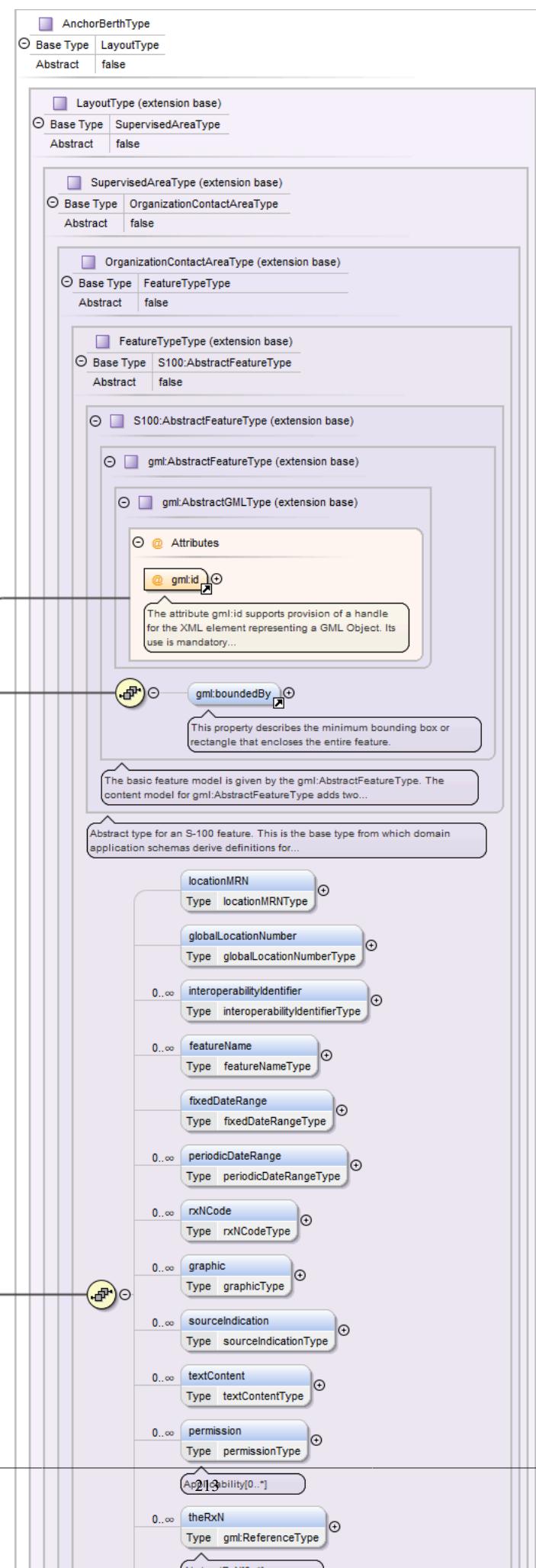
Namespace	http://www.ihc.int/S131/2.0
Diagram	<p>SpatialQualityType</p> <p>Base Type: S100:AbstractFeatureType</p> <p>Abstract: false</p> <p>S100:AbstractFeatureType (extension base)</p> <p>gml:AbstractFeatureType (extension base)</p> <p>gml:AbstractGMLType (extension base)</p> <p>Attributes</p> <p>gml:id</p> <p>The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p> <p>gml:boundedBy</p> <p>This property describes the minimum bounding box or rectangle that encloses the entire feature.</p> <p>The basic feature model is given by the gml:AbstractFeatureType. The content model for gml:AbstractFeatureType adds two...</p> <p>Abstract type for an S-100 feature. This is the base type from which domain application schemas derive definitions for...</p> <p>qualityOfHorizontalMeasurement</p> <p>spatialAccuracy</p> <p>The indication of the quality of the locational information for features in a dataset.</p>
Type	SpatialQualityType
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType • AbstractFeatureType • SpatialQualityType
Properties	content: complex
Used by	Element Group MemberObjects
Model	gml:boundedBy{0,1} , qualityOfHorizontalMeasurement{0,1} , spatialAccuracy*

Attributes	QName	Type	Use
	gml:id	ID	required
	The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.		

Element AnchorBerth

Namespace	http://www.ihc.int/S131/2.0
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Diagram

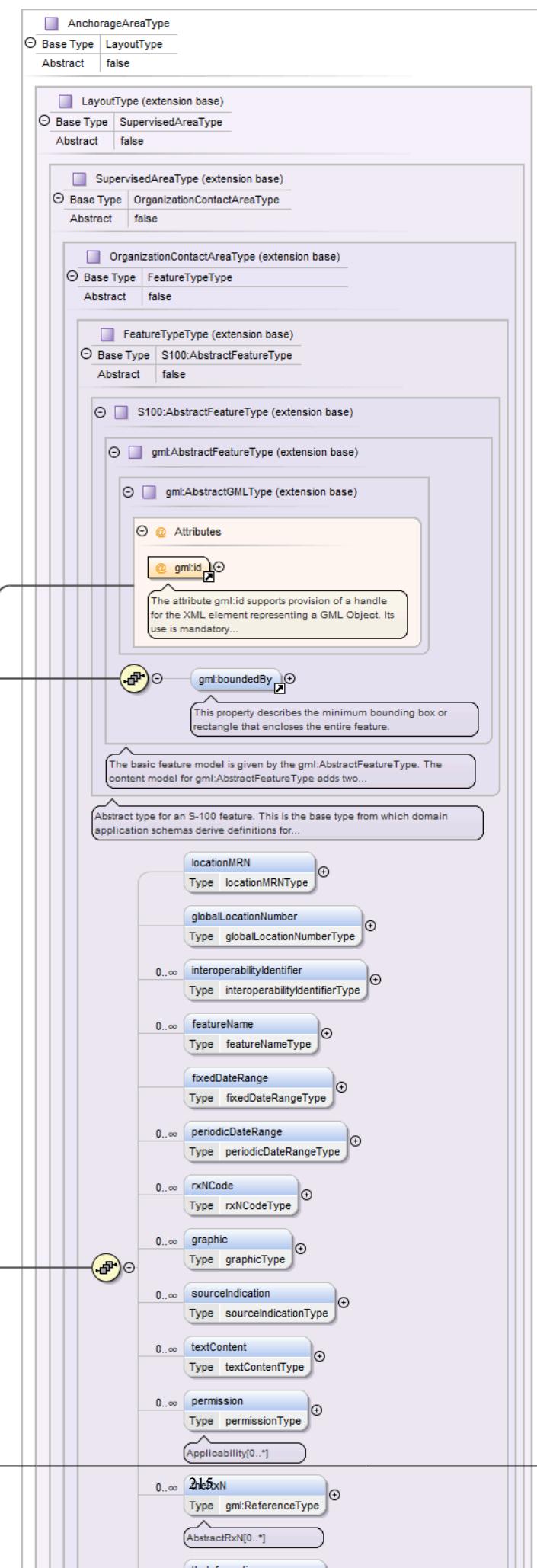


Type	AnchorBerthType										
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType <ul style="list-style-type: none"> • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType • LayoutType • AnchorBerthType 										
Properties	content: complex										
Used by	Element Group MemberObjects										
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDateRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1} , categoryOfAnchorage* , categoryOfCargo* , radius{0,1} , serviceDescriptionReference{0,1} , facilityOperatingHours{0,1} , auxiliaryFacility* , geometry+										
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> </tbody> </table>	QName	Type	Use		gml:id	ID	required		<p>The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>	
QName	Type	Use									
gml:id	ID	required									

Element AnchorageArea

Namespace	http://www.ihc.int/S131/2.0
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Diagram

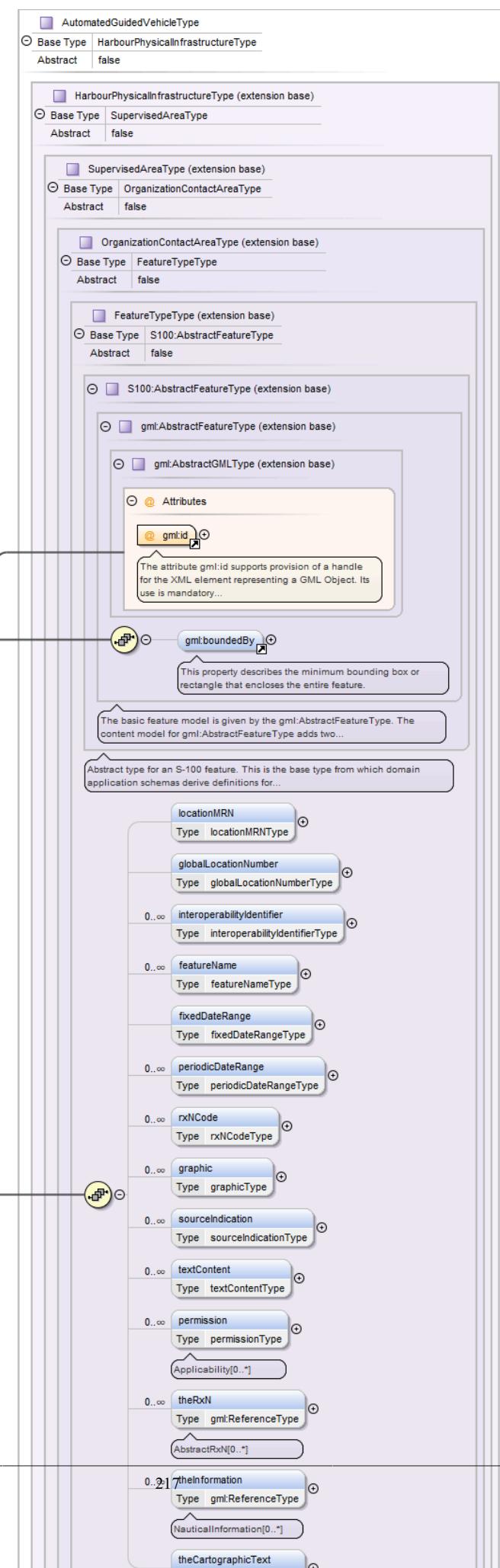


Type	AnchorageAreaType														
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType <ul style="list-style-type: none"> • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType • LayoutType • AnchorageAreaType 														
Properties	content: complex														
Used by	Element Group MemberObjects														
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDataRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1} , categoryOfAnchorage* , iSPSLevel{0,1} , categoryOfCargo* , locationByText{0,1} , depthsDescription{0,1} , markedBy{0,1} , facilityOperatingHours{0,1} , componentOf , geometry+														
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> <tr> <td></td> <td></td> <td>The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</td> <td></td> </tr> </tbody> </table>	QName	Type	Use		gml:id	ID	required				The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.			
QName	Type	Use													
gml:id	ID	required													
		The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.													

Element AutomatedGuidedVehicle

Namespace	http://www.ihc.int/S131/2.0
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Diagram

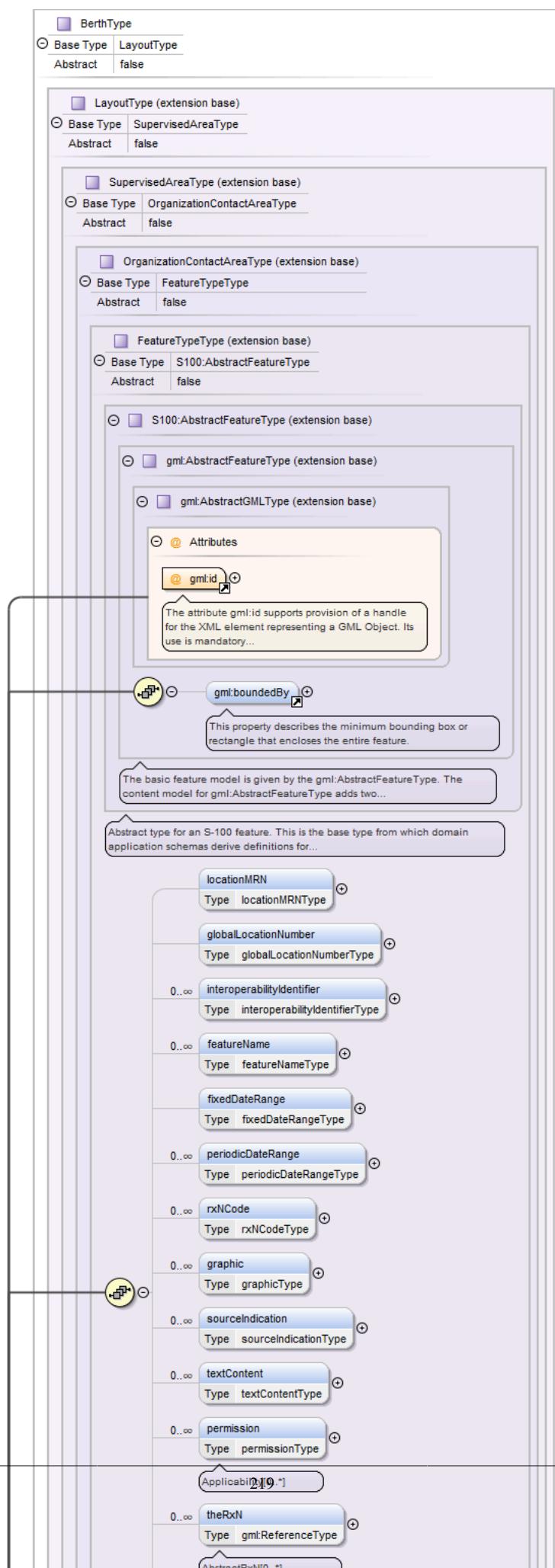


Type	AutomatedGuidedVehicleType														
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType • HarbourPhysicalInfrastructureType • AutomatedGuidedVehicleType 														
Properties	content: complex														
Used by	Element Group MemberObjects														
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDateRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1} , infrastructureLocation{0,1} , facilityOperatingHours{0,1} , geometry+														
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> <tr> <td></td> <td colspan="3"> The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs. </td></tr> </tbody> </table>	QName	Type	Use		gml:id	ID	required			The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.				
QName	Type	Use													
gml:id	ID	required													
	The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.														

Element Berth

Namespace	http://www.ihc.int/S131/2.0
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Diagram

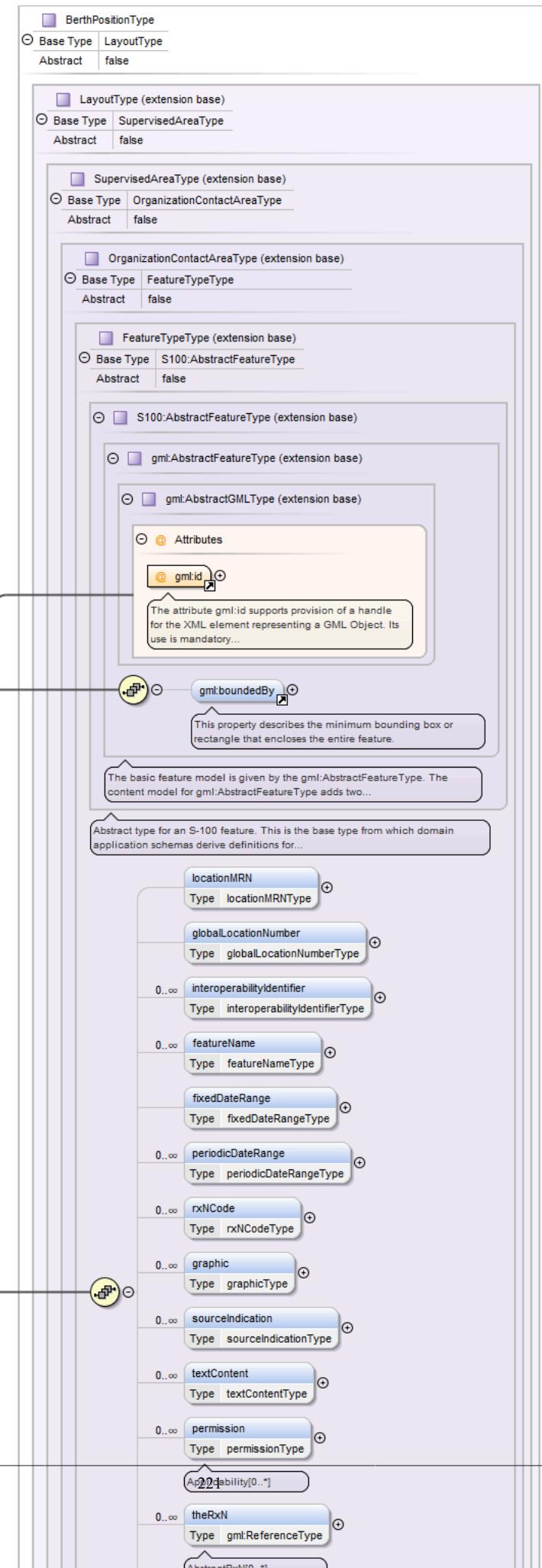


Type	BerthType								
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType <ul style="list-style-type: none"> • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType • LayoutType • BerthType 								
Properties	content: complex								
Used by	Element Group MemberObjects								
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDateRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1} , availableBerthingLength{0,1} , bollardDescription{0,1} , safeWorkingLoad{0,1} , minimumBerthDepth{0,1} , elevation{0,1} , cathodicProtectionSystem{0,1} , categoryOfBerthLocation{0,1} , portFacilityNumber{0,1} , bollardNumber{0,2} , gLNExtension{0,1} , metreMarkNumber{0,2} , manifoldNumber{0,2} , rampNumber{0,1} , locationByText{0,1} , methodOfSecuring{0,1} , uNLocationCode , terminalIdentifier{0,1} , shorePowerDescription{0,1} , categoryOfFrequency* , categoryOfVoltage* , categoryOfPlug* , categoryOfCargo* , serviceDescriptionReference{0,1} , facilityOperatingHours{0,1} , demarcationIndicator* , componentOf , geometry+								
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	gml:id	ID	required	<p>The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>	
QName	Type	Use							
gml:id	ID	required							

Element BerthPosition

Namespace	http://www.ihc.int/S131/2.0
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Diagram

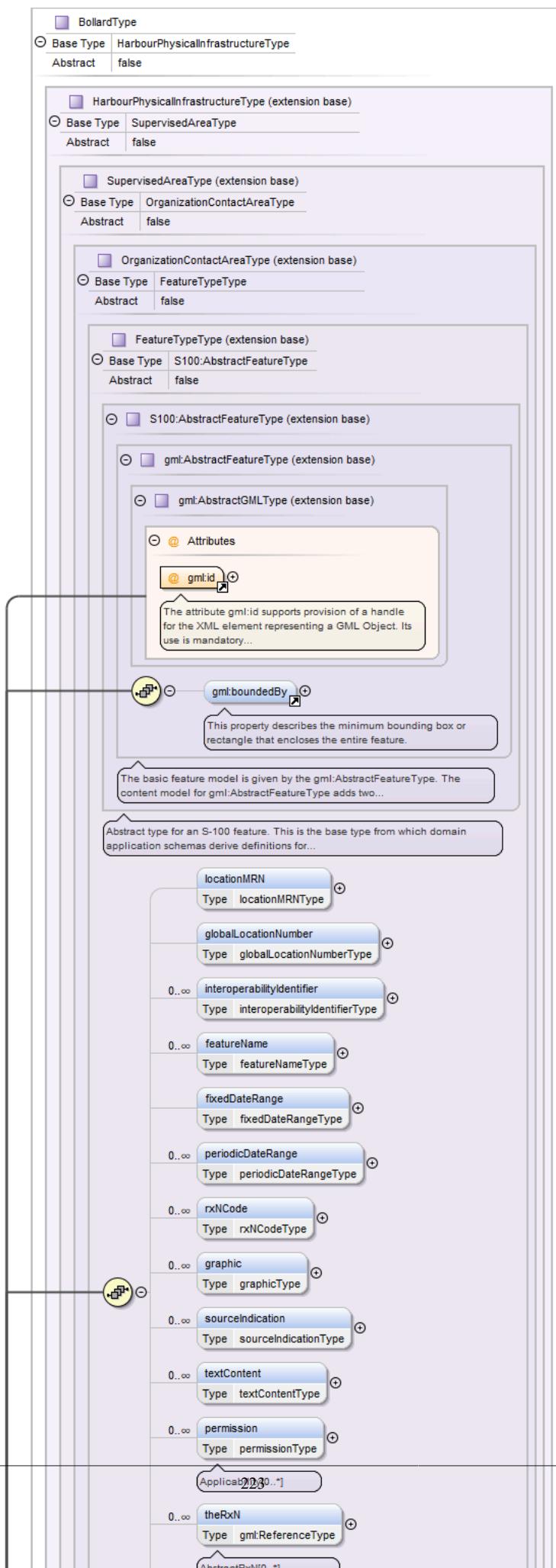


Type	BerthPositionType														
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType <ul style="list-style-type: none"> • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType • LayoutType • BerthPositionType 														
Properties	content: complex														
Used by	Element Group MemberObjects														
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDateRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1} , bollardNumber{0,1} , gLNExtension{0,1} , metreMarkNumber{0,1} , manifoldNumber{0,1} , rampNumber{0,1} , locationByText{0,1} , demarcatedFeature , auxiliaryFacility* , geometry+														
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> <tr> <td></td> <td colspan="3"> The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs. </td></tr> </tbody> </table>	QName	Type	Use		gml:id	ID	required			The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.				
QName	Type	Use													
gml:id	ID	required													
	The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.														

Element Bollard

Namespace	http://www.ihc.int/S131/2.0
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Diagram

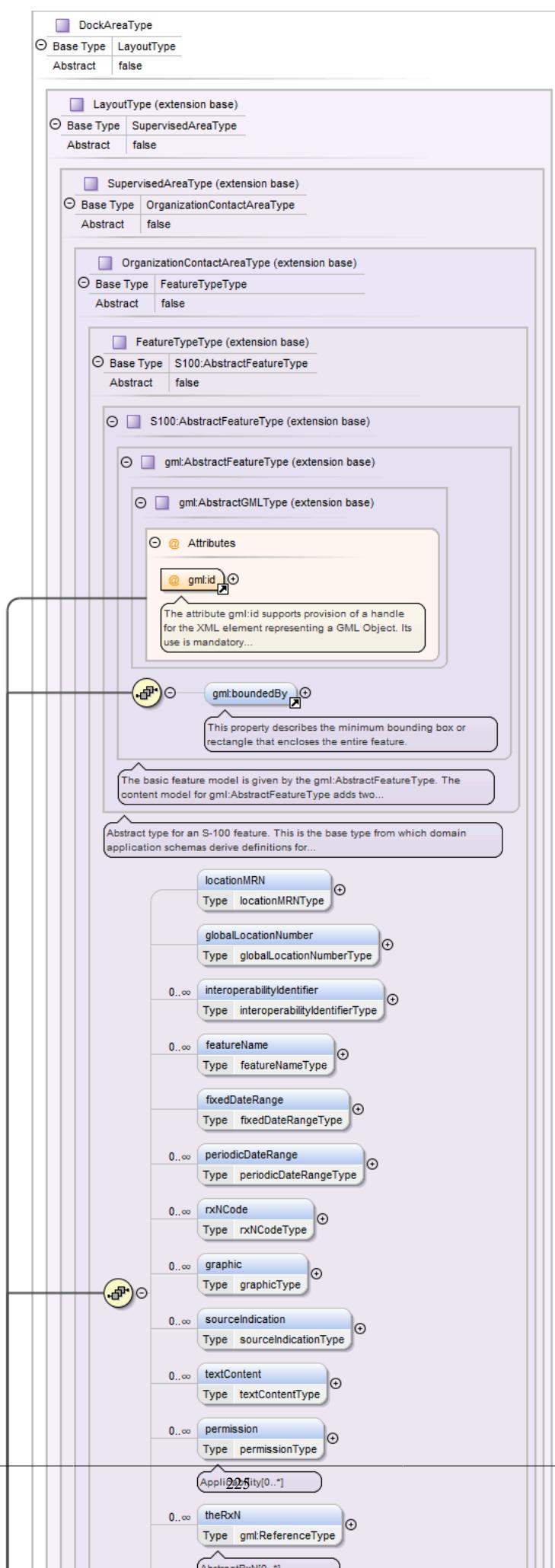


Type	BollardType														
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType <ul style="list-style-type: none"> • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType • HarbourPhysicalInfrastructureType • BollardType 														
Properties	content: complex														
Used by	Element Group MemberObjects														
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDateRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1} , infrastructureLocation{0,1} , height{0,1} , verticalLength{0,1} , safeWorkingLoad{0,1} , geometry+														
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td><td>ID</td><td>required</td><td></td></tr> <tr> <td></td><td colspan="3"> The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs. </td></tr> </tbody> </table>	QName	Type	Use		gml:id	ID	required			The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.				
QName	Type	Use													
gml:id	ID	required													
	The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.														

Element DockArea

Namespace	http://www.ihc.int/S131/2.0
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Diagram

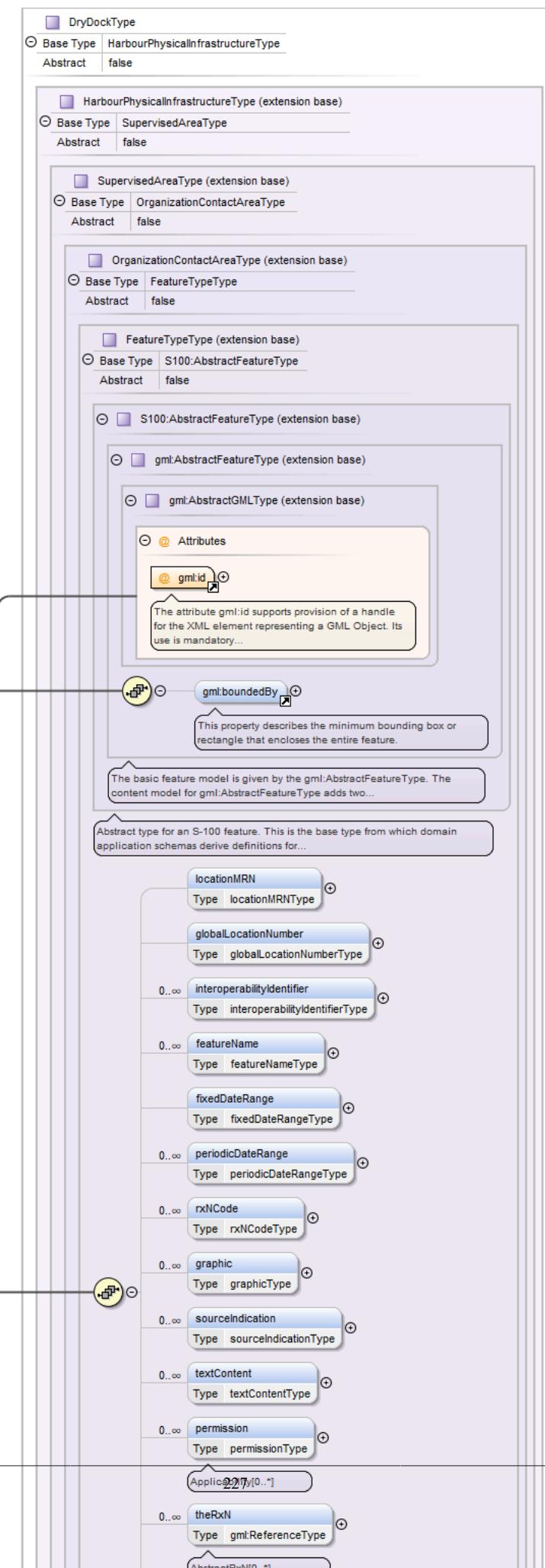


Type	DockAreaType														
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType • LayoutType • DockAreaType 														
Properties	content: complex														
Used by	Element Group MemberObjects														
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDataRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1} , depthsDescription{0,1} , locationByText{0,1} , markedBy{0,1} , iSPSLevel{0,1} , serviceDescriptionReference{0,1} , facilityOperatingHours{0,1} , componentOf , geometry+														
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> <tr> <td></td> <td colspan="3"> The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs. </td></tr> </tbody> </table>	QName	Type	Use		gml:id	ID	required			The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.				
QName	Type	Use													
gml:id	ID	required													
	The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.														

Element DryDock

Namespace	http://www.ihc.int/S131/2.0
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Diagram

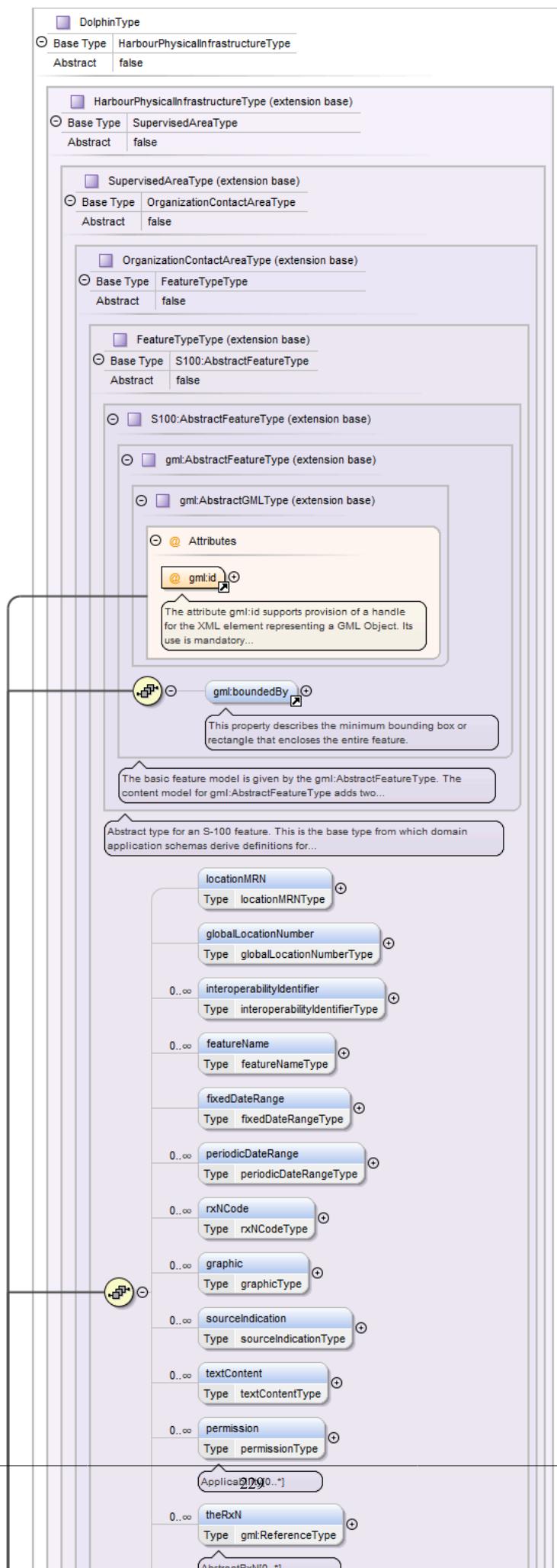


Type	DryDockType										
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType <ul style="list-style-type: none"> • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType • HarbourPhysicalInfrastructureType • DryDockType 										
Properties	content: complex										
Used by	Element Group MemberObjects										
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDateRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1} , infrastructureLocation{0,1} , sillDepth{0,1} , verticalClearanceValue{0,1} , facilityOperatingHours{0,1} , geometry+										
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> </tbody> </table>	QName	Type	Use		gml:id	ID	required		<p>The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>	
QName	Type	Use									
gml:id	ID	required									

Element Dolphin

Namespace	http://www.ihc.int/S131/2.0
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Diagram

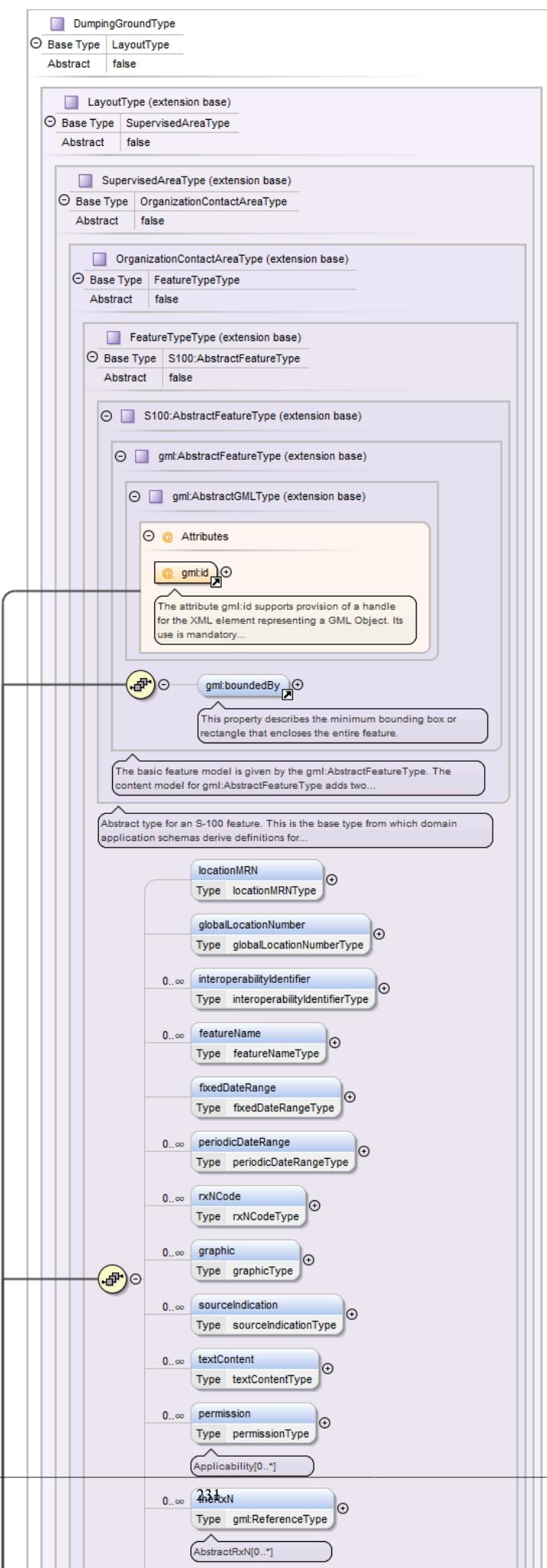


Type	DolphinType										
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType <ul style="list-style-type: none"> • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType • HarbourPhysicalInfrastructureType • DolphinType 										
Properties	content: complex										
Used by	Element Group MemberObjects										
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDateRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1} , infrastructureLocation{0,1} , categoryOfDolphin+ , geometry+										
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> </tbody> </table>	QName	Type	Use		gml:id	ID	required		<p>The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>	
QName	Type	Use									
gml:id	ID	required									

Element DumpingGround

Namespace	http://www.ihc.int/S131/2.0
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Diagram

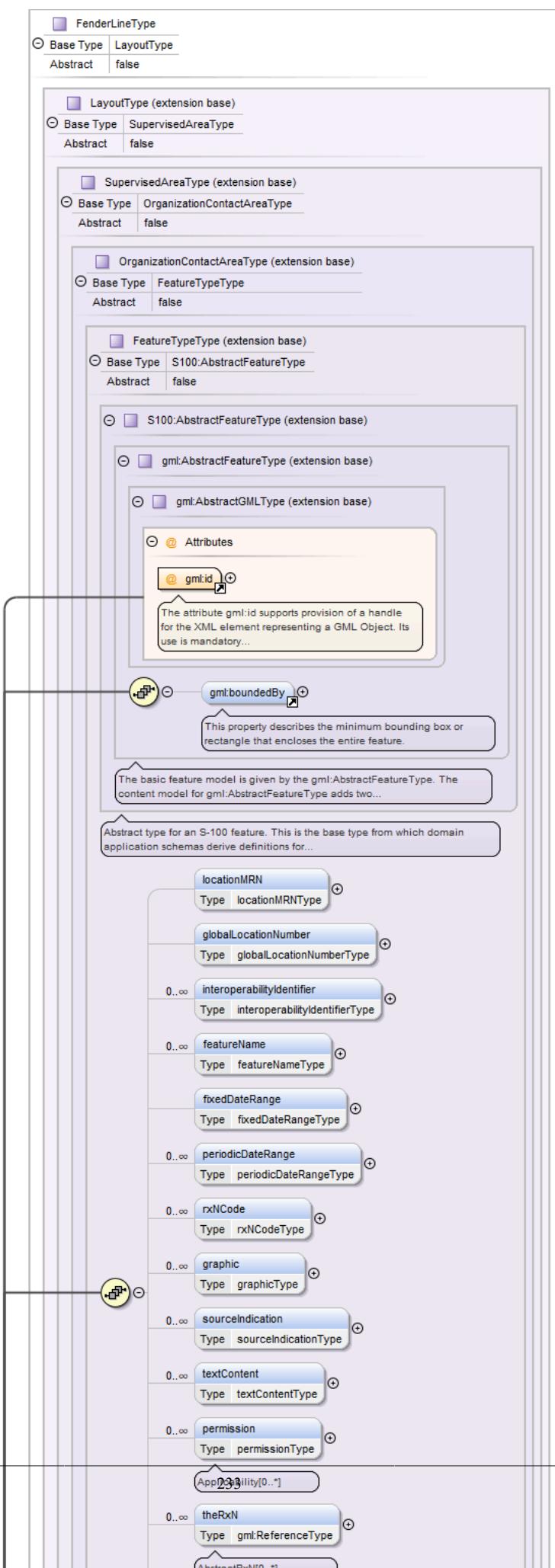


Type	DumpingGroundType										
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType • LayoutType • DumpingGroundType 										
Properties	content: complex										
Used by	Element Group MemberObjects										
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDateRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1} , depthsDescription{0,1} , locationByText{0,1} , markedBy{0,1} , iSPSLevel{0,1} , facilityOperatingHours{0,1} , componentOf , geometry+										
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> </tbody> </table>	QName	Type	Use		gml:id	ID	required		<p>The attribute <code>gml:id</code> supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>	
QName	Type	Use									
gml:id	ID	required									

Element FenderLine

Namespace	http://www.ihc.int/S131/2.0
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Diagram

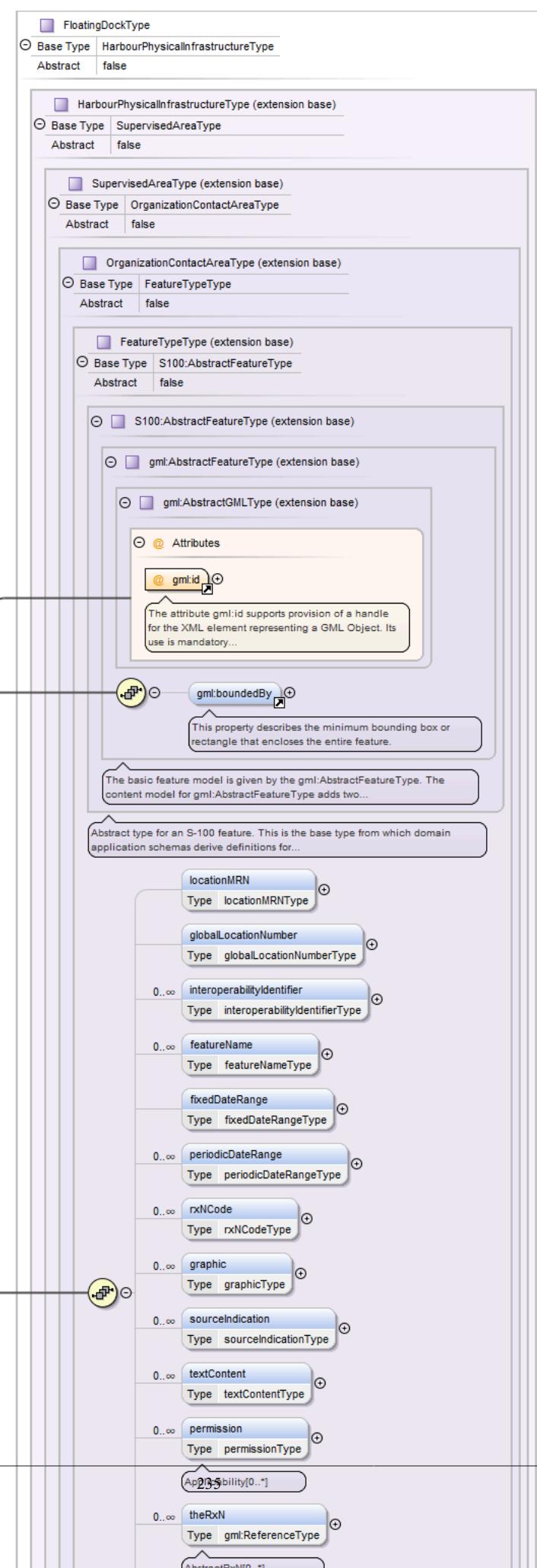


Type	FenderLineType										
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType • LayoutType • FenderLineType 										
Properties	content: complex										
Used by	Element Group MemberObjects										
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDateRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1} , orientation{0,1} , componentOf , geometry+										
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> </tbody> </table>	QName	Type	Use		gml:id	ID	required		<p>The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>	
QName	Type	Use									
gml:id	ID	required									

Element FloatingDock

Namespace	http://www.ihc.int/S131/2.0
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Diagram

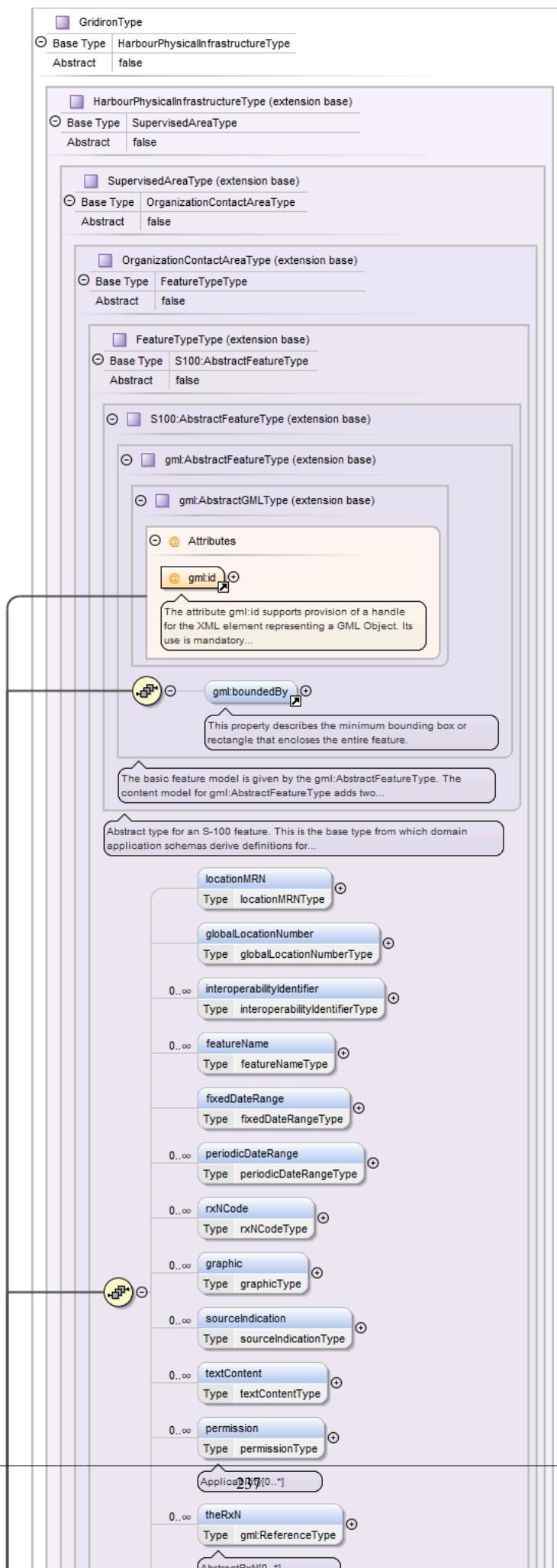


Type	FloatingDockType										
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType <ul style="list-style-type: none"> • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType • HarbourPhysicalInfrastructureType • FloatingDockType 										
Properties	content: complex										
Used by	Element Group MemberObjects										
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDateRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1} , infrastructureLocation{0,1} , sillDepth{0,1} , facilityOperatingHours{0,1} , geometry+										
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> </tbody> </table>	QName	Type	Use		gml:id	ID	required		<p>The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>	
QName	Type	Use									
gml:id	ID	required									

Element Gridiron

Namespace	http://www.ihc.int/S131/2.0
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Diagram

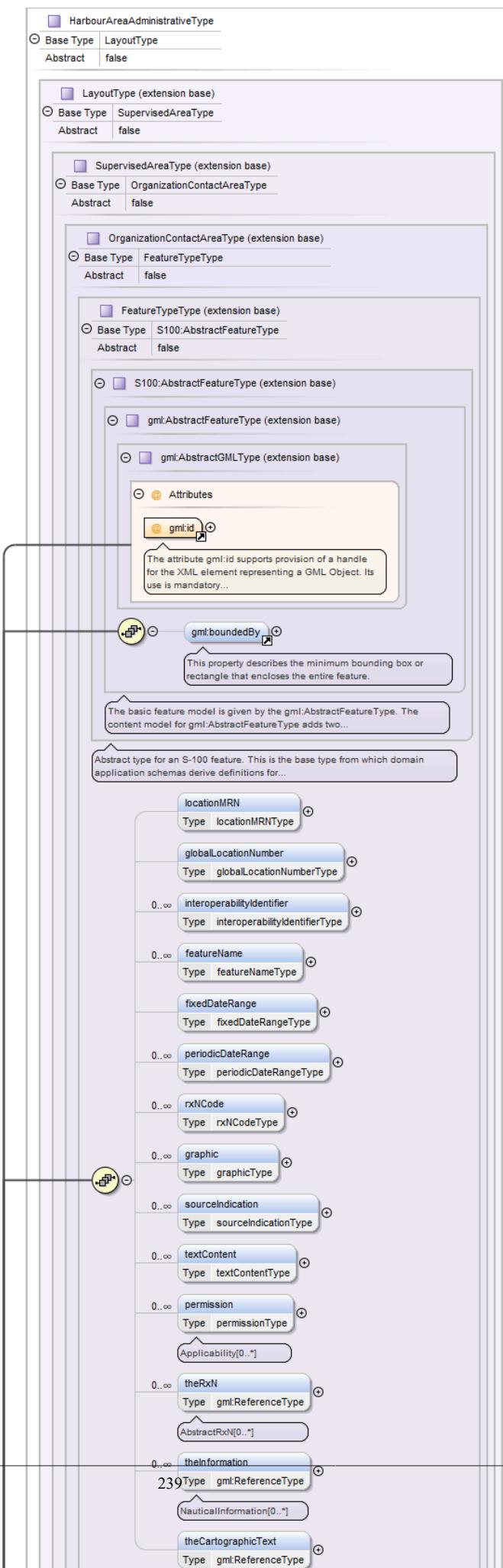


Type	GridironType														
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType <ul style="list-style-type: none"> • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType • HarbourPhysicalInfrastructureType • GridironType 														
Properties	content: complex														
Used by	Element Group MemberObjects														
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDateRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1} , infrastructureLocation{0,1} , sillDepth{0,1} , verticalClearanceValue{0,1} , facilityOperatingHours{0,1} , geometry+														
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> <tr> <td></td> <td colspan="3"> The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs. </td></tr> </tbody> </table>	QName	Type	Use		gml:id	ID	required			The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.				
QName	Type	Use													
gml:id	ID	required													
	The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.														

Element HarbourAreaAdministrative

Namespace	http://www.ihc.int/S131/2.0
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Diagram

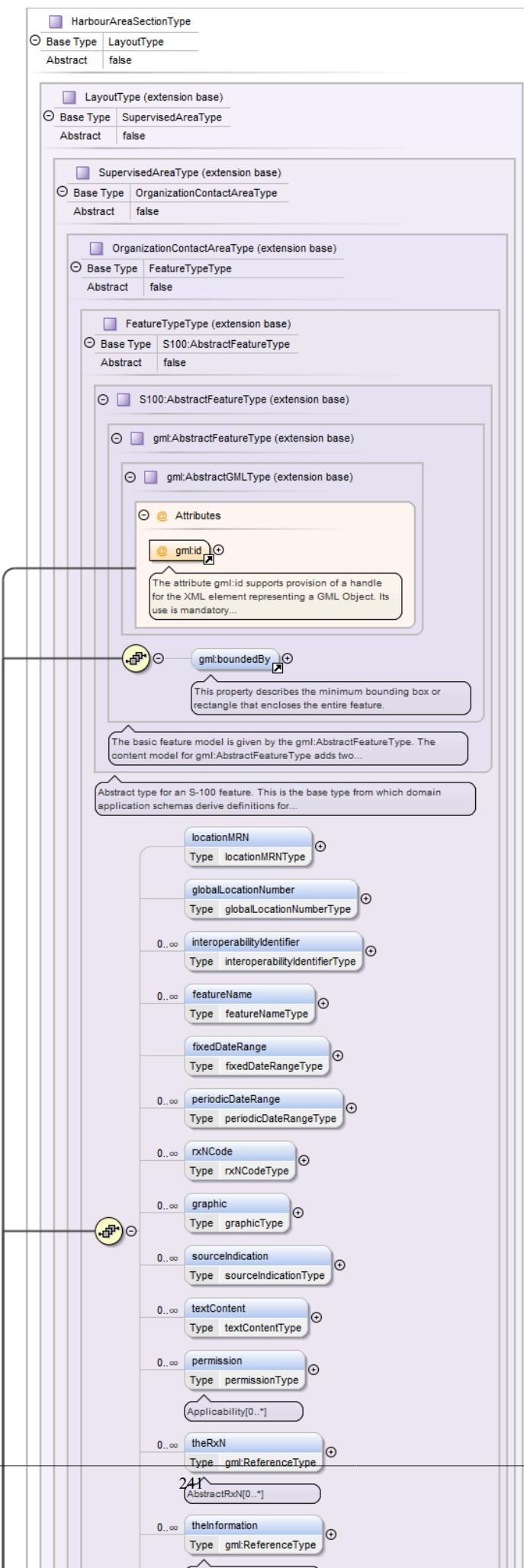


Type	HarbourAreaAdministrativeType														
Type hierarchy	<ul style="list-style-type: none"> • <code>gml:AbstractGMLType</code> • <code>gml:AbstractFeatureType</code> • <code>AbstractFeatureType</code> • <code>FeatureTypeType</code> • <code>OrganizationContactAreaType</code> • <code>SupervisedAreaType</code> • <code>LayoutType</code> • <code>HarbourAreaAdministrativeType</code> 														
Properties	content: complex														
Used by	Element Group MemberObjects														
Model	<code>gml:boundedBy{0,1}</code> , <code>locationMRN{0,1}</code> , <code>globalLocationNumber{0,1}</code> , <code>interoperabilityIdentifier*</code> , <code>featureName*</code> , <code>fixedDateRange{0,1}</code> , <code>periodicDateRange*</code> , <code>rxNCode*</code> , <code>graphic*</code> , <code>sourceIndication*</code> , <code>textContent*</code> , <code>permission*</code> , <code>theRxN*</code> , <code>theInformation*</code> , <code>theCartographicText{0,1}</code> , <code>theContactDetails*</code> , <code>controlAuthority{0,1}</code> , <code>uNLocationCode{0,1}</code> , <code>nationality{0,1}</code> , <code>applicableLoadLineZone{0,1}</code> , <code>iSPSLevel{0,1}</code> , <code>categoryOfHarbourFacility*</code> , <code>generalHarbourInformation{0,1}</code> , <code>serviceDescriptionReference{0,1}</code> , <code>facilityOperatingHours{0,1}</code> , <code>limitExtent{0,1}</code> , <code>layoutUnit*</code> , <code>geometry+</code>														
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td><code>gml:id</code></td> <td>ID</td> <td>required</td> <td></td> </tr> <tr> <td></td> <td></td> <td>The attribute <code>gml:id</code> supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</td> <td></td> </tr> </tbody> </table>	QName	Type	Use		<code>gml:id</code>	ID	required				The attribute <code>gml:id</code> supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.			
QName	Type	Use													
<code>gml:id</code>	ID	required													
		The attribute <code>gml:id</code> supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.													

Element HarbourAreaSection

Namespace	http://www.ihc.int/S131/2.0
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Diagram

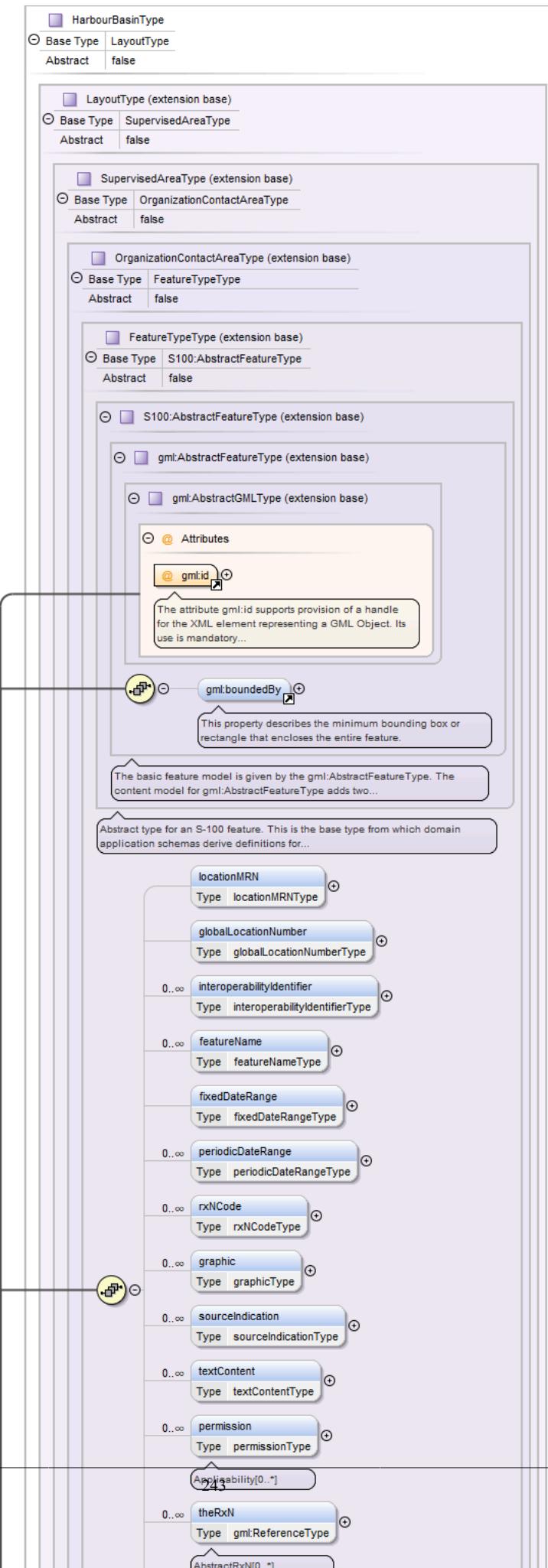


Type	HarbourAreaSectionType														
Type hierarchy	<ul style="list-style-type: none"> • <code>gml:AbstractGMLType</code> • <code>gml:AbstractFeatureType</code> • <code>AbstractFeatureType</code> • <code>FeatureTypeType</code> • <code>OrganizationContactAreaType</code> • <code>SupervisedAreaType</code> • <code>LayoutType</code> • <code>HarbourAreaSectionType</code> 														
Properties	content: complex														
Used by	Element Group MemberObjects														
Model	<code>gml:boundedBy{0,1}</code> , <code>locationMRN{0,1}</code> , <code>globalLocationNumber{0,1}</code> , <code>interoperabilityIdentifier*</code> , <code>featureName*</code> , <code>fixedDataRange{0,1}</code> , <code>periodicDateRange*</code> , <code>rxNCode*</code> , <code>graphic*</code> , <code>sourceIndication*</code> , <code>textContent*</code> , <code>permission*</code> , <code>theRxN*</code> , <code>theInformation*</code> , <code>theCartographicText{0,1}</code> , <code>theContactDetails*</code> , <code>controlAuthority{0,1}</code> , <code>categoryOfPortSection{0,1}</code> , <code>categoryOfHarbourFacility*</code> , <code>iSPSLlevel{0,1}</code> , <code>facilitiesLayoutDescription{0,1}</code> , <code>serviceDescriptionReference{0,1}</code> , <code>facilityOperatingHours{0,1}</code> , <code>componentOf{0,1}</code> , <code>constitute{0,1}</code> , <code>subUnit*</code> , <code>hasInfrastructure*</code> , <code>layoutUnit*</code> , <code>geometry+</code>														
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td><code>gml:id</code></td> <td>ID</td> <td>required</td> <td></td> </tr> <tr> <td></td> <td colspan="3"> <p>The attribute <code>gml:id</code> supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p> </td></tr> </tbody> </table>	QName	Type	Use		<code>gml:id</code>	ID	required			<p>The attribute <code>gml:id</code> supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>				
QName	Type	Use													
<code>gml:id</code>	ID	required													
	<p>The attribute <code>gml:id</code> supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>														

Element HarbourBasin

Namespace	http://www.ihc.int/S131/2.0
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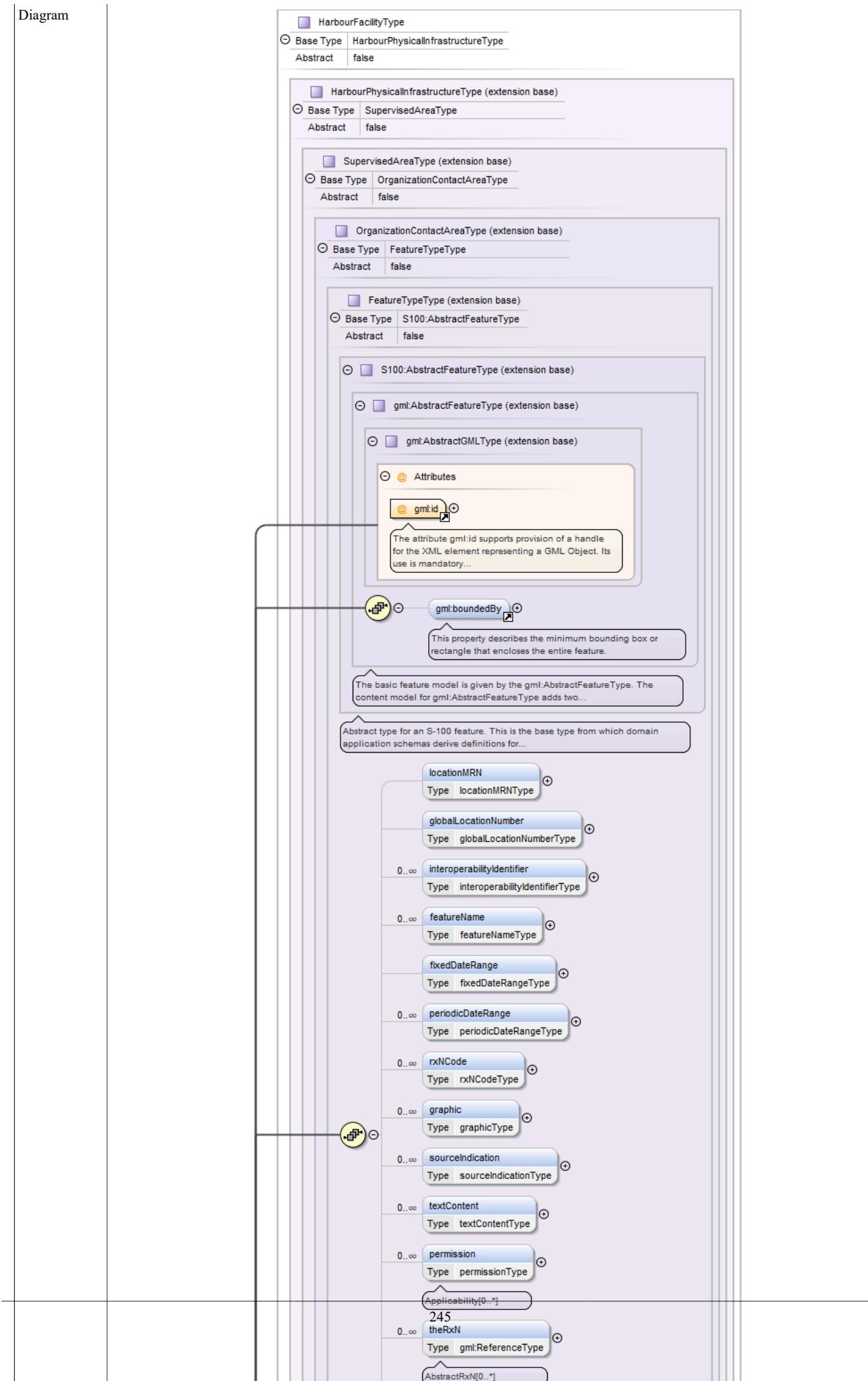
Diagram



Type	HarbourBasinType										
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType • LayoutType • HarbourBasinType 										
Properties	content: complex										
Used by	Element Group MemberObjects										
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDateRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1} , depthsDescription{0,1} , locationByText{0,1} , markedBy{0,1} , iSPSLevel{0,1} , facilityOperatingHours{0,1} , componentOf , geometry+										
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> </tbody> </table>	QName	Type	Use		gml:id	ID	required		<p>The attribute <code>gml:id</code> supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>	
QName	Type	Use									
gml:id	ID	required									

Element HarbourFacility

Namespace	http://www.ihc.int/S131/2.0
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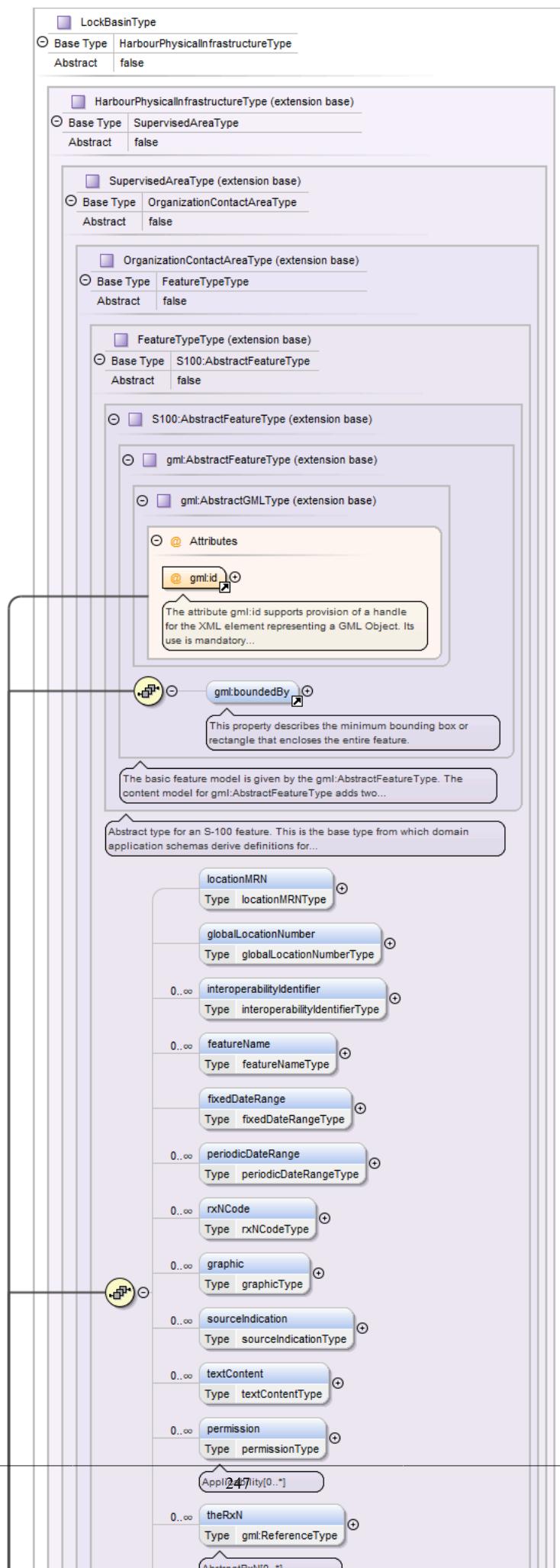


Type	HarbourFacilityType														
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType • HarbourPhysicalInfrastructureType • HarbourFacilityType 														
Properties	content: complex														
Used by	Element Group MemberObjects														
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDateRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1} , infrastructureLocation{0,1} , facilityOperatingHours{0,1} , geometry+														
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> <tr> <td></td> <td colspan="3"> The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs. </td></tr> </tbody> </table>	QName	Type	Use		gml:id	ID	required			The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.				
QName	Type	Use													
gml:id	ID	required													
	The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.														

Element LockBasin

Namespace	http://www.ihc.int/S131/2.0
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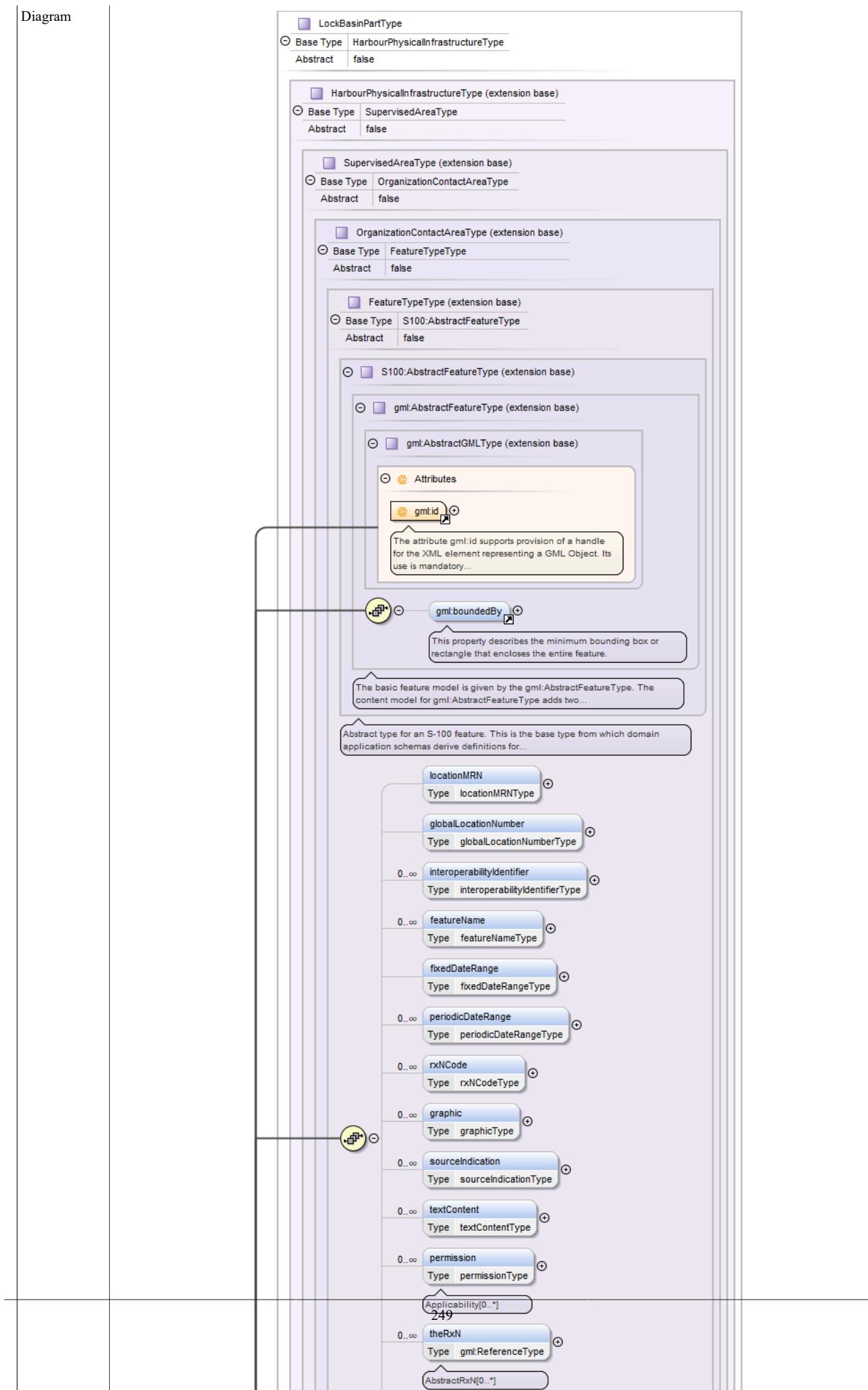
Diagram



Type	LockBasinType										
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType • HarbourPhysicalInfrastructureType • LockBasinType 										
Properties	content: complex										
Used by	Element Group MemberObjects										
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDateRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1} , infrastructureLocation{0,1} , sillDepth{0,1} , facilityOperatingHours{0,1} , geometry+										
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> </tbody> </table>	QName	Type	Use		gml:id	ID	required		<p>The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>	
QName	Type	Use									
gml:id	ID	required									

Element LockBasinPart

Namespace	http://www.ihc.int/S131/2.0
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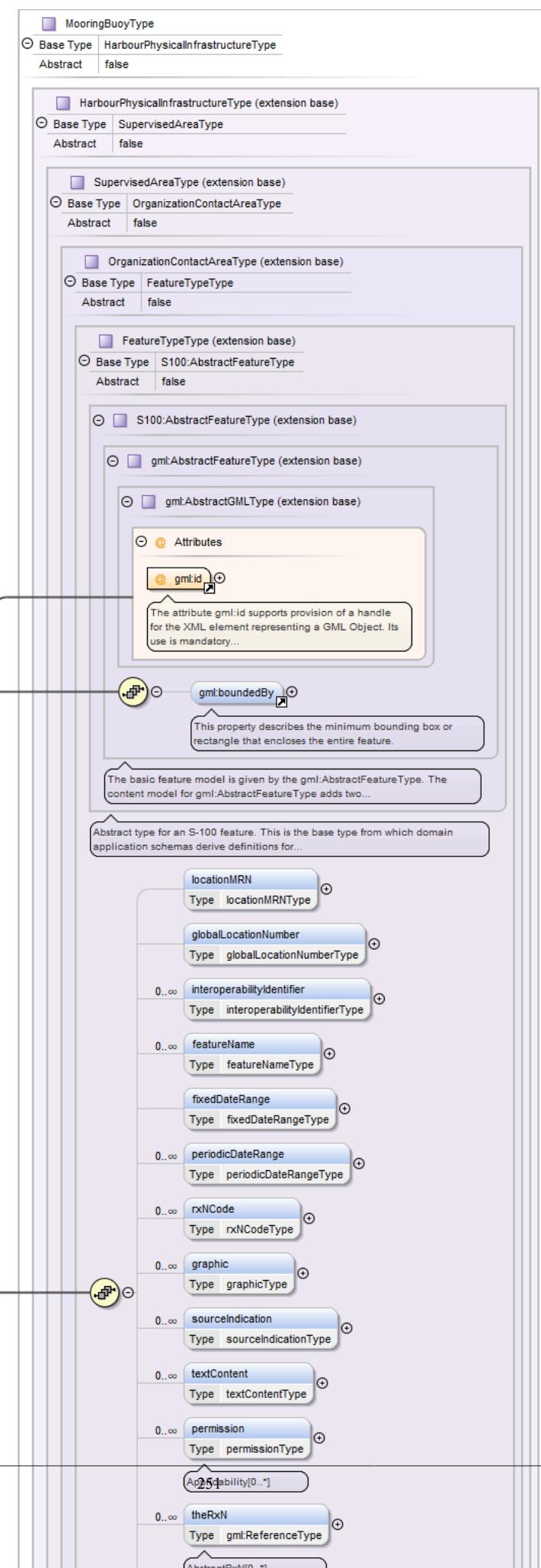


Type	LockBasinPartType										
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType <ul style="list-style-type: none"> • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType • HarbourPhysicalInfrastructureType • LockBasinPartType 										
Properties	content: complex										
Used by	Element Group MemberObjects										
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDateRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1} , infrastructureLocation{0,1} , sillDepth{0,1} , facilityOperatingHours{0,1} , geometry+										
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> </tbody> </table>	QName	Type	Use		gml:id	ID	required		<p>The attribute <code>gml:id</code> supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>	
QName	Type	Use									
gml:id	ID	required									

Element MooringBuoy

Namespace	http://www.ihc.int/S131/2.0
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Diagram

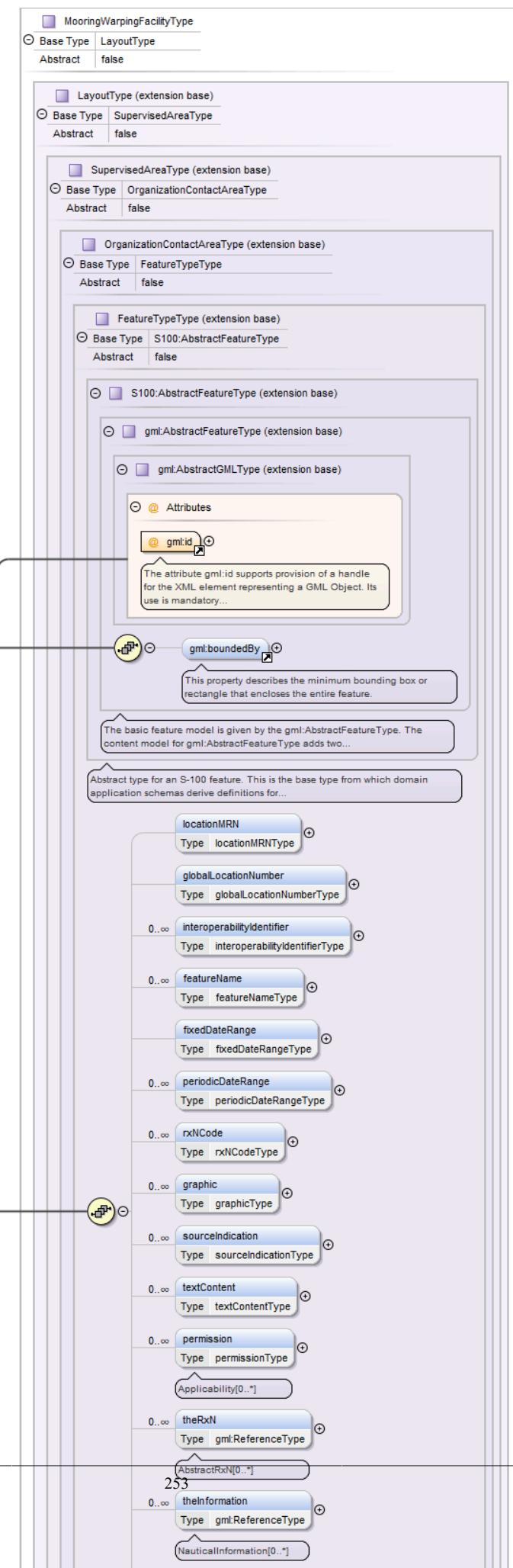


Type	MooringBuoyType										
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType <ul style="list-style-type: none"> • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType • HarbourPhysicalInfrastructureType • MooringBuoyType 										
Properties	content: complex										
Used by	Element Group MemberObjects										
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDateRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1} , infrastructureLocation{0,1} , maximumPermittedDraught{0,1} , maximumPermittedVesselLength{0,1} , verticalLength{0,1} , visitorsMooring{0,1} , geometry+										
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> </tbody> </table> <p>The attribute <code>gml:id</code> supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>	QName	Type	Use		gml:id	ID	required			
QName	Type	Use									
gml:id	ID	required									

Element MooringWarpingFacility

Namespace	http://www.ihc.int/S131/2.0
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Diagram

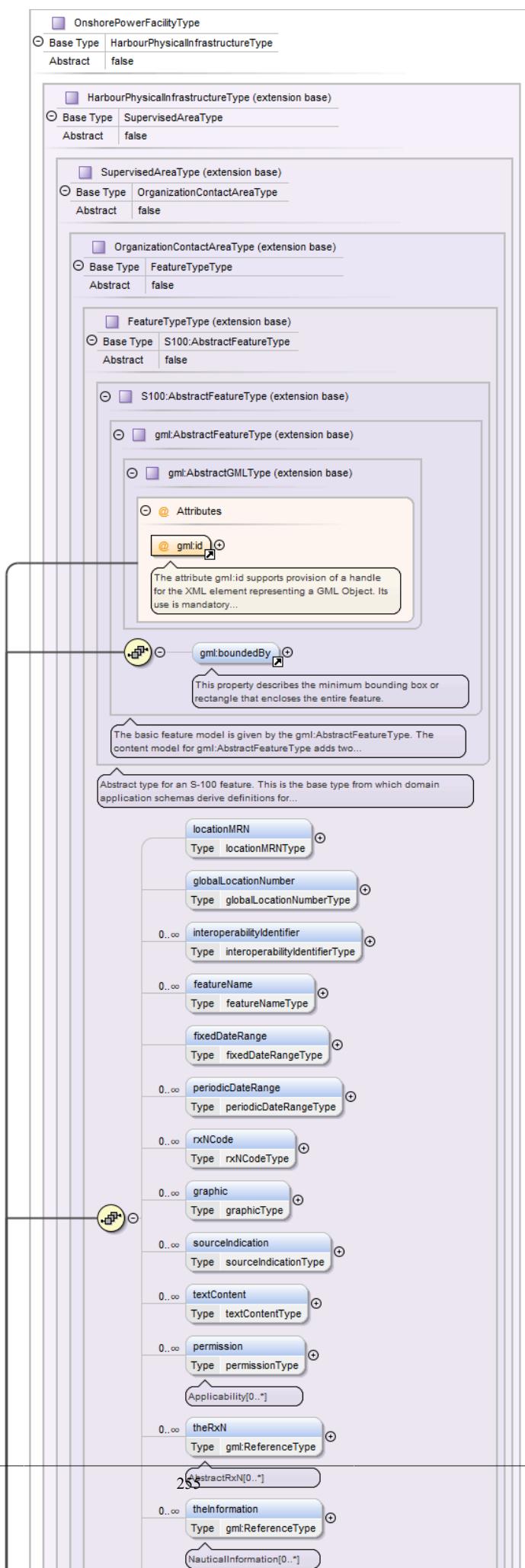


Type	MooringWarpingFacilityType														
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType • LayoutType • MooringWarpingFacilityType 														
Properties	content: complex														
Used by	Element Group MemberObjects														
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDataRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1} , categoryOfMooringWarpingFacility{0,1} , iDCode , bollardDescription{0,1} , safeWorkingLoad{0,1} , heavingLinesFromShore{0,1} , serviceDescriptionReference{0,1} , facilityOperatingHours{0,1} , primaryFacility{0,1} , geometry+														
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> <tr> <td></td> <td></td> <td>The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</td> <td></td> </tr> </tbody> </table>	QName	Type	Use		gml:id	ID	required				The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.			
QName	Type	Use													
gml:id	ID	required													
		The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.													

Element OnshorePowerFacility

Namespace	http://www.ihc.int/S131/2.0
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Diagram

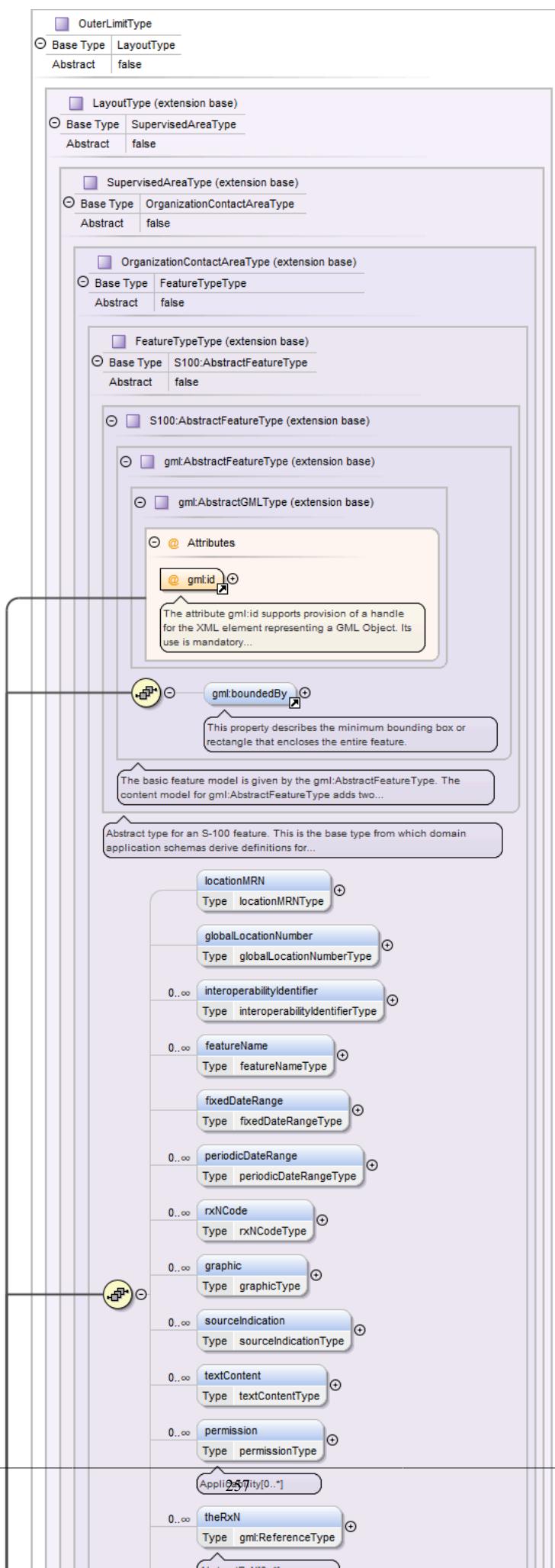


Type	OnshorePowerFacilityType														
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType <ul style="list-style-type: none"> • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType • HarbourPhysicalInfrastructureType • OnshorePowerFacilityType 														
Properties	content: complex														
Used by	Element Group MemberObjects														
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDataRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1} , infrastructureLocation{0,1} , categoryOfShorePowerFacility{0,1} , iDCode{0,1} , shorePowerDescription{0,1} , categoryOfVoltage* , categoryOfFrequency* , categoryOfPlug* , shorePowerServiceProvider{0,1} , facilityOperatingHours{0,1} , geometry+														
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> <tr> <td></td> <td colspan="3"> The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs. </td></tr> </tbody> </table>	QName	Type	Use		gml:id	ID	required			The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.				
QName	Type	Use													
gml:id	ID	required													
	The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.														

Element OuterLimit

Namespace	http://www.ihc.int/S131/2.0
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Diagram

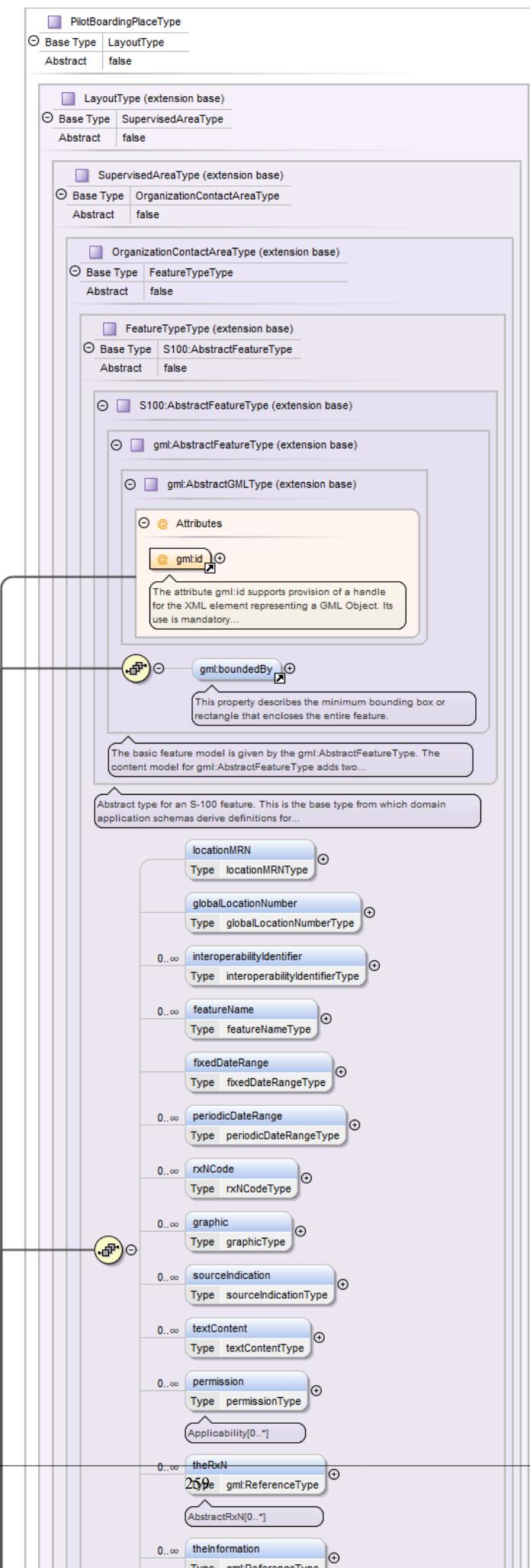


Type	OuterLimitType											
Type hierarchy	<ul style="list-style-type: none"> • <code>gml:AbstractGMLType</code> • <code>gml:AbstractFeatureType</code> • <code>AbstractFeatureType</code> • <code>FeatureTypeType</code> • <code>OrganizationContactAreaType</code> • <code>SupervisedAreaType</code> • <code>LayoutType</code> • <code>OuterLimitType</code> 											
Properties	content: complex											
Used by	Element Group MemberObjects											
Model	<code>gml:boundedBy{0,1}</code> , <code>locationMRN{0,1}</code> , <code>globalLocationNumber{0,1}</code> , <code>interoperabilityIdentifier*</code> , <code>featureName*</code> , <code>fixedDateRange{0,1}</code> , <code>periodicDateRange*</code> , <code>rxNCode*</code> , <code>graphic*</code> , <code>sourceIndication*</code> , <code>textContent*</code> , <code>permission*</code> , <code>theRxN*</code> , <code>theInformation*</code> , <code>theCartographicText{0,1}</code> , <code>theContactDetails*</code> , <code>controlAuthority{0,1}</code> , <code>limitsDescription{0,1}</code> , <code>markedBy*</code> , <code>landmarkDescription*</code> , <code>offshoreMarkDescription*</code> , <code>majorLightDescription*</code> , <code>usefulMarkDescription*</code> , <code>entranceReference{0,1}</code> , <code>limitReference</code> , <code>geometry+</code>											
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td><code>gml:id</code></td> <td>ID</td> <td>required</td> </tr> <tr> <td></td> <td></td> <td>The attribute <code>gml:id</code> supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</td> </tr> </tbody> </table>	QName	Type	Use	<code>gml:id</code>	ID	required			The attribute <code>gml:id</code> supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.		
QName	Type	Use										
<code>gml:id</code>	ID	required										
		The attribute <code>gml:id</code> supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.										

Element PilotBoardingPlace

Namespace	http://www.ihc.int/S131/2.0
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Diagram

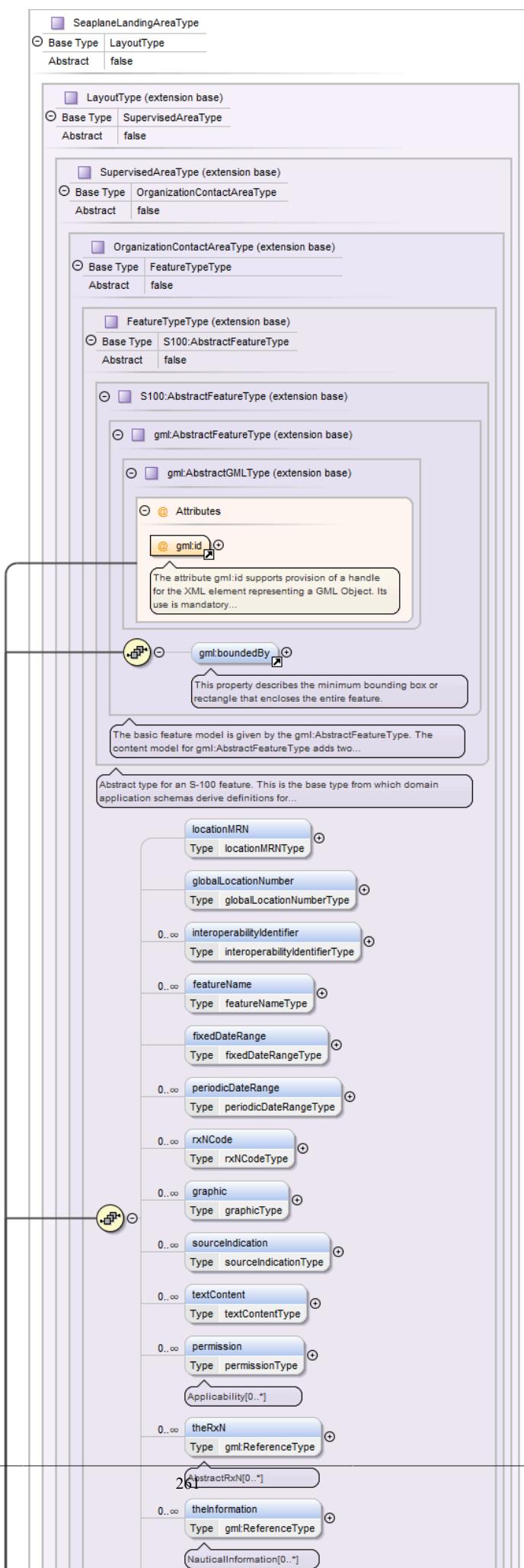


Type	PilotBoardingPlaceType														
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType <ul style="list-style-type: none"> • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType • LayoutType • PilotBoardingPlaceType 														
Properties	content: complex														
Used by	Element Group MemberObjects														
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDateRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1} , depthsDescription{0,1} , locationByText{0,1} , pilotMovement{0,3} , markedBy{0,1} , iSPSLevel{0,1} , facilityOperatingHours{0,1} , componentOf , geometry+														
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> <tr> <td></td> <td colspan="3"> The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs. </td></tr> </tbody> </table>	QName	Type	Use		gml:id	ID	required			The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.				
QName	Type	Use													
gml:id	ID	required													
	The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.														

Element SeaplaneLandingArea

Namespace	http://www.ihc.int/S131/2.0
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Diagram

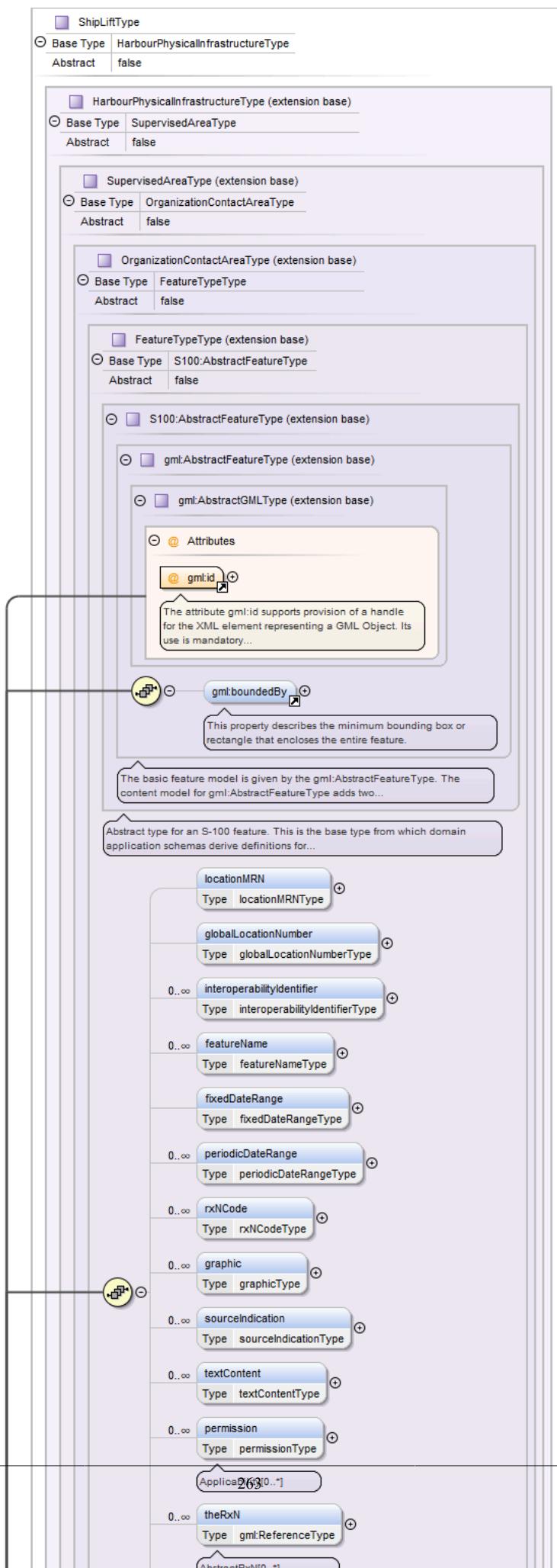


Type	SeaplaneLandingAreaType														
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType <ul style="list-style-type: none"> • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType • LayoutType • SeaplaneLandingAreaType 														
Properties	content: complex														
Used by	Element Group MemberObjects														
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDataRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1} , depthsDescription{0,1} , locationByText{0,1} , markedBy{0,1} , iSPSLevel{0,1} , facilityOperatingHours{0,1} , componentOf , geometry+														
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> <tr> <td></td> <td colspan="3"> The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs. </td></tr> </tbody> </table>	QName	Type	Use		gml:id	ID	required			The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.				
QName	Type	Use													
gml:id	ID	required													
	The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.														

Element **ShipLift**

Namespace	http://www.ihc.int/S131/2.0
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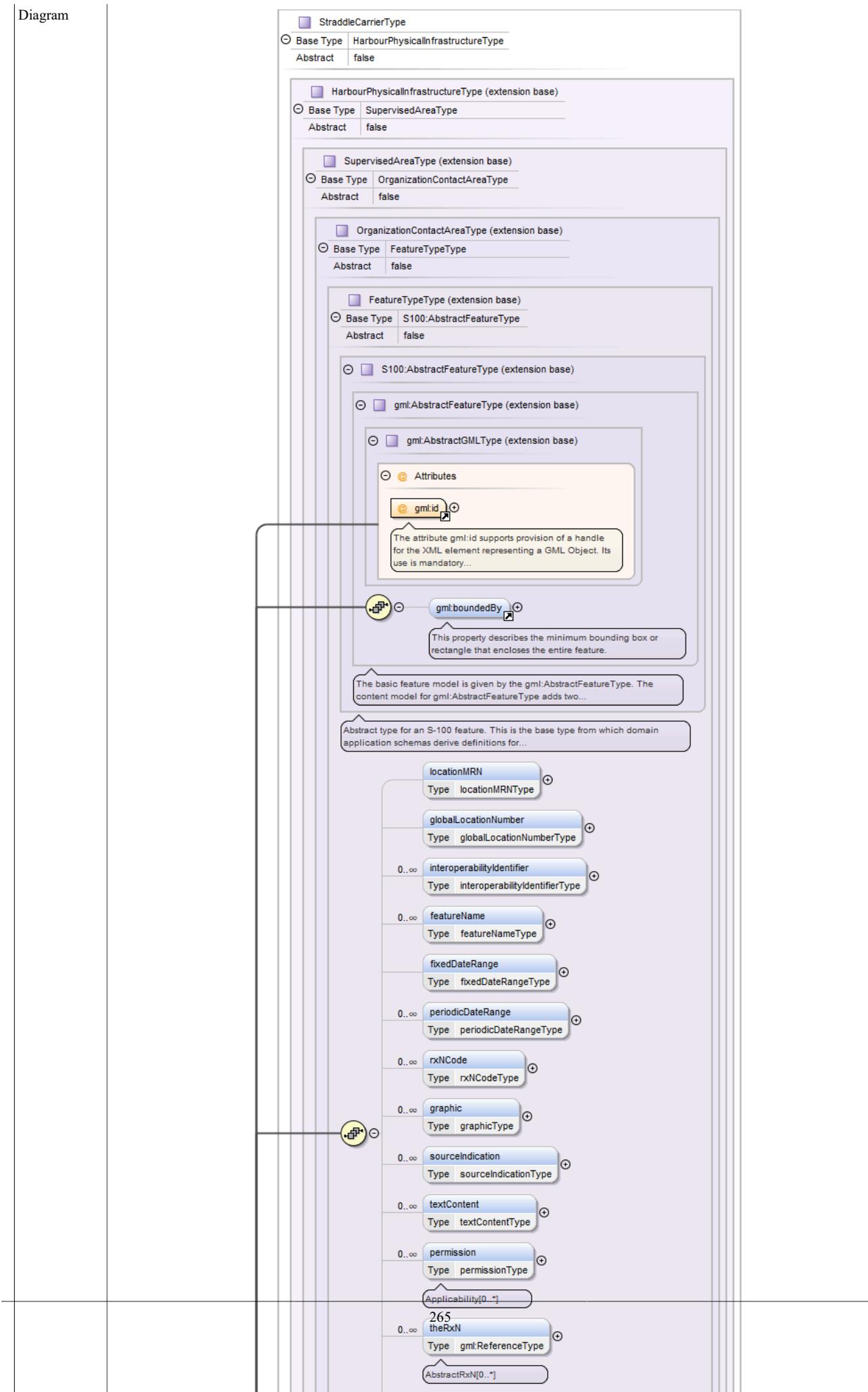
Diagram



Type	ShipLiftType										
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType <ul style="list-style-type: none"> • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType • HarbourPhysicalInfrastructureType • ShipLiftType 										
Properties	content: complex										
Used by	Element Group MemberObjects										
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDateRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1} , infrastructureLocation{0,1} , verticalClearanceValue{0,1} , facilityOperatingHours{0,1} , geometry+										
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> </tbody> </table>	QName	Type	Use		gml:id	ID	required		<p>The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>	
QName	Type	Use									
gml:id	ID	required									

Element straddleCarrier

Namespace	http://www.ihc.int/S131/2.0
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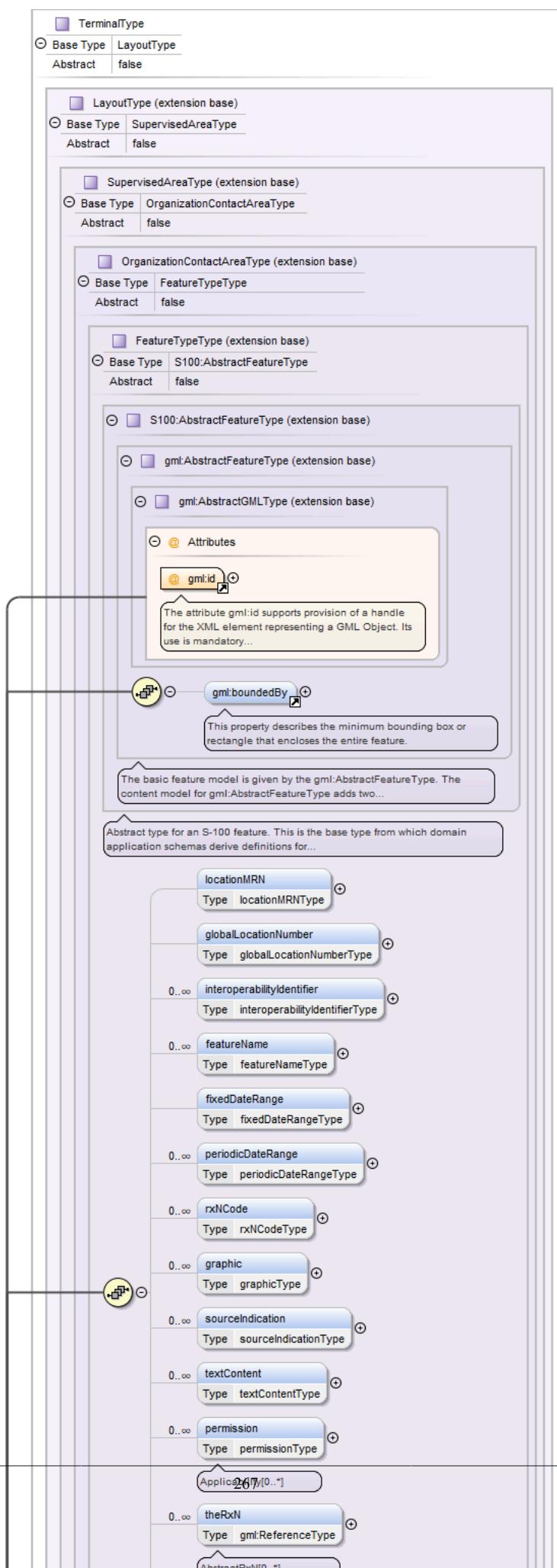


Type	StraddleCarrierType														
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType <ul style="list-style-type: none"> • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType • HarbourPhysicalInfrastructureType • StraddleCarrierType 														
Properties	content: complex														
Used by	Element Group MemberObjects														
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDateRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1} , infrastructureLocation{0,1} , facilityOperatingHours{0,1} , geometry+														
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> <tr> <td></td> <td colspan="3" style="text-align: left; vertical-align: top;"> The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs. </td></tr> </tbody> </table>	QName	Type	Use		gml:id	ID	required			The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.				
QName	Type	Use													
gml:id	ID	required													
	The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.														

Element Terminal

Namespace	http://www.ihc.int/S131/2.0
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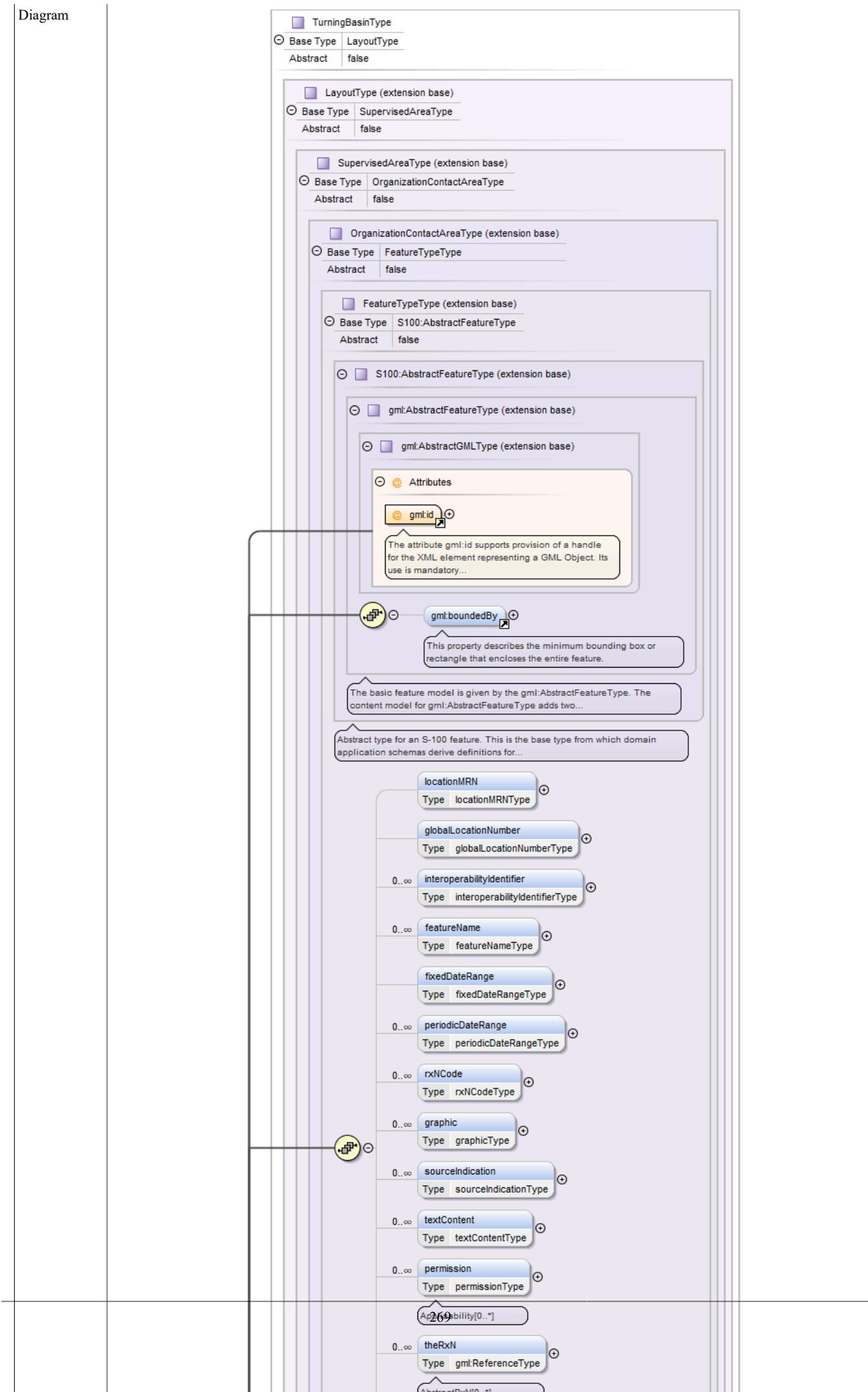
Diagram



Type	TerminalType														
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType <ul style="list-style-type: none"> • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType • LayoutType • TerminalType 														
Properties	content: complex														
Used by	Element Group MemberObjects														
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDataRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1} , portFacilityNumber{0,1} , categoryOfTerminal{0,1} , categoryOfCargo* , product* , terminalIdentifier{0,1} , sMDGTerminalCode{0,1} , uNLocationCode{0,1} , serviceDescriptionReference{0,1} , facilityOperatingHours{0,1} , componentOf , layoutUnit* , hasInfrastructure* , geometry+														
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> <tr> <td></td> <td colspan="3"> The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs. </td></tr> </tbody> </table>	QName	Type	Use		gml:id	ID	required			The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.				
QName	Type	Use													
gml:id	ID	required													
	The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.														

Element TurningBasin

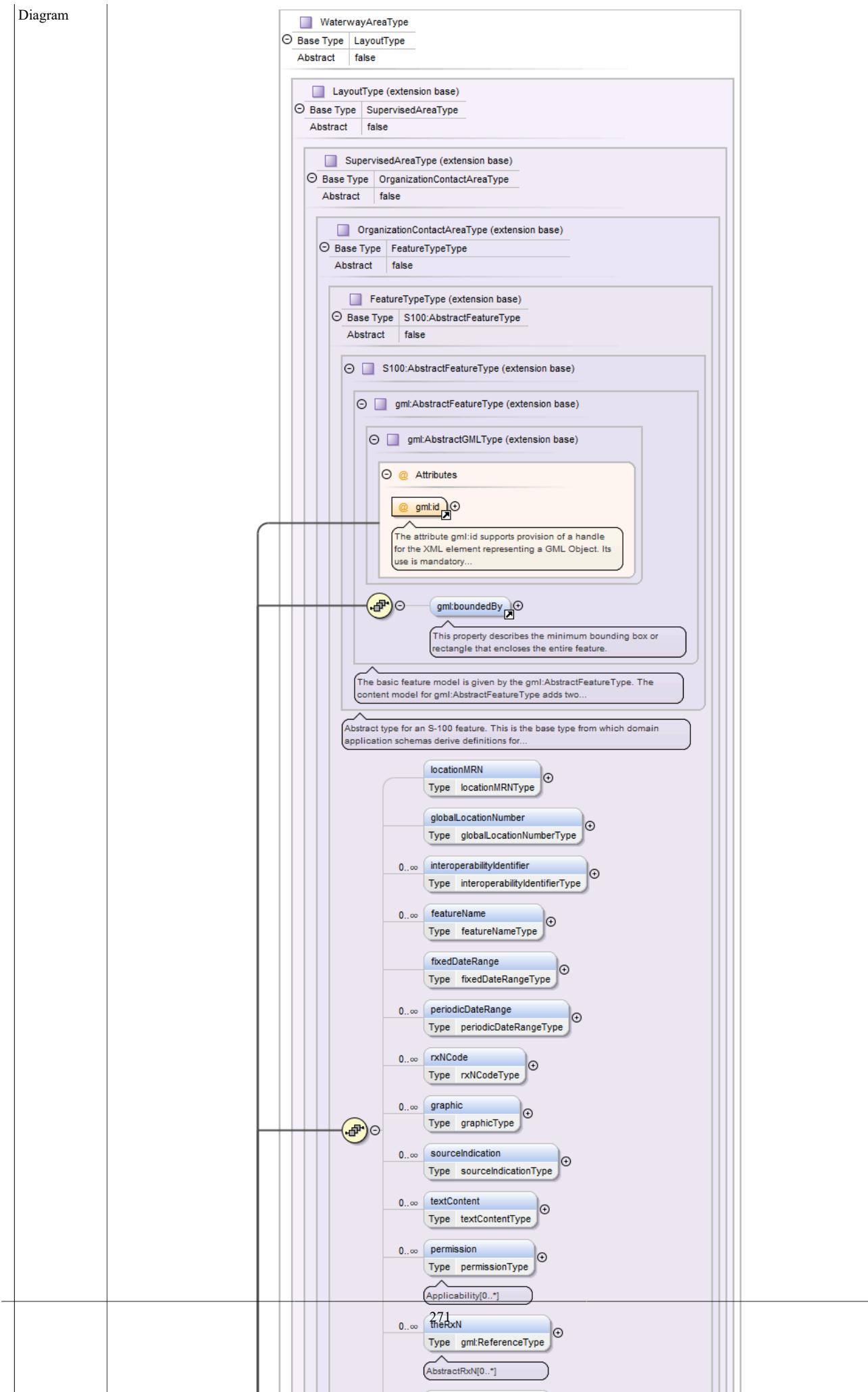
Namespace	http://www.ihc.int/S131/2.0
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Type	TurningBasinType										
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType • LayoutType • TurningBasinType 										
Properties	content: complex										
Used by	Element Group MemberObjects										
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDateRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1} , depthsDescription{0,1} , locationByText{0,1} , markedBy{0,1} , iSPSLevel{0,1} , facilityOperatingHours{0,1} , componentOf , geometry+										
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> </tbody> </table>	QName	Type	Use		gml:id	ID	required		<p>The attribute <code>gml:id</code> supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>	
QName	Type	Use									
gml:id	ID	required									

Element WaterwayArea

Namespace	http://www.ihc.int/S131/2.0
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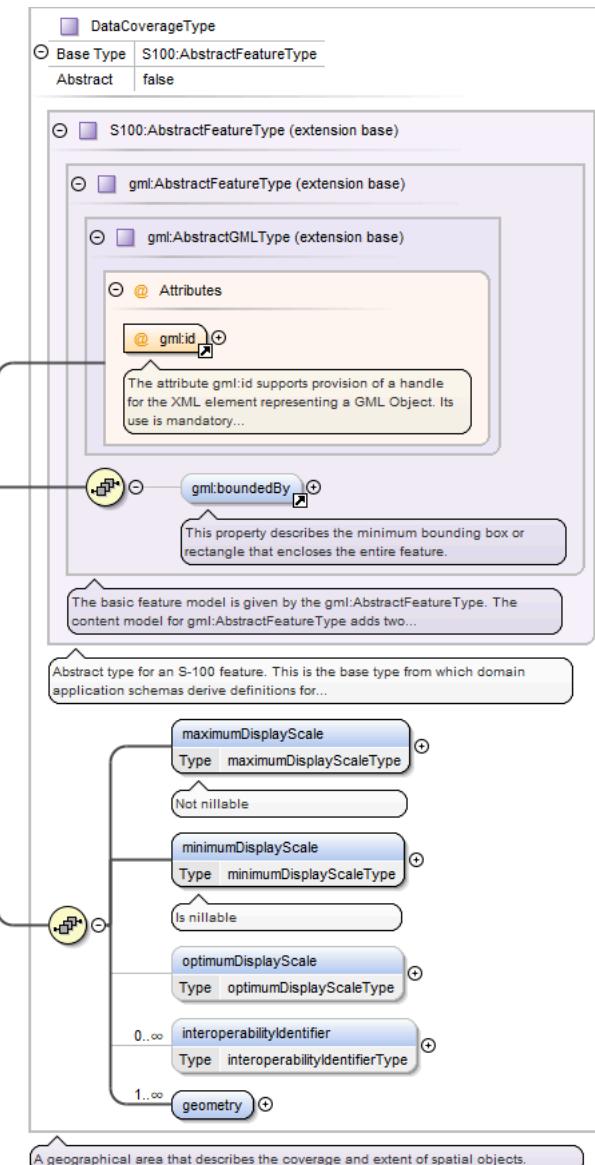


Type	WaterwayAreaType										
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType <ul style="list-style-type: none"> • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType • LayoutType • WaterwayAreaType 										
Properties	content: complex										
Used by	Element Group MemberObjects										
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDateRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1} , categoryOfPortSection{0,1} , depthsDescription{0,1} , locationByText{0,1} , markedBy{0,1} , facilityOperatingHours{0,1} , componentOf , geometry+										
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> </tbody> </table>	QName	Type	Use		gml:id	ID	required		<p>The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>	
QName	Type	Use									
gml:id	ID	required									

Element DataCoverage

Namespace	http://www.ihc.int/S131/2.0
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Diagram



Type	DataCoverageType		
Type hierarchy	<ul style="list-style-type: none"> gml:AbstractGMLType gml:AbstractFeatureType AbstractFeatureType DataCoverageType 		
Properties	content: complex		
Used by	Element Group MemberObjects		
Model	gml:boundedBy{0,1} , maximumDisplayScale , minimumDisplayScale , optimumDisplayScale{0,1} , interoperabilityIdentifier* , geometry+		
Attributes	QName gml:id	Type ID	Use required
		<p>The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>	

Element QualityOfNonBathymetricData

Namespace	http://www.ihc.int/S131/2.0
Diagram	<p>The diagram illustrates the type hierarchy and attributes of the <code>QualityOfNonBathymetricData</code> element. It shows the following structure:</p> <ul style="list-style-type: none"> QualityOfNonBathymetricDataType (Type: <code>QualityOfNonBathymetricData</code>) is a concrete type derived from <code>S100:AbstractFeatureType</code>. S100:AbstractFeatureType (extension base) is derived from <code>gml:AbstractFeatureType</code>. gml:AbstractFeatureType (extension base) is derived from <code>gml:AbstractGMLType</code>. Attributes (under <code>gml:AbstractGMLType</code>) include: <ul style="list-style-type: none"> <code>@ gml:id</code>: A mandatory attribute for providing a handle for the XML element representing a GML Object. <code>gml:boundedBy</code>: A property describing the minimum bounding box or rectangle that encloses the entire feature. geometry: A required attribute representing the area within which a uniform assessment of the quality of the non-bathymetric data exists. categoryOfTemporalVariation, horizontalDistanceUncertainty, horizontalPositionUncertainty, orientationUncertainty, interoperabilityIdentifier, sourceIndication, surveyDateRange, verticalUncertainty, information: These are optional attributes of the type.
Type	<code>QualityOfNonBathymetricDataType</code>
Type hierarchy	<ul style="list-style-type: none"> • <code>gml:AbstractGMLType</code> • <code>gml:AbstractFeatureType</code> • <code>AbstractFeatureType</code> • <code>QualityOfNonBathymetricDataType</code>
Properties	content: complex

Used by	Element Group	MemberObjects									
Model	gml:boundedBy{0,1} , categoryOfTemporalVariation{0,1} , horizontalDistanceUncertainty{0,1} , horizontalPositionUncertainty{0,1} , orientationUncertainty{0,1} , interoperabilityIdentifier* , sourceIndication{0,1} , surveyDateRange{0,1} , verticalUncertainty{0,1} , information* , geometry+										
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> </tbody> </table>	QName	Type	Use		gml:id	ID	required		<p>The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>	
QName	Type	Use									
gml:id	ID	required									

Element SoundingDatum

Namespace	http://www.ihc.int/S131/2.0
Diagram	<p>SoundingDatumType</p> <p>Base Type: S100:AbstractFeatureType</p> <p>Abstract: false</p> <p>S100:AbstractFeatureType (extension base)</p> <p>gml:AbstractFeatureType (extension base)</p> <p>gml:AbstractGMLType (extension base)</p> <p>Attributes:</p> <ul style="list-style-type: none"> @ gml:id <p>The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory...</p> <p>gml:boundedBy</p> <p>This property describes the minimum bounding box or rectangle that encloses the entire feature.</p> <p>The basic feature model is given by the gml:AbstractFeatureType. The content model for gml:AbstractFeatureType adds two...</p> <p>Abstract type for an S-100 feature. This is the base type from which domain application schemas derive definitions for...</p> <p>verticalDatum</p> <p>Type: SoundingDatum_verticalDatumType</p> <p>Not nullable</p> <p>information</p> <p>Type: informationType</p> <p>geometry</p> <p>The horizontal plane or tidal datum to which soundings have been reduced. Also called datum for sounding reduction.</p>
Type	SoundingDatumType
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType • AbstractFeatureType • SoundingDatumType
Properties	content: complex
Used by	Element Group MemberObjects
Model	gml:boundedBy{0,1} , verticalDatum , information* , geometry+

Attributes	QName	Type	Use
	gml:id	ID	required

The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.

Element VerticalDatumOfData

Namespace	http://www.ihc.int/S131/2.0		
Diagram	<p>The diagram illustrates the inheritance path of the VerticalDatumOfData element. It starts with VerticalDatumOfData, which is a subtype of VerticalDatumOfDataType. VerticalDatumOfDataType is an abstract base type that extends S100:AbstractFeatureType. This base type also extends gml:AbstractFeatureType, which in turn extends gml:AbstractGMLType. The gml:id attribute is shown as a required ID type, with a detailed description of its purpose. The gml:boundedBy property is described as a minimum bounding box or rectangle enclosing the feature. The verticalDatum element is defined as a required VerticalDatumOfData_verticalDatumType. The information element is defined as a sequence of zero or more informationType elements. The geometry element is defined as a sequence of one or more geometry elements. A note at the bottom indicates that verticalDatum refers to a level surface like Mean Sea Level.</p>		
Type	VerticalDatumOfDataType		
Type hierarchy	<ul style="list-style-type: none"> gml:AbstractGMLType gml:AbstractFeatureType AbstractFeatureType VerticalDatumOfDataType 		
Properties	content: complex		
Used by	Element Group MemberObjects		
Model	gml:boundedBy{0,1} , verticalDatum , information* , geometry+		
Attributes	QName	Type	Use
	gml:id	ID	required

The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.

QName	Type	Use
	type ID, so is constrained to be unique in the XML document within which it occurs.	

Element TextPlacement

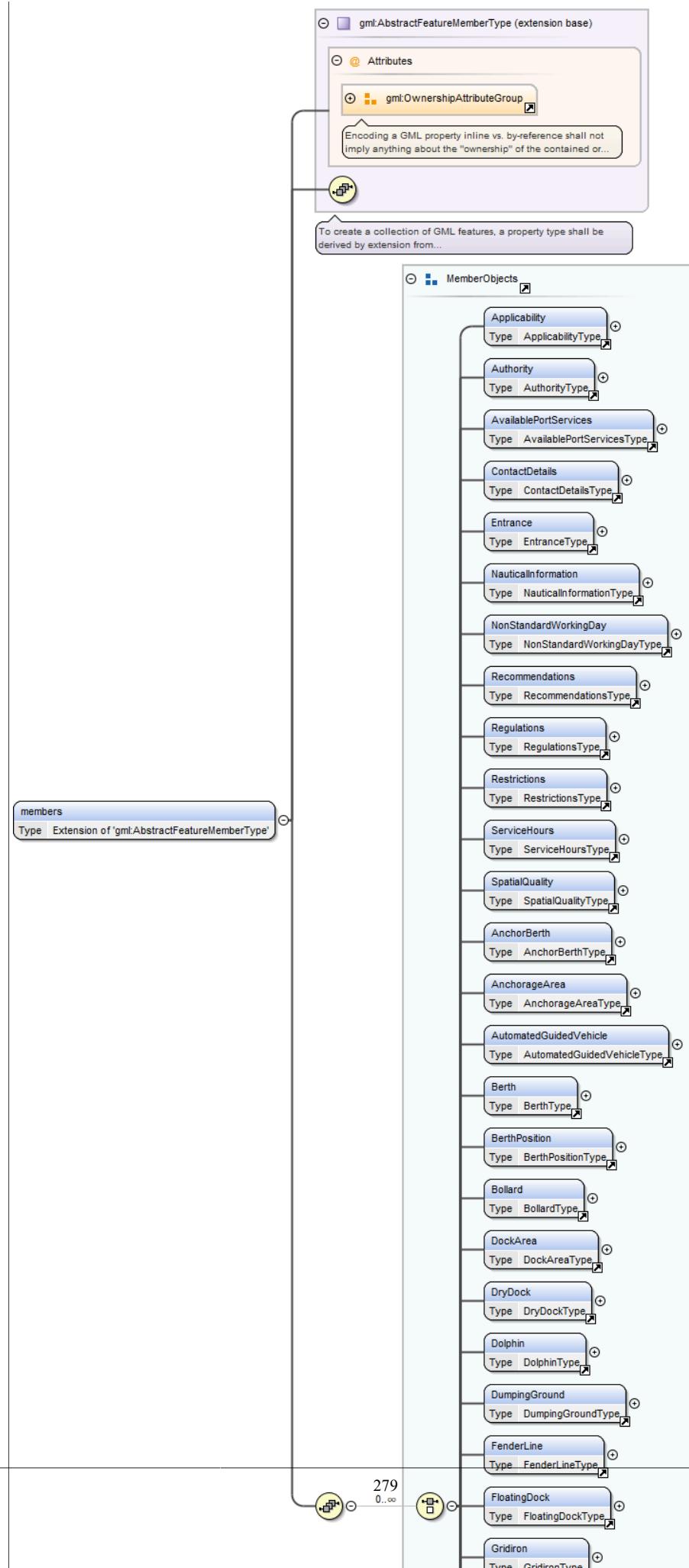
Namespace	http://www.ih0.int/S131/2.0
Diagram	<p>The diagram illustrates the schema structure for the <code>TextPlacement</code> element. It shows the inheritance path from <code>TextPlacementType</code> to <code>S100:AbstractFeatureType</code>, which itself extends from <code>gml:AbstractFeatureType</code> and <code>gml:AbstractGMLType</code>. The <code>gml:id</code> attribute is highlighted as mandatory, providing a handle for the XML element. The <code>gml:boundedBy</code> association is described as representing a minimum bounding box or rectangle enclosing the feature. The <code>TextPlacement</code> type has several attributes: <code>textOffsetBearing</code> (textOffsetBearingType, not nullable), <code>textOffsetDistance</code> (textOffsetDistanceType, not nullable), <code>textRotation</code> (textRotationType), <code>textType</code> (TextPlacement_textTypeType, not nullable), <code>scaleMinimum</code> (scaleMinimumType), <code>thePositionProvider</code> (gml:ReferenceType), and a geometry association (FeatureType[1..1]). A note at the bottom states that the Text Placement feature is used in association with the Feature Name attribute or a light description to optimize...</p>
Type	TextPlacementType
Type hierarchy	<ul style="list-style-type: none"> • <code>gml:AbstractGMLType</code> • <code>gml:AbstractFeatureType</code> • <code>AbstractFeatureType</code>

		• TextPlacementType							
Properties	content:	complex							
Used by	Element Group	MemberObjects							
Model	gml:boundedBy{0,1} , textOffsetBearing , textOffsetDistance , textRotation{0,1} , textType{1,2} , scaleMinimum{0,1} , thePositionProvider , geometry+								
Attributes	<table border="1"><thead><tr><th>QName</th><th>Type</th><th>Use</th></tr></thead><tbody><tr><td>gml:id</td><td>ID</td><td>required</td></tr></tbody></table>	QName	Type	Use	gml:id	ID	required		
QName	Type	Use							
gml:id	ID	required							
		The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.							

Element ThisDatasetType / members

Namespace	http://www.ihc.int/S131/2.0
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Diagram



Type	extension of gml:AbstractFeatureMemberType			
Type hierarchy	• gml:AbstractFeatureMemberType			
Properties	content: complex			
Model	(Applicability Authority AvailablePortServices ContactDetails Entrance NauticalInformation NonStandardWorkingDay Recommendations Regulations Restrictions ServiceHours SpatialQuality AnchorBerth AnchorageArea AutomatedGuided-Vehicle Berth BerthPosition Bollard DockArea DryDock Dolphin DumpingGround FenderLine FloatingDock Gridiron HarbourAreaAdministrative HarbourAreaSection HarbourBasin HarbourFacility LockBasin LockBasinPart MooringBuoy MooringWarpingFacility OnshorePowerFacility OuterLimit PilotBoardingPlace SeaplaneLandingArea ShipLift StraddleCarrier Terminal TurningBasin WaterwayArea DataCoverage QualityOfNonBathymetricData SoundingDatum VerticalDatumOfData TextPlacement)			
Attributes	QName	Type	Default	Use
	owns	boolean	false	optional

Element Dataset

Namespace	http://www.ihc.int/S131/2.0
Diagram	<p>The diagram illustrates the UML class structure for the <code>S131:DatasetType</code> element. It is defined as follows:</p> <ul style="list-style-type: none"> Base Type: <code>S100:DatasetType</code> Extension: <code>gml:AbstractFeatureType</code> Attributes: <ul style="list-style-type: none"> <code>@ gml:id</code>: Described as supporting provision of a handle for the XML element representing a GML Object. Its use is mandatory. <code>gml:boundedBy</code>: Described as a property that supports the minimum bounding box or rectangle that encloses the entire feature. Geometry: A group containing: <ul style="list-style-type: none"> <code>Point</code> <code>MultiPoint</code> <code>curves</code> (group): <ul style="list-style-type: none"> <code>Curve</code> <code>CompositeCurve</code> <code>OrientableCurve</code> <p>A note states: "S-100 orientable curve is the same as GML orientable curve. Added for consistency."</p> <code>Surface</code> <code>Polygon</code> <p>A note states: "Group of all S-100 curve types."</p> Dataset: An element of type <code>ThisDatasetType</code>. members: An association of type <code>Extension of 'gml:AbstractFeatureMemberType'</code>.

Type	ThisDatasetType										
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType • DatasetType • ThisDatasetType 										
Properties	content: complex										
Model	gml:boundedBy{0,1} , DatasetIdentificationInformation , (Point MultiPoint Curve CompositeCurve OrientableCurve Surface Polygon) , members										
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> </tbody> </table>	QName	Type	Use		gml:id	ID	required		The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.	
QName	Type	Use									
gml:id	ID	required									

Simple Type(s)

Simple Type codelistTypeType

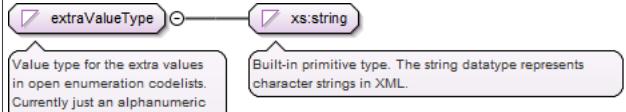
Namespace	http://www.ih0.int/S131/2.0											
Annotations	An S-100 codelist.											
Diagram	<p>An S-100 codelist.</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>											
Type	restriction of xs:string											
Facets	<table> <tr> <td>enumeration</td> <td>openEnumeration</td> <td>Open enumeration</td> </tr> <tr> <td>enumeration</td> <td>openDictionary</td> <td>Open dictionary</td> </tr> <tr> <td>enumeration</td> <td>closedDictionary</td> <td>Closed Dictionary</td> </tr> </table>			enumeration	openEnumeration	Open enumeration	enumeration	openDictionary	Open dictionary	enumeration	closedDictionary	Closed Dictionary
enumeration	openEnumeration	Open enumeration										
enumeration	openDictionary	Open dictionary										
enumeration	closedDictionary	Closed Dictionary										
Used by	Attributes											
	actionOrActivityType/@codelistType, categoryOfRxNType/@codelistType, categoryOfVessel-Type/@codelistType, securitySafetyEmergencyServiceType/@codelistType, transportConnection-Type/@codelistType											

Simple Type extraLabelType

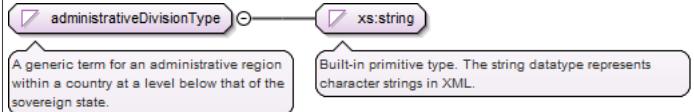
Namespace	http://www.ih0.int/S131/2.0		
Annotations	Label type for labels of extra values in open enumeration codelists. Accepts any non-empty string beginning with an alphanumeric character and not ending in whitespace. Introduced for the new S-100 5.0 GML encoding.		
Diagram	<p>Label type for labels of extra values in open enumeration codelists. Accepts any non-empty string beginning with an...</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>		
Type	restriction of xs:string		
Facets	pattern ([a-zA-Z0-9] [a-zA-Z0-9].*\\$)		

Simple Type extraValueType

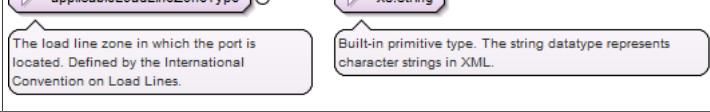
Namespace	http://www.ih0.int/S131/2.0		
Annotations	Value type for the extra values in open enumeration codelists. Currently just an alphanumeric string, but should perhaps conform to S-100 3-6.7.		

Diagram	
Type	restriction of xs:string
Facets	pattern [a-zA-Z0-9]+ ([a-zA-Z0-9]+) *
Used by	Attributes actionOrActivityType/@otherValue, categoryOfRxNType/@otherValue, categoryOfVesselType/@otherValue, securitySafetyEmergencyServiceType/@otherValue, transportConnectionType/@otherValue

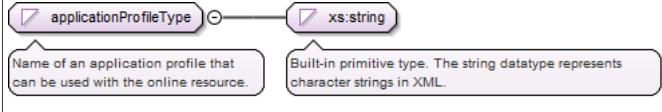
Simple Type administrativeDivisionType

Namespace	http://www.ihc.int/S131/2.0
Annotations	A generic term for an administrative region within a country at a level below that of the sovereign state.
Diagram	
Type	xs:string
Used by	Element contactAddressType/administrativeDivision

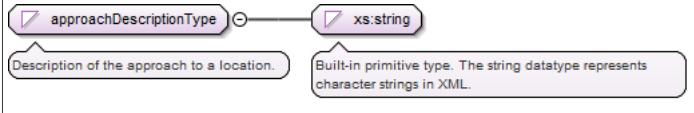
Simple Type applicableLoadLineZoneType

Namespace	http://www.ihc.int/S131/2.0
Annotations	The load line zone in which the port is located. Defined by the International Convention on Load Lines.
Diagram	
Type	xs:string
Used by	Element HarbourAreaAdministrativeType/applicableLoadLineZone

Simple Type applicationProfileType

Namespace	http://www.ihc.int/S131/2.0
Annotations	Name of an application profile that can be used with the online resource.
Diagram	
Type	xs:string
Used by	Element onlineResourceType/applicationProfile

Simple Type approachDescriptionType

Namespace	http://www.ihc.int/S131/2.0
Annotations	Description of the approach to a location.
Diagram	
Type	xs:string
Used by	Element EntranceType/approachDescription

Simple Type associatedFeatureNameType

Namespace	http://www.ihc.int/S131/2.0	
Annotations	The name of an associated feature.	
Diagram	<pre> graph LR A[associatedFeatureNameType] --> B(xs:string) </pre> <p>The diagram shows a simple type 'associatedFeatureNameType' connected by a line to its base type 'xs:string'. Below the type is a box containing the text 'The name of an associated feature.' and below the base type is a box containing the text 'Built-in primitive type. The string datatype represents character strings in XML.'</p>	
Type	xs:string	
Used by	Element EntranceType/associatedFeatureName	

Simple Type availableBerthingLengthType

Namespace	http://www.ihc.int/S131/2.0					
Annotations	The length of a berth or dock which is available for use.					
Diagram	<pre> graph LR A[availableBerthingLengthType] --> B(xs:decimal) </pre> <p>The diagram shows a simple type 'availableBerthingLengthType' connected by a line to its base type 'xs:decimal'. Below the type is a box containing the text 'The length of a berth or dock which is available for use.' and below the base type is a box containing the text 'Built-in primitive type. The decimal datatype represents arbitrary precision decimal numbers.'</p>					
Type	restriction of xs:decimal					
Facets	<table> <tr> <td>maxInclusive</td> <td>10000.0</td> </tr> <tr> <td>minInclusive</td> <td>0.0</td> </tr> </table>		maxInclusive	10000.0	minInclusive	0.0
maxInclusive	10000.0					
minInclusive	0.0					
Used by	Element BerthType/availableBerthingLength					

Simple Type berthingAssistanceLabel

Namespace	http://www.ihc.int/S131/2.0																			
Annotations	Classification of assistance for mooring or anchoring operations.																			
Diagram	<pre> graph LR A[berthingAssistanceLabel] --> B(xs:string) </pre> <p>The diagram shows a simple type 'berthingAssistanceLabel' connected by a line to its base type 'xs:string'. Below the type is a box containing the text 'Classification of assistance for mooring or anchoring operations.' and below the base type is a box containing the text 'Built-in primitive type. The string datatype represents character strings in XML.'</p>																			
Type	restriction of xs:string																			
Facets	<table> <tr> <td>enumeration</td> <td>Berthing Information</td> <td>1: Information about assistance or arrangements for a service related to berthing operations.</td> </tr> <tr> <td>enumeration</td> <td>Line Personnel</td> <td>2: Personnel specializing in the mooring and unmooring of vessels.</td> </tr> <tr> <td>enumeration</td> <td>Mooring Boat</td> <td>3: A boat which assists the securement of a vessel to a berth or mooring with ropes or anchor.</td> </tr> <tr> <td>enumeration</td> <td>Mule</td> <td>4: A locomotive for moving vessels.</td> </tr> <tr> <td>enumeration</td> <td>Tugboat</td> <td>5: A powerful small boat designed to pull or push larger ships or powerless barges.</td> </tr> <tr> <td>enumeration</td> <td>Icebreaking Ship</td> <td>6: A ship equipped to make and maintain a channel through ice.</td> </tr> </table>		enumeration	Berthing Information	1: Information about assistance or arrangements for a service related to berthing operations.	enumeration	Line Personnel	2: Personnel specializing in the mooring and unmooring of vessels.	enumeration	Mooring Boat	3: A boat which assists the securement of a vessel to a berth or mooring with ropes or anchor.	enumeration	Mule	4: A locomotive for moving vessels.	enumeration	Tugboat	5: A powerful small boat designed to pull or push larger ships or powerless barges.	enumeration	Icebreaking Ship	6: A ship equipped to make and maintain a channel through ice.
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enumeration	Mule	4: A locomotive for moving vessels.																		
enumeration	Tugboat	5: A powerful small boat designed to pull or push larger ships or powerless barges.																		
enumeration	Icebreaking Ship	6: A ship equipped to make and maintain a channel through ice.																		
Used by	Complex Type berthingAssistanceType																			

Simple Type berthingAssistanceCode

Namespace	http://www.ihc.int/S131/2.0				
Annotations	Classification of assistance for mooring or anchoring operations.				
Diagram	<pre> graph LR A[berthingAssistanceCode] --> B(xs:integer) </pre> <p>The diagram shows a simple type 'berthingAssistanceCode' connected by a line to its base type 'xs:integer'. Below the type is a box containing the text 'Classification of assistance for mooring or anchoring operations.' and below the base type is a box containing the text 'Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...'</p>				
Type	restriction of xs:integer				
Facets	<table> <tr> <td>enumeration</td> <td>1</td> <td>Information about assistance or arrangements for a service related to berthing operations.</td> </tr> </table>		enumeration	1	Information about assistance or arrangements for a service related to berthing operations.
enumeration	1	Information about assistance or arrangements for a service related to berthing operations.			

	enumeration	2	Personnel specializing in the mooring and unmooring of vessels.
	enumeration	3	A boat which assists the securement of a vessel to a berth or mooring with ropes or anchor.
	enumeration	4	A locomotive for moving vessels.
	enumeration	5	A powerful small boat designed to pull or push larger ships or powerless barges.
	enumeration	6	A ship equipped to make and maintain a channel through ice.
Used by	Attribute	berthingAssistanceType/@code	

Simple Type AvailablePortServices_berthingAssistanceLabel

Namespace	http://www.ihoint/S131/2.0														
Annotations	Custom enum: AvailablePortServices/berthingAssistance														
Diagram	<pre> classDiagram class AvailablePortServices_berthingAssistanceLabel { <<Custom enum: AvailablePortServices/berthingAssistance>> } class xs_string { <<Built-in primitive type. The string datatype represents character strings in XML.>> } AvailablePortServices_berthingAssistanceLabel "1" -- "0..1" xs_string </pre>														
Type	restriction of xs:string														
Facets	<table border="1"> <tr> <td>enumeration</td> <td>Berthing Information</td> </tr> <tr> <td>enumeration</td> <td>Line Personnel</td> </tr> <tr> <td>enumeration</td> <td>Mooring Boat</td> </tr> <tr> <td>enumeration</td> <td>Mule</td> </tr> <tr> <td>enumeration</td> <td>Tugboat</td> </tr> <tr> <td>enumeration</td> <td>Icebreaking Ship</td> </tr> </table>			enumeration	Berthing Information	enumeration	Line Personnel	enumeration	Mooring Boat	enumeration	Mule	enumeration	Tugboat	enumeration	Icebreaking Ship
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enumeration	Icebreaking Ship														
Used by	Complex Type AvailablePortServices_berthingAssistanceType														

Simple Type AvailablePortServices_berthingAssistanceCode

Namespace	http://www.ihoint/S131/2.0																				
Annotations	Custom enum: AvailablePortServices/berthingAssistance																				
Diagram	<pre> classDiagram class AvailablePortServices_berthingAssistanceCode { <<Custom enum: AvailablePortServices/berthingAssistance>> } class xs_integer { <<Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...>> } AvailablePortServices_berthingAssistanceCode "1" -- "0..1" xs_integer </pre>																				
Type	restriction of xs:integer																				
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enumeration	5	A powerful small boat designed to pull or push larger ships or powerless barges.																			
enumeration	6	A ship equipped to make and maintain a channel through ice.																			
Used by	Attribute AvailablePortServices_berthingAssistanceType/@code																				

Simple Type bollardDescriptionType

Namespace	http://www.ihoint/S131/2.0		
Annotations	A textual description of the type of bollard at a berth or mooring facility.		
Diagram	<pre> classDiagram class bollardDescriptionType { <<A textual description of the type of bollard at a berth or mooring facility.>> } class xs_string { <<Built-in primitive type. The string datatype represents character strings in XML.>> } bollardDescriptionType "1" -- "0..1" xs_string </pre>		

Type	xs:string
Used by	Elements BerthType/bollardDescription, MooringWarpingFacilityType/bollardDescription

Simple Type bollardNumberType

Namespace	http://www.ihc.int/S131/2.0
Annotations	An identifier used to locate a specific bollard.
Diagram	<pre> graph LR bollardNumberType[bollardNumberType] --> xsString[xs:string] note1[An identifier used to locate a specific bollard.] --- bollardNumberType </pre>
Type	xs:string
Used by	Elements BerthPositionType/bollardNumber, BerthType/bollardNumber

Simple Type callNameType

Namespace	http://www.ihc.int/S131/2.0
Annotations	The designated call name of a station; for example, radio station, radar station, pilot.
Diagram	<pre> graph LR callNameType[callNameType] --> xsString[xs:string] note1[The designated call name of a station; for example, radio station, radar station, pilot.] --- callNameType note2[Built-in primitive type. The string datatype represents character strings in XML.] --- xsString </pre>
Type	xs:string
Used by	Element ContactDetailsType/callName

Simple Type callSignType

Namespace	http://www.ihc.int/S131/2.0
Annotations	The designated call-sign of a station (radio station, radar station, pilot, ...).
Diagram	<pre> graph LR callSignType[callSignType] --> xsString[xs:string] note1[The designated call-sign of a station (radio station, radar station, pilot, ...).] --- callSignType note2[Built-in primitive type. The string datatype represents character strings in XML.] --- xsString </pre>
Type	xs:string
Used by	Element ContactDetailsType/callSign

Simple Type cardinalDirectionLabel

Namespace	http://www.ihc.int/S131/2.0																								
Annotations	Principal and intermediate compass points.																								
Diagram	<pre> graph LR cardinalDirectionLabel[cardinalDirectionLabel] --> xsString[xs:string] note1[Principal and intermediate compass points.] --- cardinalDirectionLabel note2[Built-in primitive type. The string datatype represents character strings in XML.] --- xsString </pre>																								
Type	restriction of xs:string																								
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	enumeration	South	9: 168.75-191.25 degrees.
	enumeration	South Southwest	10: 191.25-213.75 degrees.
	enumeration	Southwest	11: 213.75-236.25 degrees.
	enumeration	West Southwest	12: 236.25-258.75 degrees.
	enumeration	West	13: 258.75-281.25 degrees.
	enumeration	West Northwest	14: 281.25-303.75 degrees.
	enumeration	Northwest	15: 303.75 - 326.25 degrees.
	enumeration	North Northwest	16: 326.25 - 348.75 degrees.
Used by	Complex Type	cardinalDirectionType	

Simple Type cardinalDirectionCode

Namespace	http://www.ihoint/S131/2.0																																																		
Annotations	Principal and intermediate compass points.																																																		
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Used by	Attribute	cardinalDirectionType/@code																																																	

Simple Type bearingInformation_cardinalDirectionLabel

Namespace	http://www.ihoint/S131/2.0																				
Annotations	Restricted values of bearingInformation/cardinalDirection																				
Diagram	<p>Restricted values of bearingInformation/cardinalDirection</p>																				
Type	restriction of xs:string																				
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	enumeration	Southwest
	enumeration	West Southwest
	enumeration	West
	enumeration	West Northwest
	enumeration	Northwest
	enumeration	North Northwest
Used by	Complex Type	bearingInformation_cardinalDirectionType

Simple Type bearingInformation_cardinalDirectionCode

Namespace	http://www.ihc.int/S131/2.0		
Annotations	Restricted values of bearingInformation/cardinalDirection		
Diagram	<p>The diagram shows a UML class diagram with two classes: 'bearingInformation_cardinalDirectionCode' and 'xs:integer'. They are connected by a directed association line. A callout box points to the association line with the text 'Restricted values of bearingInformation/cardinalDirection'.</p>		
Type	restriction of xs:integer		
Facets	enumeration	1	348.75-011.25 degrees (true north).
	enumeration	2	011.25 - 033.75 degrees.
	enumeration	3	033.75 - 056.25 degrees.
	enumeration	4	056.25-078.75 degrees.
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	enumeration	15	303.75 - 326.25 degrees.
	enumeration	16	326.25 - 348.75 degrees.
Used by	Attribute	bearingInformation_cardinalDirectionType/@code	

Simple Type cargoServiceLabel

Namespace	http://www.ihc.int/S131/2.0						
Annotations	Classification of services related to the goods or items carried by vessels.						
Diagram	<pre> classDiagram class cargoServiceLabel { xs:string } cargoServiceLabel < -- xs:string </pre> <p>The diagram shows a UML class named 'cargoServiceLabel' with a single attribute 'xs:string'. A generalization arrow points from 'cargoServiceLabel' to 'xs:string', indicating that 'cargoServiceLabel' is a specialized type of 'xs:string'. Below the class, a callout box contains the annotation: 'Classification of services related to the goods or items carried by vessels.' Below the attribute, another callout box contains the annotation: 'Built-in primitive type. The string datatype represents character strings in XML.'</p>						
Type	restriction of xs:string						
Facets	<table border="1"> <tr> <td>enumeration</td> <td>Stevedoring</td> <td>1: The loading, unloading, moving or handling of cargo, ship's stores, gear, or other materials, into, in, on, or out of any vessel.</td> </tr> <tr> <td>enumeration</td> <td>Cargo Surveying</td> <td>2: Inspection, evaluation or monitoring of the quantity, stowage, loading and unloading, and</td> </tr> </table>	enumeration	Stevedoring	1: The loading, unloading, moving or handling of cargo, ship's stores, gear, or other materials, into, in, on, or out of any vessel.	enumeration	Cargo Surveying	2: Inspection, evaluation or monitoring of the quantity, stowage, loading and unloading, and
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		condition of cargo, and the effects of cargoes on vessel stability and safety.
	enumeration	Cargo Lashing
	enumeration	Draught Survey
Used by	Complex Type	cargoServiceType

Simple Type cargoServiceCode

Namespace	http://www.ihc.int/S131/2.0														
Annotations	Classification of services related to the goods or items carried by vessels.														
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enumeration	4	Determination of the quantity of certain types of bulk cargo by assessment of its effect on displacement when loaded in a vessel.													
Used by	Attribute	cargoServiceType/@code													

Simple Type AvailablePortServices_cargoServiceLabel

Namespace	http://www.ihc.int/S131/2.0														
Annotations	Custom enum: AvailablePortServices/cargoService														
Diagram															
Type	restriction of xs:string														
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Used by	Complex Type	AvailablePortServices_cargoServiceType													

Simple Type AvailablePortServices_cargoServiceCode

Namespace	http://www.ihc.int/S131/2.0		
Annotations	Custom enum: AvailablePortServices/cargoService		
Diagram			
Type	restriction of xs:integer		
Facets	enumeration	1	The loading, unloading, moving or handling of cargo, ship's stores, gear, or other materials, into, in, on, or out of any vessel.

	enumeration	2	Inspection, evaluation or monitoring of the quantity, stowage, loading and unloading, and condition of cargo, and the effects of cargoes on vessel stability and safety.
	enumeration	3	The securement of cargo to the ship's structure and/or other cargo.
	enumeration	4	Determination of the quantity of certain types of bulk cargo by assessment of its effect on displacement when loaded in a vessel.
Used by	Attribute	AvailablePortServices_cargoServiceType/@code	

Simple Type categoryOfAnchorLabel

Namespace	http://www.ihc.int/S131/2.0																																
Annotations	Classification of an area where different use types of vessel can remain static.																																
Diagram	<pre> graph LR categoryOfAnchorLabel[categoryOfAnchorLabel] --> xsString[xs:string] </pre> <p>Classification of an area where different use types of vessel can remain static. Built-in primitive type. The string datatype represents character strings in XML.</p>																																
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enumeration	Reported Anchorage	15: A location not defined by a regulatory authority that has been reported to be suitable and safe for anchoring.																															
Used by	Complex Type	categoryOfAnchorLabelType																															

Simple Type categoryOfAnchorCode

Namespace	http://www.ihc.int/S131/2.0																				
Annotations	Classification of an area where different use types of vessel can remain static.																				
Diagram	<pre> graph LR categoryOfAnchorCode[categoryOfAnchorCode] --> xsInteger[xs:integer] </pre> <p>Classification of an area where different use types of vessel can remain static. Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...</p>																				
Type	restriction of xs:integer																				
Facets	<table> <tr> <td>enumeration</td> <td>1</td> <td>An area in which vessels anchor or may anchor.</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>An area in which vessels of deep draught anchor or may anchor.</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>An area in which tankers anchor or may anchor.</td> </tr> <tr> <td>enumeration</td> <td>5</td> <td>An area where a vessel anchors when satisfying quarantine regulations.</td> </tr> <tr> <td>enumeration</td> <td>6</td> <td>An area in which seaplanes anchor or may anchor.</td> </tr> <tr> <td>enumeration</td> <td>7</td> <td>An area in which yachts and small boats anchor or may anchor.</td> </tr> </table>			enumeration	1	An area in which vessels anchor or may anchor.	enumeration	2	An area in which vessels of deep draught anchor or may anchor.	enumeration	3	An area in which tankers anchor or may anchor.	enumeration	5	An area where a vessel anchors when satisfying quarantine regulations.	enumeration	6	An area in which seaplanes anchor or may anchor.	enumeration	7	An area in which yachts and small boats anchor or may anchor.
enumeration	1	An area in which vessels anchor or may anchor.																			
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enumeration	3	An area in which tankers anchor or may anchor.																			
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enumeration	6	An area in which seaplanes anchor or may anchor.																			
enumeration	7	An area in which yachts and small boats anchor or may anchor.																			

	enumeration	9	An area in which vessels anchor or may anchor for periods of up to 24 hours.
	enumeration	10	An area in which vessels may anchor for a period of time not to exceed a specific limit.
	enumeration	14	An area in which vessels anchor or may anchor while waiting, for example, for access to a port or berth.
	enumeration	15	A location not defined by a regulatory authority that has been reported to be suitable and safe for anchoring.
Used by	Attribute categoryOfAnchorageType/@code		

Simple Type AnchorBerth_categoryOfAnchorageLabel

Namespace	http://www.ihc.int/S131/2.0																				
Annotations	Custom enum: AnchorBerth/categoryOfAnchorage																				
Diagram	<pre> classDiagram class AnchorBerth_categoryOfAnchorageLabel { <<Custom enum: AnchorBerth/categoryOfAnchorage>> } class xsString { <<Built-in primitive type. The string datatype represents character strings in XML.>> } AnchorBerth_categoryOfAnchorageLabel "1" -- "0..1" xsString </pre>																				
Type	restriction of xs:string																				
Facets	<table border="1"> <tr><td>enumeration</td><td>Unrestricted Anchorage</td></tr> <tr><td>enumeration</td><td>Deep Water Anchorage</td></tr> <tr><td>enumeration</td><td>Tanker Anchorage</td></tr> <tr><td>enumeration</td><td>Quarantine Anchorage</td></tr> <tr><td>enumeration</td><td>Seaplane Anchorage</td></tr> <tr><td>enumeration</td><td>Small Craft Anchorage</td></tr> <tr><td>enumeration</td><td>Anchorage for Periods Up To 24 Hours</td></tr> <tr><td>enumeration</td><td>Anchorage for a Limited Period of Time</td></tr> <tr><td>enumeration</td><td>Waiting Anchorage</td></tr> </table>			enumeration	Unrestricted Anchorage	enumeration	Deep Water Anchorage	enumeration	Tanker Anchorage	enumeration	Quarantine Anchorage	enumeration	Seaplane Anchorage	enumeration	Small Craft Anchorage	enumeration	Anchorage for Periods Up To 24 Hours	enumeration	Anchorage for a Limited Period of Time	enumeration	Waiting Anchorage
enumeration	Unrestricted Anchorage																				
enumeration	Deep Water Anchorage																				
enumeration	Tanker Anchorage																				
enumeration	Quarantine Anchorage																				
enumeration	Seaplane Anchorage																				
enumeration	Small Craft Anchorage																				
enumeration	Anchorage for Periods Up To 24 Hours																				
enumeration	Anchorage for a Limited Period of Time																				
enumeration	Waiting Anchorage																				
Used by	Complex Type	AnchorBerth_categoryOfAnchorageType																			

Simple Type AnchorBerth_categoryOfAnchorageCode

Namespace	http://www.ihc.int/S131/2.0																													
Annotations	Custom enum: AnchorBerth/categoryOfAnchorage																													
Diagram	<pre> classDiagram class AnchorBerth_categoryOfAnchorageCode { <<Custom enum: AnchorBerth/categoryOfAnchorage>> } class xsInteger { <<Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...>> } AnchorBerth_categoryOfAnchorageCode "1" -- "0..1" xsInteger </pre>																													
Type	restriction of xs:integer																													
Facets	<table border="1"> <tr><td>enumeration</td><td>1</td><td>An area in which vessels anchor or may anchor.</td></tr> <tr><td>enumeration</td><td>2</td><td>An area in which vessels of deep draught anchor or may anchor.</td></tr> <tr><td>enumeration</td><td>3</td><td>An area in which tankers anchor or may anchor.</td></tr> <tr><td>enumeration</td><td>5</td><td>An area where a vessel anchors when satisfying quarantine regulations.</td></tr> <tr><td>enumeration</td><td>6</td><td>An area in which seaplanes anchor or may anchor.</td></tr> <tr><td>enumeration</td><td>7</td><td>An area in which yachts and small boats anchor or may anchor.</td></tr> <tr><td>enumeration</td><td>9</td><td>An area in which vessels anchor or may anchor for periods of up to 24 hours.</td></tr> <tr><td>enumeration</td><td>10</td><td>An area in which vessels may anchor for a period of time not to exceed a specific limit.</td></tr> <tr><td>enumeration</td><td>14</td><td>An area in which vessels anchor or may anchor while waiting, for example, for access to a port or berth.</td></tr> </table>			enumeration	1	An area in which vessels anchor or may anchor.	enumeration	2	An area in which vessels of deep draught anchor or may anchor.	enumeration	3	An area in which tankers anchor or may anchor.	enumeration	5	An area where a vessel anchors when satisfying quarantine regulations.	enumeration	6	An area in which seaplanes anchor or may anchor.	enumeration	7	An area in which yachts and small boats anchor or may anchor.	enumeration	9	An area in which vessels anchor or may anchor for periods of up to 24 hours.	enumeration	10	An area in which vessels may anchor for a period of time not to exceed a specific limit.	enumeration	14	An area in which vessels anchor or may anchor while waiting, for example, for access to a port or berth.
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enumeration	14	An area in which vessels anchor or may anchor while waiting, for example, for access to a port or berth.																												

Used by	Attribute	AnchorBerth_categoryOfAnchorageType/@code
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Simple Type AnchorageArea_categoryOfAnchorageLabel

Namespace	http://www.ihoint/S131/2.0																															
Annotations	Custom enum: AnchorageArea/categoryOfAnchorage																															
Diagram	<pre> classDiagram class AnchorageArea_categoryOfAnchorageLabel { <<Custom enum: AnchorageArea/categoryOfAnchorage>> } class xs_string { <<Built-in primitive type. The string datatype represents character strings in XML...>> } AnchorageArea_categoryOfAnchorageLabel "1" -- "0..1" xs_string </pre>																															
Type	restriction of xs:string																															
Facets	<table> <tr> <td>enumeration</td><td>Unrestricted Anchorage</td><td></td></tr> <tr> <td>enumeration</td><td>Deep Water Anchorage</td><td></td></tr> <tr> <td>enumeration</td><td>Tanker Anchorage</td><td></td></tr> <tr> <td>enumeration</td><td>Quarantine Anchorage</td><td></td></tr> <tr> <td>enumeration</td><td>Seaplane Anchorage</td><td></td></tr> <tr> <td>enumeration</td><td>Small Craft Anchorage</td><td></td></tr> <tr> <td>enumeration</td><td>Anchorage for Periods Up To 24 Hours</td><td></td></tr> <tr> <td>enumeration</td><td>Anchorage for a Limited Period of Time</td><td></td></tr> <tr> <td>enumeration</td><td>Waiting Anchorage</td><td></td></tr> <tr> <td>enumeration</td><td>Reported Anchorage</td><td></td></tr> </table>	enumeration	Unrestricted Anchorage		enumeration	Deep Water Anchorage		enumeration	Tanker Anchorage		enumeration	Quarantine Anchorage		enumeration	Seaplane Anchorage		enumeration	Small Craft Anchorage		enumeration	Anchorage for Periods Up To 24 Hours		enumeration	Anchorage for a Limited Period of Time		enumeration	Waiting Anchorage		enumeration	Reported Anchorage		
enumeration	Unrestricted Anchorage																															
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enumeration	Waiting Anchorage																															
enumeration	Reported Anchorage																															
Used by	Complex Type	AnchorageArea_categoryOfAnchorageType																														

Simple Type AnchorageArea_categoryOfAnchorageCode

Namespace	http://www.ihoint/S131/2.0																															
Annotations	Custom enum: AnchorageArea/categoryOfAnchorage																															
Diagram	<pre> classDiagram class AnchorageArea_categoryOfAnchorageCode { <<Custom enum: AnchorageArea/categoryOfAnchorage>> } class xs_integer { <<Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...>> } AnchorageArea_categoryOfAnchorageCode "1" -- "0..1" xs_integer </pre>																															
Type	restriction of xs:integer																															
Facets	<table> <tr> <td>enumeration</td><td>1</td><td>An area in which vessels anchor or may anchor.</td></tr> <tr> <td>enumeration</td><td>2</td><td>An area in which vessels of deep draught anchor or may anchor.</td></tr> <tr> <td>enumeration</td><td>3</td><td>An area in which tankers anchor or may anchor.</td></tr> <tr> <td>enumeration</td><td>5</td><td>An area where a vessel anchors when satisfying quarantine regulations.</td></tr> <tr> <td>enumeration</td><td>6</td><td>An area in which seaplanes anchor or may anchor.</td></tr> <tr> <td>enumeration</td><td>7</td><td>An area in which yachts and small boats anchor or may anchor.</td></tr> <tr> <td>enumeration</td><td>9</td><td>An area in which vessels anchor or may anchor for periods of up to 24 hours.</td></tr> <tr> <td>enumeration</td><td>10</td><td>An area in which vessels may anchor for a period of time not to exceed a specific limit.</td></tr> <tr> <td>enumeration</td><td>14</td><td>An area in which vessels anchor or may anchor while waiting, for example, for access to a port or berth.</td></tr> <tr> <td>enumeration</td><td>15</td><td>A location not defined by a regulatory authority that has been reported to be suitable and safe for anchoring.</td></tr> </table>	enumeration	1	An area in which vessels anchor or may anchor.	enumeration	2	An area in which vessels of deep draught anchor or may anchor.	enumeration	3	An area in which tankers anchor or may anchor.	enumeration	5	An area where a vessel anchors when satisfying quarantine regulations.	enumeration	6	An area in which seaplanes anchor or may anchor.	enumeration	7	An area in which yachts and small boats anchor or may anchor.	enumeration	9	An area in which vessels anchor or may anchor for periods of up to 24 hours.	enumeration	10	An area in which vessels may anchor for a period of time not to exceed a specific limit.	enumeration	14	An area in which vessels anchor or may anchor while waiting, for example, for access to a port or berth.	enumeration	15	A location not defined by a regulatory authority that has been reported to be suitable and safe for anchoring.	
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enumeration	15	A location not defined by a regulatory authority that has been reported to be suitable and safe for anchoring.																														
Used by	Attribute	AnchorageArea_categoryOfAnchorageType/@code																														

Simple Type categoryOfAuthorityLabel

Namespace	http://www.ihoint/S131/2.0	
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Annotations	The type of person, government agency or organisation granted powers of managing or controlling access to and/or activity in an area.		
Diagram	<p>The diagram shows a UML class named 'categoryOfAuthorityLabel' with a multiplicity of 0..1. It is connected to another 'categoryOfAuthorityLabel' via an association line, and both are connected to an 'xs:string' type. A callout box for 'categoryOfAuthorityLabel' states: 'The type of person, government agency or organisation granted powers of managing or controlling access to and/or...'. A callout box for 'xs:string' states: 'Built-in primitive type. The string datatype represents character strings in XML.'</p>		
Type	restriction of xs:string		
Facets	enumeration	Border Control	2: The administration to prevent or detect and prosecute violations of rules and regulations at international boundaries.
	enumeration	Police	3: The department of government, or civil force, charged with maintaining public order.
	enumeration	Port	4: Person or corporation, owners of, or entrusted with or invested with the power of managing a port. May be called a Harbour Board, Port Trust, Port Commission, Harbour Commission, Marine Department.
	enumeration	Immigration	5: The authority controlling people entering a country.
	enumeration	Health	6: The authority with responsibility for checking the validity of the health declaration of a vessel and for declaring free pratique.
	enumeration	Coast Guard	7: Organization keeping watch on shipping and coastal waters according to governmental law; normally the authority with responsibility for search and rescue.
	enumeration	Agricultural	8: The authority with responsibility for preventing infection of the agriculture of a country and for the protection of the agricultural interests of a country.
	enumeration	Military	9: A military authority which provides control of access to or approval for transit through designated areas or airspace.
	enumeration	Private Company	10: A private or publicly owned company or commercial enterprise which exercises control of facilities, for example a calibration area.
	enumeration	Maritime Police	11: A governmental or military force with jurisdiction in territorial waters. Examples could include Gendarmerie Maritime, Carabinierie, and Guardia Civil.
	enumeration	Environmental	12: An authority with responsibility for the protection of the environment.
	enumeration	Fishery	13: An authority with responsibility for the control of fisheries.
	enumeration	Finance	14: An authority with responsibility for the control and movement of money.
	enumeration	Maritime	15: A national or regional authority charged with administration of maritime affairs.
	enumeration	Customs	16: The agency or establishment for collecting duties, tolls.
Used by	Complex Type	categoryOfAuthorityType	

Simple Type categoryOfAuthorityCode

Namespace	http://www.ihc.int/S131/2.0		
Annotations	The type of person, government agency or organisation granted powers of managing or controlling access to and/or activity in an area.		
Diagram	<p>The diagram shows a UML class named 'categoryOfAuthorityCode' with a multiplicity of 0..1. It is connected to another 'categoryOfAuthorityCode' via an association line, and both are connected to an 'xs:integer' type. A callout box for 'categoryOfAuthorityCode' states: 'The type of person, government agency or organisation granted powers of managing or controlling access to and/or...'. A callout box for 'xs:integer' states: 'Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...'</p>		
Type	restriction of xs:integer		
Facets	enumeration	2	The administration to prevent or detect and prosecute violations of rules and regulations at international boundaries.

enumeration	3	The department of government, or civil force, charged with maintaining public order.
enumeration	4	Person or corporation, owners of, or entrusted with or invested with the power of managing a port. May be called a Harbour Board, Port Trust, Port Commission, Harbour Commission, Marine Department.
enumeration	5	The authority controlling people entering a country.
enumeration	6	The authority with responsibility for checking the validity of the health declaration of a vessel and for declaring free pratique.
enumeration	7	Organization keeping watch on shipping and coastal waters according to governmental law; normally the authority with responsibility for search and rescue.
enumeration	8	The authority with responsibility for preventing infection of the agriculture of a country and for the protection of the agricultural interests of a country.
enumeration	9	A military authority which provides control of access to or approval for transit through designated areas or airspace.
enumeration	10	A private or publicly owned company or commercial enterprise which exercises control of facilities, for example a calibration area.
enumeration	11	A governmental or military force with jurisdiction in territorial waters. Examples could include Gendarmerie Maritime, Carabinierie, and Guardia Civil.
enumeration	12	An authority with responsibility for the protection of the environment.
enumeration	13	An authority with responsibility for the control of fisheries.
enumeration	14	An authority with responsibility for the control and movement of money.
enumeration	15	A national or regional authority charged with administration of maritime affairs.
enumeration	16	The agency or establishment for collecting duties, tolls.
Used by	Attribute	categoryOfAuthorityType/@code

Simple Type AbstractRxN_categoryOfAuthorityLabel

Namespace	http://www.ihc.int/S131/2.0																						
Annotations	Custom enum: AbstractRxN/categoryOfAuthority																						
Diagram	<pre> classDiagram class AbstractRxN_categoryOfAuthorityLabel { <<Custom enum: AbstractRxN/categoryOfAuthority>> } class xsString { <<Built-in primitive type. The string datatype represents character strings in XML.>> } AbstractRxN_categoryOfAuthorityLabel "0..1" -- "1" xsString </pre>																						
Type	restriction of xs:string																						
Facets	<table border="1"> <tr><td>enumeration</td><td>Border Control</td></tr> <tr><td>enumeration</td><td>Police</td></tr> <tr><td>enumeration</td><td>Port</td></tr> <tr><td>enumeration</td><td>Immigration</td></tr> <tr><td>enumeration</td><td>Health</td></tr> <tr><td>enumeration</td><td>Coast Guard</td></tr> <tr><td>enumeration</td><td>Agricultural</td></tr> <tr><td>enumeration</td><td>Military</td></tr> <tr><td>enumeration</td><td>Private Company</td></tr> <tr><td>enumeration</td><td>Maritime Police</td></tr> <tr><td>enumeration</td><td>Environmental</td></tr> </table>	enumeration	Border Control	enumeration	Police	enumeration	Port	enumeration	Immigration	enumeration	Health	enumeration	Coast Guard	enumeration	Agricultural	enumeration	Military	enumeration	Private Company	enumeration	Maritime Police	enumeration	Environmental
enumeration	Border Control																						
enumeration	Police																						
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enumeration	Health																						
enumeration	Coast Guard																						
enumeration	Agricultural																						
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enumeration	Maritime Police																						
enumeration	Environmental																						

	enumeration	Fishery
	enumeration	Finance
	enumeration	Maritime
	enumeration	Customs
Used by	Complex Type	AbstractRxN_categoryOfAuthorityType

Simple Type AbstractRxN_categoryOfAuthorityCode

Namespace	http://www.ihc.int/S131/2.0																																														
Annotations	Custom enum: AbstractRxN/categoryOfAuthority																																														
Diagram	<pre> classDiagram class AbstractRxN_categoryOfAuthorityCode class xs_integer AbstractRxN_categoryOfAuthorityCode "0..1" -- "0..1" xs_integer <<Custom enum: AbstractRxN/categoryOfAuthority>> <<Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...>> </pre>																																														
Type	restriction of xs:integer																																														
Facets	<table border="1"> <tr> <td>enumeration</td> <td>2</td> <td>The administration to prevent or detect and prosecute violations of rules and regulations at international boundaries.</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>The department of government, or civil force, charged with maintaining public order.</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>Person or corporation, owners of, or entrusted with or invested with the power of managing a port. May be called a Harbour Board, Port Trust, Port Commission, Harbour Commission, Marine Department.</td> </tr> <tr> <td>enumeration</td> <td>5</td> <td>The authority controlling people entering a country.</td> </tr> <tr> <td>enumeration</td> <td>6</td> <td>The authority with responsibility for checking the validity of the health declaration of a vessel and for declaring free pratique.</td> </tr> <tr> <td>enumeration</td> <td>7</td> <td>Organization keeping watch on shipping and coastal waters according to governmental law; normally the authority with responsibility for search and rescue.</td> </tr> <tr> <td>enumeration</td> <td>8</td> <td>The authority with responsibility for preventing infection of the agriculture of a country and for the protection of the agricultural interests of a country.</td> </tr> <tr> <td>enumeration</td> <td>9</td> <td>A military authority which provides control of access to or approval for transit through designated areas or airspace.</td> </tr> <tr> <td>enumeration</td> <td>10</td> <td>A private or publicly owned company or commercial enterprise which exercises control of facilities, for example a calibration area.</td> </tr> <tr> <td>enumeration</td> <td>11</td> <td>A governmental or military force with jurisdiction in territorial waters. Examples could include Gendarmerie Maritime, Carabinierie, and Guardia Civil.</td> </tr> <tr> <td>enumeration</td> <td>12</td> <td>An authority with responsibility for the protection of the environment.</td> </tr> <tr> <td>enumeration</td> <td>13</td> <td>An authority with responsibility for the control of fisheries.</td> </tr> <tr> <td>enumeration</td> <td>14</td> <td>An authority with responsibility for the control and movement of money.</td> </tr> <tr> <td>enumeration</td> <td>15</td> <td>A national or regional authority charged with administration of maritime affairs.</td> </tr> <tr> <td>enumeration</td> <td>16</td> <td>The agency or establishment for collecting duties, tolls.</td> </tr> </table>		enumeration	2	The administration to prevent or detect and prosecute violations of rules and regulations at international boundaries.	enumeration	3	The department of government, or civil force, charged with maintaining public order.	enumeration	4	Person or corporation, owners of, or entrusted with or invested with the power of managing a port. May be called a Harbour Board, Port Trust, Port Commission, Harbour Commission, Marine Department.	enumeration	5	The authority controlling people entering a country.	enumeration	6	The authority with responsibility for checking the validity of the health declaration of a vessel and for declaring free pratique.	enumeration	7	Organization keeping watch on shipping and coastal waters according to governmental law; normally the authority with responsibility for search and rescue.	enumeration	8	The authority with responsibility for preventing infection of the agriculture of a country and for the protection of the agricultural interests of a country.	enumeration	9	A military authority which provides control of access to or approval for transit through designated areas or airspace.	enumeration	10	A private or publicly owned company or commercial enterprise which exercises control of facilities, for example a calibration area.	enumeration	11	A governmental or military force with jurisdiction in territorial waters. Examples could include Gendarmerie Maritime, Carabinierie, and Guardia Civil.	enumeration	12	An authority with responsibility for the protection of the environment.	enumeration	13	An authority with responsibility for the control of fisheries.	enumeration	14	An authority with responsibility for the control and movement of money.	enumeration	15	A national or regional authority charged with administration of maritime affairs.	enumeration	16	The agency or establishment for collecting duties, tolls.
enumeration	2	The administration to prevent or detect and prosecute violations of rules and regulations at international boundaries.																																													
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enumeration	16	The agency or establishment for collecting duties, tolls.																																													
Used by	Attribute	AbstractRxN_categoryOfAuthorityType/@code																																													

Simple Type Authority_categoryOfAuthorityLabel

Namespace	http://www.ihc.int/S131/2.0
Annotations	Custom enum: Authority/categoryOfAuthority

Diagram	<p>Custom enum: Authority/categoryOfAuthority</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>	
Type	restriction of xs:string	
Facets	enumeration	Border Control
	enumeration	Police
	enumeration	Port
	enumeration	Immigration
	enumeration	Health
	enumeration	Coast Guard
	enumeration	Agricultural
	enumeration	Military
	enumeration	Private Company
	enumeration	Maritime Police
	enumeration	Environmental
	enumeration	Fishery
	enumeration	Finance
	enumeration	Maritime
	enumeration	Customs
Used by	Complex Type	Authority_categoryOfAuthorityType

Simple Type Authority_categoryOfAuthorityCode

Namespace	http://www.ihc.int/S131/2.0	
Annotations	Custom enum: Authority/categoryOfAuthority	
Diagram	<p>Custom enum: Authority/categoryOfAuthority</p> <p>Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...</p>	
Type	restriction of xs:integer	
Facets	enumeration	2
		The administration to prevent or detect and prosecute violations of rules and regulations at international boundaries.
	enumeration	3
		The department of government, or civil force, charged with maintaining public order.
	enumeration	4
		Person or corporation, owners of, or entrusted with or invested with the power of managing a port. May be called a Harbour Board, Port Trust, Port Commission, Harbour Commission, Marine Department.
	enumeration	5
		The authority controlling people entering a country.
	enumeration	6
		The authority with responsibility for checking the validity of the health declaration of a vessel and for declaring free pratique.
	enumeration	7
		Organization keeping watch on shipping and coastal waters according to governmental law; normally the authority with responsibility for search and rescue.
	enumeration	8
		The authority with responsibility for preventing infection of the agriculture of a country and for the protection of the agricultural interests of a country.
	enumeration	9
		A military authority which provides control of access to or approval for transit through designated areas or airspace.
	enumeration	10
		A private or publicly owned company or commercial enterprise which exercises control of facilities, for example a calibration area.

	enumeration	11	A governmental or military force with jurisdiction in territorial waters. Examples could include Gendarmerie Maritime, Carabinierie, and Guardia Civil.
	enumeration	12	An authority with responsibility for the protection of the environment.
	enumeration	13	An authority with responsibility for the control of fisheries.
	enumeration	14	An authority with responsibility for the control and movement of money.
	enumeration	15	A national or regional authority charged with administration of maritime affairs.
	enumeration	16	The agency or establishment for collecting duties, tolls.
	enumeration	0	
Used by	Attribute	Authority_categoryOfAuthorityType/@code	

Simple Type sourceIndication_categoryOfAuthorityLabel

Namespace	http://www.ihc.int/S131/2.0																															
Annotations	Restricted values of sourceIndication/categoryOfAuthority																															
Diagram	<p>sourceIndication_categoryOfAuthorityLabel → xs:string</p> <p>Restricted values of sourceIndication/categoryOfAuthority</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>																															
Type	restriction of xs:string																															
Facets	<table> <tr><td>enumeration</td><td>Border Control</td></tr> <tr><td>enumeration</td><td>Police</td></tr> <tr><td>enumeration</td><td>Port</td></tr> <tr><td>enumeration</td><td>Immigration</td></tr> <tr><td>enumeration</td><td>Health</td></tr> <tr><td>enumeration</td><td>Coast Guard</td></tr> <tr><td>enumeration</td><td>Agricultural</td></tr> <tr><td>enumeration</td><td>Military</td></tr> <tr><td>enumeration</td><td>Private Company</td></tr> <tr><td>enumeration</td><td>Maritime Police</td></tr> <tr><td>enumeration</td><td>Environmental</td></tr> <tr><td>enumeration</td><td>Fishery</td></tr> <tr><td>enumeration</td><td>Finance</td></tr> <tr><td>enumeration</td><td>Maritime</td></tr> <tr><td>enumeration</td><td>Customs</td></tr> </table>		enumeration	Border Control	enumeration	Police	enumeration	Port	enumeration	Immigration	enumeration	Health	enumeration	Coast Guard	enumeration	Agricultural	enumeration	Military	enumeration	Private Company	enumeration	Maritime Police	enumeration	Environmental	enumeration	Fishery	enumeration	Finance	enumeration	Maritime	enumeration	Customs
enumeration	Border Control																															
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enumeration	Customs																															
Used by	Complex Type	sourceIndication_categoryOfAuthorityType																														

Simple Type sourceIndication_categoryOfAuthorityCode

Namespace	http://www.ihc.int/S131/2.0							
Annotations	Restricted values of sourceIndication/categoryOfAuthority							
Diagram	<p>sourceIndication_categoryOfAuthorityCode → xs:integer</p> <p>Restricted values of sourceIndication/categoryOfAuthority</p> <p>Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...</p>							
Type	restriction of xs:integer							
Facets	<table> <tr><td>enumeration</td><td>2</td><td>The administration to prevent or detect and prosecute violations of rules and regulations at international boundaries.</td></tr> <tr><td>enumeration</td><td>3</td><td>The department of government, or civil force, charged with maintaining public order.</td></tr> </table>		enumeration	2	The administration to prevent or detect and prosecute violations of rules and regulations at international boundaries.	enumeration	3	The department of government, or civil force, charged with maintaining public order.
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enumeration	9	A military authority which provides control of access to or approval for transit through designated areas or airspace.
enumeration	10	A private or publicly owned company or commercial enterprise which exercises control of facilities, for example a calibration area.
enumeration	11	A governmental or military force with jurisdiction in territorial waters. Examples could include Gendarmerie Maritime, Carabinierie, and Guardia Civil.
enumeration	12	An authority with responsibility for the protection of the environment.
enumeration	13	An authority with responsibility for the control of fisheries.
enumeration	14	An authority with responsibility for the control and movement of money.
enumeration	15	A national or regional authority charged with administration of maritime affairs.
enumeration	16	The agency or establishment for collecting duties, tolls.
Used by	Attribute	sourceIndication_categoryOfAuthorityType/@code

Simple Type categoryOfBerthLocationLabel

Namespace	http://www.ihc.int/S131/2.0		
Annotations	Classification of a berth according to the method of describing its location or extent.		
Diagram	<pre> classDiagram class categoryOfBerthLocationLabel { attribute xs:string } xs:string < -- categoryOfBerthLocationLabel </pre> <p>Classification of a berth according to the method of describing its location or extent.</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>		
Type	restriction of xs:string		
Facets	enumeration	Wharf Reference Metre Mark	1: A wharf or quay with reference position(s) given by one or more metre marks.
	enumeration	Wharf Reference Position	2: A wharf or quay with reference position(s) given by one or more point or points in geographic coordinates.
	enumeration	Pier (Jetty)	3: A long, narrow structure extending into the water to afford a berthing place for vessels, to serve as a promenade, etc.
	enumeration	Multi-Buoy Mooring Berth	4: A designated facility where a vessel may moor, usually by a combination of the mooring buoys and the ship's anchors.
Used by	Complex Type	categoryOfBerthLocationType	

Simple Type categoryOfBerthLocationCode

Namespace	http://www.ihc.int/S131/2.0
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Annotations	Classification of a berth according to the method of describing its location or extent.		
Diagram	<p>Classification of a berth according to the method of describing its location or extent.</p> <p>Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...</p>		
Type	restriction of xs:integer		
Facets	enumeration	1	A wharf or quay with reference position(s) given by one or more metre marks.
	enumeration	2	A wharf or quay with reference position(s) given by one or more point or points in geographic coordinates.
	enumeration	3	A long, narrow structure extending into the water to afford a berthing place for vessels, to serve as a promenade, etc.
	enumeration	4	A designated facility where a vessel may moor, usually by a combination of the mooring buoys and the ship's anchors.
Used by	Attribute	categoryOfBerthLocationType/@code	

Simple Type Berth_categoryOfBerthLocationLabel

Namespace	http://www.ihoint/S131/2.0		
Annotations	Custom enum: Berth/categoryOfBerthLocation		
Diagram	<p>Custom enum: Berth/categoryOfBerthLocation</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>		
Type	restriction of xs:string		
Facets	enumeration	Wharf Reference Metre Mark	
	enumeration	Wharf Reference Position	
	enumeration	Pier (Jetty)	
	enumeration	Multi-Buoy Mooring Berth	
Used by	Complex Type	Berth_categoryOfBerthLocationType	

Simple Type Berth_categoryOfBerthLocationCode

Namespace	http://www.ihoint/S131/2.0		
Annotations	Custom enum: Berth/categoryOfBerthLocation		
Diagram	<p>Custom enum: Berth/categoryOfBerthLocation</p> <p>Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...</p>		
Type	restriction of xs:integer		
Facets	enumeration	1	A wharf or quay with reference position(s) given by one or more metre marks.
	enumeration	2	A wharf or quay with reference position(s) given by one or more point or points in geographic coordinates.
	enumeration	3	A long, narrow structure extending into the water to afford a berthing place for vessels, to serve as a promenade, etc.
	enumeration	4	A designated facility where a vessel may moor, usually by a combination of the mooring buoys and the ship's anchors.
Used by	Attribute	Berth_categoryOfBerthLocationType/@code	

Simple Type categoryOfCargoLabel

Namespace	http://www.ihoint/S131/2.0		
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Annotations	Classification of the different types of cargo that a ship may be carrying.		
Diagram	<p>Diagram illustrating the schema definition:</p> <pre> graph LR categoryOfCargoLabel[categoryOfCargoLabel] --> xsString[xs:string] </pre> <p>Annotations:</p> <ul style="list-style-type: none"> Classification of the different types of cargo that a ship may be carrying. Built-in primitive type. The string datatype represents character strings in XML. 		
Type	restriction of xs:string		
Facets	enumeration	Bulk	1: Unpacked homogenous cargo poured loose in a certain space of a vessel, for example oil or grain.
	enumeration	Container	2: One of a number of standard sized cargo carrying units, secured using standard corner attachments and bar.
	enumeration	General	3: Break bulk cargo normally loaded by crane.
	enumeration	Liquid	4: Any cargo loaded by pipeline.
	enumeration	Passenger	5: A fee paying traveller.
	enumeration	Livestock	6: Live animals carried in bulk.
	enumeration	Dangerous or Hazardous	7: Dangerous or hazardous cargo as described by the IMO International Maritime Dangerous Goods code.
	enumeration	Heavy Lift	8: Indivisible heavy items of weight generally over 100 tons, and width or height greater than 100 metres.
	enumeration	Ballast	9: Material carried by a ship to ensure its stability.
	enumeration	Dry Bulk Cargo	10: Commodity cargo that is transported unpackaged in large quantities. These types of goods usually need to be kept dry during the whole transportation period.
	enumeration	Liquid Bulk Cargo	11: Liquids or gases that are transported in bulk and carried unpackaged.
	enumeration	Reefer Container Cargo	12: Cargo transported in refrigerated containers, generally perishable commodities which require temperature-controlled transportation, such as fruit, meat, fish, vegetables, dairy products and other foods.
	enumeration	Ro-Ro Cargo	13: Wheeled cargo, such as cars, busses, trucks, agricultural vehicles and cranes, that are driven on and off the ship on their own wheels or using a platform vehicle, such as a self-propelled modular transporter.
	enumeration	Project Cargo	14: Project cargo is a term used to broadly describe the national or international transportation of large, heavy, high value, or critical (to the project they are intended for) pieces of equipment. Also commonly referred to as heavy lift, this includes shipments made of various components which need disassembly for shipment and reassembly after delivery.
	enumeration	Break Bulk Cargo	15: Goods that are stowed on board ship in individually counted units, and not in intermodal containers nor in bulk as with oil or grain.
Used by	Complex Type	categoryOfCargoType	

Simple Type categoryOfCargoCode

Namespace	http://www.oho.int/S131/2.0		
Annotations	Classification of the different types of cargo that a ship may be carrying.		
Diagram	<p>Diagram illustrating the schema definition:</p> <pre> graph LR categoryOfCargoCode[categoryOfCargoCode] --> xsInteger[xs:integer] </pre> <p>Annotations:</p> <ul style="list-style-type: none"> Classification of the different types of cargo that a ship may be carrying. Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This... 		
Type	restriction of xs:integer		
Facets	enumeration	1	Unpacked homogenous cargo poured loose in a certain space of a vessel, for example oil or grain.

enumeration	2	One of a number of standard sized cargo carrying units, secured using standard corner attachments and bar.
enumeration	3	Break bulk cargo normally loaded by crane.
enumeration	4	Any cargo loaded by pipeline.
enumeration	5	A fee paying traveller.
enumeration	6	Live animals carried in bulk.
enumeration	7	Dangerous or hazardous cargo as described by the IMO International Maritime Dangerous Goods code.
enumeration	8	Indivisible heavy items of weight generally over 100 tons, and width or height greater than 100 metres.
enumeration	9	Material carried by a ship to ensure its stability.
enumeration	10	Commodity cargo that is transported unpackaged in large quantities. These types of goods usually need to be kept dry during the whole transportation period.
enumeration	11	Liquids or gases that are transported in bulk and carried unpackaged.
enumeration	12	Cargo transported in refrigerated containers, generally perishable commodities which require temperature-controlled transportation, such as fruit, meat, fish, vegetables, dairy products and other foods.
enumeration	13	Wheeled cargo, such as cars, busses, trucks, agricultural vehicles and cranes, that are driven on and off the ship on their own wheels or using a platform vehicle, such as a self-propelled modular transporter.
enumeration	14	Project cargo is a term used to broadly describe the national or international transportation of large, heavy, high value, or critical (to the project they are intended for) pieces of equipment. Also commonly referred to as heavy lift, this includes shipments made of various components which need disassembly for shipment and reassembly after delivery.
enumeration	15	Goods that are stowed on board ship in individually counted units, and not in intermodal containers nor in bulk as with oil or grain.
Used by	Attribute	categoryOfCargoType/@code

Simple Type Applicability_categoryOfCargoLabel

Namespace	http://www.ihc.int/S131/2.0																					
Annotations	Custom enum: Applicability/categoryOfCargo																					
Diagram	<p>Custom enum: Applicability/categoryOfCargo</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>																					
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Facets	<table border="1"> <tr> <td>enumeration</td> <td>Container</td> </tr> <tr> <td>enumeration</td> <td>Passenger</td> </tr> <tr> <td>enumeration</td> <td>Livestock</td> </tr> <tr> <td>enumeration</td> <td>Dangerous or Hazardous</td> </tr> <tr> <td>enumeration</td> <td>Heavy Lift</td> </tr> <tr> <td>enumeration</td> <td>Dry Bulk Cargo</td> </tr> <tr> <td>enumeration</td> <td>Liquid Bulk Cargo</td> </tr> <tr> <td>enumeration</td> <td>Reefer Container Cargo</td> </tr> <tr> <td>enumeration</td> <td>Ro-Ro Cargo</td> </tr> <tr> <td>enumeration</td> <td>Project Cargo</td> </tr> </table>		enumeration	Container	enumeration	Passenger	enumeration	Livestock	enumeration	Dangerous or Hazardous	enumeration	Heavy Lift	enumeration	Dry Bulk Cargo	enumeration	Liquid Bulk Cargo	enumeration	Reefer Container Cargo	enumeration	Ro-Ro Cargo	enumeration	Project Cargo
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enumeration	Reefer Container Cargo																					
enumeration	Ro-Ro Cargo																					
enumeration	Project Cargo																					

	enumeration	Break Bulk Cargo
Used by	Complex Type	Applicability_categoryOfCargoType

Simple Type Applicability_categoryOfCargoCode

Namespace	http://www.ihc.int/S131/2.0																																		
Annotations	Custom enum: Applicability/categoryOfCargo																																		
Diagram	<p>Applicability_categoryOfCargoCode is a custom enum derived from xs:integer. It includes annotations: 'Custom enum: Applicability/categoryOfCargo' and 'Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...'.</p>																																		
Type	restriction of xs:integer																																		
Facets	<table border="1"> <tr> <td>enumeration</td> <td>2</td> <td>One of a number of standard sized cargo carrying units, secured using standard corner attachments and bar.</td> </tr> <tr> <td>enumeration</td> <td>5</td> <td>A fee paying traveller.</td> </tr> <tr> <td>enumeration</td> <td>6</td> <td>Live animals carried in bulk.</td> </tr> <tr> <td>enumeration</td> <td>7</td> <td>Dangerous or hazardous cargo as described by the IMO International Maritime Dangerous Goods code.</td> </tr> <tr> <td>enumeration</td> <td>8</td> <td>Indivisible heavy items of weight generally over 100 tons, and width or height greater than 100 metres.</td> </tr> <tr> <td>enumeration</td> <td>10</td> <td>Commodity cargo that is transported unpackaged in large quantities. These types of goods usually need to be kept dry during the whole transportation period.</td> </tr> <tr> <td>enumeration</td> <td>11</td> <td>Liquids or gases that are transported in bulk and carried unpackaged.</td> </tr> <tr> <td>enumeration</td> <td>12</td> <td>Cargo transported in refrigerated containers, generally perishable commodities which require temperature-controlled transportation, such as fruit, meat, fish, vegetables, dairy products and other foods.</td> </tr> <tr> <td>enumeration</td> <td>13</td> <td>Wheeled cargo, such as cars, busses, trucks, agricultural vehicles and cranes, that are driven on and off the ship on their own wheels or using a platform vehicle, such as a self-propelled modular transporter.</td> </tr> <tr> <td>enumeration</td> <td>14</td> <td>Project cargo is a term used to broadly describe the national or international transportation of large, heavy, high value, or critical (to the project they are intended for) pieces of equipment. Also commonly referred to as heavy lift, this includes shipments made of various components which need disassembly for shipment and reassembly after delivery.</td> </tr> <tr> <td>enumeration</td> <td>15</td> <td>Goods that are stowed on board ship in individually counted units, and not in intermodal containers nor in bulk as with oil or grain.</td> </tr> </table>		enumeration	2	One of a number of standard sized cargo carrying units, secured using standard corner attachments and bar.	enumeration	5	A fee paying traveller.	enumeration	6	Live animals carried in bulk.	enumeration	7	Dangerous or hazardous cargo as described by the IMO International Maritime Dangerous Goods code.	enumeration	8	Indivisible heavy items of weight generally over 100 tons, and width or height greater than 100 metres.	enumeration	10	Commodity cargo that is transported unpackaged in large quantities. These types of goods usually need to be kept dry during the whole transportation period.	enumeration	11	Liquids or gases that are transported in bulk and carried unpackaged.	enumeration	12	Cargo transported in refrigerated containers, generally perishable commodities which require temperature-controlled transportation, such as fruit, meat, fish, vegetables, dairy products and other foods.	enumeration	13	Wheeled cargo, such as cars, busses, trucks, agricultural vehicles and cranes, that are driven on and off the ship on their own wheels or using a platform vehicle, such as a self-propelled modular transporter.	enumeration	14	Project cargo is a term used to broadly describe the national or international transportation of large, heavy, high value, or critical (to the project they are intended for) pieces of equipment. Also commonly referred to as heavy lift, this includes shipments made of various components which need disassembly for shipment and reassembly after delivery.	enumeration	15	Goods that are stowed on board ship in individually counted units, and not in intermodal containers nor in bulk as with oil or grain.
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enumeration	15	Goods that are stowed on board ship in individually counted units, and not in intermodal containers nor in bulk as with oil or grain.																																	
Used by	Attribute Applicability_categoryOfCargoType/@code																																		

Simple Type AnchorBerth_categoryOfCargoLabel

Namespace	http://www.ihc.int/S131/2.0					
Annotations	Custom enum: AnchorBerth/categoryOfCargo					
Diagram	<p>AnchorBerth_categoryOfCargoLabel is a custom enum derived from xs:string. It includes annotations: 'Custom enum: AnchorBerth/categoryOfCargo' and 'Built-in primitive type. The string datatype represents character strings in XML.'</p>					
Type	restriction of xs:string					
Facets	<table border="1"> <tr> <td>enumeration</td> <td>Bulk</td> </tr> <tr> <td>enumeration</td> <td>Container</td> </tr> </table>		enumeration	Bulk	enumeration	Container
enumeration	Bulk					
enumeration	Container					

enumeration	General
enumeration	Liquid
enumeration	Passenger
enumeration	Livestock
enumeration	Dangerous or Hazardous
enumeration	Heavy Lift
enumeration	Ballast
enumeration	Dry Bulk Cargo
enumeration	Liquid Bulk Cargo
enumeration	Reefer Container Cargo
enumeration	Ro-Ro Cargo
enumeration	Project Cargo
enumeration	Break Bulk Cargo
Used by	Complex Type AnchorBerth_categoryOfCargoType

Simple Type AnchorBerth_categoryOfCargoCode

Namespace	http://www.ihc.int/S131/2.0																																											
Annotations	Custom enum: AnchorBerth/categoryOfCargo																																											
Diagram	<p>Custom enum: AnchorBerth/categoryOfCargo</p> <p>Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...</p>																																											
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Facets	<table border="1"> <tr> <td>enumeration</td> <td>1</td> <td>Unpacked homogenous cargo poured loose in a certain space of a vessel, for example oil or grain.</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>One of a number of standard sized cargo carrying units, secured using standard corner attachments and bar.</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>Break bulk cargo normally loaded by crane.</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>Any cargo loaded by pipeline.</td> </tr> <tr> <td>enumeration</td> <td>5</td> <td>A fee paying traveller.</td> </tr> <tr> <td>enumeration</td> <td>6</td> <td>Live animals carried in bulk.</td> </tr> <tr> <td>enumeration</td> <td>7</td> <td>Dangerous or hazardous cargo as described by the IMO International Maritime Dangerous Goods code.</td> </tr> <tr> <td>enumeration</td> <td>8</td> <td>Indivisible heavy items of weight generally over 100 tons, and width or height greater than 100 metres.</td> </tr> <tr> <td>enumeration</td> <td>9</td> <td>Material carried by a ship to ensure its stability.</td> </tr> <tr> <td>enumeration</td> <td>10</td> <td>Commodity cargo that is transported unpackaged in large quantities. These types of goods usually need to be kept dry during the whole transportation period.</td> </tr> <tr> <td>enumeration</td> <td>11</td> <td>Liquids or gases that are transported in bulk and carried unpackaged.</td> </tr> <tr> <td>enumeration</td> <td>12</td> <td>Cargo transported in refrigerated containers, generally perishable commodities which require temperature-controlled transportation, such as fruit, meat, fish, vegetables, dairy products and other foods.</td> </tr> <tr> <td>enumeration</td> <td>13</td> <td>Wheeled cargo, such as cars, busses, trucks, agricultural vehicles and cranes, that are driven on and off the ship on their own wheels or using a platform vehicle, such as a self-propelled modular transporter.</td> </tr> <tr> <td>enumeration</td> <td>14</td> <td>Project cargo is a term used to broadly describe the national or international transportation of large, heavy, high value, or critical (to</td> </tr> </table>		enumeration	1	Unpacked homogenous cargo poured loose in a certain space of a vessel, for example oil or grain.	enumeration	2	One of a number of standard sized cargo carrying units, secured using standard corner attachments and bar.	enumeration	3	Break bulk cargo normally loaded by crane.	enumeration	4	Any cargo loaded by pipeline.	enumeration	5	A fee paying traveller.	enumeration	6	Live animals carried in bulk.	enumeration	7	Dangerous or hazardous cargo as described by the IMO International Maritime Dangerous Goods code.	enumeration	8	Indivisible heavy items of weight generally over 100 tons, and width or height greater than 100 metres.	enumeration	9	Material carried by a ship to ensure its stability.	enumeration	10	Commodity cargo that is transported unpackaged in large quantities. These types of goods usually need to be kept dry during the whole transportation period.	enumeration	11	Liquids or gases that are transported in bulk and carried unpackaged.	enumeration	12	Cargo transported in refrigerated containers, generally perishable commodities which require temperature-controlled transportation, such as fruit, meat, fish, vegetables, dairy products and other foods.	enumeration	13	Wheeled cargo, such as cars, busses, trucks, agricultural vehicles and cranes, that are driven on and off the ship on their own wheels or using a platform vehicle, such as a self-propelled modular transporter.	enumeration	14	Project cargo is a term used to broadly describe the national or international transportation of large, heavy, high value, or critical (to
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		the project they are intended for) pieces of equipment. Also commonly referred to as heavy lift, this includes shipments made of various components which need disassembly for shipment and reassembly after delivery.
	enumeration 15	Goods that are stowed on board ship in individually counted units, and not in intermodal containers nor in bulk as with oil or grain.
Used by	Attribute	AnchorBerth_categoryOfCargoType/@code

Simple Type AnchorageArea_categoryOfCargoLabel

Namespace	http://www.oho.int/S131/2.0																															
Annotations	Custom enum: AnchorageArea/categoryOfCargo																															
Diagram	<pre> classDiagram class AnchorageArea_categoryOfCargoLabel { <<Custom enum: AnchorageArea/categoryOfCargo>> } class xs_string { <<Built-in primitive type. The string datatype represents character strings in XML.>> } AnchorageArea_categoryOfCargoLabel "1" -- "0..1" xs_string </pre>																															
Type	restriction of xs:string																															
Facets	<table border="1"> <tr><td>enumeration</td><td>Bulk</td></tr> <tr><td>enumeration</td><td>Container</td></tr> <tr><td>enumeration</td><td>General</td></tr> <tr><td>enumeration</td><td>Liquid</td></tr> <tr><td>enumeration</td><td>Passenger</td></tr> <tr><td>enumeration</td><td>Livestock</td></tr> <tr><td>enumeration</td><td>Dangerous or Hazardous</td></tr> <tr><td>enumeration</td><td>Heavy Lift</td></tr> <tr><td>enumeration</td><td>Ballast</td></tr> <tr><td>enumeration</td><td>Dry Bulk Cargo</td></tr> <tr><td>enumeration</td><td>Liquid Bulk Cargo</td></tr> <tr><td>enumeration</td><td>Reefer Container Cargo</td></tr> <tr><td>enumeration</td><td>Ro-Ro Cargo</td></tr> <tr><td>enumeration</td><td>Project Cargo</td></tr> <tr><td>enumeration</td><td>Break Bulk Cargo</td></tr> </table>		enumeration	Bulk	enumeration	Container	enumeration	General	enumeration	Liquid	enumeration	Passenger	enumeration	Livestock	enumeration	Dangerous or Hazardous	enumeration	Heavy Lift	enumeration	Ballast	enumeration	Dry Bulk Cargo	enumeration	Liquid Bulk Cargo	enumeration	Reefer Container Cargo	enumeration	Ro-Ro Cargo	enumeration	Project Cargo	enumeration	Break Bulk Cargo
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Used by	Complex Type	AnchorageArea_categoryOfCargoType																														

Simple Type AnchorageArea_categoryOfCargoCode

Namespace	http://www.oho.int/S131/2.0																			
Annotations	Custom enum: AnchorageArea/categoryOfCargo																			
Diagram	<pre> classDiagram class AnchorageArea_categoryOfCargoCode { <<Custom enum: AnchorageArea/categoryOfCargo>> } class xs_integer { <<Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...>> } AnchorageArea_categoryOfCargoCode "1" -- "0..1" xs_integer </pre>																			
Type	restriction of xs:integer																			
Facets	<table border="1"> <tr><td>enumeration</td><td>1</td><td>Unpacked homogenous cargo poured loose in a certain space of a vessel, for example oil or grain.</td></tr> <tr><td>enumeration</td><td>2</td><td>One of a number of standard sized cargo carrying units, secured using standard corner attachments and bar.</td></tr> <tr><td>enumeration</td><td>3</td><td>Break bulk cargo normally loaded by crane.</td></tr> <tr><td>enumeration</td><td>4</td><td>Any cargo loaded by pipeline.</td></tr> <tr><td>enumeration</td><td>5</td><td>A fee paying traveller.</td></tr> <tr><td>enumeration</td><td>6</td><td>Live animals carried in bulk.</td></tr> </table>		enumeration	1	Unpacked homogenous cargo poured loose in a certain space of a vessel, for example oil or grain.	enumeration	2	One of a number of standard sized cargo carrying units, secured using standard corner attachments and bar.	enumeration	3	Break bulk cargo normally loaded by crane.	enumeration	4	Any cargo loaded by pipeline.	enumeration	5	A fee paying traveller.	enumeration	6	Live animals carried in bulk.
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	enumeration	15	Goods that are stowed on board ship in individually counted units, and not in intermodal containers nor in bulk as with oil or grain.
Used by	Attribute	AnchorageArea_categoryOfCargoType/@code	

Simple Type Berth_categoryOfCargoLabel

Namespace	http://www.ihoint/S131/2.0																															
Annotations	Custom enum: Berth/categoryOfCargo																															
Diagram	<pre> classDiagram class Berth_categoryOfCargoLabel { <<Custom enum: Berth/categoryOfCargo>> } class xsString { <<Built-in primitive type. The string datatype represents character strings in XML.>> } Berth_categoryOfCargoLabel "1" -- "1" xsString </pre>																															
Type	restriction of xs:string																															
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enumeration	Break Bulk Cargo																															

Used by	Complex Type	Berth_categoryOfCargoType
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Simple Type Berth_categoryOfCargoCode

Namespace	http://www.oho.int/S131/2.0																																														
Annotations	Custom enum: Berth/categoryOfCargo																																														
Diagram	<p>The diagram illustrates the derivation of the Berth_categoryOfCargoCode type. It shows a rounded rectangle labeled 'Berth_categoryOfCargoCode' connected by a line with a hollow circle to another rounded rectangle labeled 'xs:integer'. A callout box below 'Berth_categoryOfCargoCode' is labeled 'Custom enum: Berth/categoryOfCargo'. A callout box below 'xs:integer' contains the text: 'Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...'.</p>																																														
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Used by	Attribute	Berth_categoryOfCargoType/@code																																													

Simple Type Terminal_categoryOfCargoLabel

Namespace	http://www.oho.int/S131/2.0	
Annotations	Custom enum: Terminal/categoryOfCargo	
Diagram	<p>The diagram illustrates the derivation of the Terminal_categoryOfCargoLabel type. It shows a rounded rectangle labeled 'Terminal_categoryOfCargoLabel' connected by a line with a hollow circle to another rounded rectangle labeled 'xs:string'. A callout box below 'Terminal_categoryOfCargoLabel' is labeled 'Custom enum: Terminal/categoryOfCargo'. A callout box below 'xs:string' contains the text: 'Built-in primitive type. The string datatype represents character strings in XML.'</p>	

Type	restriction of xs:string	
Facets	enumeration	General
	enumeration	Liquid
	enumeration	Livestock
	enumeration	Dangerous or Hazardous
	enumeration	Heavy Lift
	enumeration	Dry Bulk Cargo
	enumeration	Liquid Bulk Cargo
	enumeration	Reefer Container Cargo
	enumeration	Project Cargo
	enumeration	Break Bulk Cargo
Used by	Complex Type	Terminal_categoryOfCargoType

Simple Type Terminal_categoryOfCargoCode

Namespace	http://www.oho.int/S131/2.0		
Annotations	Custom enum: Terminal/categoryOfCargo		
Diagram	<p>The diagram illustrates the derivation of the Terminal_categoryOfCargoCode type. It shows a purple rounded rectangle labeled "Terminal_categoryOfCargoCode" connected by a line with an open circle to a purple rounded rectangle labeled "xs:integer". A callout box below "Terminal_categoryOfCargoCode" is labeled "Custom enum: Terminal/categoryOfCargo". A callout box below "xs:integer" is labeled "Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...".</p>		
Type	restriction of xs:integer		
Facets	enumeration	3	
	enumeration	4	Break bulk cargo normally loaded by crane.
	enumeration	6	Any cargo loaded by pipeline.
	enumeration	7	Live animals carried in bulk.
	enumeration	8	Dangerous or hazardous cargo as described by the IMO International Maritime Dangerous Goods code.
	enumeration	10	Indivisible heavy items of weight generally over 100 tons, and width or height greater than 100 metres.
	enumeration	11	Commodity cargo that is transported unpackaged in large quantities. These types of goods usually need to be kept dry during the whole transportation period.
	enumeration	12	Liquids or gases that are transported in bulk and carried unpackaged.
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Used by	Attribute	Terminal_categoryOfCargoType/@code	

Simple Type categoryOfCommunicationPreferenceLabel

Namespace	http://www.oho.int/S131/2.0
Annotations	Classification of frequencies, VHF channels, telephone numbers, or other means of communication based on preference.

Diagram	<p><code>categoryOfCommunicationPreferenceLabel</code> is a restriction of <code>xs:string</code>. Classification of frequencies, VHF channels, telephone numbers, or other means of communication based on preference.</p> <p><code>xs:string</code> is a built-in primitive type. The string datatype represents character strings in XML.</p>		
Type	restriction of <code>xs:string</code>		
Facets	enumeration	Preferred Calling	1: The first choice channel or frequency to be used when calling a radio station.
	enumeration	Alternate Calling	2: A channel or frequency to be used for calling a radio station when the preferred channel or frequency is busy or is suffering from interference.
	enumeration	Preferred Working	3: The first choice channel or frequency to be used when working with a radio station.
	enumeration	Alternate Working	4: A channel or frequency to be used for working with a radio station when the preferred working channel or frequency is busy or is suffering from interference.
Used by	Complex Type	<code>categoryOfCommunicationPreferenceType</code>	

Simple Type `categoryOfCommunicationPreferenceCode`

Namespace	http://www.ih0.int/S131/2.0		
Annotations	Classification of frequencies, VHF channels, telephone numbers, or other means of communication based on preference.		
Diagram	<p><code>categoryOfCommunicationPreferenceCode</code> is a restriction of <code>xs:integer</code>. Classification of frequencies, VHF channels, telephone numbers, or other means of communication based on preference.</p> <p><code>xs:integer</code> is a built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...</p>		
Type	restriction of <code>xs:integer</code>		
Facets	enumeration	1	The first choice channel or frequency to be used when calling a radio station.
	enumeration	2	A channel or frequency to be used for calling a radio station when the preferred channel or frequency is busy or is suffering from interference.
	enumeration	3	The first choice channel or frequency to be used when working with a radio station.
	enumeration	4	A channel or frequency to be used for working with a radio station when the preferred working channel or frequency is busy or is suffering from interference.
Used by	Attribute	<code>categoryOfCommunicationPreferenceType/@code</code>	

Simple Type `ContactDetails_categoryOfCommunicationPreferenceLabel`

Namespace	http://www.ih0.int/S131/2.0		
Annotations	Custom enum: ContactDetails/categoryOfCommunicationPreference		
Diagram	<p><code>ContactDetails_categoryOfCommunicationPreferenceLabel</code> is a restriction of <code>xs:string</code>. Custom enum: ContactDetails/categoryOfCommunicationPreference</p> <p><code>xs:string</code> is a built-in primitive type. The string datatype represents character strings in XML.</p>		
Type	restriction of <code>xs:string</code>		
Facets	enumeration	Preferred Calling	
	enumeration	Alternate Calling	
	enumeration	Preferred Working	
	enumeration	Alternate Working	
Used by	Complex Type	<code>ContactDetails_categoryOfCommunicationPreferenceType</code>	

Simple Type ContactDetails_categoryOfCommunicationPreferenceCode

Namespace	http://www.aho.int/S131/2.0	
Annotations	Custom enum: ContactDetails/categoryOfCommunicationPreference	
Diagram	<p>The diagram shows a rounded rectangle labeled "ContactDetails_categoryOfCommunicationPreferenceCode" connected by a line with an open circle to another rounded rectangle labeled "xs:integer". A callout box under "ContactDetails_categoryOfCommunicationPreferenceCode" points to "Custom enum: ContactDetails/categoryOfCommunicationPreference". A callout box under "xs:integer" points to "Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...".</p>	
Type	restriction of xs:integer	
Facets	enumeration	1
		The first choice channel or frequency to be used when calling a radio station.
	enumeration	2
		A channel or frequency to be used for calling a radio station when the preferred channel or frequency is busy or is suffering from interference.
	enumeration	3
		The first choice channel or frequency to be used when working with a radio station.
	enumeration	4
		A channel or frequency to be used for working with a radio station when the preferred working channel or frequency is busy or is suffering from interference.
Used by	Attribute	ContactDetails_categoryOfCommunicationPreferenceType/@code

Simple Type telecommunications_categoryOfCommunicationPreferenceLabel

Namespace	http://www.aho.int/S131/2.0	
Annotations	Restricted values of telecommunications/categoryOfCommunicationPreference	
Diagram	<p>The diagram shows a rounded rectangle labeled "telecommunications_categoryOfCommunicationPreferenceLabel" connected by a line with an open circle to another rounded rectangle labeled "xs:string". A callout box under "telecommunications_categoryOfCommunicationPreferenceLabel" points to "Restricted values of telecommunications/categoryOfCommunicationPreference". A callout box under "xs:string" points to "Built-in primitive type. The string datatype represents character strings in XML."</p>	
Type	restriction of xs:string	
Facets	enumeration	Preferred Calling
	enumeration	Alternate Calling
	enumeration	Preferred Working
	enumeration	Alternate Working
Used by	Complex Type	telecommunications_categoryOfCommunicationPreferenceType

Simple Type telecommunications_categoryOfCommunicationPreferenceCode

Namespace	http://www.aho.int/S131/2.0	
Annotations	Restricted values of telecommunications/categoryOfCommunicationPreference	
Diagram	<p>The diagram shows a rounded rectangle labeled "telecommunications_categoryOfCommunicationPreferenceCode" connected by a line with an open circle to another rounded rectangle labeled "xs:integer". A callout box under "telecommunications_categoryOfCommunicationPreferenceCode" points to "Restricted values of telecommunications/categoryOfCommunicationPreference". A callout box under "xs:integer" points to "Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...".</p>	
Type	restriction of xs:integer	
Facets	enumeration	1
		The first choice channel or frequency to be used when calling a radio station.
	enumeration	2
		A channel or frequency to be used for calling a radio station when the preferred channel or frequency is busy or is suffering from interference.
	enumeration	3
		The first choice channel or frequency to be used when working with a radio station.
	enumeration	4
		A channel or frequency to be used for working with a radio station when the preferred working channel or frequency is busy or is suffering from interference.
Used by	Attribute	telecommunications_categoryOfCommunicationPreferenceType/@code

Simple Type categoryOfDangerousOrHazardousCargoLabel

Namespace	http://www.oho.int/S131/2.0																																																																
Annotations	Classification of dangerous goods or hazardous materials based on the International Maritime Dangerous Goods Code (IMDG Code).																																																																
Diagram	<p>The diagram shows a UML class named 'categoryOfDangerousOrHazardousCargoLabel' with a directed association line pointing to the right, labeled 'xs:string'. A callout box below the class name states: 'Classification of dangerous goods or hazardous materials based on the International Maritime Dangerous Goods Code (IMDG...)' and another box to the right states: 'Built-in primitive type. The string datatype represents character strings in XML.'</p>																																																																
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Packaged form is defined as the forms of containment specified for harmful substances in the IMDG Code.</td> </tr> </table>		enumeration	IMDG Code Class 1 Div. 1.1	1: Explosives, Division 1: Substances and articles which have a mass explosion hazard.	enumeration	IMDG Code Class 1 Div. 1.2	2: Explosives, Division 2: Substances and articles which have a projection hazard but not a mass explosion hazard.	enumeration	IMDG Code Class 1 Div. 1.3	3: Explosives, Division 3: Substances and articles which have a fire hazard and either a minor blast hazard or a minor projection hazard or both, but not a mass explosion hazard.	enumeration	IMDG Code Class 1 Div. 1.4	4: Explosives, Division 4: Substances and articles which present no significant hazard.	enumeration	IMDG Code Class 1 Div. 1.5	5: Explosives, Division 5: Very insensitive substances which have a mass explosion hazard.	enumeration	IMDG Code Class 1 Div. 1.6	6: Explosives, Division 6: Extremely insensitive articles which do not have a mass explosion hazard.	enumeration	IMDG Code Class 2 Div. 2.1	7: Gases, flammable gases.	enumeration	IMDG Code Class 2 Div. 2.2	8: Gases, non-flammable, non-toxic gases.	enumeration	IMDG Code Class 2 Div. 2.3	9: Gases, toxic gases.	enumeration	IMDG Code Class 3	10: Flammable liquids.	enumeration	IMDG Code Class 4 Div. 4.1	11: Flammable solids, self-reactive substances and desensitized explosives.	enumeration	IMDG Code Class 4 Div. 4.2	12: Substances liable to spontaneous combustion.	enumeration	IMDG Code Class 4 Div. 4.3	13: Substances which, in contact with water, emit flammable gases.	enumeration	IMDG Code Class 5 Div. 5.1	14: Oxidizing substances.	enumeration	IMDG Code Class 5 Div. 5.2	15: Organic peroxides.	enumeration	IMDG Code Class 6 Div. 6.1	16: Toxic substances.	enumeration	IMDG Code Class 6 Div. 6.2	17: Infectious substances.	enumeration	IMDG Code Class 7	18: Radioactive material.	enumeration	IMDG Code Class 8	19: Corrosive substances.	enumeration	IMDG Code Class 9	20: Miscellaneous dangerous substances and articles.		enumeration Harmful Substances in Packaged Form	21: Harmful substances are those substances which are identified as marine pollutants in the International Maritime Dangerous Goods Code (IMDG Code). 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Used by	Complex Type	categoryOfDangerousOrHazardousCargoType																																																															

Simple Type categoryOfDangerousOrHazardousCargoCode

Namespace	http://www.oho.int/S131/2.0
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Annotations	Classification of dangerous goods or hazardous materials based on the International Maritime Dangerous Goods Code (IMDG Code).	
Diagram	<p>The diagram shows a UML class named 'categoryOfDangerousOrHazardousCargoCode' with a multiplicity of 0..1. It has a directed association to another class named 'xs:integer' with a multiplicity of 0..1. A callout box for 'categoryOfDangerousOrHazardousCargoCode' states: 'Classification of dangerous goods or hazardous materials based on the International Maritime Dangerous Goods Code (IMDG...)' and a callout box for 'xs:integer' states: 'Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...'.</p>	
Type	restriction of xs:integer	
Facets	enumeration	1
		Explosives, Division 1: Substances and articles which have a mass explosion hazard.
	enumeration	2
		Explosives, Division 2: Substances and articles which have a projection hazard but not a mass explosion hazard.
	enumeration	3
		Explosives, Division 3: Substances and articles which have a fire hazard and either a minor blast hazard or a minor projection hazard or both, but not a mass explosion hazard.
	enumeration	4
		Explosives, Division 4: Substances and articles which present no significant hazard.
	enumeration	5
		Explosives, Division 5: Very insensitive substances which have a mass explosion hazard.
	enumeration	6
		Explosives, Division 6: Extremely insensitive articles which do not have a mass explosion hazard.
	enumeration	7
		Gases, flammable gases.
	enumeration	8
		Gases, non-flammable, non-toxic gases.
	enumeration	9
		Gases, toxic gases.
	enumeration	10
		Flammable liquids.
	enumeration	11
		Flammable solids, self-reactive substances and desensitized explosives.
	enumeration	12
		Substances liable to spontaneous combustion.
	enumeration	13
		Substances which, in contact with water, emit flammable gases.
	enumeration	14
		Oxidizing substances.
	enumeration	15
		Organic peroxides.
	enumeration	16
		Toxic substances.
	enumeration	17
		Infectious substances.
	enumeration	18
		Radioactive material.
	enumeration	19
		Corrosive substances.
	enumeration	20
		Miscellaneous dangerous substances and articles.
	enumeration	21
		Harmful substances are those substances which are identified as marine pollutants in the International Maritime Dangerous Goods Code (IMDG Code). Packaged form is defined as the forms of containment specified for harmful substances in the IMDG Code.
Used by	Attribute	categoryOfDangerousOrHazardousCargoType/@code

Simple Type Applicability_categoryOfDangerousOrHazardousCargoLabel

Namespace	http://www.ihc.int/S131/2.0	
Annotations	Custom enum: Applicability/categoryOfDangerousOrHazardousCargo	
Diagram	<p>The diagram shows a UML class named 'Applicability_categoryOfDangerousOrHazardousCargoLabel' with a multiplicity of 0..1. It has a directed association to another class named 'xs:string' with a multiplicity of 0..1. A callout box for 'Applicability_categoryOfDangerousOrHazardousCargoLabel' states: 'Custom enum: Applicability/categoryOfDangerousOrHazardousCargo' and a callout box for 'xs:string' states: 'Built-in primitive type. The string datatype represents character strings in XML.'</p>	
Type	restriction of xs:string	
Facets	enumeration	IMDG Code Class 1 Div. 1.1
	enumeration	IMDG Code Class 1 Div. 1.2

	enumeration	IMDG Code Class 1 Div. 1.3
	enumeration	IMDG Code Class 1 Div. 1.4
	enumeration	IMDG Code Class 1 Div. 1.5
	enumeration	IMDG Code Class 1 Div. 1.6
	enumeration	IMDG Code Class 2 Div. 2.1
	enumeration	IMDG Code Class 2 Div. 2.2
	enumeration	IMDG Code Class 2 Div. 2.3
	enumeration	IMDG Code Class 3
	enumeration	IMDG Code Class 4 Div. 4.1
	enumeration	IMDG Code Class 4 Div. 4.2
	enumeration	IMDG Code Class 4 Div. 4.3
	enumeration	IMDG Code Class 5 Div. 5.1
	enumeration	IMDG Code Class 5 Div. 5.2
	enumeration	IMDG Code Class 6 Div. 6.1
	enumeration	IMDG Code Class 6 Div. 6.2
	enumeration	IMDG Code Class 7
	enumeration	IMDG Code Class 8
	enumeration	IMDG Code Class 9
	enumeration	Harmful Substances in Packaged Form
Used by	Complex Type	Applicability_categoryOfDangerousOrHazardousCargoType

Simple Type Applicability_categoryOfDangerousOrHazardousCargoCode

Namespace	http://www.ihc.int/S131/2.0		
Annotations	Custom enum: Applicability/categoryOfDangerousOrHazardousCargo		
Diagram	<p>Custom enum: Applicability/categoryOfDangerousOrHazardousCargo</p> <p>Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...</p>		
Type	restriction of xs:integer		
Facets	enumeration	1	Explosives, Division 1: Substances and articles which have a mass explosion hazard.
	enumeration	2	Explosives, Division 2: Substances and articles which have a projection hazard but not a mass explosion hazard.
	enumeration	3	Explosives, Division 3: Substances and articles which have a fire hazard and either a minor blast hazard or a minor projection hazard or both, but not a mass explosion hazard.
	enumeration	4	Explosives, Division 4: Substances and articles which present no significant hazard.
	enumeration	5	Explosives, Division 5: Very insensitive substances which have a mass explosion hazard.

	enumeration	6	Explosives, Division 6: Extremely insensitive articles which do not have a mass explosion hazard.
	enumeration	7	Gases, flammable gases.
	enumeration	8	Gases, non-flammable, non-toxic gases.
	enumeration	9	Gases, toxic gases.
	enumeration	10	Flammable liquids.
	enumeration	11	Flammable solids, self-reactive substances and desensitized explosives.
	enumeration	12	Substances liable to spontaneous combustion.
	enumeration	13	Substances which, in contact with water, emit flammable gases.
	enumeration	14	Oxidizing substances.
	enumeration	15	Organic peroxides.
	enumeration	16	Toxic substances.
	enumeration	17	Infectious substances.
	enumeration	18	Radioactive material.
	enumeration	19	Corrosive substances.
	enumeration	20	Miscellaneous dangerous substances and articles.
	enumeration	21	Harmful substances are those substances which are identified as marine pollutants in the International Maritime Dangerous Goods Code (IMDG Code). Packaged form is defined as the forms of containment specified for harmful substances in the IMDG Code.
Used by	Attribute	Applicability_categoryOfDangerousOrHazardousCargoType/@code	

Simple Type categoryOfDepthsDescriptionLabel

Namespace	http://www.oho.int/S131/2.0											
Annotations	Classification of significant aspects of depths about which information is provided.											
Diagram	<p>The diagram shows a UML class named 'categoryOfDepthsDescriptionLabel' with a hollow diamond symbol indicating it is derived from another class. This diamond is connected to a box labeled 'xs:string'. Below the class name is a note: 'Classification of significant aspects of depths about which information is provided.' To the right of the inheritance arrow is another note: 'Built-in primitive type. The string datatype represents character strings in XML.'</p>											
Type	restriction of xs:string											
Facets	<table> <tr> <td>enumeration</td> <td>Shoal</td> <td>1: A shallow elevation composed of unconsolidated material that may constitute a hazard to surface navigation.</td> </tr> <tr> <td>enumeration</td> <td>General Depth</td> <td>2: General information about the vertical distance from the water surface to the bottom.</td> </tr> <tr> <td>enumeration</td> <td>Controlling Depth</td> <td>3: The least depth in the approach or channel to an area, such as a port or anchorage, governing the maximum draft of vessels that can enter.</td> </tr> </table>			enumeration	Shoal	1: A shallow elevation composed of unconsolidated material that may constitute a hazard to surface navigation.	enumeration	General Depth	2: General information about the vertical distance from the water surface to the bottom.	enumeration	Controlling Depth	3: The least depth in the approach or channel to an area, such as a port or anchorage, governing the maximum draft of vessels that can enter.
enumeration	Shoal	1: A shallow elevation composed of unconsolidated material that may constitute a hazard to surface navigation.										
enumeration	General Depth	2: General information about the vertical distance from the water surface to the bottom.										
enumeration	Controlling Depth	3: The least depth in the approach or channel to an area, such as a port or anchorage, governing the maximum draft of vessels that can enter.										
Used by	Complex Type	categoryOfDepthsDescriptionType										

Simple Type categoryOfDepthsDescriptionCode

Namespace	http://www.oho.int/S131/2.0								
Annotations	Classification of significant aspects of depths about which information is provided.								
Diagram	<p>The diagram shows a UML class named 'categoryOfDepthsDescriptionCode' with a hollow diamond symbol indicating it is derived from another class. This diamond is connected to a box labeled 'xs:integer'. Below the class name is a note: 'Classification of significant aspects of depths about which information is provided.' To the right of the inheritance arrow is another note: 'Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...'</p>								
Type	restriction of xs:integer								
Facets	<table> <tr> <td>enumeration</td> <td>1</td> <td>A shallow elevation composed of unconsolidated material that may constitute a hazard to surface navigation.</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>General information about the vertical distance from the water surface to the bottom.</td> </tr> </table>			enumeration	1	A shallow elevation composed of unconsolidated material that may constitute a hazard to surface navigation.	enumeration	2	General information about the vertical distance from the water surface to the bottom.
enumeration	1	A shallow elevation composed of unconsolidated material that may constitute a hazard to surface navigation.							
enumeration	2	General information about the vertical distance from the water surface to the bottom.							

	enumeration	3	The least depth in the approach or channel to an area, such as a port or anchorage, governing the maximum draft of vessels that can enter.
Used by	Attribute	categoryOfDepthsDescriptionType/@code	

Simple Type depthsDescription_categoryOfDepthsDescriptionLabel

Namespace	http://www.ihc.int/S131/2.0		
Annotations	Restricted values of depthsDescription/categoryOfDepthsDescription		
Diagram	<pre> classDiagram class depthsDescription_categoryOfDepthsDescriptionLabel { <<Restricted values of depthsDescription/categoryOfDepthsDescription>> } class xs_string { <<Built-in primitive type. The string datatype represents character strings in XML.>> } depthsDescription_categoryOfDepthsDescriptionLabel "1" -- "0..1" xs_string </pre>		
Type	restriction of xs:string		
Facets	enumeration	Shoal	
	enumeration	General Depth	
	enumeration	Controlling Depth	
Used by	Complex Type	depthsDescription_categoryOfDepthsDescriptionType	

Simple Type depthsDescription_categoryOfDepthsDescriptionCode

Namespace	http://www.ihc.int/S131/2.0		
Annotations	Restricted values of depthsDescription/categoryOfDepthsDescription		
Diagram	<pre> classDiagram class depthsDescription_categoryOfDepthsDescriptionCode { <<Restricted values of depthsDescription/categoryOfDepthsDescription>> } class xs_integer { <<Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...>> } depthsDescription_categoryOfDepthsDescriptionCode "1" -- "0..1" xs_integer </pre>		
Type	restriction of xs:integer		
Facets	enumeration	1	A shallow elevation composed of unconsolidated material that may constitute a hazard to surface navigation.
	enumeration	2	General information about the vertical distance from the water surface to the bottom.
	enumeration	3	The least depth in the approach or channel to an area, such as a port or anchorage, governing the maximum draft of vessels that can enter.
Used by	Attribute	depthsDescription_categoryOfDepthsDescriptionType/@code	

Simple Type categoryOfDolphinLabel

Namespace	http://www.ihc.int/S131/2.0		
Annotations	Classification of a post or group of posts, used for mooring or warping a vessel.		
Diagram	<pre> classDiagram class categoryOfDolphinLabel { <<Classification of a post or group of posts, used for mooring or warping a vessel.>> } class xs_string { <<Built-in primitive type. The string datatype represents character strings in XML.>> } categoryOfDolphinLabel "1" -- "0..1" xs_string </pre>		
Type	restriction of xs:string		
Facets	enumeration	Mooring Dolphin	1: A post or group of posts driven into the seabed or riverbed, used as a mooring point for vessels.
	enumeration	Deviation Dolphin	2: A post or group of posts, which a vessel may swing around for compass adjustment.
	enumeration	Berthing Dolphin	3: A post or group of posts driven into the seabed or riverbed, used to extend the berth of a vessel by providing extra mooring points.
	enumeration	Fender or Breasting Dolphin	4: A post or group of posts driven into the seabed or riverbed, used to assist in berthing of vessels by taking up some berthing loads; keep vessels from pressing against the pier

		structure; or to protect structures from possible impact by ships.
Used by	Complex Type	categoryOfDolphinType

Simple Type categoryOfDolphinCode

Namespace	http://www.ihc.int/S131/2.0	
Annotations	Classification of a post or group of posts, used for mooring or warping a vessel.	
Diagram	<p>Diagram illustrating the inheritance relationship between categoryOfDolphinCode and xs:integer. categoryOfDolphinCode is shown as a class with a generalization arrow pointing to xs:integer. A callout box below categoryOfDolphinCode states: 'Classification of a post or group of posts, used for mooring or warping a vessel.' A callout box below xs:integer states: 'Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...'.</p>	
Type	restriction of xs:integer	
Facets	enumeration	1
		A post or group of posts driven into the seabed or riverbed, used as a mooring point for vessels.
	enumeration	2
		A post or group of posts, which a vessel may swing around for compass adjustment.
	enumeration	3
		A post or group of posts driven into the seabed or riverbed, used to extend the berth of a vessel by providing extra mooring points.
	enumeration	4
		A post or group of posts driven into the seabed or riverbed, used to assist in berthing of vessels by taking up some berthing loads; keep vessels from pressing against the pier structure; or to protect structures from possible impact by ships.
Used by	Attribute	categoryOfDolphinType/@code

Simple Type Dolphin_categoryOfDolphinLabel

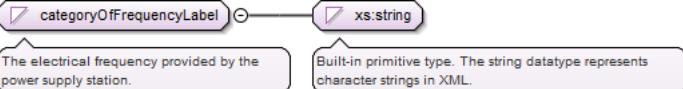
Namespace	http://www.ihc.int/S131/2.0	
Annotations	Custom enum: Dolphin/categoryOfDolphin	
Diagram	<p>Diagram illustrating the inheritance relationship between Dolphin_categoryOfDolphinLabel and xs:string. Dolphin_categoryOfDolphinLabel is shown as a class with a generalization arrow pointing to xs:string. A callout box below Dolphin_categoryOfDolphinLabel states: 'Custom enum: Dolphin/categoryOfDolphin'. A callout box below xs:string states: 'Built-in primitive type. The string datatype represents character strings in XML.'</p>	
Type	restriction of xs:string	
Facets	enumeration	Mooring Dolphin
	enumeration	Deviation Dolphin
	enumeration	Berthing Dolphin
	enumeration	Fender or Breasting Dolphin
Used by	Complex Type	Dolphin_categoryOfDolphinType

Simple Type Dolphin_categoryOfDolphinCode

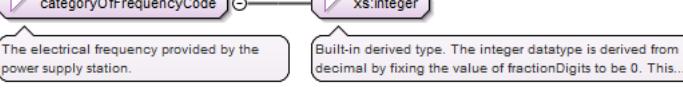
Namespace	http://www.ihc.int/S131/2.0	
Annotations	Custom enum: Dolphin/categoryOfDolphin	
Diagram	<p>Diagram illustrating the inheritance relationship between Dolphin_categoryOfDolphinCode and xs:integer. Dolphin_categoryOfDolphinCode is shown as a class with a generalization arrow pointing to xs:integer. A callout box below Dolphin_categoryOfDolphinCode states: 'Custom enum: Dolphin/categoryOfDolphin'. A callout box below xs:integer states: 'Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...'.</p>	
Type	restriction of xs:integer	
Facets	enumeration	1
		A post or group of posts driven into the seabed or riverbed, used as a mooring point for vessels.
	enumeration	2
		A post or group of posts, which a vessel may swing around for compass adjustment.

	enumeration	3	A post or group of posts driven into the seabed or riverbed, used to extend the berth of a vessel by providing extra mooring points.
	enumeration	4	A post or group of posts driven into the seabed or riverbed, used to assist in berthing of vessels by taking up some berthing loads; keep vessels from pressing against the pier structure; or to protect structures from possible impact by ships.
	enumeration	0	
Used by	Attribute		Dolphin_categoryOfDolphinType/@code

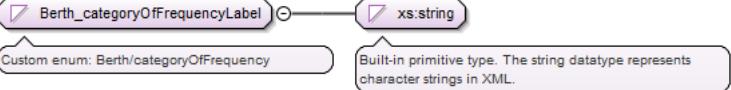
Simple Type categoryOfFrequencyLabel

Namespace	http://www.ihc.int/S131/2.0		
Annotations	The electrical frequency provided by the power supply station.		
Diagram			
Type	restriction of xs:string		
Facets	enumeration	50Hz	1: 50 Hertz
	enumeration	60Hz	2: 60 Hertz
Used by	Complex Type	categoryOfFrequencyType	

Simple Type categoryOfFrequencyCode

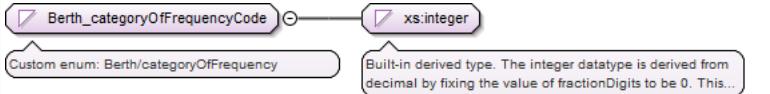
Namespace	http://www.ihc.int/S131/2.0		
Annotations	The electrical frequency provided by the power supply station.		
Diagram			
Type	restriction of xs:integer		
Facets	enumeration	1	50 Hertz
	enumeration	2	60 Hertz
Used by	Attribute	categoryOfFrequencyType/@code	

Simple Type Berth_categoryOfFrequencyLabel

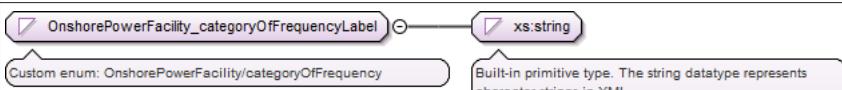
Namespace	http://www.ihc.int/S131/2.0		
Annotations	Custom enum: Berth/categoryOfFrequency		
Diagram			
Type	restriction of xs:string		
Facets	enumeration	50Hz	
	enumeration	60Hz	
Used by	Complex Type	Berth_categoryOfFrequencyType	

Simple Type Berth_categoryOfFrequencyCode

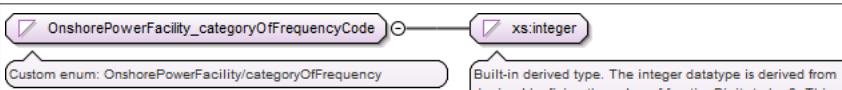
Namespace	http://www.ihc.int/S131/2.0		
Annotations	Custom enum: Berth/categoryOfFrequency		

Diagram							
Type	restriction of xs:integer						
Facets	<table> <tr> <td>enumeration</td> <td>1</td> <td>50 Hertz</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>60 Hertz</td> </tr> </table>	enumeration	1	50 Hertz	enumeration	2	60 Hertz
enumeration	1	50 Hertz					
enumeration	2	60 Hertz					
Used by	Attribute Berth_categoryOfFrequencyType/@code						

Simple Type OnshorePowerFacility_categoryOfFrequencyLabel

Namespace	http://www.oho.int/S131/2.0						
Annotations	Custom enum: OnshorePowerFacility/categoryOfFrequency						
Diagram							
Type	restriction of xs:string						
Facets	<table> <tr> <td>enumeration</td> <td>50Hz</td> <td></td> </tr> <tr> <td>enumeration</td> <td>60Hz</td> <td></td> </tr> </table>	enumeration	50Hz		enumeration	60Hz	
enumeration	50Hz						
enumeration	60Hz						
Used by	Complex Type OnshorePowerFacility_categoryOfFrequencyType						

Simple Type OnshorePowerFacility_categoryOfFrequencyCode

Namespace	http://www.oho.int/S131/2.0						
Annotations	Custom enum: OnshorePowerFacility/categoryOfFrequency						
Diagram							
Type	restriction of xs:integer						
Facets	<table> <tr> <td>enumeration</td> <td>1</td> <td>50 Hertz</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>60 Hertz</td> </tr> </table>	enumeration	1	50 Hertz	enumeration	2	60 Hertz
enumeration	1	50 Hertz					
enumeration	2	60 Hertz					
Used by	Attribute OnshorePowerFacility_categoryOfFrequencyType/@code						

Simple Type categoryOfHarbourFacilityLabel

Namespace	http://www.oho.int/S131/2.0																								
Annotations	Classification of harbour use.																								
Diagram																									
Type	restriction of xs:string																								
Facets	<table> <tr> <td>enumeration</td> <td>RoRo Terminal</td> <td>1: A terminal for roll-on roll-off ferries.</td> </tr> <tr> <td>enumeration</td> <td>Ferry Terminal</td> <td>3: A terminal for passenger and vehicle ferries.</td> </tr> <tr> <td>enumeration</td> <td>Fishing Harbour</td> <td>4: A harbour with facilities for fishing boats.</td> </tr> <tr> <td>enumeration</td> <td>Yacht Harbour/Marina</td> <td>5: A harbour facility for small boats, yachts, etc., where supplies, repairs, and various services are available.</td> </tr> <tr> <td>enumeration</td> <td>Naval Base</td> <td>6: A centre of operations for naval vessels.</td> </tr> <tr> <td>enumeration</td> <td>Tanker Terminal</td> <td>7: A terminal for the bulk handling of liquid cargoes.</td> </tr> <tr> <td>enumeration</td> <td>Passenger Terminal</td> <td>8: A terminal for the loading and unloading of passengers.</td> </tr> <tr> <td>enumeration</td> <td>Shipyard</td> <td>9: A place where ships are built or repaired.</td> </tr> </table>	enumeration	RoRo Terminal	1: A terminal for roll-on roll-off ferries.	enumeration	Ferry Terminal	3: A terminal for passenger and vehicle ferries.	enumeration	Fishing Harbour	4: A harbour with facilities for fishing boats.	enumeration	Yacht Harbour/Marina	5: A harbour facility for small boats, yachts, etc., where supplies, repairs, and various services are available.	enumeration	Naval Base	6: A centre of operations for naval vessels.	enumeration	Tanker Terminal	7: A terminal for the bulk handling of liquid cargoes.	enumeration	Passenger Terminal	8: A terminal for the loading and unloading of passengers.	enumeration	Shipyard	9: A place where ships are built or repaired.
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enumeration	Container Terminal	10: A terminal with facilities to load/unload or store shipping containers.
enumeration	Bulk Terminal	11: A terminal for the handling of bulk materials such as iron ore, coal, etc.
enumeration	Ship Lift	12: A platform powered by synchronous electric motors (for example syncrolift) used to lift vessels (larger than boats) in and out of the water.
enumeration	Straddle Carrier	13: A wheeled vehicle designed to lift and carry containers or vessels within its own framework. It is used for moving, and sometimes stacking, shipping containers and vessels.
enumeration	Service Harbour	14: A harbour within which the floating equipment (dredges, tugs ...) of harbour services are stationed.
enumeration	Pilotage Service	15: The services of a person who directs the movements of a vessel through pilot waters, usually a person who has demonstrated extensive knowledge of channels, aids to navigation, dangers to navigation, etc., in a particular area and is licensed for that area, are available.
enumeration	Service and Repair	16: A place where mechanical services or repairs can be undertaken to engines or other vessel equipment.
enumeration	Quarantine Station	17: A medical control center located in an isolated spot ashore where patients with contagious diseases from vessel in quarantine are taken.
Used by	Complex Type	categoryOfHarbourFacilityType

Simple Type categoryOfHarbourFacilityCode

Namespace	http://www.oho.int/S131/2.0																																								
Annotations	Classification of harbour use.																																								
Diagram	<p>The diagram shows a UML class named "categoryOfHarbourFacilityCode" with a hollow diamond symbol indicating it is derived from another class. A solid line connects the class to another class named "xs:integer". A callout box labeled "Classification of harbour use." points to the class itself. Another callout box labeled "Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This..." points to the "xs:integer" class.</p>																																								
Type	restriction of xs:integer																																								
Facets	<table border="1"> <tr> <td>enumeration</td> <td>1</td> <td>A terminal for roll-on roll-off ferries.</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>A terminal for passenger and vehicle ferries.</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>A harbour with facilities for fishing boats.</td> </tr> <tr> <td>enumeration</td> <td>5</td> <td>A harbour facility for small boats, yachts, etc., where supplies, repairs, and various services are available.</td> </tr> <tr> <td>enumeration</td> <td>6</td> <td>A centre of operations for naval vessels.</td> </tr> <tr> <td>enumeration</td> <td>7</td> <td>A terminal for the bulk handling of liquid cargoes.</td> </tr> <tr> <td>enumeration</td> <td>8</td> <td>A terminal for the loading and unloading of passengers.</td> </tr> <tr> <td>enumeration</td> <td>9</td> <td>A place where ships are built or repaired.</td> </tr> <tr> <td>enumeration</td> <td>10</td> <td>A terminal with facilities to load/unload or store shipping containers.</td> </tr> <tr> <td>enumeration</td> <td>11</td> <td>A terminal for the handling of bulk materials such as iron ore, coal, etc.</td> </tr> <tr> <td>enumeration</td> <td>12</td> <td>A platform powered by synchronous electric motors (for example syncrolift) used to lift vessels (larger than boats) in and out of the water.</td> </tr> <tr> <td>enumeration</td> <td>13</td> <td>A wheeled vehicle designed to lift and carry containers or vessels within its own framework. It is used for moving, and sometimes stacking, shipping containers and vessels.</td> </tr> <tr> <td>enumeration</td> <td>14</td> <td>A harbour within which the floating equipment (dredges, tugs ...) of harbour services are stationed.</td> </tr> </table>		enumeration	1	A terminal for roll-on roll-off ferries.	enumeration	3	A terminal for passenger and vehicle ferries.	enumeration	4	A harbour with facilities for fishing boats.	enumeration	5	A harbour facility for small boats, yachts, etc., where supplies, repairs, and various services are available.	enumeration	6	A centre of operations for naval vessels.	enumeration	7	A terminal for the bulk handling of liquid cargoes.	enumeration	8	A terminal for the loading and unloading of passengers.	enumeration	9	A place where ships are built or repaired.	enumeration	10	A terminal with facilities to load/unload or store shipping containers.	enumeration	11	A terminal for the handling of bulk materials such as iron ore, coal, etc.	enumeration	12	A platform powered by synchronous electric motors (for example syncrolift) used to lift vessels (larger than boats) in and out of the water.	enumeration	13	A wheeled vehicle designed to lift and carry containers or vessels within its own framework. It is used for moving, and sometimes stacking, shipping containers and vessels.	enumeration	14	A harbour within which the floating equipment (dredges, tugs ...) of harbour services are stationed.
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	enumeration	15	The services of a person who directs the movements of a vessel through pilot waters, usually a person who has demonstrated extensive knowledge of channels, aids to navigation, dangers to navigation, etc., in a particular area and is licensed for that area, are available.
	enumeration	16	A place where mechanical services or repairs can be undertaken to engines or other vessel equipment.
	enumeration	17	A medical control center located in an isolated spot ashore where patients with contagious diseases from vessel in quarantine are taken.
Used by	Attribute	categoryOfHarbourFacilityType/@code	

Simple Type HarbourAreaAdministrative_categoryOfHarbourFacilityLabel

Namespace	http://www.ihc.int/S131/2.0	
Annotations	Custom enum: HarbourAreaAdministrative/categoryOfHarbourFacility	
Diagram	<pre> classDiagram class HarbourAreaAdministrative_categoryOfHarbourFacilityLabel { <<Custom enum: HarbourAreaAdministrative/categoryOfHarbourFacility>> } class xs_string { <<Built-in primitive type. The string datatype represents character strings in XML.>> } HarbourAreaAdministrative_categoryOfHarbourFacilityLabel < -- xs_string </pre>	
Type	restriction of xs:string	
Facets	enumeration	RoRo Terminal
		Ferry Terminal
		Fishing Harbour
		Yacht Harbour/Marina
		Naval Base
		Tanker Terminal
		Passenger Terminal
		Shipyard
		Container Terminal
		Bulk Terminal
		Ship Lift
		Straddle Carrier
Used by	Complex Type	HarbourAreaAdministrative_categoryOfHarbourFacilityType

Simple Type HarbourAreaAdministrative_categoryOfHarbourFacilityCode

Namespace	http://www.ihc.int/S131/2.0	
Annotations	Custom enum: HarbourAreaAdministrative/categoryOfHarbourFacility	
Diagram	<pre> classDiagram class HarbourAreaAdministrative_categoryOfHarbourFacilityCode { <<Custom enum: HarbourAreaAdministrative/categoryOfHarbourFacility>> } class xs_integer { <<Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...>> } HarbourAreaAdministrative_categoryOfHarbourFacilityCode < -- xs_integer </pre>	
Type	restriction of xs:integer	
Facets	enumeration	1 A terminal for roll-on roll-off ferries.
		3 A terminal for passenger and vehicle ferries.
		4 A harbour with facilities for fishing boats.
		5 A harbour facility for small boats, yachts, etc., where supplies, repairs, and various services are available.
		6 A centre of operations for naval vessels.
		7 A terminal for the bulk handling of liquid cargoes.

	enumeration	8	A terminal for the loading and unloading of passengers.
	enumeration	9	A place where ships are built or repaired.
	enumeration	10	A terminal with facilities to load/unload or store shipping containers.
	enumeration	11	A terminal for the handling of bulk materials such as iron ore, coal, etc.
	enumeration	12	A platform powered by synchronous electric motors (for example syncrolift) used to lift vessels (larger than boats) in and out of the water.
	enumeration	13	A wheeled vehicle designed to lift and carry containers or vessels within its own framework. It is used for moving, and sometimes stacking, shipping containers and vessels.
	enumeration	14	A harbour within which the floating equipment (dredges, tugs ...) of harbour services are stationed.
	enumeration	15	The services of a person who directs the movements of a vessel through pilot waters, usually a person who has demonstrated extensive knowledge of channels, aids to navigation, dangers to navigation, etc., in a particular area and is licensed for that area, are available.
Used by	Attribute	HarbourAreaAdministrative_categoryOfHarbourFacilityType/@code	

Simple Type HarbourAreaSection_categoryOfHarbourFacilityLabel

Namespace	http://www.aho.int/S131/2.0	
Annotations	Custom enum: HarbourAreaSection/categoryOfHarbourFacility	
Diagram	<pre> classDiagram class HarbourAreaSection_categoryOfHarbourFacilityLabel class xs.string HarbourAreaSection_categoryOfHarbourFacilityLabel "○" -- "xs.string" </pre> <p>Custom enum: HarbourAreaSection/categoryOfHarbourFacility</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>	
Type	restriction of xs:string	
Facets	enumeration	Fishing Harbour
	enumeration	Yacht Harbour/Marina
	enumeration	Naval Base
	enumeration	Shipyard
	enumeration	Service Harbour
	enumeration	Pilotage Service
	enumeration	Service and Repair
	enumeration	Quarantine Station
Used by	Complex Type	HarbourAreaSection_categoryOfHarbourFacilityType

Simple Type HarbourAreaSection_categoryOfHarbourFacilityCode

Namespace	http://www.aho.int/S131/2.0	
Annotations	Custom enum: HarbourAreaSection/categoryOfHarbourFacility	
Diagram	<pre> classDiagram class HarbourAreaSection_categoryOfHarbourFacilityCode class xs.integer HarbourAreaSection_categoryOfHarbourFacilityCode "○" -- "xs.integer" </pre> <p>Custom enum: HarbourAreaSection/categoryOfHarbourFacility</p> <p>Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...</p>	
Type	restriction of xs:integer	
Facets	enumeration	4
	enumeration	5
	enumeration	6

	enumeration	9	A place where ships are built or repaired.
	enumeration	14	A harbour within which the floating equipment (dredges, tugs ...) of harbour services are stationed.
	enumeration	15	The services of a person who directs the movements of a vessel through pilot waters, usually a person who has demonstrated extensive knowledge of channels, aids to navigation, dangers to navigation, etc., in a particular area and is licensed for that area, are available.
	enumeration	16	A place where mechanical services or repairs can be undertaken to engines or other vessel equipment.
	enumeration	17	A medical control center located in an isolated spot ashore where patients with contagious diseases from vessel in quarantine are taken.
Used by	Attribute	HarbourAreaSection_categoryOfHarbourFacilityType/@code	

Simple Type categoryOfMooringWarpingFacilityLabel

Namespace	http://www.ihc.int/S131/2.0		
Annotations	A place or structure to which a vessel can be secured.		
Diagram	<pre> classDiagram class categoryOfMooringWarpingFacilityLabel { <<A place or structure to which a vessel can be secured.>> } xs:string categoryOfMooringWarpingFacilityLabel "○" --> xs:string <<Built-in primitive type. The string datatype represents character strings in XML.>> </pre>		
Type	restriction of xs:string		
Facets	enumeration	Tie-Up Wall	4: A section of wall designated for tying-up vessels awaiting transit. Bollards and mooring devices are available for both large and small ships.
	enumeration	Post or Pile	5: A long heavy timber or section of steel, wood, concrete, etc., forced into the seabed to serve as a mooring facility.
	enumeration	Mooring Cable	6: A chain or very strong fibre or wire rope used to anchor or moor vessels or buoys.
Used by	Complex Type	categoryOfMooringWarpingFacilityType	

Simple Type categoryOfMooringWarpingFacilityCode

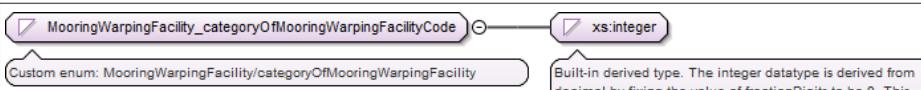
Namespace	http://www.ihc.int/S131/2.0		
Annotations	A place or structure to which a vessel can be secured.		
Diagram	<pre> classDiagram class categoryOfMooringWarpingFacilityCode { <<A place or structure to which a vessel can be secured.>> } xs:integer categoryOfMooringWarpingFacilityCode "○" --> xs:integer <<Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...>> </pre>		
Type	restriction of xs:integer		
Facets	enumeration	4	A section of wall designated for tying-up vessels awaiting transit. Bollards and mooring devices are available for both large and small ships.
	enumeration	5	A long heavy timber or section of steel, wood, concrete, etc., forced into the seabed to serve as a mooring facility.
	enumeration	6	A chain or very strong fibre or wire rope used to anchor or moor vessels or buoys.
Used by	Attribute	categoryOfMooringWarpingFacilityType/@code	

Simple Type MooringWarpingFacility_categoryOfMooringWarpingFacilityLabel

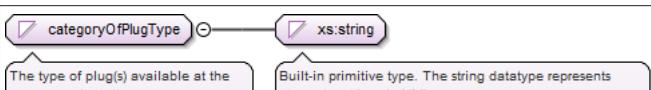
Namespace	http://www.ihc.int/S131/2.0		
Annotations	Custom enum: MooringWarpingFacility/categoryOfMooringWarpingFacility		

Diagram	
Type	restriction of xs:string
Facets	enumeration Tie-Up Wall
	enumeration Post or Pile
	enumeration Mooring Cable
Used by	Complex Type MooringWarpingFacility_categoryOfMooringWarpingFacilityType

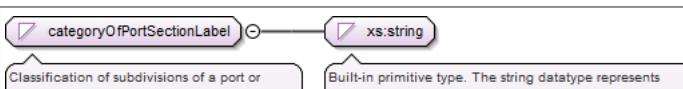
Simple Type MooringWarpingFacility_categoryOfMooringWarpingFacilityCode

Namespace	http://www.ihc.int/S131/2.0	
Annotations	Custom enum: MooringWarpingFacility/categoryOfMooringWarpingFacility	
Diagram		
Type	restriction of xs:integer	
Facets	enumeration 4	A section of wall designated for tying-up vessels awaiting transit. Bollards and mooring devices are available for both large and small ships.
	enumeration 5	A long heavy timber or section of steel, wood, concrete, etc., forced into the seabed to serve as a mooring facility.
	enumeration 6	A chain or very strong fibre or wire rope used to anchor or moor vessels or buoys.
Used by	Attribute MooringWarpingFacility_categoryOfMooringWarpingFacilityType/@code	

Simple Type categoryOfPlugType

Namespace	http://www.ihc.int/S131/2.0	
Annotations	The type of plug(s) available at the power supply station.	
Diagram		
Type	xs:string	
Used by	Elements BerthType/categoryOfPlug, OnshorePowerFacilityType/categoryOfPlug	

Simple Type categoryOfPortSectionLabel

Namespace	http://www.ihc.int/S131/2.0	
Annotations	Classification of subdivisions of a port or harbour area by usage.	
Diagram		
Type	restriction of xs:string	
Facets	enumeration Port Fairway	1: The main navigable channel in a harbour or its approaches, for vessels of larger size.
	enumeration Berth Pocket	3: A body of water at a berth or anchor berth, of adequate dimensions to allow a vessel to make fast to the shore, mooring buoys, berthing dolphins or to anchor.
	enumeration Seaplane Anchorage	8: An area in which sea-planes anchor or may anchor.
	enumeration Dredged Basin	9: An area of water or channel enlargement of increased depth compared to adjacent areas,

		where the depth is maintained by dredging operations.
	enumeration Port Safety Zone	11: The area around a port facility or harbour installation within which vessels are prohibited from entering without permission.
	enumeration Lay-by Berth	12: A general berth for use by vessels for short term waiting until a loading or discharging berth is available.
Used by	Complex Type categoryOfPortSectionType	

Simple Type categoryOfPortSectionCode

Namespace	http://www.ihc.int/S131/2.0																			
Annotations	Classification of subdivisions of a port or harbour area by usage.																			
Diagram	<p>The diagram shows a UML class named 'categoryOfPortSectionCode' with a hollow circle indicating it is derived from another type. This derived type is 'xs:integer'. A callout box below the class indicates it is 'Classification of subdivisions of a port or harbour area by usage.' Another callout box indicates it is a 'Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...'.</p>																			
Type	restriction of xs:integer																			
Facets	<table border="1"> <tr> <td>enumeration</td> <td>1</td> <td>The main navigable channel in a harbour or its approaches, for vessels of larger size.</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>A body of water at a berth or anchor berth, of adequate dimensions to allow a vessel to make fast to the shore, mooring buoys, berthing dolphins or to anchor.</td> </tr> <tr> <td>enumeration</td> <td>8</td> <td>An area in which sea-planes anchor or may anchor.</td> </tr> <tr> <td>enumeration</td> <td>9</td> <td>An area of water or channel enlargement of increased depth compared to adjacent areas, where the depth is maintained by dredging operations.</td> </tr> <tr> <td>enumeration</td> <td>11</td> <td>The area around a port facility or harbour installation within which vessels are prohibited from entering without permission.</td> </tr> <tr> <td>enumeration</td> <td>12</td> <td>A general berth for use by vessels for short term waiting until a loading or discharging berth is available.</td> </tr> </table>		enumeration	1	The main navigable channel in a harbour or its approaches, for vessels of larger size.	enumeration	3	A body of water at a berth or anchor berth, of adequate dimensions to allow a vessel to make fast to the shore, mooring buoys, berthing dolphins or to anchor.	enumeration	8	An area in which sea-planes anchor or may anchor.	enumeration	9	An area of water or channel enlargement of increased depth compared to adjacent areas, where the depth is maintained by dredging operations.	enumeration	11	The area around a port facility or harbour installation within which vessels are prohibited from entering without permission.	enumeration	12	A general berth for use by vessels for short term waiting until a loading or discharging berth is available.
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enumeration	12	A general berth for use by vessels for short term waiting until a loading or discharging berth is available.																		
Used by	Attribute categoryOfPortSectionType/@code																			

Simple Type HarbourAreaSection_categoryOfPortSectionLabel

Namespace	http://www.ihc.int/S131/2.0													
Annotations	Custom enum: HarbourAreaSection/categoryOfPortSection													
Diagram	<p>The diagram shows a UML class named 'HarbourAreaSection_categoryOfPortSectionLabel' with a hollow circle indicating it is derived from another type. This derived type is 'xs:string'. A callout box below the class indicates it is 'Custom enum: HarbourAreaSection/categoryOfPortSection'. Another callout box indicates it is a 'Built-in primitive type. The string datatype represents character strings in XML.'</p>													
Type	restriction of xs:string													
Facets	<table border="1"> <tr> <td>enumeration</td> <td>Port Fairway</td> </tr> <tr> <td>enumeration</td> <td>Berth Pocket</td> </tr> <tr> <td>enumeration</td> <td>Seaplane Anchorage</td> </tr> <tr> <td>enumeration</td> <td>Dredged Basin</td> </tr> <tr> <td>enumeration</td> <td>Port Safety Zone</td> </tr> <tr> <td>enumeration</td> <td>Lay-by Berth</td> </tr> </table>		enumeration	Port Fairway	enumeration	Berth Pocket	enumeration	Seaplane Anchorage	enumeration	Dredged Basin	enumeration	Port Safety Zone	enumeration	Lay-by Berth
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enumeration	Berth Pocket													
enumeration	Seaplane Anchorage													
enumeration	Dredged Basin													
enumeration	Port Safety Zone													
enumeration	Lay-by Berth													
Used by	Complex Type HarbourAreaSection_categoryOfPortSectionType													

Simple Type HarbourAreaSection_categoryOfPortSectionCode

Namespace	http://www.ihc.int/S131/2.0	
Annotations	Custom enum: HarbourAreaSection/categoryOfPortSection	

Diagram	<p>Custom enum: HarbourAreaSection/categoryOfPortSection</p> <p>Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...</p>	
Type	restriction of xs:integer	
Facets	enumeration	1
	enumeration	3
	enumeration	8
	enumeration	9
	enumeration	11
	enumeration	12
Used by	Attribute	HarbourAreaSection_categoryOfPortSectionType/@code

Simple Type WaterwayArea_categoryOfPortSectionLabel

Namespace	http://www.ihc.int/S131/2.0	
Annotations	Custom enum: WaterwayArea/categoryOfPortSection	
Diagram	<p>Custom enum: WaterwayArea/categoryOfPortSection</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>	
Type	restriction of xs:string	
Facets	enumeration	Port Fairway
	enumeration	Berth Pocket
	enumeration	Seaplane Anchorage
	enumeration	Dredged Basin
	enumeration	Port Safety Zone
	enumeration	Lay-by Berth
Used by	Complex Type	WaterwayArea_categoryOfPortSectionType

Simple Type WaterwayArea_categoryOfPortSectionCode

Namespace	http://www.ihc.int/S131/2.0	
Annotations	Custom enum: WaterwayArea/categoryOfPortSection	
Diagram	<p>Custom enum: WaterwayArea/categoryOfPortSection</p> <p>Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...</p>	
Type	restriction of xs:integer	
Facets	enumeration	1
	enumeration	3
	enumeration	8
	enumeration	9
		An area of water or channel enlargement of increased depth compared to adjacent areas,

		where the depth is maintained by dredging operations.
	enumeration 11	The area around a port facility or harbour installation within which vessels are prohibited from entering without permission.
	enumeration 12	A general berth for use by vessels for short term waiting until a loading or discharging berth is available.
Used by	Attribute	WaterwayArea_categoryOfPortSectionType/@code

Simple Type categoryOfRelationshipLabel

Namespace	http://www.ihc.int/S131/2.0	
Annotations	Expresses constraints or requirements on vessel actions or activities in relation to a geographic feature, facility, or service.	
Diagram	<p>categoryOfRelationshipLabel → xs:string</p> <p>Expresses constraints or requirements on vessel actions or activities in relation to a geographic feature, facility, or service.</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>	
Type	restriction of xs:string	
Facets	enumeration Prohibited	1: Use of facility, waterway or service is forbidden.
	enumeration Not Recommended	2: Use of facility, waterway or service is not recommended.
	enumeration Permitted	3: Use of facility, waterway, or service is permitted but not required.
	enumeration Recommended	4: Use of facility, waterway, or service is recommended.
	enumeration Required	5: Use of facility, waterway, or service is required.
	enumeration Not Required	6: Use of facility, waterway, or service is not required.
	enumeration Exclusively Permitted	7: Only vessels of the specified characteristics may use the facility, waterway, or service.
Used by	Complex Type	categoryOfRelationshipType

Simple Type categoryOfRelationshipCode

Namespace	http://www.ihc.int/S131/2.0	
Annotations	Expresses constraints or requirements on vessel actions or activities in relation to a geographic feature, facility, or service.	
Diagram	<p>categoryOfRelationshipCode → xs:integer</p> <p>Expresses constraints or requirements on vessel actions or activities in relation to a geographic feature, facility, or service.</p> <p>Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...</p>	
Type	restriction of xs:integer	
Facets	enumeration 1	Use of facility, waterway or service is forbidden.
	enumeration 2	Use of facility, waterway or service is not recommended.
	enumeration 3	Use of facility, waterway, or service is permitted but not required.
	enumeration 4	Use of facility, waterway, or service is recommended.
	enumeration 5	Use of facility, waterway, or service is required.
	enumeration 6	Use of facility, waterway, or service is not required.
	enumeration 7	Only vessels of the specified characteristics may use the facility, waterway, or service.
Used by	Attribute	categoryOfRelationshipType/@code

Simple Type PermissionType_categoryOfRelationshipLabel

Namespace	http://www.ihc.int/S131/2.0															
Annotations	Custom enum: PermissionType/categoryOfRelationship															
Diagram	<pre> classDiagram class PermissionType_categoryOfRelationshipLabel { <<Custom enum: PermissionType/categoryOfRelationship>> } class xsString { <<Built-in primitive type. The string datatype represents character strings in XML.>> } PermissionType_categoryOfRelationshipLabel "1" -- "0..1" xsString </pre>															
Type	restriction of xs:string															
Facets	<table> <tr> <td>enumeration</td> <td>Prohibited</td> </tr> <tr> <td>enumeration</td> <td>Not Recommended</td> </tr> <tr> <td>enumeration</td> <td>Permitted</td> </tr> <tr> <td>enumeration</td> <td>Recommended</td> </tr> <tr> <td>enumeration</td> <td>Required</td> </tr> <tr> <td>enumeration</td> <td>Not Required</td> </tr> <tr> <td>enumeration</td> <td>Exclusively Permitted</td> </tr> </table>		enumeration	Prohibited	enumeration	Not Recommended	enumeration	Permitted	enumeration	Recommended	enumeration	Required	enumeration	Not Required	enumeration	Exclusively Permitted
enumeration	Prohibited															
enumeration	Not Recommended															
enumeration	Permitted															
enumeration	Recommended															
enumeration	Required															
enumeration	Not Required															
enumeration	Exclusively Permitted															
Used by	Complex Type	PermissionType_categoryOfRelationshipType														

Simple Type PermissionType_categoryOfRelationshipCode

Namespace	http://www.ihc.int/S131/2.0																									
Annotations	Custom enum: PermissionType/categoryOfRelationship																									
Diagram	<pre> classDiagram class PermissionType_categoryOfRelationshipCode { <<Custom enum: PermissionType/categoryOfRelationship>> } class xsInteger { <<Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...>> } PermissionType_categoryOfRelationshipCode "1" -- "0..1" xsInteger </pre>																									
Type	restriction of xs:integer																									
Facets	<table> <tr> <td>enumeration</td> <td>1</td> <td>Use of facility, waterway or service is forbidden.</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>Use of facility, waterway or service is not recommended.</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>Use of facility, waterway, or service is permitted but not required.</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>Use of facility, waterway, or service is recommended.</td> </tr> <tr> <td>enumeration</td> <td>5</td> <td>Use of facility, waterway, or service is required.</td> </tr> <tr> <td>enumeration</td> <td>6</td> <td>Use of facility, waterway, or service is not required.</td> </tr> <tr> <td>enumeration</td> <td>7</td> <td>Only vessels of the specified characteristics may use the facility, waterway, or service.</td> </tr> <tr> <td>enumeration</td> <td>0</td> <td></td> </tr> </table>		enumeration	1	Use of facility, waterway or service is forbidden.	enumeration	2	Use of facility, waterway or service is not recommended.	enumeration	3	Use of facility, waterway, or service is permitted but not required.	enumeration	4	Use of facility, waterway, or service is recommended.	enumeration	5	Use of facility, waterway, or service is required.	enumeration	6	Use of facility, waterway, or service is not required.	enumeration	7	Only vessels of the specified characteristics may use the facility, waterway, or service.	enumeration	0	
enumeration	1	Use of facility, waterway or service is forbidden.																								
enumeration	2	Use of facility, waterway or service is not recommended.																								
enumeration	3	Use of facility, waterway, or service is permitted but not required.																								
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enumeration	5	Use of facility, waterway, or service is required.																								
enumeration	6	Use of facility, waterway, or service is not required.																								
enumeration	7	Only vessels of the specified characteristics may use the facility, waterway, or service.																								
enumeration	0																									
Used by	Attribute	PermissionType_categoryOfRelationshipType/@code																								

Simple Type categoryOfScheduleLabel

Namespace	http://www.ihc.int/S131/2.0							
Annotations	The type of schedule, for instance opening, closure, etc.							
Diagram	<pre> classDiagram class categoryOfScheduleLabel { <<The type of schedule, for instance opening, closure, etc.>> } class xsString { <<Built-in primitive type. The string datatype represents character strings in XML.>> } categoryOfScheduleLabel "1" -- "0..1" xsString </pre>							
Type	restriction of xs:string							
Facets	<table> <tr> <td>enumeration</td> <td>Normal Operation</td> <td>1: The service, office, is open, fully manned, and operating normally, or the area is accessible as usual.</td> </tr> <tr> <td>enumeration</td> <td>Closure</td> <td>2: The service, office, or area is closed.</td> </tr> </table>	enumeration	Normal Operation	1: The service, office, is open, fully manned, and operating normally, or the area is accessible as usual.	enumeration	Closure	2: The service, office, or area is closed.	
enumeration	Normal Operation	1: The service, office, is open, fully manned, and operating normally, or the area is accessible as usual.						
enumeration	Closure	2: The service, office, or area is closed.						

	enumeration	Unmanned Operation	3: The service is available but not manned.
Used by	Complex Type	categoryOfScheduleType	

Simple Type categoryOfScheduleCode

Namespace	http://www.oho.int/S131/2.0											
Annotations	The type of schedule, for instance opening, closure, etc.											
Diagram	<p>The type of schedule, for instance opening, closure, etc.</p> <p>Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...</p>											
Type	restriction of xs:integer											
Facets	<table> <tr> <td>enumeration</td> <td>1</td> <td>The service, office, is open, fully manned, and operating normally, or the area is accessible as usual.</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>The service, office, or area is closed.</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>The service is available but not manned.</td> </tr> </table>			enumeration	1	The service, office, is open, fully manned, and operating normally, or the area is accessible as usual.	enumeration	2	The service, office, or area is closed.	enumeration	3	The service is available but not manned.
enumeration	1	The service, office, is open, fully manned, and operating normally, or the area is accessible as usual.										
enumeration	2	The service, office, or area is closed.										
enumeration	3	The service is available but not manned.										
Used by	Attribute categoryOfScheduleType/@code											

Simple Type scheduleByDayOfWeek_categoryOfScheduleLabel

Namespace	http://www.oho.int/S131/2.0											
Annotations	Restricted values of scheduleByDayOfWeek/categoryOfSchedule											
Diagram	<p>Restricted values of scheduleByDayOfWeek/categoryOfSchedule</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>											
Type	restriction of xs:string											
Facets	<table> <tr> <td>enumeration</td> <td>Normal Operation</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Closure</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Unmanned Operation</td> <td></td> </tr> </table>			enumeration	Normal Operation		enumeration	Closure		enumeration	Unmanned Operation	
enumeration	Normal Operation											
enumeration	Closure											
enumeration	Unmanned Operation											
Used by	Complex Type scheduleByDayOfWeek_categoryOfScheduleType											

Simple Type scheduleByDayOfWeek_categoryOfScheduleCode

Namespace	http://www.oho.int/S131/2.0											
Annotations	Restricted values of scheduleByDayOfWeek/categoryOfSchedule											
Diagram	<p>Restricted values of scheduleByDayOfWeek/categoryOfSchedule</p> <p>Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...</p>											
Type	restriction of xs:integer											
Facets	<table> <tr> <td>enumeration</td> <td>1</td> <td>The service, office, is open, fully manned, and operating normally, or the area is accessible as usual.</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>The service, office, or area is closed.</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>The service is available but not manned.</td> </tr> </table>			enumeration	1	The service, office, is open, fully manned, and operating normally, or the area is accessible as usual.	enumeration	2	The service, office, or area is closed.	enumeration	3	The service is available but not manned.
enumeration	1	The service, office, is open, fully manned, and operating normally, or the area is accessible as usual.										
enumeration	2	The service, office, or area is closed.										
enumeration	3	The service is available but not manned.										
Used by	Attribute scheduleByDayOfWeek_categoryOfScheduleType/@code											

Simple Type categoryOfShorePowerFacilityLabel

Namespace	http://www.oho.int/S131/2.0		
Annotations	Classification of equipment or installations that are used for providing shoreside electrical power to a vessel at berth.		

Diagram	<p>categoryOfShorePowerFacilityLabel → xs:string</p> <p>Classification of equipment or installations that are used for providing shoreside electrical power to a vessel at...</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>		
Type	restriction of xs:string		
Facets	enumeration	High-Voltage Shore Power System	1: Delivers power to vessels using higher voltage (for example, 10 kV or above), suitable for large ports and large vessels. such as tankers, cargo ships, etc.
	enumeration	Low-Voltage Shore Power System	2: Delivers power to vessels using lower voltage, designed for small to medium-sized coastal or riverine terminals and smaller vessels.
	enumeration	Hybrid Shore Power System	3: Delivers power to vessels using high-voltage (for example, 10kV and above) and low-voltage outputs or simultaneous provision of dual-voltage power.
Used by	Complex Type	categoryOfShorePowerFacilityType	

Simple Type categoryOfShorePowerFacilityCode

Namespace	http://www.ihc.int/S131/2.0		
Annotations	Classification of equipment or installations that are used for providing shoreside electrical power to a vessel at berth.		
Diagram	<p>categoryOfShorePowerFacilityCode → xs:integer</p> <p>Classification of equipment or installations that are used for providing shoreside electrical power to a vessel at...</p> <p>Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...</p>		
Type	restriction of xs:integer		
Facets	enumeration	1	Delivers power to vessels using higher voltage (for example, 10 kV or above), suitable for large ports and large vessels. such as tankers, cargo ships, etc.
	enumeration	2	Delivers power to vessels using lower voltage, designed for small to medium-sized coastal or riverine terminals and smaller vessels.
	enumeration	3	Delivers power to vessels using high-voltage (for example, 10kV and above) and low-voltage outputs or simultaneous provision of dual-voltage power.
Used by	Attribute	categoryOfShorePowerFacilityType/@code	

Simple Type OnshorePowerFacility_categoryOfShorePowerFacilityLabel

Namespace	http://www.ihc.int/S131/2.0		
Annotations	Custom enum: OnshorePowerFacility/categoryOfShorePowerFacility		
Diagram	<p>OnshorePowerFacility_categoryOfShorePowerFacilityLabel → xs:string</p> <p>Custom enum: OnshorePowerFacility/categoryOfShorePowerFacility</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>		
Type	restriction of xs:string		
Facets	enumeration	High-Voltage Shore Power System	
	enumeration	Low-Voltage Shore Power System	
	enumeration	Hybrid Shore Power System	
Used by	Complex Type	OnshorePowerFacility_categoryOfShorePowerFacilityType	

Simple Type OnshorePowerFacility_categoryOfShorePowerFacilityCode

Namespace	http://www.ihc.int/S131/2.0		
Annotations	Custom enum: OnshorePowerFacility/categoryOfShorePowerFacility		

Diagram	<p>Custom enum: OnshorePowerFacility/categoryOfShorePowerFacility</p> <p>Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...</p>	
Type	restriction of xs:integer	
Facets	enumeration	1 Delivers power to vessels using higher voltage (for example, 10 kV or above), suitable for large ports and large vessels. such as tankers, cargo ships, etc.
	enumeration	2 Delivers power to vessels using lower voltage, designed for small to medium-sized coastal or riverine terminals and smaller vessels.
	enumeration	3 Delivers power to vessels using high-voltage (for example, 10kV and above) and low-voltage outputs or simultaneous provision of dual-voltage power.
Used by	Attribute	OnshorePowerFacility_categoryOfShorePowerFacilityType/@code

Simple Type categoryOfTemporalVariationLabel

Namespace	http://www.ihc.int/S131/2.0		
Annotations	An assessment of the likelihood of change over time.		
Diagram	<p>An assessment of the likelihood of change over time.</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>		
Type	restriction of xs:string		
Facets	enumeration	Extreme Event	1: Indication of the possible impact of a significant event (for example hurricane, earthquake, volcanic eruption, landslide, etc), which is considered likely to have changed the seafloor or landscape significantly.
	enumeration	Likely to Change and Significant Shoaling Expected	2: Continuous or frequent change (for example river siltation, sand waves, seasonal storms, ice bergs, etc) that is likely to result in new significant shoaling.
	enumeration	Likely to Change But Significant Shoaling Not Expected	3: Continuous or frequent change (for example sand wave shift, seasonal storms, ice bergs, etc) that is not likely to result in new significant shoaling.
	enumeration	Likely to Change	4: Continuous or frequent change to non-bathymetric features (for example river siltation, glacier creep/recession, sand dunes, buoys, marine farms, etc).
	enumeration	Unlikely to Change	5: Significant change to the seafloor is not expected.
	enumeration	Unassessed	6: Not having been assessed.
	Used by	Complex Type	categoryOfTemporalVariationType

Simple Type categoryOfTemporalVariationCode

Namespace	http://www.ihc.int/S131/2.0		
Annotations	An assessment of the likelihood of change over time.		
Diagram	<p>An assessment of the likelihood of change over time.</p> <p>Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...</p>		
Type	restriction of xs:integer		
Facets	enumeration	1	Indication of the possible impact of a significant event (for example hurricane, earthquake, volcanic eruption, landslide, etc), which is considered likely to have changed the seafloor or landscape significantly.
	enumeration	2	Continuous or frequent change (for example river siltation, sand waves, seasonal storms, ice

		bergs, etc) that is likely to result in new significant shoaling.
enumeration	3	Continuous or frequent change (for example sand wave shift, seasonal storms, ice bergs, etc) that is not likely to result in new significant shoaling.
enumeration	4	Continuous or frequent change to non-bathymetric features (for example river siltation, glacier creep/recession, sand dunes, buoys, marine farms, etc).
enumeration	5	Significant change to the seafloor is not expected.
enumeration	6	Not having been assessed.
Used by	Attribute	categoryOfTemporalVariationType/@code

Simple Type QualityOfNonBathymetricData_categoryOfTemporalVariationLabel

Namespace	http://www.ihc.int/S131/2.0													
Annotations	Custom enum: QualityOfNonBathymetricData/categoryOfTemporalVariation													
Diagram	<pre> classDiagram class QualityOfNonBathymetricData_categoryOfTemporalVariationLabel { <<Custom enum: QualityOfNonBathymetricData/categoryOfTemporalVariation>> } class xs_string { <<Built-in primitive type. The string datatype represents character strings in XML.>> } QualityOfNonBathymetricData_categoryOfTemporalVariationLabel "1" -- "0..1" xs_string </pre>													
Type	restriction of xs:string													
Facets	<table border="1"> <tr> <td>enumeration</td> <td>Extreme Event</td> </tr> <tr> <td>enumeration</td> <td>Likely to Change and Significant Shoaling Expected</td> </tr> <tr> <td>enumeration</td> <td>Likely to Change But Significant Shoaling Not Expected</td> </tr> <tr> <td>enumeration</td> <td>Likely to Change</td> </tr> <tr> <td>enumeration</td> <td>Unlikely to Change</td> </tr> <tr> <td>enumeration</td> <td>Unassessed</td> </tr> </table>		enumeration	Extreme Event	enumeration	Likely to Change and Significant Shoaling Expected	enumeration	Likely to Change But Significant Shoaling Not Expected	enumeration	Likely to Change	enumeration	Unlikely to Change	enumeration	Unassessed
enumeration	Extreme Event													
enumeration	Likely to Change and Significant Shoaling Expected													
enumeration	Likely to Change But Significant Shoaling Not Expected													
enumeration	Likely to Change													
enumeration	Unlikely to Change													
enumeration	Unassessed													
Used by	Complex Type	QualityOfNonBathymetricData_categoryOfTemporalVariationType												

Simple Type QualityOfNonBathymetricData_categoryOfTemporalVariationCode

Namespace	http://www.ihc.int/S131/2.0													
Annotations	Custom enum: QualityOfNonBathymetricData/categoryOfTemporalVariation													
Diagram	<pre> classDiagram class QualityOfNonBathymetricData_categoryOfTemporalVariationCode { <<Custom enum: QualityOfNonBathymetricData/categoryOfTemporalVariation>> } class xs_integer { <<Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...>> } QualityOfNonBathymetricData_categoryOfTemporalVariationCode "1" -- "0..1" xs_integer </pre>													
Type	restriction of xs:integer													
Facets	<table border="1"> <tr> <td>enumeration</td> <td>1</td> <td>Indication of the possible impact of a significant event (for example hurricane, earthquake, volcanic eruption, landslide, etc), which is considered likely to have changed the seafloor or landscape significantly.</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>Continuous or frequent change (for example river siltation, sand waves, seasonal storms, ice bergs, etc) that is likely to result in new significant shoaling.</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>Continuous or frequent change (for example sand wave shift, seasonal storms, ice bergs, etc) that is not likely to result in new significant shoaling.</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>Continuous or frequent change to non-bathymetric features (for example river siltation, glacier creep/recession, sand dunes, buoys, marine farms, etc).</td> </tr> </table>		enumeration	1	Indication of the possible impact of a significant event (for example hurricane, earthquake, volcanic eruption, landslide, etc), which is considered likely to have changed the seafloor or landscape significantly.	enumeration	2	Continuous or frequent change (for example river siltation, sand waves, seasonal storms, ice bergs, etc) that is likely to result in new significant shoaling.	enumeration	3	Continuous or frequent change (for example sand wave shift, seasonal storms, ice bergs, etc) that is not likely to result in new significant shoaling.	enumeration	4	Continuous or frequent change to non-bathymetric features (for example river siltation, glacier creep/recession, sand dunes, buoys, marine farms, etc).
enumeration	1	Indication of the possible impact of a significant event (for example hurricane, earthquake, volcanic eruption, landslide, etc), which is considered likely to have changed the seafloor or landscape significantly.												
enumeration	2	Continuous or frequent change (for example river siltation, sand waves, seasonal storms, ice bergs, etc) that is likely to result in new significant shoaling.												
enumeration	3	Continuous or frequent change (for example sand wave shift, seasonal storms, ice bergs, etc) that is not likely to result in new significant shoaling.												
enumeration	4	Continuous or frequent change to non-bathymetric features (for example river siltation, glacier creep/recession, sand dunes, buoys, marine farms, etc).												

	enumeration	5	Significant change to the seafloor is not expected.
	enumeration	6	Not having been assessed.
Used by	Attribute	QualityOfNonBathymetricData_categoryOfTemporalVariationType/@code	

Simple Type categoryOfTerminalLabel

Namespace	http://www.ihodata.org/S131/2.0		
Annotations	Classification of terminals according to type of use, purpose, or type of cargo loaded or unloaded.		
Diagram	<p>The diagram shows a class named 'categoryOfTerminalLabel' with a multiplicity of 0..1. It has a directed association to a class named 'xs:string' with a multiplicity of 0..1. A callout box for 'categoryOfTerminalLabel' states: 'Classification of terminals according to type of use, purpose, or type of cargo loaded or unloaded.' A callout box for 'xs:string' states: 'Built-in primitive type. The string datatype represents character strings in XML.'</p>		
Type	restriction of xs:string		
Facets	enumeration	RoRo Terminal	1: A terminal for roll-on roll-off ferries.
	enumeration	Ferry Terminal	3: A terminal for passenger and vehicle ferries.
	enumeration	Tanker Terminal	7: A terminal for the bulk handling of liquid cargoes.
	enumeration	Passenger Terminal	8: A terminal for the loading and unloading of passengers.
	enumeration	Container Terminal	10: A terminal with facilities to load/unload or store shipping containers.
	enumeration	Bulk Terminal	11: A terminal for the handling of bulk materials such as iron ore, coal, etc.
Used by	Complex Type	categoryOfTerminalType	

Simple Type categoryOfTerminalCode

Namespace	http://www.ihodata.org/S131/2.0		
Annotations	Classification of terminals according to type of use, purpose, or type of cargo loaded or unloaded.		
Diagram	<p>The diagram shows a class named 'categoryOfTerminalCode' with a multiplicity of 0..1. It has a directed association to a class named 'xs:integer' with a multiplicity of 0..1. A callout box for 'categoryOfTerminalCode' states: 'Classification of terminals according to type of use, purpose, or type of cargo loaded or unloaded.' A callout box for 'xs:integer' states: 'Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...'</p>		
Type	restriction of xs:integer		
Facets	enumeration	1	A terminal for roll-on roll-off ferries.
	enumeration	3	A terminal for passenger and vehicle ferries.
	enumeration	7	A terminal for the bulk handling of liquid cargoes.
	enumeration	8	A terminal for the loading and unloading of passengers.
	enumeration	10	A terminal with facilities to load/unload or store shipping containers.
	enumeration	11	A terminal for the handling of bulk materials such as iron ore, coal, etc.
Used by	Attribute	categoryOfTerminalType/@code	

Simple Type Terminal_categoryOfTerminalLabel

Namespace	http://www.ihodata.org/S131/2.0		
Annotations	Custom enum: Terminal/categoryOfTerminal		
Diagram	<p>The diagram shows a class named 'Terminal_categoryOfTerminalLabel' with a multiplicity of 0..1. It has a directed association to a class named 'xs:string' with a multiplicity of 0..1. A callout box for 'Terminal_categoryOfTerminalLabel' states: 'Custom enum: Terminal/categoryOfTerminal'. A callout box for 'xs:string' states: 'Built-in primitive type. The string datatype represents character strings in XML.'</p>		
Type	restriction of xs:string		

Facets	enumeration	RoRo Terminal
	enumeration	Ferry Terminal
	enumeration	Tanker Terminal
	enumeration	Passenger Terminal
	enumeration	Container Terminal
	enumeration	Bulk Terminal
Used by	Complex Type	Terminal_categoryOfTerminalType

Simple Type Terminal_categoryOfTerminalCode

Namespace	http://www.ihc.int/S131/2.0	
Annotations	Custom enum: Terminal/categoryOfTerminal	
Diagram	<p>The diagram shows a UML class named 'Terminal_categoryOfTerminalCode' with a hollow diamond symbol indicating it is derived from another class. This derived class is connected by a line to another class named 'xs:integer'. Below the classes, there are two callouts: one pointing to 'Terminal_categoryOfTerminalCode' with the text 'Custom enum: Terminal/categoryOfTerminal', and another pointing to 'xs:integer' with the text 'Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...'.</p>	
Type	restriction of xs:integer	
Facets	enumeration	1 A terminal for roll-on roll-off ferries.
	enumeration	3 A terminal for passenger and vehicle ferries.
	enumeration	7 A terminal for the bulk handling of liquid cargoes.
	enumeration	8 A terminal for the loading and unloading of passengers.
	enumeration	10 A terminal with facilities to load/unload or store shipping containers.
	enumeration	11 A terminal for the handling of bulk materials such as iron ore, coal, etc.
Used by	Attribute	Terminal_categoryOfTerminalType/@code

Simple Type categoryOfTextLabel

Namespace	http://www.ihc.int/S131/2.0	
Annotations	Classification of completeness of textual information in relation to the source material from which it is derived.	
Diagram	<p>The diagram shows a UML class named 'categoryOfTextLabel' with a hollow diamond symbol indicating it is derived from another class. This derived class is connected by a line to another class named 'xs:string'. Below the classes, there are two callouts: one pointing to 'categoryOfTextLabel' with the text 'Classification of completeness of textual information in relation to the source material from which it is derived.', and another pointing to 'xs:string' with the text 'Built-in primitive type. The string datatype represents character strings in XML.'</p>	
Type	restriction of xs:string	
Facets	enumeration	Abstract or Summary 1: A statement summarizing the important points of a text.
	enumeration	Extract 2: An excerpt or excerpts from a text.
	enumeration	Full Text 3: The whole text.
Used by	Complex Type	categoryOfTextType

Simple Type categoryOfTextCode

Namespace	http://www.ihc.int/S131/2.0	
Annotations	Classification of completeness of textual information in relation to the source material from which it is derived.	
Diagram	<p>The diagram shows a UML class named 'categoryOfTextCode' with a hollow diamond symbol indicating it is derived from another class. This derived class is connected by a line to another class named 'xs:integer'. Below the classes, there are two callouts: one pointing to 'categoryOfTextCode' with the text 'Classification of completeness of textual information in relation to the source material from which it is derived.', and another pointing to 'xs:integer' with the text 'Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...'.</p>	
Type	restriction of xs:integer	

Facets	enumeration	1	A statement summarizing the important points of a text.
	enumeration	2	An excerpt or excerpts from a text.
	enumeration	3	The whole text.
Used by	Attribute	categoryOfTextType/@code	

Simple Type textContent_categoryOfTextLabel

Namespace	http://www.ihc.int/S131/2.0								
Annotations	Restricted values of textContent/categoryOfText								
Diagram	<p>textContent_categoryOfTextLabel</p> <p>xs:string</p> <p>Restricted values of textContent/categoryOfText</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>								
Type	restriction of xs:string								
Facets	<table border="1"> <tr> <td>enumeration</td> <td>Abstract or Summary</td> </tr> <tr> <td>enumeration</td> <td>Extract</td> </tr> <tr> <td>enumeration</td> <td>Full Text</td> </tr> </table>			enumeration	Abstract or Summary	enumeration	Extract	enumeration	Full Text
enumeration	Abstract or Summary								
enumeration	Extract								
enumeration	Full Text								
Used by	Complex Type	textContent_categoryOfTextType							

Simple Type textContent_categoryOfTextCode

Namespace	http://www.ihc.int/S131/2.0											
Annotations	Restricted values of textContent/categoryOfText											
Diagram	<p>textContent_categoryOfTextCode</p> <p>xs:integer</p> <p>Restricted values of textContent/categoryOfText</p> <p>Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...</p>											
Type	restriction of xs:integer											
Facets	<table border="1"> <tr> <td>enumeration</td> <td>1</td> <td>A statement summarizing the important points of a text.</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>An excerpt or excerpts from a text.</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>The whole text.</td> </tr> </table>			enumeration	1	A statement summarizing the important points of a text.	enumeration	2	An excerpt or excerpts from a text.	enumeration	3	The whole text.
enumeration	1	A statement summarizing the important points of a text.										
enumeration	2	An excerpt or excerpts from a text.										
enumeration	3	The whole text.										
Used by	Attribute	textContent_categoryOfTextType/@code										

Simple Type categoryOfVesselRegistryLabel

Namespace	http://www.ihc.int/S131/2.0								
Annotations	The locality of vessel registration or enrolment relative to the nationality of a port, territorial sea, administrative area, exclusive zone or other location.								
Diagram	<p>categoryOfVesselRegistryLabel</p> <p>xs:string</p> <p>The locality of vessel registration or enrolment relative to the nationality of a port, territorial sea, administrative...</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>								
Type	restriction of xs:string								
Facets	<table border="1"> <tr> <td>enumeration</td> <td>Domestic</td> <td>1: The vessel is registered or enrolled under the same national flag as the port, harbour, territorial sea, exclusive economic zone, or administrative area in which the object that possesses this attribute applies or is located.</td> </tr> <tr> <td>enumeration</td> <td>Foreign</td> <td>2: The vessel is registered or enrolled under a national flag different from the port, harbour, territorial sea, exclusive economic zone, or other administrative area in which the object that possesses this attribute applies or is located.</td> </tr> </table>			enumeration	Domestic	1: The vessel is registered or enrolled under the same national flag as the port, harbour, territorial sea, exclusive economic zone, or administrative area in which the object that possesses this attribute applies or is located.	enumeration	Foreign	2: The vessel is registered or enrolled under a national flag different from the port, harbour, territorial sea, exclusive economic zone, or other administrative area in which the object that possesses this attribute applies or is located.
enumeration	Domestic	1: The vessel is registered or enrolled under the same national flag as the port, harbour, territorial sea, exclusive economic zone, or administrative area in which the object that possesses this attribute applies or is located.							
enumeration	Foreign	2: The vessel is registered or enrolled under a national flag different from the port, harbour, territorial sea, exclusive economic zone, or other administrative area in which the object that possesses this attribute applies or is located.							
Used by	Complex Type	categoryOfVesselRegistryType							

Simple Type categoryOfVesselRegistryCode

Namespace	http://www.ihc.int/S131/2.0							
Annotations	The locality of vessel registration or enrolment relative to the nationality of a port, territorial sea, administrative area, exclusive zone or other location.							
Diagram	<p>The locality of vessel registration or enrolment relative to the nationality of a port, territorial sea, administrative...</p> <p>Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...</p>							
Type	restriction of xs:integer							
Facets	<table> <tr> <td>enumeration</td> <td>1</td> <td>The vessel is registered or enrolled under the same national flag as the port, harbour, territorial sea, exclusive economic zone, or administrative area in which the object that possesses this attribute applies or is located.</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>The vessel is registered or enrolled under a national flag different from the port, harbour, territorial sea, exclusive economic zone, or other administrative area in which the object that possesses this attribute applies or is located.</td> </tr> </table>		enumeration	1	The vessel is registered or enrolled under the same national flag as the port, harbour, territorial sea, exclusive economic zone, or administrative area in which the object that possesses this attribute applies or is located.	enumeration	2	The vessel is registered or enrolled under a national flag different from the port, harbour, territorial sea, exclusive economic zone, or other administrative area in which the object that possesses this attribute applies or is located.
enumeration	1	The vessel is registered or enrolled under the same national flag as the port, harbour, territorial sea, exclusive economic zone, or administrative area in which the object that possesses this attribute applies or is located.						
enumeration	2	The vessel is registered or enrolled under a national flag different from the port, harbour, territorial sea, exclusive economic zone, or other administrative area in which the object that possesses this attribute applies or is located.						
Used by	Attribute categoryOfVesselRegistryType/@code							

Simple Type Applicability_categoryOfVesselRegistryLabel

Namespace	http://www.ihc.int/S131/2.0					
Annotations	Custom enum: Applicability/categoryOfVesselRegistry					
Diagram	<p>Custom enum: Applicability/categoryOfVesselRegistry</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>					
Type	restriction of xs:string					
Facets	<table> <tr> <td>enumeration</td> <td>Domestic</td> </tr> <tr> <td>enumeration</td> <td>Foreign</td> </tr> </table>		enumeration	Domestic	enumeration	Foreign
enumeration	Domestic					
enumeration	Foreign					
Used by	Complex Type Applicability_categoryOfVesselRegistryType					

Simple Type Applicability_categoryOfVesselRegistryCode

Namespace	http://www.ihc.int/S131/2.0							
Annotations	Custom enum: Applicability/categoryOfVesselRegistry							
Diagram	<p>Custom enum: Applicability/categoryOfVesselRegistry</p> <p>Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...</p>							
Type	restriction of xs:integer							
Facets	<table> <tr> <td>enumeration</td> <td>1</td> <td>The vessel is registered or enrolled under the same national flag as the port, harbour, territorial sea, exclusive economic zone, or administrative area in which the object that possesses this attribute applies or is located.</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>The vessel is registered or enrolled under a national flag different from the port, harbour, territorial sea, exclusive economic zone, or other administrative area in which the object that possesses this attribute applies or is located.</td> </tr> </table>		enumeration	1	The vessel is registered or enrolled under the same national flag as the port, harbour, territorial sea, exclusive economic zone, or administrative area in which the object that possesses this attribute applies or is located.	enumeration	2	The vessel is registered or enrolled under a national flag different from the port, harbour, territorial sea, exclusive economic zone, or other administrative area in which the object that possesses this attribute applies or is located.
enumeration	1	The vessel is registered or enrolled under the same national flag as the port, harbour, territorial sea, exclusive economic zone, or administrative area in which the object that possesses this attribute applies or is located.						
enumeration	2	The vessel is registered or enrolled under a national flag different from the port, harbour, territorial sea, exclusive economic zone, or other administrative area in which the object that possesses this attribute applies or is located.						
Used by	Attribute Applicability_categoryOfVesselRegistryType/@code							

Simple Type categoryOfVoltageLabel

Namespace	http://www.ihc.int/S131/2.0	
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Annotations	The electrical voltage provided by the power supply station.		
Diagram	<p>The diagram shows a UML class named 'categoryOfVoltageLabel' with a multiplicity of 0..1. It has a directed association to the built-in primitive type 'xs:string'. A callout box points to 'categoryOfVoltageLabel' with the text 'The electrical voltage provided by the power supply station.' Another callout box points to 'xs:string' with the text 'Built-in primitive type. The string datatype represents character strings in XML.'</p>		
Type	restriction of xs:string		
Facets	enumeration	230V	1: 230 Volts
	enumeration	400V	2: 400 Volts.
	enumeration	120V	3: 120 Volts
	enumeration	120V or 240V	4: 120/240 Volts
	enumeration	208V	5: 208 Volts
	enumeration	440V	6: 440 Volts
	enumeration	440V or 690V	7: 440/690 Volts
	enumeration	480V	8: 480 Volts
	enumeration	690V	9: 690 Volts
	enumeration	6600V	10: 6.6 kiloVolts
	enumeration	6600V or 11000V	11: 6.6/11 kiloVolts
	enumeration	11000V	12: 11 kiloVolts
	enumeration	22000V	13: 22 kiloVolts
	enumeration	380V	14: 380 Volts
	enumeration	11000V or 22000V	15: 11/22 kiloVolts
Used by	Complex Type	categoryOfVoltageType	

Simple Type categoryOfVoltageCode

Namespace	http://www.aho.int/S131/2.0		
Annotations	The electrical voltage provided by the power supply station.		
Diagram	<p>The diagram shows a UML class named 'categoryOfVoltageCode' with a multiplicity of 0..1. It has a directed association to the built-in derived type 'xs:integer'. A callout box points to 'categoryOfVoltageCode' with the text 'The electrical voltage provided by the power supply station.' Another callout box points to 'xs:integer' with the text 'Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...'</p>		
Type	restriction of xs:integer		
Facets	enumeration	1	230 Volts
	enumeration	2	400 Volts.
	enumeration	3	120 Volts
	enumeration	4	120/240 Volts
	enumeration	5	208 Volts
	enumeration	6	440 Volts
	enumeration	7	440/690 Volts
	enumeration	8	480 Volts
	enumeration	9	690 Volts
	enumeration	10	6.6 kiloVolts
	enumeration	11	6.6/11 kiloVolts
	enumeration	12	11 kiloVolts
	enumeration	13	22 kiloVolts
	enumeration	14	380 Volts
	enumeration	15	11/22 kiloVolts
Used by	Attribute	categoryOfVoltageType/@code	

Simple Type Berth_categoryOfVoltageLabel

Namespace	http://www.aho.int/S131/2.0		
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Annotations	Custom enum: Berth/categoryOfVoltage	
Diagram		<p>Custom enum: Berth/categoryOfVoltage</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>
Type	restriction of xs:string	
Facets	enumeration 230V enumeration 400V enumeration 120V enumeration 120V or 240V enumeration 208V enumeration 440V enumeration 440V or 690V enumeration 480V enumeration 690V enumeration 6600V enumeration 6600V or 11000V enumeration 11000V enumeration 22000V enumeration 380V enumeration 11000V or 22000V	
Used by	Complex Type	Berth_categoryOfVoltageType

Simple Type Berth_categoryOfVoltageCode

Namespace	http://www.aho.int/S131/2.0	
Annotations	Custom enum: Berth/categoryOfVoltage	
Diagram		<p>Custom enum: Berth/categoryOfVoltage</p> <p>Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...</p>
Type	restriction of xs:integer	
Facets	enumeration 1 230 Volts enumeration 2 400 Volts. enumeration 3 120 Volts enumeration 4 120/240 Volts enumeration 5 208 Volts enumeration 6 440 Volts enumeration 7 440/690 Volts enumeration 8 480 Volts enumeration 9 690 Volts enumeration 10 6.6 kiloVolts enumeration 11 6.6/11 kiloVolts enumeration 12 11 kiloVolts enumeration 13 22 kiloVolts enumeration 14 380 Volts enumeration 15 11/22 kiloVolts	
Used by	Attribute	Berth_categoryOfVoltageType/@code

Simple Type OnshorePowerFacility_categoryOfVoltageLabel

Namespace	http://www.aho.int/S131/2.0
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Annotations	Custom enum: OnshorePowerFacility/categoryOfVoltage	
Diagram		
		Custom enum: OnshorePowerFacility/categoryOfVoltage
		Built-in primitive type. The string datatype represents character strings in XML.
Type	restriction of xs:string	
Facets	enumeration	230V
	enumeration	400V
	enumeration	120V
	enumeration	120V or 240V
	enumeration	208V
	enumeration	440V
	enumeration	440V or 690V
	enumeration	480V
	enumeration	690V
	enumeration	6600V
	enumeration	6600V or 11000V
	enumeration	11000V
	enumeration	22000V
	enumeration	380V
	enumeration	11000V or 22000V
Used by	Complex Type	OnshorePowerFacility_categoryOfVoltageType

Simple Type OnshorePowerFacility_categoryOfVoltageCode

Namespace	http://www.ihc.int/S131/2.0		
Annotations	Custom enum: OnshorePowerFacility/categoryOfVoltage		
Diagram	<pre> classDiagram class OnshorePowerFacility_categoryOfVoltageCode { <<Custom enum: OnshorePowerFacility/categoryOfVoltage>> } class xs_integer { <<Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...>> } OnshorePowerFacility_categoryOfVoltageCode < -- xs_integer </pre>		
Type	restriction of xs:integer		
Facets	enumeration	1	230 Volts
	enumeration	2	400 Volts.
	enumeration	3	120 Volts
	enumeration	4	120/240 Volts
	enumeration	5	208 Volts
	enumeration	6	440 Volts
	enumeration	7	440/690 Volts
	enumeration	8	480 Volts
	enumeration	9	690 Volts
	enumeration	10	6.6 kiloVolts
	enumeration	11	6.6/11 kiloVolts
	enumeration	12	11 kiloVolts
	enumeration	13	22 kiloVolts
	enumeration	14	380 Volts
	enumeration	15	11/22 kiloVolts
Used by	Attribute	OnshorePowerFacility_categoryOfVoltageType/@code	

Simple Type `cathodicProtectionSystemType`

Namespace <http://www.ihc.int/S1312.0>

Annotations	A system used to protect metal structures against corrosion by supplying direct current to the immersed external surface of the structure.	
Diagram	<pre> classDiagram class cathodicProtectionSystemType class xs.boolean cathodicProtectionSystemType --> xs.boolean </pre> <p>A system used to protect metal structures against corrosion by supplying direct current to the immersed external...</p> <p>Built-in primitive type. It defines the boolean values true and false.</p>	
Type	xs:boolean	
Used by	Element	BerthType/cathodicProtectionSystem

Simple Type cityNameType

Namespace	http://www.oho.int/S131/2.0	
Annotations	The name of a town or city.	
Diagram	<pre> classDiagram class cityNameType class xs.string cityNameType --> xs.string </pre> <p>The name of a town or city.</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>	
Type	xs:string	
Used by	Element	contactAddressType/cityName

Simple Type communicationChannelType

Namespace	http://www.oho.int/S131/2.0	
Annotations	A channel number assigned to a specific radio frequency, frequencies or frequency band.	
Diagram	<pre> classDiagram class communicationChannelType class xs.string communicationChannelType --> xs.string </pre> <p>A channel number assigned to a specific radio frequency, frequencies or frequency band.</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>	
Type	xs:string	
Used by	Element	ContactDetailsType/communicationChannel

Simple Type comparisonOperatorLabel

Namespace	http://www.oho.int/S131/2.0	
Annotations	Numerical comparison.	
Diagram	<pre> classDiagram class comparisonOperatorLabel class xs.string comparisonOperatorLabel --> xs.string </pre> <p>Numerical comparison.</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>	
Type	restriction of xs:string	
Facets	enumeration	Greater Than
		1: The value of the left value is greater than that of the right.
	enumeration	Greater Than or Equal To
		2: The value of the left expression is greater than or equal to that of the right.
	enumeration	Less Than
		3: The value of the left expression is less than that of the right.
Facets	enumeration	Less Than or Equal To
		4: The value of the left expression is less than or equal to that of the right.
	enumeration	Equal To
		5: The two values are equivalent.
	enumeration	Not Equal To
		6: The two values are not equivalent.
Used by	Complex Type	comparisonOperatorType

Simple Type comparisonOperatorCode

Namespace	http://www.oho.int/S131/2.0	
Annotations	Numerical comparison.	

Diagram	<p>Numerical comparison.</p> <p>Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...</p>	
Type	restriction of xs:integer	
Facets	enumeration	1
	enumeration	2
	enumeration	3
	enumeration	4
	enumeration	5
	enumeration	6
Used by	Attribute	vesselMeasurementsSpecification_comparisonOperatorType/@code

Simple Type vesselMeasurementsSpecification_comparisonOperatorLabel

Namespace	http://www.ihc.int/S131/2.0	
Annotations	Restricted values of vesselMeasurementsSpecification/comparisonOperator	
Diagram	<p>Restricted values of vesselMeasurementsSpecification/comparisonOperator</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>	
Type	restriction of xs:string	
Facets	enumeration	Greater Than
	enumeration	Greater Than or Equal To
	enumeration	Less Than
	enumeration	Less Than or Equal To
	enumeration	Equal To
	enumeration	Not Equal To
Used by	Complex Type	vesselMeasurementsSpecification_comparisonOperatorType

Simple Type vesselMeasurementsSpecification_comparisonOperatorCode

Namespace	http://www.ihc.int/S131/2.0	
Annotations	Restricted values of vesselMeasurementsSpecification/comparisonOperator	
Diagram	<p>Restricted values of vesselMeasurementsSpecification/comparisonOperator</p> <p>Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...</p>	
Type	restriction of xs:integer	
Facets	enumeration	1
	enumeration	2
	enumeration	3
	enumeration	4
	enumeration	5
	enumeration	6
Used by	Attribute	vesselMeasurementsSpecification_comparisonOperatorType/@code

Simple Type conditionLabel

Namespace	http://www.ihc.int/S131/2.0
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Annotations	The various conditions of buildings and other constructions.		
Diagram			
Type	restriction of xs:string		
Facets	enumeration	Under Construction	1: Being built but not yet capable of function.
	enumeration	Ruined	2: A structure in a decayed or deteriorated condition resulting from neglect or disuse, or a damaged structure in need of repair.
	enumeration	Under Reclamation	3: An area of the sea, a lake or the navigable part of a river that is being reclaimed as land, usually by the dumping of earth and other material.
	enumeration	Planned Construction	5: Detailed planning has been completed but construction has not been initiated.
Used by	Complex Type	conditionType	

Simple Type conditionCode

Namespace	http://www.aho.int/S131/2.0		
Annotations	The various conditions of buildings and other constructions.		
Diagram			
Type	restriction of xs:integer		
Facets	enumeration	1	Being built but not yet capable of function.
	enumeration	2	A structure in a decayed or deteriorated condition resulting from neglect or disuse, or a damaged structure in need of repair.
	enumeration	3	An area of the sea, a lake or the navigable part of a river that is being reclaimed as land, usually by the dumping of earth and other material.
	enumeration	5	Detailed planning has been completed but construction has not been initiated.
Used by	Attribute	conditionType/@code	

Simple Type constructionInformation_conditionLabel

Namespace	http://www.aho.int/S131/2.0		
Annotations	Restricted values of constructionInformation/condition		
Diagram			
Type	restriction of xs:string		
Facets	enumeration	Under Construction	
	enumeration	Ruined	
	enumeration	Under Reclamation	
	enumeration	Planned Construction	
Used by	Complex Type	constructionInformation_conditionType	

Simple Type constructionInformation_conditionCode

Namespace	http://www.aho.int/S131/2.0		
Annotations	Restricted values of constructionInformation/condition		

Diagram	<p>Restricted values of constructionInformation/condition</p> <p>Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...</p>	
Type	restriction of xs:integer	
Facets	enumeration	1
	enumeration	2
	enumeration	3
	enumeration	5
Used by	Attribute	constructionInformation_conditionType/@code

Simple Type contactInstructionsType

Namespace	http://www.aho.int/S131/2.0	
Annotations	Instructions provided on how to contact a particular person, organisation or service.	
Diagram	<p>Instructions provided on how to contact a particular person, organisation or service.</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>	
Type	xs:string	
Used by	Elements ContactDetailsType/contactInstructions, telecommunicationsType/contactInstructions	

Simple Type countryNameType

Namespace	http://www.aho.int/S131/2.0	
Annotations	The name of a nation.	
Diagram	<p>The name of a nation.</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>	
Type	xs:string	
Used by	Elements contactAddressType/countryName, sourceIndicationType/countryName	

Simple Type dateVariableType

Namespace	http://www.aho.int/S131/2.0	
Annotations	A day which is not fixed in the Gregorian calendar.	
Diagram	<p>A day which is not fixed in the Gregorian calendar.</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>	
Type	xs:string	
Used by	Element NonStandardWorkingDayType/dateVariable	

Simple Type dayOfWeekLabel

Namespace	http://www.aho.int/S131/2.0	
Annotations	Any one of seven days in a week.	
Diagram	<p>Any one of seven days in a week.</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>	

Type	restriction of xs:string		
Facets	enumeration	Sunday	1: The day of the week following Saturday and preceding Monday.
	enumeration	Monday	2: The day of the week following Sunday and preceding Tuesday.
	enumeration	Tuesday	3: The day of the week following Monday and preceding Wednesday.
	enumeration	Wednesday	4: The day of the week following Tuesday and preceding Thursday.
	enumeration	Thursday	5: The day of the week following Wednesday and preceding Friday.
	enumeration	Friday	6: The day of the week following Thursday and preceding Saturday.
	enumeration	Saturday	7: The day of the week following Friday and preceding Sunday.
Used by	Complex Type	dayOfWeekType	

Simple Type dayOfWeekCode

Namespace	http://www.aho.int/S131/2.0		
Annotations	Any one of seven days in a week.		
Diagram	<p>Any one of seven days in a week. Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...</p>		
Type	restriction of xs:integer		
Facets	enumeration	1	The day of the week following Saturday and preceding Monday.
	enumeration	2	The day of the week following Sunday and preceding Tuesday.
	enumeration	3	The day of the week following Monday and preceding Wednesday.
	enumeration	4	The day of the week following Tuesday and preceding Thursday.
	enumeration	5	The day of the week following Wednesday and preceding Friday.
	enumeration	6	The day of the week following Thursday and preceding Saturday.
	enumeration	7	The day of the week following Friday and preceding Sunday.
Used by	Attribute	dayOfWeekType/@code	

Simple Type timeIntervalsByDayOfWeek_dayOfWeekLabel

Namespace	http://www.aho.int/S131/2.0		
Annotations	Restricted values of timeIntervalsByDayOfWeek/dayOfWeek		
Diagram	<p>Restricted values of timeIntervalsByDayOfWeek/dayOfWeek. Built-in primitive type. The string datatype represents character strings in XML.</p>		
Type	restriction of xs:string		
Facets	enumeration	Sunday	
	enumeration	Monday	
	enumeration	Tuesday	
	enumeration	Wednesday	
	enumeration	Thursday	
	enumeration	Friday	
	enumeration	Saturday	

Used by	Complex Type	timeIntervalsByDayOfWeek_dayOfWeekType
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Simple Type timeIntervalsByDayOfWeek_dayOfWeekCode

Namespace	http://www.iho.int/S131/2.0	
Annotations	Restricted values of timeIntervalsByDayOfWeek/dayOfWeek	
Diagram	<p>timeIntervalsByDayOfWeek_dayOfWeekCode → xs:integer</p> <p>Restricted values of timeIntervalsByDayOfWeek/dayOfWeek</p> <p>Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...</p>	
Type	restriction of xs:integer	
Facets	enumeration	1 The day of the week following Saturday and preceding Monday.
	enumeration	2 The day of the week following Sunday and preceding Tuesday.
	enumeration	3 The day of the week following Monday and preceding Wednesday.
	enumeration	4 The day of the week following Tuesday and preceding Thursday.
	enumeration	5 The day of the week following Wednesday and preceding Friday.
	enumeration	6 The day of the week following Thursday and preceding Saturday.
	enumeration	7 The day of the week following Friday and preceding Sunday.
Used by	Attribute	timeIntervalsByDayOfWeek_dayOfWeekType/@code

Simple Type dayOfWeekIsRangeType

Namespace	http://www.iho.int/S131/2.0	
Annotations	A statement expressing if the days of the week identified define a range or not.	
Diagram	<p>dayOfWeekIsRangeType → xs:boolean</p> <p>A statement expressing if the days of the week identified define a range or not.</p> <p>Built-in primitive type. It defines the boolean values true and false.</p>	
Type	xs:boolean	
Used by	Element timeIntervalsByDayOfWeekType/dayOfWeekIsRange	

Simple Type deliveryPointType

Namespace	http://www.iho.int/S131/2.0	
Annotations	Details of where post can be delivered such as the apartment, name and/or number of a street, building or PO Box.	
Diagram	<p>deliveryPointType → xs:string</p> <p>Details of where post can be delivered such as the apartment, name and/or number of a street, building or PO Box.</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>	
Type	xs:string	
Used by	Element contactAddressType/deliveryPoint	

Simple Type destinationType

Namespace	http://www.iho.int/S131/2.0	
Annotations	The place or general direction to which a vessel is going or directed.	
Diagram	<p>destinationType → xs:string</p> <p>The place or general direction to which a vessel is going or directed.</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>	

Type	xs:string
Used by	Element ApplicabilityType/destination

Simple Type developmentType

Namespace	http://www.ihc.int/S131/2.0
Annotations	Describes a feature that is in development.
Diagram	<pre> classDiagram class developmentType { <<developmentType>> } class xsString { <<xs:string>> } developmentType < -- xsString note over developmentType: Describes a feature that is in development. note over xsString: Built-in primitive type. The string datatype represents character strings in XML. </pre>
Type	xs:string
Used by	Element constructionInformationType/development

Simple Type distanceType

Namespace	http://www.ihc.int/S131/2.0
Annotations	A numeric measure of the spatial separation between two locations.
Diagram	<pre> classDiagram class distanceType { <<distanceType>> } class xsDecimal { <<xs:decimal>> } distanceType < -- xsDecimal note over distanceType: A numeric measure of the spatial separation between two locations. note over xsDecimal: Built-in primitive type. The decimal datatype represents arbitrary precision decimal numbers. </pre>
Type	xs:decimal
Used by	Element bearingInformationType/distance

Simple Type dynamicResourceLabel

Namespace	http://www.ihc.int/S131/2.0												
Annotations	Whether a vessel must use a shore-based or other resource to obtain up-to-date information.												
Diagram	<pre> classDiagram class dynamicResourceLabel { <<dynamicResourceLabel>> } class xsString { <<xs:string>> } dynamicResourceLabel < -- xsString note over dynamicResourceLabel: Whether a vessel must use a shore-based or other resource to obtain up-to-date information. note over xsString: Built-in primitive type. The string datatype represents character strings in XML. </pre>												
Type	restriction of xs:string												
Facets	<table> <tr> <td>enumeration</td> <td>Static</td> <td>1: The information is static, or a source of up-to-date information is unavailable or unknown.</td> </tr> <tr> <td>enumeration</td> <td>Mandatory External Dynamic</td> <td>2: An external source of up-to-date information is available and interaction with it to obtain up-to-date information is required.</td> </tr> <tr> <td>enumeration</td> <td>Optional External Dynamic</td> <td>3: An external source of up-to-date information is available but interaction with it to obtain up-to-date information is not required.</td> </tr> <tr> <td>enumeration</td> <td>Onboard Dynamic</td> <td>4: Up-to-date information may be computed using only onboard resources.</td> </tr> </table>	enumeration	Static	1: The information is static, or a source of up-to-date information is unavailable or unknown.	enumeration	Mandatory External Dynamic	2: An external source of up-to-date information is available and interaction with it to obtain up-to-date information is required.	enumeration	Optional External Dynamic	3: An external source of up-to-date information is available but interaction with it to obtain up-to-date information is not required.	enumeration	Onboard Dynamic	4: Up-to-date information may be computed using only onboard resources.
enumeration	Static	1: The information is static, or a source of up-to-date information is unavailable or unknown.											
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enumeration	Optional External Dynamic	3: An external source of up-to-date information is available but interaction with it to obtain up-to-date information is not required.											
enumeration	Onboard Dynamic	4: Up-to-date information may be computed using only onboard resources.											
Used by	Complex Type dynamicResourceType												

Simple Type dynamicResourceCode

Namespace	http://www.ihc.int/S131/2.0
Annotations	Whether a vessel must use a shore-based or other resource to obtain up-to-date information.
Diagram	<pre> classDiagram class dynamicResourceCode { <<dynamicResourceCode>> } class xsInteger { <<xs:integer>> } dynamicResourceCode < -- xsInteger note over dynamicResourceCode: Whether a vessel must use a shore-based or other resource to obtain up-to-date information. note over xsInteger: Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This... </pre>
Type	restriction of xs:integer

Facets	enumeration	1	The information is static, or a source of up-to-date information is unavailable or unknown.
	enumeration	2	An external source of up-to-date information is available and interaction with it to obtain up-to-date information is required.
	enumeration	3	An external source of up-to-date information is available but interaction with it to obtain up-to-date information is not required.
	enumeration	4	Up-to-date information may be computed using only onboard resources.
Used by	Attribute	dynamicResourceType/@code	

Simple Type weatherResource_dynamicResourceLabel

Namespace	http://www.oho.int/S131/2.0		
Annotations	Restricted values of weatherResource/dynamicResource		
Diagram			
Type	restriction of xs:string		
Facets	enumeration	Static	
	enumeration	Mandatory External Dynamic	
	enumeration	Optional External Dynamic	
	enumeration	Onboard Dynamic	
Used by	Complex Type	weatherResource_dynamicResourceType	

Simple Type weatherResource_dynamicResourceCode

Namespace	http://www.oho.int/S131/2.0		
Annotations	Restricted values of weatherResource/dynamicResource		
Diagram			
Type	restriction of xs:integer		
Facets	enumeration	1	The information is static, or a source of up-to-date information is unavailable or unknown.
	enumeration	2	An external source of up-to-date information is available and interaction with it to obtain up-to-date information is required.
	enumeration	3	An external source of up-to-date information is available but interaction with it to obtain up-to-date information is not required.
	enumeration	4	Up-to-date information may be computed using only onboard resources.
Used by	Attribute	weatherResource_dynamicResourceType/@code	

Simple Type elevationType

Namespace	http://www.oho.int/S131/2.0		
Annotations	The altitude of the ground level of an object, measured from a specified vertical datum.		
Diagram			

Type	restriction of xs:decimal	
Facets	maxInclusive	8850.0
	minInclusive	0.0
Used by	Element	BerthType/elevation

Simple Type entranceDescriptionType

Namespace	http://www.ihc.int/S131/2.0	
Annotations	Description of the seaward end of a channel, harbour, dock, etc.	
Diagram	<pre> graph LR entranceDescriptionType[entranceDescriptionType] --> xsString[xs:string] style entranceDescriptionType fill:#e0f2e0 style xsString fill:#e0f2e0 </pre> <p>Description of the seaward end of a channel, harbour, dock, etc.</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>	
Type	xs:string	
Used by	Element	EntranceType/entranceDescription

Simple Type fileLocatorType

Namespace	http://www.ihc.int/S131/2.0	
Annotations	The location of a fragment of text or other information in a support file.	
Diagram	<pre> graph LR fileLocatorType[fileLocatorType] --> xsString[xs:string] style fileLocatorType fill:#e0f2e0 style xsString fill:#e0f2e0 </pre> <p>The location of a fragment of text or other information in a support file.</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>	
Type	xs:string	
Used by	Element	informationType/fileLocator

Simple Type fileReferenceType

Namespace	http://www.ihc.int/S131/2.0	
Annotations	The file name of an externally referenced text file.	
Diagram	<pre> graph LR fileReferenceType[fileReferenceType] --> xsString[xs:string] style fileReferenceType fill:#e0f2e0 style xsString fill:#e0f2e0 </pre> <p>The file name of an externally referenced text file.</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>	
Type	xs:string	
Used by	Element	informationType/fileReference

Simple Type firefightingServiceLabel

Namespace	http://www.ihc.int/S131/2.0	
Annotations	Services for combating fires, provided by different methods.	
Diagram	<pre> graph LR firefightingServiceLabel[firefightingServiceLabel] --> xsString[xs:string] style firefightingServiceLabel fill:#e0f2e0 style xsString fill:#e0f2e0 </pre> <p>Services for combating fires, provided by different methods.</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>	
Type	restriction of xs:string	
Facets	enumeration	Shore-Based Firefighting 1: Personnel and equipment that are capable of combating a fire from ashore.
	enumeration	Onboard Firefighting 2: Trained firefighting personnel with the capability of boarding and combating a fire on a vessel.
	enumeration	Firefighting Boat 3: Specialised watercraft with firefighting apparatus designed for fighting shoreline and shipboard fires

Used by	Complex Type	firefightingServiceType
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Simple Type firefightingServiceCode

Namespace	http://www.ihc.int/S131/2.0										
Annotations	Services for combating fires, provided by different methods.										
Diagram	<pre> graph LR A([firefightingServiceCode]) --> B(xs:integer) </pre> <p>The diagram shows a simple type named "firefightingServiceCode" connected by a line to the built-in type "xs:integer". A callout box under "firefightingServiceCode" states: "Services for combating fires, provided by different methods.". A callout box under "xs:integer" states: "Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...".</p>										
Type	restriction of xs:integer										
Facets	<table> <tr> <td>enumeration</td> <td>1</td> <td>Personnel and equipment that are capable of combating a fire from ashore.</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>Trained firefighting personnel with the capability of boarding and combating a fire on a vessel.</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>Specialised watercraft with firefighting apparatus designed for fighting shoreline and shipboard fires</td> </tr> </table>		enumeration	1	Personnel and equipment that are capable of combating a fire from ashore.	enumeration	2	Trained firefighting personnel with the capability of boarding and combating a fire on a vessel.	enumeration	3	Specialised watercraft with firefighting apparatus designed for fighting shoreline and shipboard fires
enumeration	1	Personnel and equipment that are capable of combating a fire from ashore.									
enumeration	2	Trained firefighting personnel with the capability of boarding and combating a fire on a vessel.									
enumeration	3	Specialised watercraft with firefighting apparatus designed for fighting shoreline and shipboard fires									
Used by	Attribute	firefightingServiceType/@code									

Simple Type AvailablePortServices_firefightingServiceLabel

Namespace	http://www.ihc.int/S131/2.0							
Annotations	Custom enum: AvailablePortServices/firefightingService							
Diagram	<pre> graph LR A([AvailablePortServices_firefightingServiceLabel]) --> B(xs:string) </pre> <p>The diagram shows a simple type named "AvailablePortServices_firefightingServiceLabel" connected by a line to the built-in type "xs:string". A callout box under "AvailablePortServices_firefightingServiceLabel" states: "Custom enum: AvailablePortServices/firefightingService". A callout box under "xs:string" states: "Built-in primitive type. The string datatype represents character strings in XML."</p>							
Type	restriction of xs:string							
Facets	<table> <tr> <td>enumeration</td> <td>Shore-Based Firefighting</td> </tr> <tr> <td>enumeration</td> <td>Onboard Firefighting</td> </tr> <tr> <td>enumeration</td> <td>Firefighting Boat</td> </tr> </table>		enumeration	Shore-Based Firefighting	enumeration	Onboard Firefighting	enumeration	Firefighting Boat
enumeration	Shore-Based Firefighting							
enumeration	Onboard Firefighting							
enumeration	Firefighting Boat							
Used by	Complex Type	AvailablePortServices_firefightingServiceType						

Simple Type AvailablePortServices_firefightingServiceCode

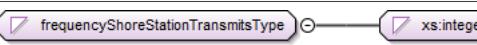
Namespace	http://www.ihc.int/S131/2.0										
Annotations	Custom enum: AvailablePortServices/firefightingService										
Diagram	<pre> graph LR A([AvailablePortServices_firefightingServiceCode]) --> B(xs:integer) </pre> <p>The diagram shows a simple type named "AvailablePortServices_firefightingServiceCode" connected by a line to the built-in type "xs:integer". A callout box under "AvailablePortServices_firefightingServiceCode" states: "Custom enum: AvailablePortServices/firefightingService". A callout box under "xs:integer" states: "Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...".</p>										
Type	restriction of xs:integer										
Facets	<table> <tr> <td>enumeration</td> <td>1</td> <td>Personnel and equipment that are capable of combating a fire from ashore.</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>Trained firefighting personnel with the capability of boarding and combating a fire on a vessel.</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>Specialised watercraft with firefighting apparatus designed for fighting shoreline and shipboard fires</td> </tr> </table>		enumeration	1	Personnel and equipment that are capable of combating a fire from ashore.	enumeration	2	Trained firefighting personnel with the capability of boarding and combating a fire on a vessel.	enumeration	3	Specialised watercraft with firefighting apparatus designed for fighting shoreline and shipboard fires
enumeration	1	Personnel and equipment that are capable of combating a fire from ashore.									
enumeration	2	Trained firefighting personnel with the capability of boarding and combating a fire on a vessel.									
enumeration	3	Specialised watercraft with firefighting apparatus designed for fighting shoreline and shipboard fires									
Used by	Attribute	AvailablePortServices_firefightingServiceType/@code									

Simple Type frequencyShoreStationReceivesType

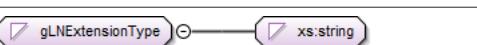
Namespace	http://www.ihc.int/S131/2.0	
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Annotations	The shore station receiver frequency.
Diagram	 <p>The shore station receiver frequency.</p> <p>Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...</p>
Type	restriction of xs:integer
Facets	minExclusive 0
Used by	Element frequencyPairType/frequencyShoreStationReceives

Simple Type frequencyShoreStationTransmitsType

Namespace	http://www.ihc.int/S131/2.0
Annotations	The shore station transmitter frequency.
Diagram	 <p>The shore station transmitter frequency.</p> <p>Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...</p>
Type	restriction of xs:integer
Facets	minExclusive 0
Used by	Element frequencyPairType/frequencyShoreStationTransmits

Simple Type gLNExtensionType

Namespace	http://www.ihc.int/S131/2.0
Annotations	The GLN extension component is used to identify internal physical locations within a location which is identified with a GLN. Must conform to the rules for GLN extension. (GS1 specification).
Diagram	 <p>The GLN extension component is used to identify internal physical locations within a location which is identified with...</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>
Type	xs:string
Used by	Elements BerthPositionType/gLNExtension, BerthType/gLNExtension

Simple Type globalLocationNumberType

Namespace	http://www.ihc.int/S131/2.0
Annotations	A globally unique, standardised identifier for parties and locations in business processes or supply chains.
Diagram	 <p>A globally unique, standardised identifier for parties and locations in business processes or supply chains.</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>
Type	xs:string
Used by	Elements FeatureTypeType/globalLocationNumber

Simple Type headlineType

Namespace	http://www.ihc.int/S131/2.0
Annotations	Words set at the head of a passage or page to introduce or categorize.
Diagram	 <p>Words set at the head of a passage or page to introduce or categorize.</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>
Type	xs:string

Used by	Elements	informationType/headline, rxNCodeType/headline
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Simple Type heavingLinesFromShoreType

Namespace	http://www.ihc.int/S131/2.0
Annotations	Ships must take heaving lines thrown from the shore.
Diagram	
Type	xs:boolean
Used by	Element MooringWarpingFacilityType/heavingLinesFromShore

Simple Type heightType

Namespace	http://www.ihc.int/S131/2.0
Annotations	The value of the vertical distance to the highest point of the feature, measured from a specified vertical datum.
Diagram	
Type	restriction of xs:decimal
Facets	minExclusive 0 .0
Used by	Element BollardType/height

Simple Type horizontalDistanceUncertaintyType

Namespace	http://www.ihc.int/S131/2.0
Annotations	The best estimate of the horizontal accuracy of horizontal clearances and distances.
Diagram	
Type	restriction of xs:decimal
Facets	minInclusive 0
Used by	Element QualityOfNonBathymetricDataType/horizontalDistanceUncertainty

Simple Type iDCodeType

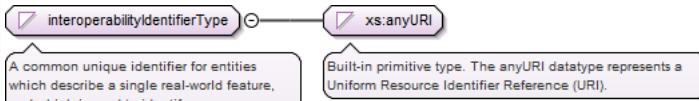
Namespace	http://www.ihc.int/S131/2.0
Annotations	Identification code as specified in predefined system. Also called identification number.
Diagram	
Type	xs:string
Used by	Elements MooringWarpingFacilityType/iDCode, OnshorePowerFacilityType/iDCode

Simple Type inBallastType

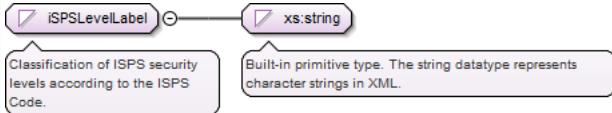
Namespace	http://www.ihc.int/S131/2.0
Annotations	Whether the vessel is in ballast.

Diagram	
Type	xs:boolean
Used by	Element ApplicabilityType/inBallast

Simple Type interoperabilityIdentifierType

Namespace	http://www.ihodata.org/S131/2.0
Annotations	A common unique identifier for entities which describe a single real-world feature, and which is used to identify instances of the feature in end-user systems where the feature may be included in multiple data product types.
Diagram	
Type	xs:anyURI
Used by	Elements DataCoverageType/interoperabilityIdentifier, FeatureTypeType/interoperabilityIdentifier, QualityOfNonBathymetricDataType/interoperabilityIdentifier

Simple Type iSPSLevelLabel

Namespace	http://www.ihodata.org/S131/2.0									
Annotations	Classification of ISPS security levels according to the ISPS Code.									
Diagram										
Type	restriction of xs:string									
Facets	<table> <tr> <td>enumeration</td> <td>ISPS Level 1</td> <td>1: The level for which minimum appropriate protective security measures shall be maintained at all times.</td> </tr> <tr> <td>enumeration</td> <td>ISPS Level 2</td> <td>2: The level for which appropriate additional protective security measures shall be maintained for a period of time as a result of heightened risk of a security incident.</td> </tr> <tr> <td>enumeration</td> <td>ISPS Level 3</td> <td>3: The level for which further specific protective security measures shall be maintained for a limited period of time when a security incident is probable or imminent, although it may not be possible to identify the specific target.</td> </tr> </table>	enumeration	ISPS Level 1	1: The level for which minimum appropriate protective security measures shall be maintained at all times.	enumeration	ISPS Level 2	2: The level for which appropriate additional protective security measures shall be maintained for a period of time as a result of heightened risk of a security incident.	enumeration	ISPS Level 3	3: The level for which further specific protective security measures shall be maintained for a limited period of time when a security incident is probable or imminent, although it may not be possible to identify the specific target.
enumeration	ISPS Level 1	1: The level for which minimum appropriate protective security measures shall be maintained at all times.								
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enumeration	ISPS Level 3	3: The level for which further specific protective security measures shall be maintained for a limited period of time when a security incident is probable or imminent, although it may not be possible to identify the specific target.								
Used by	Complex Type iSPSLevelType									

Simple Type iSPSLevelCode

Namespace	http://www.ihodata.org/S131/2.0						
Annotations	Classification of ISPS security levels according to the ISPS Code.						
Diagram							
Type	restriction of xs:integer						
Facets	<table> <tr> <td>enumeration</td> <td>1</td> <td>The level for which minimum appropriate protective security measures shall be maintained at all times.</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>The level for which appropriate additional protective security measures shall be maintained</td> </tr> </table>	enumeration	1	The level for which minimum appropriate protective security measures shall be maintained at all times.	enumeration	2	The level for which appropriate additional protective security measures shall be maintained
enumeration	1	The level for which minimum appropriate protective security measures shall be maintained at all times.					
enumeration	2	The level for which appropriate additional protective security measures shall be maintained					

		for a period of time as a result of heightened risk of a security incident.
	enumeration 3	The level for which further specific protective security measures shall be maintained for a limited period of time when a security incident is probable or imminent, although it may not be possible to identify the specific target.
Used by	Attribute iSPSLevelType/@code	

Simple Type AnchorageArea_iSPSLevelLabel

Namespace	http://www.ihoint/S131/2.0							
Annotations	Custom enum: AnchorageArea/iSPSLevel							
Diagram	<pre> classDiagram class AnchorageArea_iSPSLevelLabel { <<Custom enum: AnchorageArea/iSPSLevel>> } class xsString { <<Built-in primitive type. The string datatype represents character strings in XML.>> } AnchorageArea_iSPSLevelLabel o--> xsString </pre>							
Type	restriction of xs:string							
Facets	<table border="1"> <tr> <td>enumeration</td> <td>ISPS Level 1</td> </tr> <tr> <td>enumeration</td> <td>ISPS Level 2</td> </tr> <tr> <td>enumeration</td> <td>ISPS Level 3</td> </tr> </table>		enumeration	ISPS Level 1	enumeration	ISPS Level 2	enumeration	ISPS Level 3
enumeration	ISPS Level 1							
enumeration	ISPS Level 2							
enumeration	ISPS Level 3							
Used by	Complex Type AnchorageArea_iSPSLevelType							

Simple Type AnchorageArea_iSPSLevelCode

Namespace	http://www.ihoint/S131/2.0										
Annotations	Custom enum: AnchorageArea/iSPSLevel										
Diagram	<pre> classDiagram class AnchorageArea_iSPSLevelCode { <<Custom enum: AnchorageArea/iSPSLevel>> } class xsInteger { <<Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...>> } AnchorageArea_iSPSLevelCode o--> xsInteger </pre>										
Type	restriction of xs:integer										
Facets	<table border="1"> <tr> <td>enumeration</td> <td>1</td> <td>The level for which minimum appropriate protective security measures shall be maintained at all times.</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>The level for which appropriate additional protective security measures shall be maintained for a period of time as a result of heightened risk of a security incident.</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>The level for which further specific protective security measures shall be maintained for a limited period of time when a security incident is probable or imminent, although it may not be possible to identify the specific target.</td> </tr> </table>		enumeration	1	The level for which minimum appropriate protective security measures shall be maintained at all times.	enumeration	2	The level for which appropriate additional protective security measures shall be maintained for a period of time as a result of heightened risk of a security incident.	enumeration	3	The level for which further specific protective security measures shall be maintained for a limited period of time when a security incident is probable or imminent, although it may not be possible to identify the specific target.
enumeration	1	The level for which minimum appropriate protective security measures shall be maintained at all times.									
enumeration	2	The level for which appropriate additional protective security measures shall be maintained for a period of time as a result of heightened risk of a security incident.									
enumeration	3	The level for which further specific protective security measures shall be maintained for a limited period of time when a security incident is probable or imminent, although it may not be possible to identify the specific target.									
Used by	Attribute AnchorageArea_iSPSLevelType/@code										

Simple Type DockArea_iSPSLevelLabel

Namespace	http://www.ihoint/S131/2.0							
Annotations	Custom enum: DockArea/iSPSLevel							
Diagram	<pre> classDiagram class DockArea_iSPSLevelLabel { <<Custom enum: DockArea/iSPSLevel>> } class xsString { <<Built-in primitive type. The string datatype represents character strings in XML.>> } DockArea_iSPSLevelLabel o--> xsString </pre>							
Type	restriction of xs:string							
Facets	<table border="1"> <tr> <td>enumeration</td> <td>ISPS Level 1</td> </tr> <tr> <td>enumeration</td> <td>ISPS Level 2</td> </tr> <tr> <td>enumeration</td> <td>ISPS Level 3</td> </tr> </table>		enumeration	ISPS Level 1	enumeration	ISPS Level 2	enumeration	ISPS Level 3
enumeration	ISPS Level 1							
enumeration	ISPS Level 2							
enumeration	ISPS Level 3							

Used by	Complex Type	DockArea_iSPSLevelType
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Simple Type DockArea_iSPSLevelCode

Namespace	http://www.aho.int/S131/2.0										
Annotations	Custom enum: DockArea/iSPSLevel										
Diagram	<p>The diagram illustrates the relationship between the custom enum <code>DockArea_iSPSLevelCode</code> and the built-in datatype <code>xs:integer</code>. An arrow points from <code>DockArea_iSPSLevelCode</code> to <code>xs:integer</code>, indicating derivation. A callout box for <code>DockArea_iSPSLevelCode</code> states: "Custom enum: DockArea/iSPSLevel". A callout box for <code>xs:integer</code> states: "Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...".</p>										
Type	restriction of <code>xs:integer</code>										
Facets	<table> <tr> <td>enumeration</td> <td>1</td> <td>The level for which minimum appropriate protective security measures shall be maintained at all times.</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>The level for which appropriate additional protective security measures shall be maintained for a period of time as a result of heightened risk of a security incident.</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>The level for which further specific protective security measures shall be maintained for a limited period of time when a security incident is probable or imminent, although it may not be possible to identify the specific target.</td> </tr> </table>	enumeration	1	The level for which minimum appropriate protective security measures shall be maintained at all times.	enumeration	2	The level for which appropriate additional protective security measures shall be maintained for a period of time as a result of heightened risk of a security incident.	enumeration	3	The level for which further specific protective security measures shall be maintained for a limited period of time when a security incident is probable or imminent, although it may not be possible to identify the specific target.	
enumeration	1	The level for which minimum appropriate protective security measures shall be maintained at all times.									
enumeration	2	The level for which appropriate additional protective security measures shall be maintained for a period of time as a result of heightened risk of a security incident.									
enumeration	3	The level for which further specific protective security measures shall be maintained for a limited period of time when a security incident is probable or imminent, although it may not be possible to identify the specific target.									
Used by	Attribute	<code>DockArea_iSPSLevelType/@code</code>									

Simple Type DumpingGround_iSPSLevelLabel

Namespace	http://www.aho.int/S131/2.0										
Annotations	Custom enum: DumpingGround/iSPSLevel										
Diagram	<p>The diagram illustrates the relationship between the custom enum <code>DumpingGround_iSPSLevelLabel</code> and the built-in primitive datatype <code>xs:string</code>. An arrow points from <code>DumpingGround_iSPSLevelLabel</code> to <code>xs:string</code>, indicating derivation. A callout box for <code>DumpingGround_iSPSLevelLabel</code> states: "Custom enum: DumpingGround/iSPSLevel". A callout box for <code>xs:string</code> states: "Built-in primitive type. The string datatype represents character strings in XML...".</p>										
Type	restriction of <code>xs:string</code>										
Facets	<table> <tr> <td>enumeration</td> <td>ISPS Level 1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>ISPS Level 2</td> <td></td> </tr> <tr> <td>enumeration</td> <td>ISPS Level 3</td> <td></td> </tr> </table>	enumeration	ISPS Level 1		enumeration	ISPS Level 2		enumeration	ISPS Level 3		
enumeration	ISPS Level 1										
enumeration	ISPS Level 2										
enumeration	ISPS Level 3										
Used by	Complex Type	<code>DumpingGround_iSPSLevelType</code>									

Simple Type DumpingGround_iSPSLevelCode

Namespace	http://www.aho.int/S131/2.0										
Annotations	Custom enum: DumpingGround/iSPSLevel										
Diagram	<p>The diagram illustrates the relationship between the custom enum <code>DumpingGround_iSPSLevelCode</code> and the built-in datatype <code>xs:integer</code>. An arrow points from <code>DumpingGround_iSPSLevelCode</code> to <code>xs:integer</code>, indicating derivation. A callout box for <code>DumpingGround_iSPSLevelCode</code> states: "Custom enum: DumpingGround/iSPSLevel". A callout box for <code>xs:integer</code> states: "Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...".</p>										
Type	restriction of <code>xs:integer</code>										
Facets	<table> <tr> <td>enumeration</td> <td>1</td> <td>The level for which minimum appropriate protective security measures shall be maintained at all times.</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>The level for which appropriate additional protective security measures shall be maintained for a period of time as a result of heightened risk of a security incident.</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>The level for which further specific protective security measures shall be maintained for a limited period of time when a security incident is probable or imminent, although it may not be possible to identify the specific target.</td> </tr> </table>	enumeration	1	The level for which minimum appropriate protective security measures shall be maintained at all times.	enumeration	2	The level for which appropriate additional protective security measures shall be maintained for a period of time as a result of heightened risk of a security incident.	enumeration	3	The level for which further specific protective security measures shall be maintained for a limited period of time when a security incident is probable or imminent, although it may not be possible to identify the specific target.	
enumeration	1	The level for which minimum appropriate protective security measures shall be maintained at all times.									
enumeration	2	The level for which appropriate additional protective security measures shall be maintained for a period of time as a result of heightened risk of a security incident.									
enumeration	3	The level for which further specific protective security measures shall be maintained for a limited period of time when a security incident is probable or imminent, although it may not be possible to identify the specific target.									

Used by	Attribute	DumpingGround_iSPSLevelType/@code
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Simple Type HarbourAreaAdministrative_iSPSLevelLabel

Namespace	http://www.aho.int/S131/2.0							
Annotations	Custom enum: HarbourAreaAdministrative/iSPSLevel							
Diagram	<pre> graph LR A([HarbourAreaAdministrative_iSPSLevelLabel]) --> B(xs:string) A --- C[Custom enum: HarbourAreaAdministrative/iSPSLevel] B --- D[Built-in primitive type. The string datatype represents character strings in XML.] </pre>							
Type	restriction of xs:string							
Facets	<table> <tr> <td>enumeration</td> <td>ISPS Level 1</td> </tr> <tr> <td>enumeration</td> <td>ISPS Level 2</td> </tr> <tr> <td>enumeration</td> <td>ISPS Level 3</td> </tr> </table>		enumeration	ISPS Level 1	enumeration	ISPS Level 2	enumeration	ISPS Level 3
enumeration	ISPS Level 1							
enumeration	ISPS Level 2							
enumeration	ISPS Level 3							
Used by	Complex Type	HarbourAreaAdministrative_iSPSLevelType						

Simple Type HarbourAreaAdministrative_iSPSLevelCode

Namespace	http://www.aho.int/S131/2.0										
Annotations	Custom enum: HarbourAreaAdministrative/iSPSLevel										
Diagram	<pre> graph LR A([HarbourAreaAdministrative_iSPSLevelCode]) --> B(xs:integer) A --- C[Custom enum: HarbourAreaAdministrative/iSPSLevel] B --- D[Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...] </pre>										
Type	restriction of xs:integer										
Facets	<table> <tr> <td>enumeration</td> <td>1</td> <td>The level for which minimum appropriate protective security measures shall be maintained at all times.</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>The level for which appropriate additional protective security measures shall be maintained for a period of time as a result of heightened risk of a security incident.</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>The level for which further specific protective security measures shall be maintained for a limited period of time when a security incident is probable or imminent, although it may not be possible to identify the specific target.</td> </tr> </table>		enumeration	1	The level for which minimum appropriate protective security measures shall be maintained at all times.	enumeration	2	The level for which appropriate additional protective security measures shall be maintained for a period of time as a result of heightened risk of a security incident.	enumeration	3	The level for which further specific protective security measures shall be maintained for a limited period of time when a security incident is probable or imminent, although it may not be possible to identify the specific target.
enumeration	1	The level for which minimum appropriate protective security measures shall be maintained at all times.									
enumeration	2	The level for which appropriate additional protective security measures shall be maintained for a period of time as a result of heightened risk of a security incident.									
enumeration	3	The level for which further specific protective security measures shall be maintained for a limited period of time when a security incident is probable or imminent, although it may not be possible to identify the specific target.									
Used by	Attribute	HarbourAreaAdministrative_iSPSLevelType/@code									

Simple Type HarbourAreaSection_iSPSLevelLabel

Namespace	http://www.aho.int/S131/2.0							
Annotations	Custom enum: HarbourAreaSection/iSPSLevel							
Diagram	<pre> graph LR A([HarbourAreaSection_iSPSLevelLabel]) --> B(xs:string) A --- C[Custom enum: HarbourAreaSection/iSPSLevel] B --- D[Built-in primitive type. The string datatype represents character strings in XML.] </pre>							
Type	restriction of xs:string							
Facets	<table> <tr> <td>enumeration</td> <td>ISPS Level 1</td> </tr> <tr> <td>enumeration</td> <td>ISPS Level 2</td> </tr> <tr> <td>enumeration</td> <td>ISPS Level 3</td> </tr> </table>		enumeration	ISPS Level 1	enumeration	ISPS Level 2	enumeration	ISPS Level 3
enumeration	ISPS Level 1							
enumeration	ISPS Level 2							
enumeration	ISPS Level 3							
Used by	Complex Type	HarbourAreaSection_iSPSLevelType						

Simple Type HarbourAreaSection_iSPSLevelCode

Namespace	http://www.aho.int/S131/2.0	
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Annotations	Custom enum: HarbourAreaSection/iSPSLevel	
Diagram		<p>Custom enum: HarbourAreaSection/iSPSLevel</p> <p>Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...</p>
Type	restriction of xs:integer	
Facets	enumeration	1 The level for which minimum appropriate protective security measures shall be maintained at all times.
	enumeration	2 The level for which appropriate additional protective security measures shall be maintained for a period of time as a result of heightened risk of a security incident.
	enumeration	3 The level for which further specific protective security measures shall be maintained for a limited period of time when a security incident is probable or imminent, although it may not be possible to identify the specific target.
Used by	Attribute	HarbourAreaSection_iSPSLevelType/@code

Simple Type HarbourBasin_iSPSLevelLabel

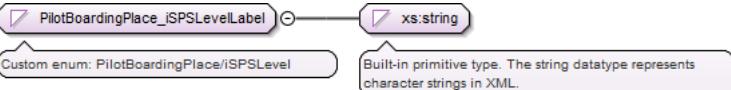
Namespace	http://www.aho.int/S131/2.0	
Annotations	Custom enum: HarbourBasin/iSPSLevel	
Diagram		<p>Custom enum: HarbourBasin/iSPSLevel</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>
Type	restriction of xs:string	
Facets	enumeration	ISPS Level 1
	enumeration	ISPS Level 2
	enumeration	ISPS Level 3
Used by	Complex Type	HarbourBasin_iSPSLevelType

Simple Type HarbourBasin_iSPSLevelCode

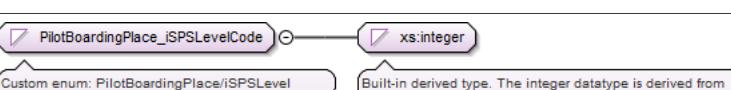
Namespace	http://www.aho.int/S131/2.0	
Annotations	Custom enum: HarbourBasin/iSPSLevel	
Diagram		<p>Custom enum: HarbourBasin/iSPSLevel</p> <p>Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...</p>
Type	restriction of xs:integer	
Facets	enumeration	1 The level for which minimum appropriate protective security measures shall be maintained at all times.
	enumeration	2 The level for which appropriate additional protective security measures shall be maintained for a period of time as a result of heightened risk of a security incident.
	enumeration	3 The level for which further specific protective security measures shall be maintained for a limited period of time when a security incident is probable or imminent, although it may not be possible to identify the specific target.
Used by	Attribute	HarbourBasin_iSPSLevelType/@code

Simple Type PilotBoardingPlace_iSPSLevelLabel

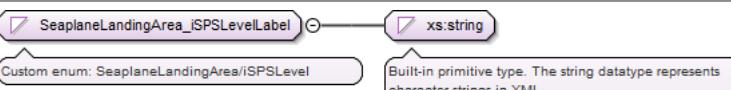
Namespace	http://www.aho.int/S131/2.0	
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Annotations	Custom enum: PilotBoardingPlace/iSPSLevel	
Diagram		
Type	restriction of xs:string	
Facets	enumeration ISPS Level 1 enumeration ISPS Level 2 enumeration ISPS Level 3	
Used by	Complex Type	PilotBoardingPlace_iSPSLevelType

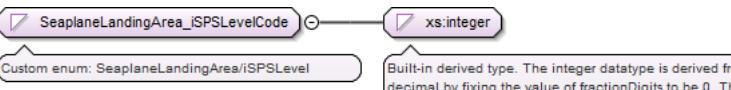
Simple Type PilotBoardingPlace_iSPSLevelCode

Namespace	http://www.oho.int/S131/2.0	
Annotations	Custom enum: PilotBoardingPlace/iSPSLevel	
Diagram		
Type	restriction of xs:integer	
Facets	enumeration 1 enumeration 2 enumeration 3	The level for which minimum appropriate protective security measures shall be maintained at all times. The level for which appropriate additional protective security measures shall be maintained for a period of time as a result of heightened risk of a security incident. The level for which further specific protective security measures shall be maintained for a limited period of time when a security incident is probable or imminent, although it may not be possible to identify the specific target.
Used by	Attribute	PilotBoardingPlace_iSPSLevelType/@code

Simple Type SeaplaneLandingArea_iSPSLevelLabel

Namespace	http://www.oho.int/S131/2.0	
Annotations	Custom enum: SeaplaneLandingArea/iSPSLevel	
Diagram		
Type	restriction of xs:string	
Facets	enumeration ISPS Level 1 enumeration ISPS Level 2 enumeration ISPS Level 3	
Used by	Complex Type	SeaplaneLandingArea_iSPSLevelType

Simple Type SeaplaneLandingArea_iSPSLevelCode

Namespace	http://www.oho.int/S131/2.0	
Annotations	Custom enum: SeaplaneLandingArea/iSPSLevel	
Diagram		
Type	restriction of xs:integer	

Facets	enumeration	1	The level for which minimum appropriate protective security measures shall be maintained at all times.
	enumeration	2	The level for which appropriate additional protective security measures shall be maintained for a period of time as a result of heightened risk of a security incident.
	enumeration	3	The level for which further specific protective security measures shall be maintained for a limited period of time when a security incident is probable or imminent, although it may not be possible to identify the specific target.
Used by	Attribute	SeaplaneLandingArea_iSPSLevelType/@code	

Simple Type TurningBasin_iSPSLevelLabel

Namespace	http://www.ih0.int/S131/2.0		
Annotations	Custom enum: TurningBasin/iSPSLevel		
Diagram	<pre> classDiagram class TurningBasin_iSPSLevelLabel { <<Custom enum: TurningBasin/iSPSLevel>> } class xs.string { <<Built-in primitive type. The string datatype represents character strings in XML.>> } TurningBasin_iSPSLevelLabel "1" -- "0..1" xs.string </pre>		
Type	restriction of xs:string		
Facets	enumeration	ISPS Level 1	
	enumeration	ISPS Level 2	
	enumeration	ISPS Level 3	
Used by	Complex Type	TurningBasin_iSPSLevelType	

Simple Type TurningBasin_iSPSLevelCode

Namespace	http://www.ih0.int/S131/2.0		
Annotations	Custom enum: TurningBasin/iSPSLevel		
Diagram	<pre> classDiagram class TurningBasin_iSPSLevelCode { <<Custom enum: TurningBasin/iSPSLevel>> } class xs.integer { <<Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...>> } TurningBasin_iSPSLevelCode "1" -- "0..1" xs.integer </pre>		
Type	restriction of xs:integer		
Facets	enumeration	1	The level for which minimum appropriate protective security measures shall be maintained at all times.
	enumeration	2	The level for which appropriate additional protective security measures shall be maintained for a period of time as a result of heightened risk of a security incident.
	enumeration	3	The level for which further specific protective security measures shall be maintained for a limited period of time when a security incident is probable or imminent, although it may not be possible to identify the specific target.
Used by	Attribute	TurningBasin_iSPSLevelType/@code	

Simple Type languageType

Namespace	http://www.ih0.int/S131/2.0		
Annotations	The method of human communication, either spoken or written, consisting of the use of words in a structured and conventional way.		
Diagram	<pre> classDiagram class languageType { <<The method of human communication, either spoken or written, consisting of the use of words in a structured and...>> } class xs.string { <<Built-in primitive type. The string datatype represents character strings in XML.>> } languageType "1" -- "0..1" xs.string </pre>		

Type	xs:string
Used by	Elements ContactDetailsType/language, featureNameType/language, informationType/language

Simple Type linkageType

Namespace	http://www.ihc.int/S131/2.0
Annotations	Location (address) for online access using a URL/URI address or similar addressing scheme.
Diagram	<p>The diagram shows two rounded rectangles connected by a line. The left rectangle is labeled 'linkageType' and the right one is labeled 'xs:anyURI'. A callout bubble points to 'linkageType' with the text 'Location (address) for online access using a URL/URI address or similar addressing scheme.' Another callout bubble points to 'xs:anyURI' with the text 'Built-in primitive type. The anyURI datatype represents a Uniform Resource Identifier Reference (URI).'</p>
Type	xs:anyURI
Used by	Element onlineResourceType/linkage

Simple Type localKnowledgeDescriptionType

Namespace	http://www.ihc.int/S131/2.0
Annotations	Description of local knowledge that may be needed, for example to traverse a location.
Diagram	<p>The diagram shows two rounded rectangles connected by a line. The left rectangle is labeled 'localKnowledgeDescriptionType' and the right one is labeled 'xs:string'. A callout bubble points to 'localKnowledgeDescriptionType' with the text 'Description of local knowledge that may be needed, for example to traverse a location.' Another callout bubble points to 'xs:string' with the text 'Built-in primitive type. The string datatype represents character strings in XML.'</p>
Type	xs:string
Used by	Element EntranceType/localKnowledgeDescription

Simple Type locationByTextType

Namespace	http://www.ihc.int/S131/2.0
Annotations	A textual rendering of a geographic location.
Diagram	<p>The diagram shows two rounded rectangles connected by a line. The left rectangle is labeled 'locationByTextType' and the right one is labeled 'xs:string'. A callout bubble points to 'locationByTextType' with the text 'A textual rendering of a geographic location.' Another callout bubble points to 'xs:string' with the text 'Built-in primitive type. The string datatype represents character strings in XML.'</p>
Type	xs:string
Used by	Elements AnchorageAreaType/locationByText, BerthPositionType/locationByText, BerthType/locationByText, DockAreaType/locationByText, DumpingGroundType/locationByText, HarbourBasinType/locationByText, PilotBoardingPlaceType/locationByText, SeaplaneLandingAreaType/locationByText, Turning-BasinType/locationByText, WaterwayAreaType/locationByText, constructionInformationType/locationByText

Simple Type locationMRNType

Namespace	http://www.ihc.int/S131/2.0
Annotations	Location identifier, based on MRN. This can be either a specific identifier for an identified physical location or a type-only identifier for a logical location, such as BERTH.
Diagram	<p>The diagram shows two rounded rectangles connected by a line. The left rectangle is labeled 'locationMRNType' and the right one is labeled 'xs:anyURI'. A callout bubble points to 'locationMRNType' with the text 'Location identifier, based on MRN. This can be either a specific identifier for an identified physical location or a...'. Another callout bubble points to 'xs:anyURI' with the text 'Built-in primitive type. The anyURI datatype represents a Uniform Resource Identifier Reference (URI).'</p>
Type	xs:anyURI
Used by	Element FeatureTypeType/locationMRN

Simple Type logicalConnectivesLabel

Namespace	http://www.ihc.int/S131/2.0
Annotations	Expresses whether all the constraints described by its co-attributes must be satisfied, or only one such constraint need be satisfied.

Diagram	<p>The diagram shows a complex type named 'logicalConnectivesLabel' with a reference to the primitive type 'xs:string'. A note indicates that it expresses whether all constraints described by its co-attributes must be satisfied.</p>		
Type	restriction of xs:string		
Facets	enumeration	Logical Conjunction	1: All the conditions described by the other attributes of the object, or sub-attributes of the same complex attribute, are true.
	enumeration	Logical Disjunction	2: At least one of the conditions described by the other attributes of the object, or sub-attributes of the same complex attributes, is true.
Used by	Complex Type	logicalConnectivesType	

Simple Type logicalConnectivesCode

Namespace	http://www.aho.int/S131/2.0		
Annotations	Expresses whether all the constraints described by its co-attributes must be satisfied, or only one such constraint need be satisfied.		
Diagram	<p>The diagram shows a complex type named 'logicalConnectivesCode' with a reference to the derived type 'xs:integer'. A note indicates that it expresses whether all constraints described by its co-attributes must be satisfied.</p>		
Type	restriction of xs:integer		
Facets	enumeration	1	All the conditions described by the other attributes of the object, or sub-attributes of the same complex attribute, are true.
	enumeration	2	At least one of the conditions described by the other attributes of the object, or sub-attributes of the same complex attributes, is true.
Used by	Attribute	logicalConnectivesType/@code	

Simple Type Applicability_logicalConnectivesLabel

Namespace	http://www.aho.int/S131/2.0		
Annotations	Custom enum: Applicability/logicalConnectives		
Diagram	<p>The diagram shows a complex type named 'Applicability_logicalConnectivesLabel' with a reference to the primitive type 'xs:string'. A note indicates that it is a custom enum for Applicability/logicalConnectives.</p>		
Type	restriction of xs:string		
Facets	enumeration	Logical Conjunction	
	enumeration	Logical Disjunction	
Used by	Complex Type	Applicability_logicalConnectivesType	

Simple Type Applicability_logicalConnectivesCode

Namespace	http://www.aho.int/S131/2.0		
Annotations	Custom enum: Applicability/logicalConnectives		
Diagram	<p>The diagram shows a complex type named 'Applicability_logicalConnectivesCode' with a reference to the derived type 'xs:integer'. A note indicates that it is a custom enum for Applicability/logicalConnectives.</p>		
Type	restriction of xs:integer		
Facets	enumeration	1	All the conditions described by the other attributes of the object, or sub-attributes of the same complex attribute, are true.

	enumeration	2	At least one of the conditions described by the other attributes of the object, or sub-attributes of the same complex attributes, is true.
Used by	Attribute	Applicability_logicalConnectivesType/@code	

Simple Type manifoldNumberType

Namespace	http://www.aho.int/S131/2.0		
Annotations	An identifier for a specific location on a manifold (a pipe or chamber with several openings).		
Diagram	<pre> classDiagram class manifoldNumberType { <<An identifier for a specific location on a manifold (a pipe or chamber with several openings).>> } class xs.string { <<Built-in primitive type. The string datatype represents character strings in XML.>> } manifoldNumberType "1" -- "0..1" xs.string </pre>		
Type	xs:string		
Used by	Elements BerthPositionType/manifoldNumber, BerthType/manifoldNumber		

Simple Type maximumDisplayScaleType

Namespace	http://www.aho.int/S131/2.0		
Annotations	The largest intended viewing scale for the data.		
Diagram	<pre> classDiagram class maximumDisplayScaleType { <<The largest intended viewing scale for the data.>> } class xs.integer { <<Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...>> } maximumDisplayScaleType "1" -- "0..1" xs.integer </pre>		
Type	restriction of xs:integer		
Facets	minInclusive	1	
Used by	Element DataCoverageType/maximumDisplayScale		

Simple Type maximumPermittedDraughtType

Namespace	http://www.aho.int/S131/2.0		
Annotations	The maximum draught of a vessel permitted along a route, in a channel or dock, at a berth, or over a submerged feature.		
Diagram	<pre> classDiagram class maximumPermittedDraughtType { <<The maximum draught of a vessel permitted along a route, in a channel or dock, at a berth, or over a submerged feature.>> } class xs.decimal { <<Built-in primitive type. The decimal datatype represents arbitrary precision decimal numbers.>> } maximumPermittedDraughtType "1" -- "0..1" xs.decimal </pre>		
Type	restriction of xs:decimal		
Facets	maxInclusive	30 . 0	
	minExclusive	0 . 0	
Used by	Element MooringBuoyType/maximumPermittedDraught		

Simple Type maximumPermittedVesselLengthType

Namespace	http://www.aho.int/S131/2.0		
Annotations	The maximum length of a vessel permitted in a channel or dock, at a berth, or at an anchorage or mooring.		
Diagram	<pre> classDiagram class maximumPermittedVesselLengthType { <<The maximum length of a vessel permitted in a channel or dock, at a berth, or at an anchorage or mooring.>> } class xs.decimal { <<Built-in primitive type. The decimal datatype represents arbitrary precision decimal numbers.>> } maximumPermittedVesselLengthType "1" -- "0..1" xs.decimal </pre>		
Type	restriction of xs:decimal		
Facets	minExclusive	0 . 0	
Used by	Element MooringBuoyType/maximumPermittedVesselLength		

Simple Type medicalServiceLabel

Namespace	http://www.who.int/S131/2.0		
Annotations	Services for the prevention or treatment of, or response to injury or illness.		
Diagram	<pre> graph LR A[medicalServiceLabel] --> B[xs:string] </pre> <p>Services for the prevention or treatment of, or response to injury or illness.</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>		
Type	restriction of xs:string		
Facets	enumeration	Ambulance	1: A vehicle for conveying the sick or injured to or from a hospital.
	enumeration	Fumigation	2: Disinfection or purification with fumes.
	enumeration	Doctor	3: A place where a doctor is available to provide medical attention.
	enumeration	Quarantine	4: The isolation of patients with contagious diseases.
	enumeration	Vaccination Centre	5: A place where substances intended to procure immunity against one or several diseases are administered.
Used by	Complex Type	medicalServiceType	

Simple Type medicalserviceCode

Namespace	http://www.who.int/S131/2.0		
Annotations	Services for the prevention or treatment of, or response to injury or illness.		
Diagram	<pre> graph LR A[medicalserviceCode] --> B[xs:integer] </pre> <p>Services for the prevention or treatment of, or response to injury or illness.</p> <p>Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...</p>		
Type	restriction of xs:integer		
Facets	enumeration	1	A vehicle for conveying the sick or injured to or from a hospital.
	enumeration	2	Disinfection or purification with fumes.
	enumeration	3	A place where a doctor is available to provide medical attention.
	enumeration	4	The isolation of patients with contagious diseases.
	enumeration	5	A place where substances intended to procure immunity against one or several diseases are administered.
Used by	Attribute	medicalServiceType/@code	

Simple Type AvailablePortServices_medicalServiceLabel

Namespace	http://www.who.int/S131/2.0		
Annotations	Custom enum: AvailablePortServices/medicalService		
Diagram	<pre> graph LR A[AvailablePortServices_medicalServiceLabel] --> B[xs:string] </pre> <p>Custom enum: AvailablePortServices/medicalService</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>		
Type	restriction of xs:string		
Facets	enumeration	Ambulance	
	enumeration	Fumigation	
	enumeration	Doctor	
	enumeration	Quarantine	
	enumeration	Vaccination Centre	

Used by	Complex Type	AvailablePortServices_medicalServiceType
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Simple Type AvailablePortServices_medicalServiceCode

Namespace	http://www.oho.int/S131/2.0																
Annotations	Custom enum: AvailablePortServices/medicalService																
Diagram	<p>The diagram shows a class named 'AvailablePortServices_medicalServiceCode' with a multiplicity of 0..1. It has a directed association labeled 'xs:integer' with a multiplicity of 0..1. A callout box for 'AvailablePortServices_medicalServiceCode' states: 'Custom enum: AvailablePortServices/medicalService'. A callout box for 'xs:integer' states: 'Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...'.</p>																
Type	restriction of xs:integer																
Facets	<table border="1"> <tr> <td>enumeration</td> <td>1</td> <td>A vehicle for conveying the sick or injured to or from a hospital.</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>Disinfection or purification with fumes.</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>A place where a doctor is available to provide medical attention.</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>The isolation of patients with contagious diseases.</td> </tr> <tr> <td>enumeration</td> <td>5</td> <td>A place where substances intended to procure immunity against one or several diseases are administered.</td> </tr> </table>		enumeration	1	A vehicle for conveying the sick or injured to or from a hospital.	enumeration	2	Disinfection or purification with fumes.	enumeration	3	A place where a doctor is available to provide medical attention.	enumeration	4	The isolation of patients with contagious diseases.	enumeration	5	A place where substances intended to procure immunity against one or several diseases are administered.
enumeration	1	A vehicle for conveying the sick or injured to or from a hospital.															
enumeration	2	Disinfection or purification with fumes.															
enumeration	3	A place where a doctor is available to provide medical attention.															
enumeration	4	The isolation of patients with contagious diseases.															
enumeration	5	A place where substances intended to procure immunity against one or several diseases are administered.															
Used by	Attribute	AvailablePortServices_medicalServiceType/@code															

Simple Type membershipLabel

Namespace	http://www.oho.int/S131/2.0							
Annotations	Indicates whether a vessel is included or excluded from the regulation/restriction/recommendation/nautical information.							
Diagram	<p>The diagram shows a class named 'membershipLabel' with a multiplicity of 0..1. It has a directed association labeled 'xs:string' with a multiplicity of 0..1. A callout box for 'membershipLabel' states: 'Indicates whether a vessel is included or excluded from the regulation/restriction/recommendation/nautical information.'. A callout box for 'xs:string' states: 'Built-in primitive type. The string datatype represents character strings in XML.'</p>							
Type	restriction of xs:string							
Facets	<table border="1"> <tr> <td>enumeration</td> <td>Included</td> <td>1: Vessels with these characteristics are included in the regulation/restriction/recommendation/nautical information.</td> </tr> <tr> <td>enumeration</td> <td>Excluded</td> <td>2: Vessels with these characteristics are excluded from the regulation/restriction/recommendation/nautical information.</td> </tr> </table>		enumeration	Included	1: Vessels with these characteristics are included in the regulation/restriction/recommendation/nautical information.	enumeration	Excluded	2: Vessels with these characteristics are excluded from the regulation/restriction/recommendation/nautical information.
enumeration	Included	1: Vessels with these characteristics are included in the regulation/restriction/recommendation/nautical information.						
enumeration	Excluded	2: Vessels with these characteristics are excluded from the regulation/restriction/recommendation/nautical information.						
Used by	Complex Type	membershipType						

Simple Type membershipCode

Namespace	http://www.oho.int/S131/2.0							
Annotations	Indicates whether a vessel is included or excluded from the regulation/restriction/recommendation/nautical information.							
Diagram	<p>The diagram shows a class named 'membershipCode' with a multiplicity of 0..1. It has a directed association labeled 'xs:integer' with a multiplicity of 0..1. A callout box for 'membershipCode' states: 'Indicates whether a vessel is included or excluded from the regulation/restriction/recommendation/nautical information.'. A callout box for 'xs:integer' states: 'Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...'.</p>							
Type	restriction of xs:integer							
Facets	<table border="1"> <tr> <td>enumeration</td> <td>1</td> <td>Vessels with these characteristics are included in the regulation/restriction/recommendation/nautical information.</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>Vessels with these characteristics are excluded from the regulation/restriction/recommendation/nautical information.</td> </tr> </table>		enumeration	1	Vessels with these characteristics are included in the regulation/restriction/recommendation/nautical information.	enumeration	2	Vessels with these characteristics are excluded from the regulation/restriction/recommendation/nautical information.
enumeration	1	Vessels with these characteristics are included in the regulation/restriction/recommendation/nautical information.						
enumeration	2	Vessels with these characteristics are excluded from the regulation/restriction/recommendation/nautical information.						
Used by	Attribute	membershipType/@code						

Simple Type InclusionType_membershipLabel

Namespace	http://www.oho.int/S131/2.0					
Annotations	Custom enum: InclusionType/membership					
Diagram	<pre> classDiagram class InclusionType_membershipLabel { <<Custom enum: InclusionType/membership>> } class xs_string { <<Built-in primitive type. The string datatype represents character strings in XML.>> } InclusionType_membershipLabel "1" -- "0..1" xs_string </pre>					
Type	restriction of xs:string					
Facets	<table> <tr> <td>enumeration</td> <td>Included</td> </tr> <tr> <td>enumeration</td> <td>Excluded</td> </tr> </table>		enumeration	Included	enumeration	Excluded
enumeration	Included					
enumeration	Excluded					
Used by	Complex Type	InclusionType_membershipType				

Simple Type InclusionType_membershipCode

Namespace	http://www.oho.int/S131/2.0										
Annotations	Custom enum: InclusionType/membership										
Diagram	<pre> classDiagram class InclusionType_membershipCode { <<Custom enum: InclusionType/membership>> } class xs_integer { <<Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...>> } InclusionType_membershipCode "1" -- "0..1" xs_integer </pre>										
Type	restriction of xs:integer										
Facets	<table> <tr> <td>enumeration</td> <td>1</td> <td>Vessels with these characteristics are included in the regulation/restriction/recommendation/nautical information.</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>Vessels with these characteristics are excluded from the regulation/restriction/recommendation/nautical information.</td> </tr> <tr> <td>enumeration</td> <td>0</td> <td></td> </tr> </table>		enumeration	1	Vessels with these characteristics are included in the regulation/restriction/recommendation/nautical information.	enumeration	2	Vessels with these characteristics are excluded from the regulation/restriction/recommendation/nautical information.	enumeration	0	
enumeration	1	Vessels with these characteristics are included in the regulation/restriction/recommendation/nautical information.									
enumeration	2	Vessels with these characteristics are excluded from the regulation/restriction/recommendation/nautical information.									
enumeration	0										
Used by	Attribute	InclusionType_membershipType/@code									

Simple Type methodOfSecuringLabel

Namespace	http://www.oho.int/S131/2.0		
Annotations	The process, arrangement or scheme of attachment used to secure a vessel to a berth.		
Diagram	<pre> classDiagram class methodOfSecuringLabel { <<The process, arrangement or scheme of attachment used to secure a vessel to a berth.>> } class xs_string { <<Built-in primitive type. The string datatype represents character strings in XML.>> } methodOfSecuringLabel "1" -- "0..1" xs_string </pre>		
Type	restriction of xs:string		
Facets	enumeration	Bow to Seaward	1: Vessel is secured perpendicular to the wharf with bow to seaward.
	enumeration	Stern to Seaward	2: Vessel is secured perpendicular to the wharf with stern to the seaward.
	enumeration	Mediterranean Mooring	3: The vessel is secured perpendicular to the wharf.
	enumeration	Baltic Mooring	4: Mooring method/procedure used during onshore wind conditions without a tug.
	enumeration	Running Mooring	5: Mooring by maneuvering ahead and astern while dropping anchors to secure the vessel with reduced swinging room.
	enumeration	Standing Mooring	6: Mooring by using mainly wind and tide to position the vessel while dropping anchors to secure the vessel with reduced swinging room. Makes limited use of the engine to position the vessel.
	enumeration	Single Point Mooring	7: A mooring structure used by tankers to load and unload in port approaches or in offshore oil and gas fields. The size of the structure can vary between a large mooring buoy and a manned floating structure.

	enumeration	Multi-Buoy Mooring	8: A facility where a vessel is usually moored by a combination of the ship's anchors forward and mooring buoys aft and held on a fixed heading. Also called Conventional Buoy Mooring (CBM).
	enumeration	Ship-to-Ship Mooring	9: Mooring alongside another vessel.
	enumeration	Spider Buoy Mooring	10: Mooring system supported by a spider buoy.
Used by	Complex Type	methodOfSecuringType	

Simple Type methodOfSecuringCode

Namespace	http://www.aho.int/S131/2.0																																
Annotations	The process, arrangement or scheme of attachment used to secure a vessel to a berth.																																
Diagram	<p>The process, arrangement or scheme of attachment used to secure a vessel to a berth.</p> <p>Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...</p>																																
Type	restriction of xs:integer																																
Facets	<table border="1"> <tr> <td>enumeration</td> <td>1</td> <td>Vessel is secured perpendicular to the wharf with bow to seaward.</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>Vessel is secured perpendicular to the wharf with stern to the seaward.</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>The vessel is secured perpendicular to the wharf.</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>Mooring method/procedure used during onshore wind conditions without a tug.</td> </tr> <tr> <td>enumeration</td> <td>5</td> <td>Mooring by maneuvering ahead and astern while dropping anchors to secure the vessel with reduced swinging room.</td> </tr> <tr> <td>enumeration</td> <td>6</td> <td>Mooring by using mainly wind and tide to position the vessel while dropping anchors to secure the vessel with reduced swinging room. Makes limited use of the engine to position the vessel.</td> </tr> <tr> <td>enumeration</td> <td>7</td> <td>A mooring structure used by tankers to load and unload in port approaches or in offshore oil and gas fields. The size of the structure can vary between a large mooring buoy and a manned floating structure.</td> </tr> <tr> <td>enumeration</td> <td>8</td> <td>A facility where a vessel is usually moored by a combination of the ship's anchors forward and mooring buoys aft and held on a fixed heading. Also called Conventional Buoy Mooring (CBM).</td> </tr> <tr> <td>enumeration</td> <td>9</td> <td>Mooring alongside another vessel.</td> </tr> <tr> <td>enumeration</td> <td>10</td> <td>Mooring system supported by a spider buoy.</td> </tr> </table>			enumeration	1	Vessel is secured perpendicular to the wharf with bow to seaward.	enumeration	2	Vessel is secured perpendicular to the wharf with stern to the seaward.	enumeration	3	The vessel is secured perpendicular to the wharf.	enumeration	4	Mooring method/procedure used during onshore wind conditions without a tug.	enumeration	5	Mooring by maneuvering ahead and astern while dropping anchors to secure the vessel with reduced swinging room.	enumeration	6	Mooring by using mainly wind and tide to position the vessel while dropping anchors to secure the vessel with reduced swinging room. Makes limited use of the engine to position the vessel.	enumeration	7	A mooring structure used by tankers to load and unload in port approaches or in offshore oil and gas fields. The size of the structure can vary between a large mooring buoy and a manned floating structure.	enumeration	8	A facility where a vessel is usually moored by a combination of the ship's anchors forward and mooring buoys aft and held on a fixed heading. Also called Conventional Buoy Mooring (CBM).	enumeration	9	Mooring alongside another vessel.	enumeration	10	Mooring system supported by a spider buoy.
enumeration	1	Vessel is secured perpendicular to the wharf with bow to seaward.																															
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enumeration	9	Mooring alongside another vessel.																															
enumeration	10	Mooring system supported by a spider buoy.																															
Used by	Attribute	methodOfSecuringType/@code																															

Simple Type Berth_methodOfSecuringLabel

Namespace	http://www.aho.int/S131/2.0																				
Annotations	Custom enum: Berth/methodOfSecuring																				
Diagram	<p>Custom enum: Berth/methodOfSecuring</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>																				
Type	restriction of xs:string																				
Facets	<table border="1"> <tr> <td>enumeration</td> <td colspan="2">Bow to Seaward</td></tr> <tr> <td>enumeration</td> <td colspan="2">Stern to Seaward</td></tr> <tr> <td>enumeration</td> <td colspan="2">Mediterranean Mooring</td></tr> <tr> <td>enumeration</td> <td colspan="2">Baltic Mooring</td></tr> <tr> <td>enumeration</td> <td colspan="2">Running Mooring</td></tr> <tr> <td>enumeration</td> <td colspan="2">Standing Mooring</td></tr> </table>			enumeration	Bow to Seaward		enumeration	Stern to Seaward		enumeration	Mediterranean Mooring		enumeration	Baltic Mooring		enumeration	Running Mooring		enumeration	Standing Mooring	
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enumeration	Baltic Mooring																				
enumeration	Running Mooring																				
enumeration	Standing Mooring																				

	enumeration	Single Point Mooring
	enumeration	Multi-Buoy Mooring
	enumeration	Ship-to-Ship Mooring
	enumeration	Spider Buoy Mooring
Used by	Complex Type	Berth_methodOfSecuringType

Simple Type Berth_methodOfSecuringCode

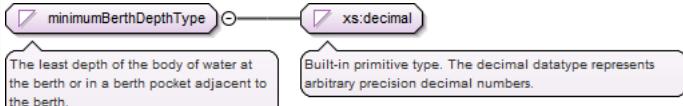
Namespace	http://www.ihc.int/S131/2.0	
Annotations	Custom enum: Berth/methodOfSecuring	
Diagram	<p>The diagram shows a UML class named 'Berth_methodOfSecuringCode' with a multiplicity of 0..1. It has a directed association to another class named 'xs:integer' with a multiplicity of 0..1. A callout box for 'Berth_methodOfSecuringCode' states 'Custom enum: Berth/methodOfSecuring'. A callout box for 'xs:integer' states 'Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...'.</p>	
Type	restriction of xs:integer	
Facets	enumeration	1 Vessel is secured perpendicular to the wharf with bow to seaward.
	enumeration	2 Vessel is secured perpendicular to the wharf with stern to the seaward.
	enumeration	3 The vessel is secured perpendicular to the wharf.
	enumeration	4 Mooring method/procedure used during onshore wind conditions without a tug.
	enumeration	5 Mooring by maneuvering ahead and astern while dropping anchors to secure the vessel with reduced swinging room.
	enumeration	6 Mooring by using mainly wind and tide to position the vessel while dropping anchors to secure the vessel with reduced swinging room. Makes limited use of the engine to position the vessel.
	enumeration	7 A mooring structure used by tankers to load and unload in port approaches or in offshore oil and gas fields. The size of the structure can vary between a large mooring buoy and a manned floating structure.
	enumeration	8 A facility where a vessel is usually moored by a combination of the ship's anchors forward and mooring buoys aft and held on a fixed heading. Also called Conventional Buoy Mooring (CBM).
	enumeration	9 Mooring alongside another vessel.
	enumeration	10 Mooring system supported by a spider buoy.
Used by	Attribute	Berth_methodOfSecuringType/@code

Simple Type metreMarkNumberType

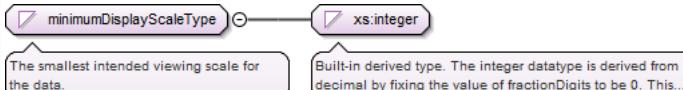
Namespace	http://www.ihc.int/S131/2.0	
Annotations	An identifier for a specific position along a linear or curvilinear extent of a wharf, quay, or jetty. Numbering may be continued over multiple segments.	
Diagram	<p>The diagram shows a UML class named 'metreMarkNumberType' with a multiplicity of 0..1. It has a directed association to another class named 'xs:string' with a multiplicity of 0..1. A callout box for 'metreMarkNumberType' states 'An identifier for a specific position along a linear or curvilinear extent of a wharf, quay, or jetty. Numbering may be...'. A callout box for 'xs:string' states 'Built-in primitive type. The string datatype represents character strings in XML.'</p>	
Type	xs:string	
Used by	Elements BerthPositionType/metreMarkNumber, BerthType/metreMarkNumber	

Simple Type minimumBerthDepthType

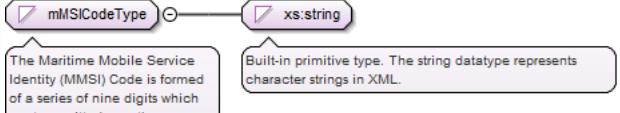
Namespace	http://www.ihc.int/S131/2.0	
Annotations	The least depth of the body of water at the berth or in a berth pocket adjacent to the berth.	

Diagram	
Type	restriction of xs:decimal
Facets	minExclusive 0 .00
Used by	Element BerthType/minimumBerthDepth

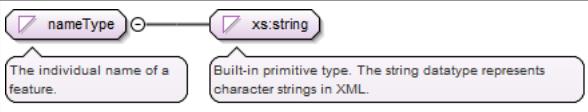
Simple Type minimumDisplayScaleType

Namespace	http://www.oho.int/S131/2.0
Annotations	The smallest intended viewing scale for the data.
Diagram	
Type	restriction of xs:integer
Facets	minInclusive 1
Used by	Element DataCoverageType/minimumDisplayScale

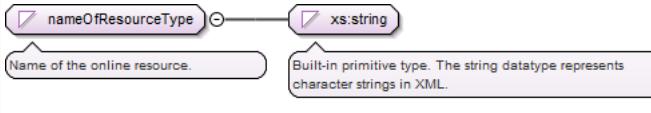
Simple Type mMSICodeType

Namespace	http://www.oho.int/S131/2.0
Annotations	The Maritime Mobile Service Identity (MMSI) Code is formed of a series of nine digits which are transmitted over the radio path in order to uniquely identify ship stations, ship earth stations, coast stations, coast earth stations, and group calls. These identities are formed in such a way that the identity or part thereof can be used by telephone and telex subscribers connected to the general telecommunications network principally to call ships automatically.
Diagram	
Type	xs:string
Used by	Element ContactDetailsType/mMSICode

Simple Type nameType

Namespace	http://www.oho.int/S131/2.0
Annotations	The individual name of a feature.
Diagram	
Type	xs:string
Used by	Element featureNameType/name

Simple Type nameOfResourceType

Namespace	http://www.oho.int/S131/2.0
Annotations	Name of the online resource.
Diagram	
Type	xs:string
Used by	Element onlineResourceType/nameOfResource

Simple Type nameUsageLabel

Namespace	http://www.ih0.int/S131/2.0		
Annotations	Classification of the type and display level of the name of a feature in an end-user system.		
Diagram			
Type	restriction of xs:string		
Facets	enumeration	Default Name Display	1: The name is intended to be displayed when the end-user system is set to the default name/text display setting.
	enumeration	Alternate Name Display	2: The name is intended to be displayed when the end-user system is set to an alternate name/text display setting, for example an alternate language.
	enumeration	No Chart Display	3: The name or text is not intended to be displayed.
Used by	Complex Type	nameUsageType	

Simple Type nameUsageCode

Namespace	http://www.ih0.int/S131/2.0		
Annotations	Classification of the type and display level of the name of a feature in an end-user system.		
Diagram			
Type	restriction of xs:integer		
Facets	enumeration	1	The name is intended to be displayed when the end-user system is set to the default name/text display setting.
	enumeration	2	The name is intended to be displayed when the end-user system is set to an alternate name/text display setting, for example an alternate language.
	enumeration	3	The name or text is not intended to be displayed.
Used by	Attribute	nameUsageType/@code	

Simple Type featureName_nameUsageLabel

Namespace	http://www.ih0.int/S131/2.0		
Annotations	Restricted values of featureName/nameUsage		
Diagram			
Type	restriction of xs:string		
Facets	enumeration	Default Name Display	
	enumeration	Alternate Name Display	
	enumeration	No Chart Display	
Used by	Complex Type	featureName_nameUsageType	

Simple Type featureName_nameUsageCode

Namespace	http://www.ih0.int/S131/2.0		
Annotations	Restricted values of featureName/nameUsage		

Diagram		
Type	restriction of xs:integer	
Facets	enumeration	1 The name is intended to be displayed when the end-user system is set to the default name/text display setting.
	enumeration	2 The name is intended to be displayed when the end-user system is set to an alternate name/text display setting, for example an alternate language.
	enumeration	3 The name or text is not intended to be displayed.
Used by	Attribute	featureName_nameUsageType/@code

Simple Type nationalityType

Namespace	http://www.iho.int/S131/2.0	
Annotations	Identifier of membership of a particular nation.	
Diagram		
Type	xs:string	
Used by	Element HarbourAreaAdministrativeType/nationality	

Simple Type onlineFunctionLabel

Namespace	http://www.iho.int/S131/2.0	
Annotations	Code for function performed by the online resource.	
Diagram		
Type	restriction of xs:string	
Facets	enumeration	Download 1: Online instructions for transferring data from one storage device or system to another.
	enumeration	Offline Access 3: Online instructions for requesting the resource from the provider.
	enumeration	Order 4: Online order process for obtaining the resource.
	enumeration	Search 5: To make painstaking investigation or examination.
	enumeration	Complete Metadata 6: Complete metadata provided.
	enumeration	Browse Graphic 7: Browse graphic provided.
	enumeration	Upload 8: Online resource upload capability provided.
	enumeration	Email Service 9: Online email service provided.
	enumeration	Browsing 10: Online browsing provided.
	enumeration	File Access 11: Online file access provided.
Used by	Complex Type	onlineFunctionType

Simple Type onlineFunctionCode

Namespace	http://www.iho.int/S131/2.0	
Annotations	Code for function performed by the online resource.	
Diagram		

Type	restriction of xs:integer		
Facets	enumeration	1	Online instructions for transferring data from one storage device or system to another.
	enumeration	3	Online instructions for requesting the resource from the provider.
	enumeration	4	Online order process for obtaining the resource.
	enumeration	5	To make painstaking investigation or examination.
	enumeration	6	Complete metadata provided.
	enumeration	7	Browse graphic provided.
	enumeration	8	Online resource upload capability provided.
	enumeration	9	Online email service provided.
	enumeration	10	Online browsing provided.
	enumeration	11	Online file access provided.
Used by	Attribute	onlineFunctionType/@code	

Simple Type onlineResource_onlineFunctionLabel

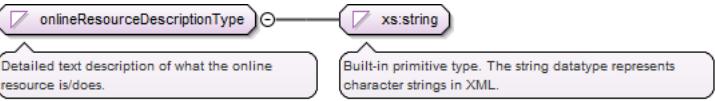
Namespace	http://www.aho.int/S131/2.0	
Annotations	Restricted values of onlineResource/onlineFunction	
Diagram	<pre> classDiagram class onlineResource_onlineFunctionLabel { <<Restricted values of onlineResource/onlineFunction>> } class xs_string { <<Built-in primitive type. The string datatype represents character strings in XML.>> } onlineResource_onlineFunctionLabel "1" -- "0..1" xs_string </pre>	
Type	restriction of xs:string	
Facets	enumeration Download enumeration Offline Access enumeration Order enumeration Search enumeration Complete Metadata enumeration Browse Graphic enumeration Upload enumeration Email Service enumeration Browsing enumeration File Access	
Used by	Complex Type	onlineResource_onlineFunctionType

Simple Type onlineResource_onlineFunctionCode

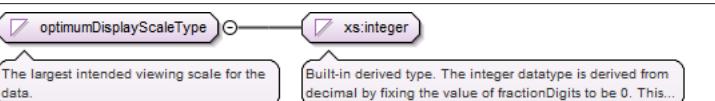
Namespace	http://www.aho.int/S131/2.0	
Annotations	Restricted values of onlineResource/onlineFunction	
Diagram	<pre> classDiagram class onlineResource_onlineFunctionCode { <<Restricted values of onlineResource/onlineFunction>> } class xs_integer { <<Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...>> } onlineResource_onlineFunctionCode "1" -- "0..1" xs_integer </pre>	
Type	restriction of xs:integer	
Facets	enumeration 1 enumeration 3 enumeration 4 enumeration 5 enumeration 6 enumeration 7	

	enumeration	8	Online resource upload capability provided.
	enumeration	9	Online email service provided.
	enumeration	10	Online browsing provided.
	enumeration	11	Online file access provided.
Used by	Attribute	onlineResource_onlineFunctionType/@code	

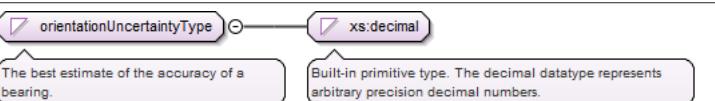
Simple Type onlineResourceDescriptionType

Namespace	http://www.ih0.int/S131/2.0		
Annotations	Detailed text description of what the online resource is/does.		
Diagram		Detailed text description of what the online resource is/does.	Built-in primitive type. The string datatype represents character strings in XML.
Type	xs:string		
Used by	Element	onlineResourceType/onlineResourceDescription	

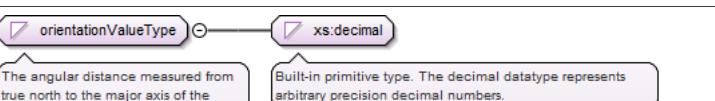
Simple Type optimumDisplayScaleType

Namespace	http://www.ih0.int/S131/2.0		
Annotations	The largest intended viewing scale for the data.		
Diagram		The largest intended viewing scale for the data.	Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...
Type	restriction of xs:integer		
Facets	minInclusive	1	
Used by	Element	DataCoverageType/optimumDisplayScale	

Simple Type orientationUncertaintyType

Namespace	http://www.ih0.int/S131/2.0		
Annotations	The best estimate of the accuracy of a bearing.		
Diagram		The best estimate of the accuracy of a bearing.	Built-in primitive type. The decimal datatype represents arbitrary precision decimal numbers.
Type	restriction of xs:decimal		
Facets	maxExclusive 360.000 minInclusive 0.000		
Used by	Elements	QualityOfNonBathymetricDataType/orientationUncertainty, orientationType/orientationUncertainty	

Simple Type orientationValueType

Namespace	http://www.ih0.int/S131/2.0		
Annotations	The angular distance measured from true north to the major axis of the feature.		
Diagram		The angular distance measured from true north to the major axis of the feature.	Built-in primitive type. The decimal datatype represents arbitrary precision decimal numbers.
Type	restriction of xs:decimal		
Facets	maxInclusive 360.0 minInclusive 0.0		

Used by	Element	orientationType/orientationValue
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Simple Type pictorialRepresentationType

Namespace	http://www.ihc.int/S131/2.0
Annotations	Indicates whether a pictorial representation of the feature is available.
Diagram	<pre> graph LR A[pictorialRepresentationType] --> B["xs:string"] </pre> <p>Indicates whether a pictorial representation of the feature is available.</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>
Type	xs:string
Used by	Element graphicType/pictorialRepresentation

Simple Type pictureCaptionType

Namespace	http://www.ihc.int/S131/2.0
Annotations	Short description of the purpose of the image.
Diagram	<pre> graph LR A[pictureCaptionType] --> B["xs:string"] </pre> <p>Short description of the purpose of the image.</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>
Type	xs:string
Used by	Element graphicType/pictureCaption

Simple Type pictureInformationType

Namespace	http://www.ihc.int/S131/2.0
Annotations	A set of information to provide credits to picture creator, copyright owner etc.
Diagram	<pre> graph LR A[pictureInformationType] --> B["xs:string"] </pre> <p>A set of information to provide credits to picture creator, copyright owner etc.</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>
Type	xs:string
Used by	Element graphicType/pictureInformation

Simple Type pilotMovementLabel

Namespace	http://www.ihc.int/S131/2.0		
Annotations	Classification of pilot activity by arrival, departure, or change of pilot. It may also describe the place where the pilot's advice begins, ends, or is transferred to a different pilot.		
Diagram	<pre> graph LR A[pilotMovementLabel] --> B["xs:string"] </pre> <p>Classification of pilot activity by arrival, departure, or change of pilot. It may also describe the place where the...</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>		
Type	restriction of xs:string		
Facets	enumeration	Embarkation	1: The place where vessels not being navigated according to a pilot's instructions pick up a pilot while in transit from sea to a port or constricted waters for future navigation under pilot instructions.
	enumeration	Disembarkation	2: The place where vessels being navigated under a pilot's instructions in transit from sea to a port or constricted waters drop the pilot and proceed without being subject to pilot instructions.
	enumeration	Pilot Change	3: The place where vessels being navigated under a pilot's instructions drop off the pilot and pick up a different pilot for future navigation under pilot's instructions.

Used by	Complex Type	pilotMovementType
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Simple Type pilotMovementCode

Namespace	http://www.ihc.int/S131/2.0										
Annotations	Classification of pilot activity by arrival, departure, or change of pilot. It may also describe the place where the pilot's advice begins, ends, or is transferred to a different pilot.										
Diagram	<p>The diagram shows a UML class named 'pilotMovementCode' with a hollow diamond symbol indicating it is derived from another type. A line connects 'pilotMovementCode' to another class named 'xs:integer'. Below the classes, two callout boxes provide detailed descriptions: one for 'pilotMovementCode' stating 'Classification of pilot activity by arrival, departure, or change of pilot. It may also describe the place where the...' and another for 'xs:integer' stating 'Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...'.</p>										
Type	restriction of xs:integer										
Facets	<table border="1"> <tr> <td>enumeration</td> <td>1</td> <td>The place where vessels not being navigated according to a pilot's instructions pick up a pilot while in transit from sea to a port or constricted waters for future navigation under pilot instructions.</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>The place where vessels being navigated under a pilot's instructions in transit from sea to a port or constricted waters drop the pilot and proceed without being subject to pilot instructions.</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>The place where vessels being navigated under a pilot's instructions drop off the pilot and pick up a different pilot for future navigation under pilot's instructions.</td> </tr> </table>	enumeration	1	The place where vessels not being navigated according to a pilot's instructions pick up a pilot while in transit from sea to a port or constricted waters for future navigation under pilot instructions.	enumeration	2	The place where vessels being navigated under a pilot's instructions in transit from sea to a port or constricted waters drop the pilot and proceed without being subject to pilot instructions.	enumeration	3	The place where vessels being navigated under a pilot's instructions drop off the pilot and pick up a different pilot for future navigation under pilot's instructions.	
enumeration	1	The place where vessels not being navigated according to a pilot's instructions pick up a pilot while in transit from sea to a port or constricted waters for future navigation under pilot instructions.									
enumeration	2	The place where vessels being navigated under a pilot's instructions in transit from sea to a port or constricted waters drop the pilot and proceed without being subject to pilot instructions.									
enumeration	3	The place where vessels being navigated under a pilot's instructions drop off the pilot and pick up a different pilot for future navigation under pilot's instructions.									
Used by	Attribute	pilotMovementType/@code									

Simple Type PilotBoardingPlace_pilotMovementLabel

Namespace	http://www.ihc.int/S131/2.0										
Annotations	Custom enum: PilotBoardingPlace/pilotMovement										
Diagram	<p>The diagram shows a UML class named 'PilotBoardingPlace_pilotMovementLabel' with a hollow diamond symbol indicating it is derived from another type. A line connects 'PilotBoardingPlace_pilotMovementLabel' to another class named 'xs:string'. Below the classes, two callout boxes provide detailed descriptions: one for 'PilotBoardingPlace_pilotMovementLabel' stating 'Custom enum: PilotBoardingPlace/pilotMovement' and another for 'xs:string' stating 'Built-in primitive type. The string datatype represents character strings in XML.'</p>										
Type	restriction of xs:string										
Facets	<table border="1"> <tr> <td>enumeration</td> <td>Embarkation</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Disembarkation</td> <td></td> </tr> <tr> <td>enumeration</td> <td>Pilot Change</td> <td></td> </tr> </table>	enumeration	Embarkation		enumeration	Disembarkation		enumeration	Pilot Change		
enumeration	Embarkation										
enumeration	Disembarkation										
enumeration	Pilot Change										
Used by	Complex Type	PilotBoardingPlace_pilotMovementType									

Simple Type PilotBoardingPlace_pilotMovementCode

Namespace	http://www.ihc.int/S131/2.0							
Annotations	Custom enum: PilotBoardingPlace/pilotMovement							
Diagram	<p>The diagram shows a UML class named 'PilotBoardingPlace_pilotMovementCode' with a hollow diamond symbol indicating it is derived from another type. A line connects 'PilotBoardingPlace_pilotMovementCode' to another class named 'xs:integer'. Below the classes, two callout boxes provide detailed descriptions: one for 'PilotBoardingPlace_pilotMovementCode' stating 'Custom enum: PilotBoardingPlace/pilotMovement' and another for 'xs:integer' stating 'Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...'.</p>							
Type	restriction of xs:integer							
Facets	<table border="1"> <tr> <td>enumeration</td> <td>1</td> <td>The place where vessels not being navigated according to a pilot's instructions pick up a pilot while in transit from sea to a port or constricted waters for future navigation under pilot instructions.</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>The place where vessels being navigated under a pilot's instructions in transit from sea to a port or constricted waters drop the pilot and proceed without being subject to pilot instructions.</td> </tr> </table>	enumeration	1	The place where vessels not being navigated according to a pilot's instructions pick up a pilot while in transit from sea to a port or constricted waters for future navigation under pilot instructions.	enumeration	2	The place where vessels being navigated under a pilot's instructions in transit from sea to a port or constricted waters drop the pilot and proceed without being subject to pilot instructions.	
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	enumeration	3	The place where vessels being navigated under a pilot's instructions drop off the pilot and pick up a different pilot for future navigation under pilot's instructions.
Used by	Attribute	PilotBoardingPlace_pilotMovementType/@code	

Simple Type portFacilityNumberType

Namespace	http://www.ihc.int/S131/2.0		
Annotations	Number assigned to the port facility in the IMO port facility database.		
Diagram	<pre> classDiagram class portFacilityNumberType { <<Number assigned to the port facility in the IMO port facility database.>> } class xs:string { <<Built-in primitive type. The string datatype represents character strings in XML.>> } portFacilityNumberType "1" -- "0..1" xs:string </pre>		
Type	xs:string		
Used by	Elements BerthType/portFacilityNumber, TerminalType/portFacilityNumber		

Simple Type postalCodeType

Namespace	http://www.ihc.int/S131/2.0		
Annotations	Known in various countries as a postcode, or ZIP code, the postal code is a series of letters and/or digits that identifies each postal delivery area.		
Diagram	<pre> classDiagram class postalCodeType { <<Known in various countries as a postcode, or ZIP code, the postal code is a series of letters and/or digits that...>> } class xs:string { <<Built-in primitive type. The string datatype represents character strings in XML.>> } postalCodeType "1" -- "0..1" xs:string </pre>		
Type	xs:string		
Used by	Element contactAddressType/postalCode		

Simple Type productLabel

Namespace	http://www.ihc.int/S131/2.0		
Annotations	The various substances which are transported, stored or exploited.		
Diagram	<pre> classDiagram class productLabel { <<The various substances which are transported, stored or exploited.>> } class xs:string { <<Built-in primitive type. The string datatype represents character strings in XML.>> } productLabel "1" -- "0..1" xs:string </pre>		
Type	restriction of xs:string		
Facets	enumeration	Oil	1: A thick, slippery liquid that will not dissolve in water, usually petroleum based in the context of storage tanks.
	enumeration	Gas	2: A substance with particles that can move freely, usually a fuel substance in the context of storage tanks.
	enumeration	Stone	4: A general term for rock and rock fragments ranging in size from pebbles and gravel to boulders or large rock masses.
	enumeration	Coal	5: A hard black mineral that is burned as fuel.
	enumeration	Ore	6: A solid rock or mineral from which metal is obtained.
	enumeration	Chemicals	7: Any substance obtained by or used in a chemical process.
	enumeration	Milk	9: A white fluid secreted by female mammals as food for their young.
	enumeration	Bauxite	10: A mineral from which aluminum is obtained.
	enumeration	Coke	11: A solid substance obtained after gas and tar have been extracted from coal, used as a fuel.
	enumeration	Iron Ingots	12: An oblong lump of cast iron metal.

enumeration	Salt	13: Sodium chloride obtained from mines or by the evaporation of sea water.
enumeration	Sand	14: Loose material consisting of small but easily distinguishable, separate grains, between 0.0625 and 2.000 millimetres in diameter.
enumeration	Timber	15: Wood prepared for use in building or carpentry.
enumeration	Sawdust/Wood Chips	16: Powdery fragments of wood made in sawing timber or coarse chips produced for use in manufacturing pressed board.
enumeration	Scrap Metal	17: Discarded metal suitable for being reprocessed.
enumeration	Liquefied Natural Gas	18: Natural gas that has been liquefied for ease of transport by cooling the gas to -162 Celsius.
enumeration	Liquefied Petroleum Gas	19: A compressed gas consisting of flammable light hydrocarbons and derived from petroleum.
enumeration	Wine	20: The fermented juice of grapes.
enumeration	Cement	21: A substance made of powdered lime and clay, mixed with water.
enumeration	Grain	22: A small hard seed, especially that of any cereal plant such as wheat, rice, corn, rye etc.
Used by	Complex Type	productType

Simple Type productCode

Namespace	http://www.aho.int/S131/2.0																																														
Annotations	The various substances which are transported, stored or exploited.																																														
Diagram	<p>The diagram shows a UML class diagram with two nodes: 'productCode' (represented by a rectangle with a purple border and a checkmark icon) and 'xs:integer' (also a rectangle with a purple border and a checkmark icon). They are connected by a directed association line with an open diamond at the 'productCode' end. Below the nodes are two callout boxes: one pointing to 'productCode' containing the text 'The various substances which are transported, stored or exploited.', and another pointing to 'xs:integer' containing the text 'Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...'.</p>																																														
Type	restriction of xs:integer																																														
Facets	<table border="1"> <tr> <td>enumeration</td> <td>1</td> <td>A thick, slippery liquid that will not dissolve in water, usually petroleum based in the context of storage tanks.</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>A substance with particles that can move freely, usually a fuel substance in the context of storage tanks.</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>A general term for rock and rock fragments ranging in size from pebbles and gravel to boulders or large rock masses.</td> </tr> <tr> <td>enumeration</td> <td>5</td> <td>A hard black mineral that is burned as fuel.</td> </tr> <tr> <td>enumeration</td> <td>6</td> <td>A solid rock or mineral from which metal is obtained.</td> </tr> <tr> <td>enumeration</td> <td>7</td> <td>Any substance obtained by or used in a chemical process.</td> </tr> <tr> <td>enumeration</td> <td>9</td> <td>A white fluid secreted by female mammals as food for their young.</td> </tr> <tr> <td>enumeration</td> <td>10</td> <td>A mineral from which aluminum is obtained.</td> </tr> <tr> <td>enumeration</td> <td>11</td> <td>A solid substance obtained after gas and tar have been extracted from coal, used as a fuel.</td> </tr> <tr> <td>enumeration</td> <td>12</td> <td>An oblong lump of cast iron metal.</td> </tr> <tr> <td>enumeration</td> <td>13</td> <td>Sodium chloride obtained from mines or by the evaporation of sea water.</td> </tr> <tr> <td>enumeration</td> <td>14</td> <td>Loose material consisting of small but easily distinguishable, separate grains, between 0.0625 and 2.000 millimetres in diameter.</td> </tr> <tr> <td>enumeration</td> <td>15</td> <td>Wood prepared for use in building or carpentry.</td> </tr> <tr> <td>enumeration</td> <td>16</td> <td>Powdery fragments of wood made in sawing timber or coarse chips produced for use in manufacturing pressed board.</td> </tr> <tr> <td>enumeration</td> <td>17</td> <td>Discarded metal suitable for being reprocessed.</td> </tr> </table>		enumeration	1	A thick, slippery liquid that will not dissolve in water, usually petroleum based in the context of storage tanks.	enumeration	2	A substance with particles that can move freely, usually a fuel substance in the context of storage tanks.	enumeration	4	A general term for rock and rock fragments ranging in size from pebbles and gravel to boulders or large rock masses.	enumeration	5	A hard black mineral that is burned as fuel.	enumeration	6	A solid rock or mineral from which metal is obtained.	enumeration	7	Any substance obtained by or used in a chemical process.	enumeration	9	A white fluid secreted by female mammals as food for their young.	enumeration	10	A mineral from which aluminum is obtained.	enumeration	11	A solid substance obtained after gas and tar have been extracted from coal, used as a fuel.	enumeration	12	An oblong lump of cast iron metal.	enumeration	13	Sodium chloride obtained from mines or by the evaporation of sea water.	enumeration	14	Loose material consisting of small but easily distinguishable, separate grains, between 0.0625 and 2.000 millimetres in diameter.	enumeration	15	Wood prepared for use in building or carpentry.	enumeration	16	Powdery fragments of wood made in sawing timber or coarse chips produced for use in manufacturing pressed board.	enumeration	17	Discarded metal suitable for being reprocessed.
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	enumeration	21	A substance made of powdered lime and clay, mixed with water.
	enumeration	22	A small hard seed, especially that of any cereal plant such as wheat, rice, corn, rye etc.
Used by	Attribute	productType/@code	

Simple Type Terminal_productLabel

Namespace	http://www.oho.int/S131/2.0																																																														
Annotations	Custom enum: Terminal/product																																																														
Diagram	<pre> classDiagram class Terminal_productLabel { <<Custom enum: Terminal/product>> } class xsString { <<Built-in primitive type. The string datatype represents character strings in XML.>> } Terminal_productLabel o--> xsString </pre>																																																														
Type	restriction of xs:string																																																														
Facets	<table border="1"> <tr><td>enumeration</td><td>Oil</td><td></td></tr> <tr><td>enumeration</td><td>Gas</td><td></td></tr> <tr><td>enumeration</td><td>Stone</td><td></td></tr> <tr><td>enumeration</td><td>Coal</td><td></td></tr> <tr><td>enumeration</td><td>Ore</td><td></td></tr> <tr><td>enumeration</td><td>Chemicals</td><td></td></tr> <tr><td>enumeration</td><td>Milk</td><td></td></tr> <tr><td>enumeration</td><td>Bauxite</td><td></td></tr> <tr><td>enumeration</td><td>Coke</td><td></td></tr> <tr><td>enumeration</td><td>Iron Ingots</td><td></td></tr> <tr><td>enumeration</td><td>Salt</td><td></td></tr> <tr><td>enumeration</td><td>Sand</td><td></td></tr> <tr><td>enumeration</td><td>Timber</td><td></td></tr> <tr><td>enumeration</td><td>Sawdust/Wood Chips</td><td></td></tr> <tr><td>enumeration</td><td>Scrap Metal</td><td></td></tr> <tr><td>enumeration</td><td>Liquefied Natural Gas</td><td></td></tr> <tr><td>enumeration</td><td>Liquefied Petroleum Gas</td><td></td></tr> <tr><td>enumeration</td><td>Wine</td><td></td></tr> <tr><td>enumeration</td><td>Cement</td><td></td></tr> <tr><td>enumeration</td><td>Grain</td><td></td></tr> </table>			enumeration	Oil		enumeration	Gas		enumeration	Stone		enumeration	Coal		enumeration	Ore		enumeration	Chemicals		enumeration	Milk		enumeration	Bauxite		enumeration	Coke		enumeration	Iron Ingots		enumeration	Salt		enumeration	Sand		enumeration	Timber		enumeration	Sawdust/Wood Chips		enumeration	Scrap Metal		enumeration	Liquefied Natural Gas		enumeration	Liquefied Petroleum Gas		enumeration	Wine		enumeration	Cement		enumeration	Grain	
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Used by	Complex Type	Terminal_productType																																																													

Simple Type Terminal_productCode

Namespace	http://www.oho.int/S131/2.0		
Annotations	Custom enum: Terminal/product		
Diagram	<pre> classDiagram class Terminal_productCode { <<Custom enum: Terminal/product>> } class xsInteger { <<Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...>> } Terminal_productCode o--> xsInteger </pre>		
Type	restriction of xs:integer		
Facets	enumeration	1	A thick, slippery liquid that will not dissolve in water, usually petroleum based in the context of storage tanks.

enumeration	2	A substance with particles that can move freely, usually a fuel substance in the context of storage tanks.
enumeration	4	A general term for rock and rock fragments ranging in size from pebbles and gravel to boulders or large rock masses.
enumeration	5	A hard black mineral that is burned as fuel.
enumeration	6	A solid rock or mineral from which metal is obtained.
enumeration	7	Any substance obtained by or used in a chemical process.
enumeration	9	A white fluid secreted by female mammals as food for their young.
enumeration	10	A mineral from which aluminum is obtained.
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enumeration	13	Sodium chloride obtained from mines or by the evaporation of sea water.
enumeration	14	Loose material consisting of small but easily distinguishable, separate grains, between 0.0625 and 2.000 millimetres in diameter.
enumeration	15	Wood prepared for use in building or carpentry.
enumeration	16	Powdery fragments of wood made in sawing timber or coarse chips produced for use in manufacturing pressed board.
enumeration	17	Discarded metal suitable for being reprocessed.
enumeration	18	Natural gas that has been liquefied for ease of transport by cooling the gas to -162 Celsius.
enumeration	19	A compressed gas consisting of flammable light hydrocarbons and derived from petroleum.
enumeration	20	The fermented juice of grapes.
enumeration	21	A substance made of powdered lime and clay, mixed with water.
enumeration	22	A small hard seed, especially that of any cereal plant such as wheat, rice, corn, rye etc.
Used by	Attribute	Terminal_productType/@code

Simple Type protocolType

Namespace	http://www.aho.int/S131/2.0
Annotations	Connection protocol to be used. Example: ftp, http get KVP, http POST, etc.
Diagram	<pre> classDiagram class protocolType { <<Connection protocol to be used. Example: ftp, http get KVP, http POST, etc.>> } class xs:string { <<Built-in primitive type. The string datatype represents character strings in XML.>> } protocolType "1" -- "2" xs:string </pre> <p>Connection protocol to be used. Example: ftp, http get KVP, http POST, etc.</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>
Type	xs:string
Used by	Element onlineResourceType/protocol

Simple Type protocolRequestType

Namespace	http://www.aho.int/S131/2.0
Annotations	Request used to access the resource. Structure and content depend on the protocol and standard used by the online resource, such as Web Feature Service standard.
Diagram	<pre> classDiagram class protocolRequestType { <<Request used to access the resource. Structure and content depend on the protocol and standard used by the online...>> } class xs:string { <<Built-in primitive type. The string datatype represents character strings in XML.>> } protocolRequestType "1" -- "2" xs:string </pre> <p>Request used to access the resource. Structure and content depend on the protocol and standard used by the online...</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>
Type	xs:string

Used by	Element	onlineResourceType/protocolRequest
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Simple Type qualityOfHorizontalMeasurementLabel

Namespace	http://www.ihc.int/S131/2.0																																		
Annotations	The degree of reliability attributed to a position.																																		
Diagram	<pre> classDiagram class qualityOfHorizontalMeasurementLabel { <<The degree of reliability attributed to a position.>> } class xs:string { <<Built-in primitive type. The string datatype represents character strings in XML.>> } qualityOfHorizontalMeasurementLabel "1" -- "2" xs:string </pre>																																		
Type	restriction of xs:string																																		
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Used by	Complex Type	qualityOfHorizontalMeasurementType																																	

Simple Type qualityOfHorizontalMeasurementCode

Namespace	http://www.ihc.int/S131/2.0										
Annotations	The degree of reliability attributed to a position.										
Diagram	<pre> classDiagram class qualityOfHorizontalMeasurementCode { <<The degree of reliability attributed to a position.>> } class xs:integer { <<Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...>> } qualityOfHorizontalMeasurementCode "1" -- "2" xs:integer </pre>										
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enumeration	8	An object whose position has been reported and its position has not been confirmed.
enumeration	9	The most probable position of an object determined from incomplete data or data of questionable accuracy.
enumeration	10	A position that is of a known value, such as the position of an anchor berth or other defined object.
enumeration	11	A position that is computed from data.
Used by	Attribute	qualityOfHorizontalMeasurementType/@code

Simple Type **SpatialQuality_qualityOfHorizontalMeasurementLabel**

Namespace	http://www.ihc.int/S131/2.0																							
Annotations	Custom enum: SpatialQuality/qualityOfHorizontalMeasurement																							
Diagram	<pre> classDiagram class SpatialQuality_qualityOfHorizontalMeasurementLabel { <<Custom enum: SpatialQuality/qualityOfHorizontalMeasurement>> } class xs:string { <<Built-in primitive type. The string datatype represents character strings in XML.>> } SpatialQuality_qualityOfHorizontalMeasurementLabel " --" xs:string </pre>																							
Type	restriction of xs:string																							
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Used by	Complex Type	SpatialQuality_qualityOfHorizontalMeasurementType																						

Simple Type **SpatialQuality_qualityOfHorizontalMeasurementCode**

Namespace	http://www.ihc.int/S131/2.0	
Annotations	Custom enum: SpatialQuality/qualityOfHorizontalMeasurement	
Diagram	<pre> classDiagram class SpatialQuality_qualityOfHorizontalMeasurementCode { <<Custom enum: SpatialQuality/qualityOfHorizontalMeasurement>> } class xs:integer { <<Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...>> } SpatialQuality_qualityOfHorizontalMeasurementCode " --" xs:integer </pre>	
Type	restriction of xs:integer	

Facets	enumeration	1	The position(s) was(were) determined by the operation of making measurements for determining the relative position of points on, above or beneath the earth's surface. Survey implies a regular, controlled survey of any date.
	enumeration	2	Survey data is does not exist or is very poor.
	enumeration	3	Not surveyed to modern standards; or due to its age, scale, or positional or vertical uncertainties is not suitable to the type of navigation expected in the area.
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	enumeration	6	A feature's position has been obtained from questionable or unreliable data.
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	enumeration	8	An object whose position has been reported and its position has not been confirmed.
	enumeration	9	The most probable position of an object determined from incomplete data or data of questionable accuracy.
	enumeration	10	A position that is of a known value, such as the position of an anchor berth or other defined object.
	enumeration	11	A position that is computed from data.
Used by	Attribute	SpatialQuality_qualityOfHorizontalMeasurementType/@code	

Simple Type radiusType

Namespace	http://www.ihoint/S131/2.0	
Annotations	The vector extending from the centre to the periphery of a circular or spherical feature.	
Diagram	<p>The vector extending from the centre to the periphery of a circular or spherical feature.</p> <p>Built-in primitive type. The decimal datatype represents arbitrary precision decimal numbers.</p>	
Type	restriction of xs:decimal	
Facets	minExclusive	0 .. 0
Used by	Element AnchorBerthType/radius	

Simple Type rampNumberType

Namespace	http://www.ihoint/S131/2.0	
Annotations	An identifier for a specific ramp (a sloping structure that can be used as a landing place for small vessels, landing ships, or a ferry boat, or for hauling a cradle carrying a vessel, or for the transfer of rolling cargo).	
Diagram	<p>An identifier for a specific ramp (a sloping structure that can be used as a landing place for small vessels, landing...</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>	
Type	xs:string	
Used by	Elements BerthPositionType/rampNumber, BerthType/rampNumber	

Simple Type repairServiceLabel

Namespace	http://www.ihc.int/S131/2.0		
Annotations	Work or maintenance activities whereby vessels or equipment are restored to working order, renovated, or improved in condition.		
Diagram	<pre> graph LR repairServiceLabel[repairServiceLabel] --- xsString[xs:string] </pre> <p>The diagram shows a UML class named 'repairServiceLabel' connected by a line to a box labeled 'xs:string'. A callout box under 'repairServiceLabel' states: 'Work or maintenance activities whereby vessels or equipment are restored to working order, renovated, or improved in...'. A callout box under 'xs:string' states: 'Built-in primitive type. The string datatype represents character strings in XML.'</p>		
Type	restriction of xs:string		
Facets	enumeration	Compensation of Magnetic Compass	1: The process of neutralizing or reducing to a minimum the magnetic effects the vessel itself exerts on a magnetic compass. It is based on the principle that the magnetic effect of the iron and steel of the vessel can be counterbalanced by means of magnets and soft iron placed near the compass. Also called compass adjustment, compass compensation, or magnetic compensation.
	enumeration	Diver Service	2: Underwater inspection and repair performed by divers.
	enumeration	Bridge Equipment Repair	3: Repairs to equipment installed on the ship's bridge.
	enumeration	Engine Repair	4: Repair of an engine or machine parts.
	enumeration	Electronic Equipment Repair	5: Repair of marine electronic instruments.
	enumeration	Hull Repair	6: Repairs to the ship's body, frame, or superstructure.
	enumeration	Navigational Equipment Repair	7: Repairs to equipment used in the act of navigating a ship.
	enumeration	Propeller Repair	8: Repairs to propeller hub and blades.
	enumeration	Salvage Gear Repair	9: Repairs to equipment used in salvage operations.
	enumeration	Shaft Repair	10: Repairs to drive shafts used for transmitting mechanical power and torque to a propeller.
Used by	Complex Type	repairServiceType	

Simple Type repairServiceCode

Namespace	http://www.ihc.int/S131/2.0		
Annotations	Work or maintenance activities whereby vessels or equipment are restored to working order, renovated, or improved in condition.		
Diagram	<pre> graph LR repairServiceCode[repairServiceCode] --- xsInteger[xs:integer] </pre> <p>The diagram shows a UML class named 'repairServiceCode' connected by a line to a box labeled 'xs:integer'. A callout box under 'repairServiceCode' states: 'Work or maintenance activities whereby vessels or equipment are restored to working order, renovated, or improved in...'. A callout box under 'xs:integer' states: 'Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...'</p>		
Type	restriction of xs:integer		
Facets	enumeration	1	The process of neutralizing or reducing to a minimum the magnetic effects the vessel itself exerts on a magnetic compass. It is based on the principle that the magnetic effect of the iron and steel of the vessel can be counterbalanced by means of magnets and soft iron placed near the compass. Also called compass adjustment, compass compensation, or magnetic compensation.
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	enumeration	7	Repairs to equipment used in the act of navigating a ship.
	enumeration	8	Repairs to propeller hub and blades.
	enumeration	9	Repairs to equipment used in salvage operations.
	enumeration	10	Repairs to drive shafts used for transmitting mechanical power and torque to a propeller.
Used by	Attribute	repairServiceType/@code	

Simple Type AvailablePortServices_repairServiceLabel

Namespace	http://www.aho.int/S131/2.0																																
Annotations	Custom enum: AvailablePortServices/repairService																																
Diagram	<p>AvailablePortServices_repairServiceLabel is a custom enum derived from xs:string. It has a note indicating it is a built-in primitive type representing character strings in XML.</p>																																
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enumeration	Shaft Repair																																
Used by	Complex Type	AvailablePortServices_repairServiceType																															

Simple Type AvailablePortServices_repairServiceCode

Namespace	http://www.aho.int/S131/2.0																				
Annotations	Custom enum: AvailablePortServices/repairService																				
Diagram	<p>AvailablePortServices_repairServiceCode is a custom enum derived from xs:integer. It has a note indicating it is a built-in derived type derived from decimal by fixing fractionDigits to 0.</p>																				
Type	restriction of xs:integer																				
Facets	<table> <tr> <td>enumeration</td> <td>1</td> <td>The process of neutralizing or reducing to a minimum the magnetic effects the vessel itself exerts on a magnetic compass. It is based on the principle that the magnetic effect of the iron and steel of the vessel can be counterbalanced by means of magnets and soft iron placed near the compass. Also called compass adjustment, compass compensation, or magnetic compensation.</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>Underwater inspection and repair performed by divers.</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>Repairs to equipment installed on the ship's bridge.</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>Repair of an engine or machine parts.</td> </tr> <tr> <td>enumeration</td> <td>5</td> <td>Repair of marine electronic instruments.</td> </tr> <tr> <td>enumeration</td> <td>6</td> <td>Repairs to the ship's body, frame, or superstructure.</td> </tr> </table>			enumeration	1	The process of neutralizing or reducing to a minimum the magnetic effects the vessel itself exerts on a magnetic compass. It is based on the principle that the magnetic effect of the iron and steel of the vessel can be counterbalanced by means of magnets and soft iron placed near the compass. Also called compass adjustment, compass compensation, or magnetic compensation.	enumeration	2	Underwater inspection and repair performed by divers.	enumeration	3	Repairs to equipment installed on the ship's bridge.	enumeration	4	Repair of an engine or machine parts.	enumeration	5	Repair of marine electronic instruments.	enumeration	6	Repairs to the ship's body, frame, or superstructure.
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	enumeration	8	Repairs to propeller hub and blades.
	enumeration	9	Repairs to equipment used in salvage operations.
	enumeration	10	Repairs to drive shafts used for transmitting mechanical power and torque to a propeller.
Used by	Attribute		AvailablePortServices_repairServiceType/@code

Simple Type safeWorkingLoadType

Namespace	http://www.ihc.int/S131/2.0		
Annotations	The maximum safe force or load that a piece of equipment, device, or accessory can handle without breaking or failing under normal conditions.		
Diagram			
Type	restriction of xs:decimal		
Facets	minExclusive	0 . 0	
Used by	Elements	BerthType/safeWorkingLoad, BollardType/safeWorkingLoad, MooringWarpingFacilityType/safeWorkingLoad	

Simple Type scaleMinimumType

Namespace	http://www.ihc.int/S131/2.0		
Annotations	The minimum scale at which the feature may be used for example for ECDIS presentation.		
Diagram			
Type	xs:integer		
Used by	Element	TextPlacementType/scaleMinimum	

Simple Type shipSanitationControlLabel

Namespace	http://www.ihc.int/S131/2.0		
Annotations	Application of measures to ensure that a vessel is free of disease and disease risks, or issue of completion or exemption certificates for such measures.		
Diagram			
Type	restriction of xs:string		
Facets	enumeration	Sanitation Measures Only	1: Capable of applying measures to ensure that a vessel is free of disease and disease risks, but cannot issue a certificate.
	enumeration	Issue SSCC	2: The competent authority can issue a Ship Sanitation Control Certificate after satisfactorily completing or supervising the completion of ship sanitation control measures.
	enumeration	Issue SSCEC	3: The competent authority may issue a Ship Sanitation Control Exemption Certificate if it is satisfied that the ship is free of infection and contamination, including vectors and reservoirs.
Used by	Complex Type	shipSanitationControlType	

Simple Type shipSanitationControlCode

Namespace	http://www.ihc.int/S131/2.0	
Annotations	Application of measures to ensure that a vessel is free of disease and disease risks, or issue of completion or exemption certificates for such measures.	
Diagram	<p>The diagram shows a UML class named 'shipSanitationControlCode' with a hollow diamond symbol indicating it is derived from another type. A line connects it to the built-in type 'xs:integer'. Below the class, there are two callouts: one pointing to the class with the text 'Application of measures to ensure that a vessel is free of disease and disease risks, or issue of completion or...', and another pointing to the 'xs:integer' type with the text 'Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...'.</p>	
Type	restriction of xs:integer	
Facets	enumeration	1 Capable of applying measures to ensure that a vessel is free of disease and disease risks, but cannot issue a certificate.
	enumeration	2 The competent authority can issue a Ship Sanitation Control Certificate after satisfactorily completing or supervising the completion of ship sanitation control measures.
	enumeration	3 The competent authority may issue a Ship Sanitation Control Exemption Certificate if it is satisfied that the ship is free of infection and contamination, including vectors and reservoirs.
Used by	Attribute	shipSanitationControlType/@code

Simple Type AvailablePortServices_shipSanitationControlLabel

Namespace	http://www.ihc.int/S131/2.0	
Annotations	Custom enum: AvailablePortServices/shipSanitationControl	
Diagram	<p>The diagram shows a UML class named 'AvailablePortServices_shipSanitationControlLabel' with a hollow diamond symbol indicating it is derived from another type. A line connects it to the built-in type 'xs:string'. Below the class, there are two callouts: one pointing to the class with the text 'Custom enum: AvailablePortServices/shipSanitationControl', and another pointing to the 'xs:string' type with the text 'Built-in primitive type. The string datatype represents character strings in XML.'</p>	
Type	restriction of xs:string	
Facets	enumeration	Sanitation Measures Only
	enumeration	Issue SSCC
	enumeration	Issue SSCEC
Used by	Complex Type	AvailablePortServices_shipSanitationControlType

Simple Type AvailablePortServices_shipSanitationControlCode

Namespace	http://www.ihc.int/S131/2.0	
Annotations	Custom enum: AvailablePortServices/shipSanitationControl	
Diagram	<p>The diagram shows a UML class named 'AvailablePortServices_shipSanitationControlCode' with a hollow diamond symbol indicating it is derived from another type. A line connects it to the built-in type 'xs:integer'. Below the class, there are two callouts: one pointing to the class with the text 'Custom enum: AvailablePortServices/shipSanitationControl', and another pointing to the 'xs:integer' type with the text 'Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...'.</p>	
Type	restriction of xs:integer	
Facets	enumeration	1 Capable of applying measures to ensure that a vessel is free of disease and disease risks, but cannot issue a certificate.
	enumeration	2 The competent authority can issue a Ship Sanitation Control Certificate after satisfactorily completing or supervising the completion of ship sanitation control measures.
	enumeration	3 The competent authority may issue a Ship Sanitation Control Exemption Certificate if it is satisfied that the ship is free of infection and contamination, including vectors and reservoirs.
Used by	Attribute	AvailablePortServices_shipSanitationControlType/@code

Simple Type shorePowerDescriptionType

Namespace	http://www.oho.int/S131/2.0
Annotations	A textual description of precautions for shore power usage.
Diagram	<p>A textual description of precautions for shore power usage.</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>
Type	xs:string
Used by	Elements BerthType/shorePowerDescription, OnshorePowerFacilityType/shorePowerDescription

Simple Type shorePowerServiceProviderType

Namespace	http://www.oho.int/S131/2.0
Annotations	An entity that generates, sells, or is responsible for supplying shore power to vessels.
Diagram	<p>An entity that generates, sells, or is responsible for supplying shore power to vessels.</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>
Type	xs:string
Used by	Element OnshorePowerFacilityType/shorePowerServiceProvider

Simple Type sillDepthType

Namespace	http://www.oho.int/S131/2.0				
Annotations	The greatest depth over a sill.				
Diagram	<p>The greatest depth over a sill.</p> <p>Built-in primitive type. The decimal datatype represents arbitrary precision decimal numbers.</p>				
Type	restriction of xs:decimal				
Facets	<table> <tr> <td>maxInclusive</td> <td>100.0</td> </tr> <tr> <td>minInclusive</td> <td>0.0</td> </tr> </table>	maxInclusive	100.0	minInclusive	0.0
maxInclusive	100.0				
minInclusive	0.0				
Used by	Elements DryDockType/sillDepth, FloatingDockType/sillDepth, GridironType/sillDepth, LockBasinPartType/sillDepth, LockBasinType/sillDepth				

Simple Type sMDGTerminalCodeType

Namespace	http://www.oho.int/S131/2.0
Annotations	A code from the SMDG (Ship Message Design Group) Terminal Code List.
Diagram	<p>A code from the SMDG (Ship Message Design Group) Terminal Code List.</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>
Type	xs:string
Used by	Element TerminalType/sMDGTerminalCode

Simple Type sourceType

Namespace	http://www.oho.int/S131/2.0
Annotations	The publication, document, or reference work from which information comes or is acquired.
Diagram	<p>The publication, document, or reference work from which information comes or is acquired.</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>
Type	xs:string
Used by	Element sourceIndicationType/source

Simple Type sourceDateType

Namespace	http://www.ihc.int/S131/2.0	
Annotations	The production date of the source; for example the date of measurement.	
Diagram	<pre> classDiagram class sourceDateType class xsdate sourceDateType "1" -- "0..1" xsdate </pre> <p>The production date of the source; for example the date of measurement.</p> <p>Built-in primitive type. The date datatype represents a calendar date.</p>	
Type	xs:date	
Used by	Element	graphicType/sourceDate

Simple Type sourceTypeLabel

Namespace	http://www.ihc.int/S131/2.0		
Annotations	Type of the source.		
Diagram	<pre> classDiagram class sourceTypeLabel class xsstring sourceTypeLabel "1" -- "0..1" xsstring </pre> <p>Type of the source.</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>		
Type	restriction of xs:string		
Facets	enumeration	Law or Regulation	1: Treaty, convention, or international agreement; law or regulation issued by a national or other authority.
	enumeration	Official Publication	2: Publication not having the force of law, issued by an international organisation or a national or local administration.
	enumeration	Mariner Report, Confirmed	7: Reported by mariner(s) and confirmed by another source.
	enumeration	Mariner Report, Not Confirmed	8: Reported by mariner(s) but not confirmed.
	enumeration	Industry Publications and Reports	9: Shipping and other industry publications, including graphics, charts and web sites.
	enumeration	Remotely Sensed Images	10: Information obtained from satellite images.
	enumeration	Photographs	11: Information obtained from photographs.
	enumeration	Products Issued by HO Services	12: Information obtained from products issued by Hydrographic Offices.
	enumeration	News Media	13: Information obtained from news media.
	enumeration	Traffic Data	14: Information obtained from the analysis of traffic data.
Used by	Complex Type	sourceTypeType	

Simple Type sourceTypeCode

Namespace	http://www.ihc.int/S131/2.0		
Annotations	Type of the source.		
Diagram	<pre> classDiagram class sourceTypeCode class xsinteger sourceTypeCode "1" -- "0..1" xsinteger </pre> <p>Type of the source.</p> <p>Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...</p>		
Type	restriction of xs:integer		
Facets	enumeration	1	Treaty, convention, or international agreement; law or regulation issued by a national or other authority.
	enumeration	2	Publication not having the force of law, issued by an international organisation or a national or local administration.
	enumeration	7	Reported by mariner(s) and confirmed by another source.
	enumeration	8	Reported by mariner(s) but not confirmed.

	enumeration	9	Shipping and other industry publications, including graphics, charts and web sites.
	enumeration	10	Information obtained from satellite images.
	enumeration	11	Information obtained from photographs.
	enumeration	12	Information obtained from products issued by Hydrographic Offices.
	enumeration	13	Information obtained from news media.
	enumeration	14	Information obtained from the analysis of traffic data.
Used by	Attribute	sourceTypeType/@code	

Simple Type sourceIndication_sourceTypeLabel

Namespace	http://www.ihodata.org/S131/2.0	
Annotations	Restricted values of sourceIndication/sourceType	
Diagram	<pre> classDiagram class sourceIndication_sourceTypeLabel { <<xs:string>> } sourceIndication_sourceTypeLabel < -- xs:string </pre> <p>Diagram illustrating the relationship between sourceIndication_sourceTypeLabel and xs:string. sourceIndication_sourceTypeLabel is a restriction of xs:string. A callout box indicates that xs:string is a built-in primitive type representing character strings in XML.</p>	
Type	restriction of xs:string	
Facets		
	enumeration	Law or Regulation
	enumeration	Official Publication
	enumeration	Mariner Report, Confirmed
	enumeration	Mariner Report, Not Confirmed
	enumeration	Industry Publications and Reports
	enumeration	Remotely Sensed Images
	enumeration	Photographs
	enumeration	Products Issued by HO Services
	enumeration	News Media
	enumeration	Traffic Data
Used by	Complex Type	sourceIndication_sourceTypeType

Simple Type sourceIndication_sourceTypeCode

Namespace	http://www.ihodata.org/S131/2.0		
Annotations	Restricted values of sourceIndication/sourceType		
Diagram	<pre> classDiagram class sourceIndication_sourceTypeCode { <<xs:integer>> } sourceIndication_sourceTypeCode < -- xs:integer </pre> <p>Diagram illustrating the relationship between sourceIndication_sourceTypeCode and xs:integer. sourceIndication_sourceTypeCode is a restriction of xs:integer. A callout box indicates that xs:integer is a built-in derived type derived from decimal by fixing fractionDigits to 0.</p>		
Type	restriction of xs:integer		
Facets			
	enumeration	1	Treaty, convention, or international agreement; law or regulation issued by a national or other authority.
	enumeration	2	Publication not having the force of law, issued by an international organisation or a national or local administration.
	enumeration	7	Reported by mariner(s) and confirmed by another source.
	enumeration	8	Reported by mariner(s) but not confirmed.
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	enumeration	10	Information obtained from satellite images.
	enumeration	11	Information obtained from photographs.

	enumeration	12	Information obtained from products issued by Hydrographic Offices.
	enumeration	13	Information obtained from news media.
	enumeration	14	Information obtained from the analysis of traffic data.
Used by	Attribute	sourceIndication_sourceTypeType/@code	

Simple Type supplyServiceLabel

Namespace	http://www.ihc.int/S131/2.0																																
Annotations	Classification of services for the provision of materials, goods, utilities, or personal services to vessels, passengers, or crew.																																
Diagram	<p>The diagram illustrates the type definition for supplyServiceLabel. It shows a class icon labeled 'supplyServiceLabel' connected by a line to a primitive type icon labeled 'xs:string'. A callout box below 'supplyServiceLabel' states: 'Classification of services for the provision of materials, goods, utilities, or personal services to vessels,...'. Another callout box below 'xs:string' states: 'Built-in primitive type. The string datatype represents character strings in XML.'</p>																																
Type	restriction of xs:string																																
Facets	<table> <tr> <td>enumeration</td> <td>Shore Power</td> <td>1: The provision of shoreside electrical power to a ship at berth while its main and auxiliary engines are shut down.</td> </tr> <tr> <td>enumeration</td> <td>Fuel Oil Bunkering</td> <td>2: Transfer of fuel oil to the fuel compartments of a ship.</td> </tr> <tr> <td>enumeration</td> <td>LNG Bunkering</td> <td>3: Transfer of liquefied natural gas to the fuel compartments of a ship.</td> </tr> <tr> <td>enumeration</td> <td>Lubricants</td> <td>4: Substances capable of reducing friction, heat, and wear when introduced as a film between solid surfaces.</td> </tr> <tr> <td>enumeration</td> <td>Steam</td> <td>5: The gas into which water is changed by boiling.</td> </tr> <tr> <td>enumeration</td> <td>Potable Water</td> <td>6: Water which can be used for drinking and food preparation.</td> </tr> <tr> <td>enumeration</td> <td>International Shore Connection</td> <td>7: A universal hose connection for the supply of water for fighting fires.</td> </tr> <tr> <td>enumeration</td> <td>Provisions</td> <td>8: A place where food and other such supplies are available.</td> </tr> <tr> <td>enumeration</td> <td>Chandler</td> <td>9: A dealer in ships' supplies.</td> </tr> <tr> <td>enumeration</td> <td>Mechanics Workshop</td> <td>10: A place where mechanical repairs can be undertaken to engines or other vessel equipment.</td> </tr> </table>			enumeration	Shore Power	1: The provision of shoreside electrical power to a ship at berth while its main and auxiliary engines are shut down.	enumeration	Fuel Oil Bunkering	2: Transfer of fuel oil to the fuel compartments of a ship.	enumeration	LNG Bunkering	3: Transfer of liquefied natural gas to the fuel compartments of a ship.	enumeration	Lubricants	4: Substances capable of reducing friction, heat, and wear when introduced as a film between solid surfaces.	enumeration	Steam	5: The gas into which water is changed by boiling.	enumeration	Potable Water	6: Water which can be used for drinking and food preparation.	enumeration	International Shore Connection	7: A universal hose connection for the supply of water for fighting fires.	enumeration	Provisions	8: A place where food and other such supplies are available.	enumeration	Chandler	9: A dealer in ships' supplies.	enumeration	Mechanics Workshop	10: A place where mechanical repairs can be undertaken to engines or other vessel equipment.
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Used by	Complex Type	supplyServiceType																															

Simple Type supplyServiceCode

Namespace	http://www.ihc.int/S131/2.0														
Annotations	Classification of services for the provision of materials, goods, utilities, or personal services to vessels, passengers, or crew.														
Diagram	<p>The diagram illustrates the type definition for supplyServiceCode. It shows a class icon labeled 'supplyServiceCode' connected by a line to a primitive type icon labeled 'xs:integer'. A callout box below 'supplyServiceCode' states: 'Classification of services for the provision of materials, goods, utilities, or personal services to vessels,...'. Another callout box below 'xs:integer' states: 'Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...'</p>														
Type	restriction of xs:integer														
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	enumeration	5	The gas into which water is changed by boiling.
	enumeration	6	Water which can be used for drinking and food preparation.
	enumeration	7	A universal hose connection for the supply of water for fighting fires.
	enumeration	8	A place where food and other such supplies are available.
	enumeration	9	A dealer in ships' supplies.
	enumeration	10	A place where mechanical repairs can be undertaken to engines or other vessel equipment.
Used by	Attribute	supplyServiceType/@code	

Simple Type AvailablePortServices_supplyServiceLabel

Namespace	http://www.ihoint/S131/2.0																																
Annotations	Custom enum: AvailablePortServices/supplyService																																
Diagram	<pre> classDiagram class AvailablePortServices_supplyServiceLabel { <<Custom enum: AvailablePortServices/supplyService>> } class xs_string { <<Built-in primitive type. The string datatype represents character strings in XML.>> } AvailablePortServices_supplyServiceLabel --> xs_string </pre>																																
Type	restriction of xs:string																																
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Used by	Complex Type	AvailablePortServices_supplyServiceType																															

Simple Type AvailablePortServices_supplyServiceCode

Namespace	http://www.ihoint/S131/2.0																							
Annotations	Custom enum: AvailablePortServices/supplyService																							
Diagram	<pre> classDiagram class AvailablePortServices_supplyServiceCode { <<Custom enum: AvailablePortServices/supplyService>> } class xs_integer { <<Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...>> } AvailablePortServices_supplyServiceCode --> xs_integer </pre>																							
Type	restriction of xs:integer																							
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	enumeration	8	A place where food and other such supplies are available.
	enumeration	9	A dealer in ships' supplies.
	enumeration	10	A place where mechanical repairs can be undertaken to engines or other vessel equipment.
Used by	Attribute AvailablePortServices_supplyServiceType/@code		

Simple Type technicalPortServiceLabel

Namespace	http://www.ihc.int/S131/2.0		
Annotations	Services for the adjustment of vessel equipment or for assessments pertaining to cargo, compliance with regulations, safety, or security.		
Diagram	<p>technicalPortServiceLabel -- xs:string</p> <p>Services for the adjustment of vessel equipment or for assessments pertaining to cargo, compliance with regulations,...</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>		
Type	restriction of xs:string		
Facets	enumeration	Compensation of Magnetic Compass	1: The process of neutralizing or reducing to a minimum the magnetic effects the vessel itself exerts on a magnetic compass. It is based on the principle that the magnetic effect of the iron and steel of the vessel can be counterbalanced by means of magnets and soft iron placed near the compass. Also called compass adjustment, compass compensation, or magnetic compensation.
	enumeration	Degaussing	2: Neutralization of the strength of the magnetic field of a vessel, by means of suitably arranged electric coils permanently installed in the vessel. See also Degaussing Cable.
	enumeration	Cargo Surveying	3: Inspection, evaluation or monitoring of the quantity, stowage, loading and unloading, and condition of cargo, and the effects of cargoes on vessel stability and safety.
	enumeration	Vetting	4: Assessment of quality and compliance with applicable law, regulations, and safety standards.
Used by	Complex Type	technicalPortServiceType	

Simple Type technicalPortServiceCode

Namespace	http://www.ihc.int/S131/2.0		
Annotations	Services for the adjustment of vessel equipment or for assessments pertaining to cargo, compliance with regulations, safety, or security.		
Diagram	<p>technicalPortServiceCode -- xs:integer</p> <p>Services for the adjustment of vessel equipment or for assessments pertaining to cargo, compliance with regulations,...</p> <p>Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...</p>		
Type	restriction of xs:integer		
Facets	enumeration	1	The process of neutralizing or reducing to a minimum the magnetic effects the vessel itself exerts on a magnetic compass. It is based on the principle that the magnetic effect of the iron and steel of the vessel can be counterbalanced by means of magnets and soft iron placed near the compass. Also called compass adjustment, compass compensation, or magnetic compensation.
	enumeration	2	Neutralization of the strength of the magnetic field of a vessel, by means of suitably arranged electric coils permanently installed in the vessel. See also Degaussing Cable.
	enumeration	3	Inspection, evaluation or monitoring of the quantity, stowage, loading and unloading, and condition of cargo, and the effects of cargoes on vessel stability and safety.

	enumeration	4	Assessment of quality and compliance with applicable law, regulations, and safety standards.
Used by	Attribute	technicalPortServiceType/@code	

Simple Type AvailablePortServices_technicalPortServiceLabel

Namespace	http://www.ihc.int/S131/2.0										
Annotations	Custom enum: AvailablePortServices/technicalPortService										
Diagram	<p>AvailablePortServices_technicalPortServiceLabel is a custom enum type derived from xs:string. It contains four枚举值: Compensation of Magnetic Compass, Degaussing, Cargo Surveying, and Vetting.</p>										
Type	restriction of xs:string										
Facets	<table border="1"> <tr> <td>enumeration</td> <td>Compensation of Magnetic Compass</td> </tr> <tr> <td>enumeration</td> <td>Degaussing</td> </tr> <tr> <td>enumeration</td> <td>Cargo Surveying</td> </tr> <tr> <td>enumeration</td> <td>Vetting</td> </tr> </table>			enumeration	Compensation of Magnetic Compass	enumeration	Degaussing	enumeration	Cargo Surveying	enumeration	Vetting
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enumeration	Degaussing										
enumeration	Cargo Surveying										
enumeration	Vetting										
Used by	Complex Type AvailablePortServices_technicalPortServiceType										

Simple Type AvailablePortServices_technicalPortServiceCode

Namespace	http://www.ihc.int/S131/2.0														
Annotations	Custom enum: AvailablePortServices/technicalPortService														
Diagram	<p>AvailablePortServices_technicalPortServiceCode is a custom enum type derived from xs:integer. It contains four枚举值: 1, 2, 3, and 4.</p>														
Type	restriction of xs:integer														
Facets	<table border="1"> <tr> <td>enumeration</td> <td>1</td> <td>The process of neutralizing or reducing to a minimum the magnetic effects the vessel itself exerts on a magnetic compass. It is based on the principle that the magnetic effect of the iron and steel of the vessel can be counterbalanced by means of magnets and soft iron placed near the compass. Also called compass adjustment, compass compensation, or magnetic compensation.</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>Neutralization of the strength of the magnetic field of a vessel, by means of suitably arranged electric coils permanently installed in the vessel. See also Degaussing Cable.</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>Inspection, evaluation or monitoring of the quantity, stowage, loading and unloading, and condition of cargo, and the effects of cargoes on vessel stability and safety.</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>Assessment of quality and compliance with applicable law, regulations, and safety standards.</td> </tr> </table>			enumeration	1	The process of neutralizing or reducing to a minimum the magnetic effects the vessel itself exerts on a magnetic compass. It is based on the principle that the magnetic effect of the iron and steel of the vessel can be counterbalanced by means of magnets and soft iron placed near the compass. Also called compass adjustment, compass compensation, or magnetic compensation.	enumeration	2	Neutralization of the strength of the magnetic field of a vessel, by means of suitably arranged electric coils permanently installed in the vessel. See also Degaussing Cable.	enumeration	3	Inspection, evaluation or monitoring of the quantity, stowage, loading and unloading, and condition of cargo, and the effects of cargoes on vessel stability and safety.	enumeration	4	Assessment of quality and compliance with applicable law, regulations, and safety standards.
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enumeration	4	Assessment of quality and compliance with applicable law, regulations, and safety standards.													
Used by	Attribute AvailablePortServices_technicalPortServiceType/@code														

Simple Type telecommunicationCarrierType

Namespace	http://www.ihc.int/S131/2.0		
Annotations	The name of a provider or type of carrier for a telecommunication service. This service may include land line based, shore based or satellite based radio connections.		
Diagram	<p>telecommunicationCarrierType is a simple type xs:string. It represents the name of a provider or type of carrier for a telecommunication service.</p>		
Type	xs:string		

Used by	Element	telecommunicationsType/telecommunicationCarrier
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Simple Type telecommunicationIdentifierType

Namespace	http://www.aho.int/S131/2.0
Annotations	An identifier, such as words, numbers, letters, symbols, or any combination of those used to establish a contact to a particular person, organisation or service.
Diagram	<pre> graph LR T[telecommunicationIdentifierType] --> S(xs:string) style T fill:#e0e0ff style S fill:#e0e0ff </pre> <p>An Identifier, such as words, numbers, letters, symbols, or any combination of those used to establish a contact to a...</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>
Type	xs:string
Used by	Element telecommunicationsType/telecommunicationIdentifier

Simple Type telecommunicationServiceLabel

Namespace	http://www.aho.int/S131/2.0																								
Annotations	Classification of methods of communication over a distance by electrical, electronic, or electromagnetic means.																								
Diagram	<pre> graph LR T[telecommunicationServiceLabel] --> S(xs:string) style T fill:#e0e0ff style S fill:#e0e0ff </pre> <p>Classification of methods of communication over a distance by electrical, electronic, or electromagnetic means.</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>																								
Type	restriction of xs:string																								
Facets	<table border="0"> <tr> <td>enumeration</td> <td>Voice</td> <td>1: The transfer or exchange of information by using sounds that are being made by mouth and throat when speaking.</td> </tr> <tr> <td>enumeration</td> <td>Facsimile</td> <td>2: A system of transmitting and reproducing graphic matter (as printing or still pictures) by means of signals sent over telephone lines.</td> </tr> <tr> <td>enumeration</td> <td>SMS</td> <td>3: Short Message Service is a form of text messaging communication on phones and mobile phones.</td> </tr> <tr> <td>enumeration</td> <td>Data</td> <td>4: A representation of facts, concepts or instructions in a formalised manner suitable for communication, interpretation or processing.</td> </tr> <tr> <td>enumeration</td> <td>Streamed Data</td> <td>5: Data that is constantly received by and presented to an end-user while being delivered by a provider.</td> </tr> <tr> <td>enumeration</td> <td>Telex</td> <td>6: A system of communication in which messages are sent over long distances by using a telephone system and are printed by using a special machine (called a teletypewriter).</td> </tr> <tr> <td>enumeration</td> <td>Telegraph</td> <td>7: An apparatus, system or process for communication at a distance by electric transmission over wire.</td> </tr> <tr> <td>enumeration</td> <td>Email</td> <td>8: Messages and other data exchanged between individuals using computers in a network.</td> </tr> </table>	enumeration	Voice	1: The transfer or exchange of information by using sounds that are being made by mouth and throat when speaking.	enumeration	Facsimile	2: A system of transmitting and reproducing graphic matter (as printing or still pictures) by means of signals sent over telephone lines.	enumeration	SMS	3: Short Message Service is a form of text messaging communication on phones and mobile phones.	enumeration	Data	4: A representation of facts, concepts or instructions in a formalised manner suitable for communication, interpretation or processing.	enumeration	Streamed Data	5: Data that is constantly received by and presented to an end-user while being delivered by a provider.	enumeration	Telex	6: A system of communication in which messages are sent over long distances by using a telephone system and are printed by using a special machine (called a teletypewriter).	enumeration	Telegraph	7: An apparatus, system or process for communication at a distance by electric transmission over wire.	enumeration	Email	8: Messages and other data exchanged between individuals using computers in a network.
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enumeration	SMS	3: Short Message Service is a form of text messaging communication on phones and mobile phones.																							
enumeration	Data	4: A representation of facts, concepts or instructions in a formalised manner suitable for communication, interpretation or processing.																							
enumeration	Streamed Data	5: Data that is constantly received by and presented to an end-user while being delivered by a provider.																							
enumeration	Telex	6: A system of communication in which messages are sent over long distances by using a telephone system and are printed by using a special machine (called a teletypewriter).																							
enumeration	Telegraph	7: An apparatus, system or process for communication at a distance by electric transmission over wire.																							
enumeration	Email	8: Messages and other data exchanged between individuals using computers in a network.																							
Used by	Complex Type telecommunicationServiceType																								

Simple Type telecommunicationServiceCode

Namespace	http://www.aho.int/S131/2.0
Annotations	Classification of methods of communication over a distance by electrical, electronic, or electromagnetic means.
Diagram	<pre> graph LR T[telecommunicationServiceCode] --> S(xs:integer) style T fill:#e0e0ff style S fill:#e0e0ff </pre> <p>Classification of methods of communication over a distance by electrical, electronic, or electromagnetic means.</p> <p>Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...</p>
Type	restriction of xs:integer

Facets	enumeration	1	The transfer or exchange of information by using sounds that are being made by mouth and throat when speaking.
	enumeration	2	A system of transmitting and reproducing graphic matter (as printing or still pictures) by means of signals sent over telephone lines.
	enumeration	3	Short Message Service is a form of text messaging communication on phones and mobile phones.
	enumeration	4	A representation of facts, concepts or instructions in a formalised manner suitable for communication, interpretation or processing.
	enumeration	5	Data that is constantly received by and presented to an end-user while being delivered by a provider.
	enumeration	6	A system of communication in which messages are sent over long distances by using a telephone system and are printed by using a special machine (called a teletypewriter).
	enumeration	7	An apparatus, system or process for communication at a distance by electric transmission over wire.
	enumeration	8	Messages and other data exchanged between individuals using computers in a network.
	Used by	Attribute	telecommunicationServiceType/@code

Simple Type telecommunications_telecommunicationServiceLabel

Namespace	http://www.oho.int/S131/2.0																	
Annotations	Restricted values of telecommunications/telecommunicationService																	
Diagram																		
Type	restriction of xs:string																	
Facets	<table border="1"> <tr><td>enumeration</td><td>Voice</td></tr> <tr><td>enumeration</td><td>Facsimile</td></tr> <tr><td>enumeration</td><td>SMS</td></tr> <tr><td>enumeration</td><td>Data</td></tr> <tr><td>enumeration</td><td>Streamed Data</td></tr> <tr><td>enumeration</td><td>Telex</td></tr> <tr><td>enumeration</td><td>Telegraph</td></tr> <tr><td>enumeration</td><td>Email</td></tr> </table>		enumeration	Voice	enumeration	Facsimile	enumeration	SMS	enumeration	Data	enumeration	Streamed Data	enumeration	Telex	enumeration	Telegraph	enumeration	Email
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Used by	Complex Type	telecommunications_telecommunicationServiceType																

Simple Type telecommunications_telecommunicationServiceCode

Namespace	http://www.oho.int/S131/2.0										
Annotations	Restricted values of telecommunications/telecommunicationService										
Diagram											
Type	restriction of xs:integer										
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	enumeration	7	An apparatus, system or process for communication at a distance by electric transmission over wire.
	enumeration	8	Messages and other data exchanged between individuals using computers in a network.
Used by	Attribute	telecommunications_telecommunicationServiceType/@code	

Simple Type terminalIdentifierType

Namespace	http://www.oho.int/S131/2.0		
Annotations	The unique identifier for a given terminal.		
Diagram	<pre> classDiagram class terminalIdentifierType { <<The unique identifier for a given terminal.>> } class xs:string { <<Built-in primitive type. The string datatype represents character strings in XML.>> } terminalIdentifierType < -- xs:string </pre>		
Type	xs:string		
Used by	Elements BerthType/terminalIdentifier, TerminalType/terminalIdentifier		

Simple Type textType

Namespace	http://www.oho.int/S131/2.0		
Annotations	A non-formatted digital text string.		
Diagram	<pre> classDiagram class textType { <<A non-formatted digital text string.>> } class xs:string { <<Built-in primitive type. The string datatype represents character strings in XML.>> } textType < -- xs:string </pre>		
Type	xs:string		
Used by	Elements informationType/text, scheduleByDayOfWeekType/text		

Simple Type textOffsetBearingType

Namespace	http://www.oho.int/S131/2.0						
Annotations	The angular distance measured from true north that text associated with a feature is positioned from the feature in an end-user system.						
Diagram	<pre> classDiagram class textOffsetBearingType { <<The angular distance measured from true north that text associated with a feature is positioned from the feature in an...>> } class xs:integer { <<Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...>> } textOffsetBearingType < -- xs:integer </pre>						
Type	restriction of xs:integer						
Facets	<table border="1"> <tr> <td>maxExclusive</td> <td>360</td> </tr> <tr> <td>minInclusive</td> <td>0</td> </tr> </table>			maxExclusive	360	minInclusive	0
maxExclusive	360						
minInclusive	0						
Used by	Element TextPlacementType/textOffsetBearing						

Simple Type textOffsetDistanceType

Namespace	http://www.oho.int/S131/2.0		
Annotations	The distance that text associated with a feature is positioned from the feature in an end-user system.		

Diagram	
Type	restriction of xs:integer
Facets	maxInclusive 50
	minExclusive 0
Used by	Element TextPlacementType/textOffsetDistance

Simple Type textRotationType

Namespace	http://www.ihc.int/S131/2.0
Annotations	A statement that expresses if text associated with a feature is to be rotated in the ECDIS display or not.
Diagram	
Type	xs:boolean
Used by	Element TextPlacementType/textRotation

Simple Type textTypeLabel

Namespace	http://www.ihc.int/S131/2.0
Annotations	The attribute from which a text string is derived.
Diagram	
Type	restriction of xs:string
Facets	enumeration Name 1: The individual name of a feature.
Used by	Complex Type textTypeType

Simple Type textTypeCode

Namespace	http://www.ihc.int/S131/2.0
Annotations	The attribute from which a text string is derived.
Diagram	
Type	restriction of xs:integer
Facets	enumeration 1 The individual name of a feature.
Used by	Attribute textTypeType/@code

Simple Type TextPlacement_textTypeLabel

Namespace	http://www.ihc.int/S131/2.0
Annotations	Custom enum: TextPlacement/textType
Diagram	
Type	restriction of xs:string

Facets	enumeration	Name
Used by	Complex Type	TextPlacement_textType

Simple Type TextPlacement_textTypeCode

Namespace	http://www.aho.int/S131/2.0	
Annotations	Custom enum: TextPlacement/textType	
Diagram	<pre> classDiagram class TextPlacement_textTypeCode class xs_integer TextPlacement_textTypeCode "0..1" -- "0..1" xs_integer </pre>	<p>Custom enum: TextPlacement/textType</p> <p>Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...</p>
Type	restriction of xs:integer	
Facets	enumeration	1
Used by	Attribute	TextPlacement_textType/@code

Simple Type thicknessOfIceCapabilityType

Namespace	http://www.aho.int/S131/2.0	
Annotations	The thickness of ice that the ship can safely transit.	
Diagram	<pre> classDiagram class thicknessOfIceCapabilityType class xs_integer thicknessOfIceCapabilityType "0..1" -- "0..1" xs_integer </pre>	<p>The thickness of ice that the ship can safely transit.</p> <p>Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...</p>
Type	restriction of xs:integer	
Facets	minExclusive 0	
Used by	Element ApplicabilityType/thicknessOfIceCapability	

Simple Type timeOfDayEndType

Namespace	http://www.aho.int/S131/2.0	
Annotations	The time corresponding to the end of an active period.	
Diagram	<pre> classDiagram class timeOfDayEndType class xs_time timeOfDayEndType "0..1" -- "0..1" xs_time </pre>	<p>The time corresponding to the end of an active period.</p> <p>Built-in primitive type. The time datatype represents an instant of time that recurs every day.</p>
Type	xs:time	
Used by	Element timeIntervalsByDayOfWeekType/timeOfDayEnd	

Simple Type timeOfDayStartType

Namespace	http://www.aho.int/S131/2.0	
Annotations	The time corresponding to the start of an active period.	
Diagram	<pre> classDiagram class timeOfDayStartType class xs_time timeOfDayStartType "0..1" -- "0..1" xs_time </pre>	<p>The time corresponding to the start of an active period.</p> <p>Built-in primitive type. The time datatype represents an instant of time that recurs every day.</p>
Type	xs:time	
Used by	Element timeIntervalsByDayOfWeekType/timeOfDayStart	

Simple Type tugInformationType

Namespace	http://www.aho.int/S131/2.0	
Annotations	Textual description of the types and capacities of available tugs.	
Diagram	<pre> classDiagram class tugInformationType class xs_string tugInformationType "0..1" -- "0..1" xs_string </pre>	<p>Textual description of the types and capacities of available tugs.</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>

Type	xs:string
Used by	Element AvailablePortServicesType/tugInformation

Simple Type uNLocationCodeType

Namespace	http://www.ihodata.org/S131/2.0
Annotations	Used to encode the UN Location Code (http://www.unece.org/cefact/locode/service/location.html) or - in Europe - the Inland Ship Reporting Standard (ISRS) Code.
Diagram	<pre> graph LR uNLocationCodeType[uNLocationCodeType] -- "restriction of" --> xsString[xs:string] </pre> <p>The diagram illustrates the relationship between the simple type <code>uNLocationCodeType</code> and the built-in primitive type <code>xs:string</code>. An arrow labeled "restriction of" points from <code>uNLocationCodeType</code> to <code>xs:string</code>. A callout box under <code>uNLocationCodeType</code> states: "Used to encode the UN Location Code (http://www.unece.org/cefact/locode/service/location.html) or - in Europe - the...". Another callout box under <code>xs:string</code> states: "Built-in primitive type. The string datatype represents character strings in XML.".</p>
Type	xs:string
Used by	Elements BerthType/uNLocationCode, HarbourAreaAdministrativeType/uNLocationCode, TerminalType/uNLocationCode

Simple Type uncertaintyFixedType

Namespace	http://www.ihodata.org/S131/2.0
Annotations	The best estimate of the fixed horizontal or vertical accuracy component for positions, depths, heights, vertical distances and vertical clearances.
Diagram	<pre> graph LR uncertaintyFixedType[uncertaintyFixedType] -- "restriction of" --> xsDecimal[xs:decimal] </pre> <p>The diagram illustrates the relationship between the simple type <code>uncertaintyFixedType</code> and the built-in primitive type <code>xs:decimal</code>. An arrow labeled "restriction of" points from <code>uncertaintyFixedType</code> to <code>xs:decimal</code>. A callout box under <code>uncertaintyFixedType</code> states: "The best estimate of the fixed horizontal or vertical accuracy component for positions, depths, heights, vertical...". Another callout box under <code>xs:decimal</code> states: "Built-in primitive type. The decimal datatype represents arbitrary precision decimal numbers.".</p>
Type	xs:decimal
Used by	Elements horizontalPositionUncertaintyType/uncertaintyFixed, verticalUncertaintyType/uncertaintyFixed

Simple Type uncertaintyVariableFactorType

Namespace	http://www.ihodata.org/S131/2.0
Annotations	The factor to be applied to the variable component of an uncertainty equation so as to provide the best estimate of the variable horizontal or vertical accuracy component for positions, depths, heights, vertical distances and vertical clearances.
Diagram	<pre> graph LR uncertaintyVariableFactorType[uncertaintyVariableFactorType] -- "restriction of" --> xsDecimal[xs:decimal] </pre> <p>The diagram illustrates the relationship between the simple type <code>uncertaintyVariableFactorType</code> and the built-in primitive type <code>xs:decimal</code>. An arrow labeled "restriction of" points from <code>uncertaintyVariableFactorType</code> to <code>xs:decimal</code>. A callout box under <code>uncertaintyVariableFactorType</code> states: "The factor to be applied to the variable component of an uncertainty equation so as to provide the best estimate of the...". Another callout box under <code>xs:decimal</code> states: "Built-in primitive type. The decimal datatype represents arbitrary precision decimal numbers.".</p>
Type	xs:decimal
Used by	Elements horizontalPositionUncertaintyType/uncertaintyVariableFactor, verticalUncertaintyType/uncertaintyVariableFactor

Simple Type verticalClearanceValueType

Namespace	http://www.ihodata.org/S131/2.0				
Annotations	The vertical clearance measured from the horizontal plane towards the feature overhead.				
Diagram	<pre> graph LR verticalClearanceValueType[verticalClearanceValueType] -- "restriction of" --> xsDecimal[xs:decimal] </pre> <p>The diagram illustrates the relationship between the simple type <code>verticalClearanceValueType</code> and the built-in primitive type <code>xs:decimal</code>. An arrow labeled "restriction of" points from <code>verticalClearanceValueType</code> to <code>xs:decimal</code>. A callout box under <code>verticalClearanceValueType</code> states: "The vertical clearance measured from the horizontal plane towards the feature overhead.". Another callout box under <code>xs:decimal</code> states: "Built-in primitive type. The decimal datatype represents arbitrary precision decimal numbers.".</p>				
Type	restriction of xs:decimal				
Facets	<table border="1"> <tr> <td>maxInclusive</td> <td>100.0</td> </tr> <tr> <td>minInclusive</td> <td>0.1</td> </tr> </table>	maxInclusive	100.0	minInclusive	0.1
maxInclusive	100.0				
minInclusive	0.1				

Used by	Elements	DryDockType/verticalClearanceValue, GridironType/verticalClearanceValue, ShipLiftType/verticalClearanceValue
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Simple Type verticalDatumLabel

Namespace	http://www.ihc.int/S131/2.0																																																														
Annotations	The reference level used for expressing the vertical measurements of points on the earth's surface. Also called datum level, reference plane, levelling datum, datum for sounding reduction, datum for heights.																																																														
Diagram	<p>The diagram shows a UML class named 'verticalDatumLabel' with a multiplicity of 0..1. It has a directed association labeled 'xs:string' pointing to another class. A callout box under 'verticalDatumLabel' states: 'The reference level used for expressing the vertical measurements of points on the earth's surface. Also called datum...'. A callout box under 'xs:string' states: 'Built-in primitive type. The string datatype represents character strings in XML.'</p>																																																														
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	enumeration	Mean Higher High Water	21: The average height of higher high waters at a place over a 19-year period.
	enumeration	Equinoctial Spring Low Water	22: The level of low water springs near the time of an equinox.
	enumeration	Lowest Astronomical Tide	23: The lowest tide level which can be predicted to occur under average meteorological conditions and under any combination of astronomical conditions.
	enumeration	Local Datum	24: An arbitrary datum defined by a local harbour authority, from which levels and tidal heights are measured by this authority.
	enumeration	International Great Lakes Datum 1985	25: A vertical reference system with its zero based on the mean water level at Rimouski/Pointe-au-Pere, Quebec, over the period 1970 to 1988.
	enumeration	Mean Water Level	26: The average of all hourly water levels over the available period of record.
	enumeration	Lower Low Water Large Tide	27: The average of the lowest low waters, one from each of 19 years of observations.
	enumeration	Higher High Water Large Tide	28: The average of the highest high waters, one from each of 19 years of observations.
	enumeration	Nearly Highest High Water	29: An arbitrary level approximating the highest water level observed at a place, usually equivalent to the high water springs.
	enumeration	Highest Astronomical Tide	30: The highest tidal level which can be predicted to occur under average meteorological conditions and under any combination of astronomical conditions.
	enumeration	Baltic Sea Chart Datum 2000	44: The datum refers to each Baltic country's realization of the European Vertical Reference System (EVRS) with land-uplift epoch 2000, which is connected to the Normaal Amsterdams Peil (NAP).
Used by	Complex Type	verticalDatumType	

Simple Type **verticalDatumCode**

Namespace	http://www.ihc.int/S131/2.0																							
Annotations	The reference level used for expressing the vertical measurements of points on the earth's surface. Also called datum level, reference plane, levelling datum, datum for sounding reduction, datum for heights.																							
Diagram																								
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enumeration	10	An arbitrary level, usually within 0.3m from that of Lowest Astronomical Tide (LAT).
enumeration	11	An arbitrary level approximating the lowest water level observed at a place, usually equivalent to the Indian Spring Low Water (ISLW).
enumeration	12	The average height of the lower low waters at a place over a 19-year period.
enumeration	13	The lowest level reached at a place by the water surface in one oscillation. Also called low tide.
enumeration	14	An arbitrary level, usually within 0.3m from that of Mean Low Water (MLW).
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enumeration	16	The average height of all high waters at a place over a 19-year period.
enumeration	17	The average height of the high waters of spring tides. Also called spring high water.
enumeration	18	The highest level reached at a place by the water surface in one oscillation.
enumeration	19	An arbitrary level, usually within 0.3m from that of Mean Sea Level (MSL).
enumeration	20	An arbitrary level, approximating that of mean high water springs (MHWS).
enumeration	21	The average height of higher high waters at a place over a 19-year period.
enumeration	22	The level of low water springs near the time of an equinox.
enumeration	23	The lowest tide level which can be predicted to occur under average meteorological conditions and under any combination of astronomical conditions.
enumeration	24	An arbitrary datum defined by a local harbour authority, from which levels and tidal heights are measured by this authority.
enumeration	25	A vertical reference system with its zero based on the mean water level at Rimouski/Pointe-au-Pere, Quebec, over the period 1970 to 1988.
enumeration	26	The average of all hourly water levels over the available period of record.
enumeration	27	The average of the lowest low waters, one from each of 19 years of observations.
enumeration	28	The average of the highest high waters, one from each of 19 years of observations.
enumeration	29	An arbitrary level approximating the highest water level observed at a place, usually equivalent to the high water springs.
enumeration	30	The highest tidal level which can be predicted to occur under average meteorological conditions and under any combination of astronomical conditions.
enumeration	44	The datum refers to each Baltic country's realization of the European Vertical Reference System (EVRS) with land-uplift epoch 2000, which is connected to the Normaal Amsterdams Peil (NAP).
Used by	Attribute	verticalDatumType/@code

Simple Type soundingDatum_verticalDatumLabel

Namespace	http://www.ihc.int/S131/2.0
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Annotations	Custom enum: SoundingDatum/verticalDatum																																															
Diagram		Custom enum: SoundingDatum/verticalDatum																																														
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Type	restriction of xs:string																																															
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Used by	Complex Type	SoundingDatum_verticalDatumType																																														

Simple Type SoundingDatum_verticalDatumCode

Namespace	http://www.ihodata.org/S131/2.0		
Annotations	Custom enum: SoundingDatum/verticalDatum		
Diagram		Custom enum: SoundingDatum/verticalDatum	Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...
Type	restriction of xs:integer		
Facets	enumeration	1	The average height of the low waters of spring tides. This level is used as a tidal datum in some areas. Also called spring low water.
	enumeration	2	The average height of lower low water springs at a place.

enumeration	3	The average height of the surface of the sea at a tide station for all stages of the tide over a 19-year period, usually determined from hourly height readings measured from a fixed predetermined reference level.
enumeration	4	An arbitrary level conforming to the lowest tide observed at a place, or some what lower.
enumeration	5	The average height of all low waters at a place over a 19-year period.
enumeration	6	An arbitrary level conforming to the lowest water level observed at a place at spring tides during a period of time shorter than 19 years.
enumeration	7	An arbitrary level, usually within 0.3m from that of Mean Low Water Springs (MLWS).
enumeration	8	An arbitrary tidal datum approximating the level of the mean of the lower low water at spring tides. It was first used in waters surrounding India.
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enumeration	10	An arbitrary level, usually within 0.3m from that of Lowest Astronomical Tide (LAT).
enumeration	11	An arbitrary level approximating the lowest water level observed at a place, usually equivalent to the Indian Spring Low Water (ISLW).
enumeration	12	The average height of the lower low waters at a place over a 19-year period.
enumeration	13	The lowest level reached at a place by the water surface in one oscillation. Also called low tide.
enumeration	14	An arbitrary level, usually within 0.3m from that of Mean Low Water (MLW).
enumeration	15	An arbitrary level, usually within 0.3m from that of Mean Lower Low Water (MLLW).
enumeration	19	An arbitrary level, usually within 0.3m from that of Mean Sea Level (MSL).
enumeration	22	The level of low water springs near the time of an equinox.
enumeration	23	The lowest tide level which can be predicted to occur under average meteorological conditions and under any combination of astronomical conditions.
enumeration	24	An arbitrary datum defined by a local harbour authority, from which levels and tidal heights are measured by this authority.
enumeration	25	A vertical reference system with its zero based on the mean water level at Rimouski/Pointe-au-Pere, Quebec, over the period 1970 to 1988.
enumeration	26	The average of all hourly water levels over the available period of record.
enumeration	27	The average of the lowest low waters, one from each of 19 years of observations.
enumeration	44	The datum refers to each Baltic country's realization of the European Vertical Reference System (EVRS) with land-uplift epoch 2000, which is connected to the Normaal Amsterdams Peil (NAP).
Used by	Attribute	SoundingDatum_verticalDatumType/@code

Simple Type `VerticalDatumOfData_verticalDatumLabel`

Namespace	http://www.ihc.int/S131/2.0
Annotations	Custom enum: VerticalDatumOfData/verticalDatum
Diagram	<pre> classDiagram class VerticalDatumOfData_verticalDatumLabel class xs_string VerticalDatumOfData_verticalDatumLabel "1" -- "1" xs_string </pre> <p>Custom enum: VerticalDatumOfData/verticalDatum</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>

Type	restriction of xs:string	
Facets	enumeration	Mean Sea Level
	enumeration	Low Water
	enumeration	Mean High Water
	enumeration	Mean High Water Springs
	enumeration	High Water
	enumeration	Approximate Mean Sea Level
	enumeration	High Water Springs
	enumeration	Mean Higher High Water
	enumeration	Local Datum
	enumeration	International Great Lakes Datum 1985
	enumeration	Mean Water Level
	enumeration	Higher High Water Large Tide
	enumeration	Nearly Highest High Water
	enumeration	Highest Astronomical Tide
	enumeration	Baltic Sea Chart Datum 2000
Used by	Complex Type	VerticalDatumOfData_verticalDatumType

Simple Type VerticalDatumOfData_verticalDatumCode

Namespace	http://www.ihc.int/S131/2.0																																		
Annotations	Custom enum: VerticalDatumOfData/verticalDatum																																		
Diagram	<pre> classDiagram class VerticalDatumOfData_verticalDatumCode { <<Custom enum: VerticalDatumOfData/verticalDatum>> } class xs_integer { <<Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...>> } VerticalDatumOfData_verticalDatumCode < -- xs_integer </pre>																																		
Type	restriction of xs:integer																																		
Facets	<table border="1"> <tr> <td>enumeration</td> <td>3</td> <td>The average height of the surface of the sea at a tide station for all stages of the tide over a 19-year period, usually determined from hourly height readings measured from a fixed predetermined reference level.</td> </tr> <tr> <td>enumeration</td> <td>13</td> <td>The lowest level reached at a place by the water surface in one oscillation. Also called low tide.</td> </tr> <tr> <td>enumeration</td> <td>16</td> <td>The average height of all high waters at a place over a 19-year period.</td> </tr> <tr> <td>enumeration</td> <td>17</td> <td>The average height of the high waters of spring tides. Also called spring high water.</td> </tr> <tr> <td>enumeration</td> <td>18</td> <td>The highest level reached at a place by the water surface in one oscillation.</td> </tr> <tr> <td>enumeration</td> <td>19</td> <td>An arbitrary level, usually within 0.3m from that of Mean Sea Level (MSL).</td> </tr> <tr> <td>enumeration</td> <td>20</td> <td>An arbitrary level, approximating that of mean high water springs (MHWS).</td> </tr> <tr> <td>enumeration</td> <td>21</td> <td>The average height of higher high waters at a place over a 19-year period.</td> </tr> <tr> <td>enumeration</td> <td>24</td> <td>An arbitrary datum defined by a local harbour authority, from which levels and tidal heights are measured by this authority.</td> </tr> <tr> <td>enumeration</td> <td>25</td> <td>A vertical reference system with its zero based on the mean water level at Rimouski/Pointe-aux-Pere, Quebec, over the period 1970 to 1988.</td> </tr> <tr> <td>enumeration</td> <td>26</td> <td>The average of all hourly water levels over the available period of record.</td> </tr> </table>		enumeration	3	The average height of the surface of the sea at a tide station for all stages of the tide over a 19-year period, usually determined from hourly height readings measured from a fixed predetermined reference level.	enumeration	13	The lowest level reached at a place by the water surface in one oscillation. Also called low tide.	enumeration	16	The average height of all high waters at a place over a 19-year period.	enumeration	17	The average height of the high waters of spring tides. Also called spring high water.	enumeration	18	The highest level reached at a place by the water surface in one oscillation.	enumeration	19	An arbitrary level, usually within 0.3m from that of Mean Sea Level (MSL).	enumeration	20	An arbitrary level, approximating that of mean high water springs (MHWS).	enumeration	21	The average height of higher high waters at a place over a 19-year period.	enumeration	24	An arbitrary datum defined by a local harbour authority, from which levels and tidal heights are measured by this authority.	enumeration	25	A vertical reference system with its zero based on the mean water level at Rimouski/Pointe-aux-Pere, Quebec, over the period 1970 to 1988.	enumeration	26	The average of all hourly water levels over the available period of record.
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Used by	Attribute		VerticalDatumOfData_verticalDatumType/@code

Simple Type verticalLengthType

Namespace	http://www.ihodata.org/S131/2.0	
Annotations	The total vertical length of a feature.	
Diagram		
Type	restriction of xs:decimal	
Facets	minExclusive 0 . 0	
Used by	Elements BollardType/verticalLength, MooringBuoyType/verticalLength	

Simple Type vesselPerformanceType

Namespace	http://www.ihodata.org/S131/2.0	
Annotations	A description of the required handling characteristics of a vessel including hull design, main and auxiliary machinery, cargo handling equipment, navigation equipment and manoeuvring behaviour.	
Diagram		
Type	xs:string	
Used by	Element ApplicabilityType/vesselPerformance	

Simple Type vesselsCharacteristicsLabel

Namespace	http://www.ihodata.org/S131/2.0		
Annotations	Characteristics of vessels.		
Diagram			
Type	restriction of xs:string		
Facets	enumeration	Length Overall	1: The maximum length of the ship.
	enumeration	Length at Waterline	2: The ship's length measured at the waterline.
	enumeration	Breadth	3: The width or beam of the vessel.
	enumeration	Draught	4: The depth of water necessary to float a vessel fully loaded.
	enumeration	Displacement Tonnage	6: A measurement of the weight of the vessel, usually used for warships. (Merchant ships are usually measured based on the volume of cargo space; see tonnage). Displacement is expressed either in long tons of 2,240 pounds or metric

		tonnes of 1,000 kg. Since the two units are very close in size (2,240 pounds = 1,016 kg and 1,000 kg = 2,205 pounds), it is common not to distinguish between them. To preserve secrecy, nations sometimes misstate a warship's displacement.
enumeration	Displacement Tonnage, Light	7: The weight of the ship excluding cargo, fuel, ballast, stores, passengers, and crew, but with water in the boilers to steaming level.
enumeration	Displacement Tonnage, Loaded	8: The weight of the ship including cargo, passengers, fuel, water, stores, dunnage and such other items necessary for use on a voyage, which brings the vessel down to her load draft.
enumeration	Deadweight Tonnage	9: The difference between displacement, light and displacement, loaded. A measure of the ship's total carrying capacity.
enumeration	Gross Tonnage	10: The entire internal cubic capacity of the ship expressed in tons of 100 cubic feet to the ton, except certain spaces which are exempted such as: peak and other tanks for water ballast, open forecastle bridge and poop, access of hatchways, certain light and air spaces, domes of skylights, condenser, anchor gear, steering gear, wheel house, galley and cabin for passengers.
enumeration	Net Tonnage	11: Obtained from the gross tonnage by deducting crew and navigating spaces and allowances for propulsion machinery.
enumeration	Panama Canal/Universal Measurement System Net Tonnage	12: The Panama Canal/Universal Measurement System (PC/UMS) is based on net tonnage, modified for Panama Canal purposes. PC/UMS is based on a mathematical formula to calculate a vessel's total volume; a PC/UMS net ton is equivalent to 100 cubic feet of capacity.
enumeration	Suez Canal Net Tonnage	13: The Suez Canal Net Tonnage (SCNT) is derived with a number of modifications from the former net register tonnage of the Moorsom System and was established by the International Commission of Constantinople in its Protocol of 18 December 1873. It is still in use, as amended by the Rules of Navigation of the Suez Canal Authority, and is registered in the Suez Canal Tonnage Certificate.
Used by	Complex Type	vesselsCharacteristicsType

Simple Type vesselsCharacteristicsCode

Namespace	http://www.ihc.int/S131/2.0	
Annotations	Characteristics of vessels.	
Diagram		
Type	restriction of xs:integer	
Facets	enumeration	1 The maximum length of the ship.
	enumeration	2 The ship's length measured at the waterline.
	enumeration	3 The width or beam of the vessel.
	enumeration	4 The depth of water necessary to float a vessel fully loaded.
	enumeration	6 A measurement of the weight of the vessel, usually used for warships. (Merchant ships are usually measured based on the volume of cargo space; see tonnage). Displacement is expressed either in long tons of 2,240 pounds or metric tonnes of 1,000 kg. Since the two units are very close in size (2,240 pounds = 1,016 kg and 1,000 kg = 2,205 pounds), it is common not to distinguish between them. To preserve secrecy, nations sometimes misstate a warship's displacement.

enumeration	7	The weight of the ship excluding cargo, fuel, ballast, stores, passengers, and crew, but with water in the boilers to steaming level.
enumeration	8	The weight of the ship including cargo, passengers, fuel, water, stores, dunnage and such other items necessary for use on a voyage, which brings the vessel down to her load draft.
enumeration	9	The difference between displacement, light and displacement, loaded. A measure of the ship's total carrying capacity.
enumeration	10	The entire internal cubic capacity of the ship expressed in tons of 100 cubic feet to the ton, except certain spaces which are exempted such as: peak and other tanks for water ballast, open forecastle bridge and poop, access of hatchways, certain light and air spaces, domes of skylights, condenser, anchor gear, steering gear, wheel house, galley and cabin for passengers.
enumeration	11	Obtained from the gross tonnage by deducting crew and navigating spaces and allowances for propulsion machinery.
enumeration	12	The Panama Canal/Universal Measurement System (PC/UMS) is based on net tonnage, modified for Panama Canal purposes. PC/UMS is based on a mathematical formula to calculate a vessel's total volume; a PC/UMS net ton is equivalent to 100 cubic feet of capacity.
enumeration	13	The Suez Canal Net Tonnage (SCNT) is derived with a number of modifications from the former net register tonnage of the Moorsom System and was established by the International Commission of Constantinople in its Protocol of 18 December 1873. It is still in use, as amended by the Rules of Navigation of the Suez Canal Authority, and is registered in the Suez Canal Tonnage Certificate.
Used by	Attribute	vesselsCharacteristicsType/@code

Simple Type vesselMeasurementsSpecification_vesselsCharacteristicsLabel

Namespace	http://www.ihc.int/S131/2.0																								
Annotations	Restricted values of vesselMeasurementsSpecification/vesselsCharacteristics																								
Diagram	<p>Diagram illustrating the relationship between the simple type <code>vesselMeasurementsSpecification_vesselsCharacteristicsLabel</code> and the XML Schema primitive type <code>xs:string</code>. The diagram shows a class named <code>vesselMeasurementsSpecification_vesselsCharacteristicsLabel</code> with a single association to <code>xs:string</code>. Both ends of the association have a multiplicity of <code>0..1</code>. A note below the association line specifies: "Restricted values of vesselMeasurementsSpecification/vesselsCharacteristics".</p>																								
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Used by	Complex Type	vesselMeasurementsSpecification_vesselsCharacteristicsType
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Simple Type vesselMeasurementsSpecification_vesselsCharacteristicsCode

Namespace	http://www.ihc.int/S131/2.0																																					
Annotations	Restricted values of vesselMeasurementsSpecification/vesselsCharacteristics																																					
Diagram	<pre> classDiagram class vesselMeasurementsSpecification_vesselsCharacteristicsCode { <<Restricted values of vesselMeasurementsSpecification/vesselsCharacteristics>> } class xs_integer { <<Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...>> } vesselMeasurementsSpecification_vesselsCharacteristicsCode < -- xs_integer </pre>																																					
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Used by	Attribute	vesselMeasurementsSpecification_vesselsCharacteristicsType/@code																																				

Simple Type vesselsCharacteristicsUnitLabel

Namespace	http://www.ihc.int/S131/2.0
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Annotations	The unit used for vessel characteristics attribute.		
Diagram			
Type	restriction of xs:string		
Facets	enumeration	Metres	1: The basic unit of length in the International System of Units (SI) system.
	enumeration	Metric Ton	3: The tonne or metric ton (U.S.), often redundantly referred to as a metric tonne, is a unit of mass equal to 1,000 kg (2,205 lb) or approximately the mass of one cubic metre of water at four degrees Celsius. It is sometimes abbreviated as mt in the United States, but this conflicts with other SI symbols. The tonne is not a unit in the International System of Units (SI), but is accepted for use with the SI. In SI units and prefixes, the tonne is a megagram (Mg). The Imperial and US customary units comparable to the tonne are both spelled ton in English, though they differ in mass. Pronunciation of tonne (the word used in the UK) and ton is usually identical, but is not too confusing unless accuracy is important as the tonne and UK long ton differ by only 1.6.
	enumeration	Ton	4: Long ton (weight ton or imperial ton) is the name for the unit called the "ton" in the avoirdupois or Imperial system of measurements, as used in the United Kingdom and several other Commonwealth countries. It has been mostly replaced by the tonne, and in the United States by the short ton. One long ton is equal to 2,240 pounds (1,016 kg) or 35 cubic feet (0.9911 m) of salt water with a density of 64 lb/ft (1.025 g/ml). It has some limited use in the United States, most commonly in measuring the displacement of ships, and was the unit prescribed for warships by the Washington Naval Treaty for example battleships were limited to a mass of 35,000 long tons (36,000 t; 39,000 ST).
	enumeration	Short Ton	5: A unit of weight equal to 2,000 pounds (907.18474 kg). In the United States it is often called simply ton without distinguishing it from the metric ton (tonne, 1,000 kilograms) or the long ton (2,240 pounds / 1,016.046908 kilograms); rather, the other two are specifically noted. There are, however, some US applications for which unspecified tons normally means long tons (for example, Navy ships) or metric tons (world grain production figures). Both the long and short ton are defined as 20 hundredweights, but a hundredweight is 100 pounds (45.359237 kg) in the US system (short or net hundredweight) and 112 pounds (50.80234544 kg) in the Imperial system (long or gross hundredweight).
	enumeration	Gross Ton	6: Gross tonnage (GT) is a function of the volume of all ship's enclosed spaces (from keel to funnel) measured to the outside of the hull framing. There is a sliding scale factor. So GT is a kind of capacity-derived index that is used to rank a ship for purposes of determining manning, safety and other statutory requirements and is expressed simply as GT, which is a unitless entity, even though its derivation is tied to the cubic meter unit of volumetric capacity. Tonnage measurements are now governed by an IMO Convention (International Convention on Tonnage Measurement of Ships, 1969 (London-Rules)), which applies to all ships built after July 1982. In accordance with the Convention, the correct term to use now is GT, which is a function of the moulded volume of all enclosed spaces of the ship.
	enumeration	Net Ton	7: Net tonnage (NT) is based on a calculation of the volume of all cargo spaces of the ship. It indicates a vessel's earning space and is

		a function of the moulded volume of all cargo spaces of the ship.
enumeration	Suez Canal Net Tonnage	9: The Suez Canal Net Tonnage (SCNT) is derived with a number of modifications from the former net register tonnage of the Moorsom System and was established by the International Commission of Constantinople in its Protocol of 18 December 1873. It is still in use, as amended by the Rules of Navigation of the Suez Canal Authority, and is registered in the Suez Canal Tonnage Certificate.
Used by	Complex Type	vesselsCharacteristicsUnitType

Simple Type vesselsCharacteristicsUnitCode

Namespace	http://www.ihc.int/S131/2.0	
Annotations	The unit used for vessel characteristics attribute.	
Diagram		
Type	restriction of xs:integer	
Facets	enumeration	1
		The basic unit of length in the International System of Units (SI) system.
	enumeration	3
		The tonne or metric ton (U.S.), often redundantly referred to as a metric tonne, is a unit of mass equal to 1,000 kg (2,205 lb) or approximately the mass of one cubic metre of water at four degrees Celsius. It is sometimes abbreviated as mt in the United States, but this conflicts with other SI symbols. The tonne is not a unit in the International System of Units (SI), but is accepted for use with the SI. In SI units and prefixes, the tonne is a megagram (Mg). The Imperial and US customary units comparable to the tonne are both spelled ton in English, though they differ in mass. Pronunciation of tonne (the word used in the UK) and ton is usually identical, but is not too confusing unless accuracy is important as the tonne and UK long ton differ by only 1.6.
	enumeration	4
		Long ton (weight ton or imperial ton) is the name for the unit called the "ton" in the avoirdupois or Imperial system of measurements, as used in the United Kingdom and several other Commonwealth countries. It has been mostly replaced by the tonne, and in the United States by the short ton. One long ton is equal to 2,240 pounds (1,016 kg) or 35 cubic feet (0.9911 m) of salt water with a density of 64 lb/ft (1.025 g/ml). It has some limited use in the United States, most commonly in measuring the displacement of ships, and was the unit prescribed for warships by the Washington Naval Treaty for example battleships were limited to a mass of 35,000 long tons (36,000 t; 39,000 ST).
	enumeration	5
		A unit of weight equal to 2,000 pounds (907.18474 kg). In the United States it is often called simply ton without distinguishing it from the metric ton (tonne, 1,000 kilograms) or the long ton (2,240 pounds / 1,016.0469088 kilograms); rather, the other two are specifically noted. There are, however, some US applications for which unspecified tons normally means long tons (for example, Navy ships) or metric tons (world grain production figures). Both the long and short ton are defined as 20 hundredweights, but a hundredweight is 100 pounds (45.359237 kg) in the US system (short or net hundredweight) and 112 pounds (50.80234544 kg) in the Imperial system (long or gross hundredweight).
	enumeration	6
		Gross tonnage (GT) is a function of the volume of all ship's enclosed spaces (from keel to funnel) measured to the outside of the hull

		<p>framing. There is a sliding scale factor. So GT is a kind of capacity-derived index that is used to rank a ship for purposes of determining manning, safety and other statutory requirements and is expressed simply as GT, which is a unitless entity, even though its derivation is tied to the cubic meter unit of volumetric capacity. Tonnage measurements are now governed by an IMO Convention (International Convention on Tonnage Measurement of Ships, 1969 (London-Rules)), which applies to all ships built after July 1982. In accordance with the Convention, the correct term to use now is GT, which is a function of the moulded volume of all enclosed spaces of the ship.</p>
enumeration	7	Net tonnage (NT) is based on a calculation of the volume of all cargo spaces of the ship. It indicates a vessel's earning space and is a function of the moulded volume of all cargo spaces of the ship.
enumeration	9	The Suez Canal Net Tonnage (SCNT) is derived with a number of modifications from the former net register tonnage of the Moorsom System and was established by the International Commission of Constantinople in its Protocol of 18 December 1873. It is still in use, as amended by the Rules of Navigation of the Suez Canal Authority, and is registered in the Suez Canal Tonnage Certificate.
Used by	Attribute	vesselsCharacteristicsUnitType/@code

Simple Type vesselMeasurementsSpecification_vesselsCharacteristicsUnitLabel

Namespace	http://www.ihc.int/S131/2.0															
Annotations	Restricted values of vesselMeasurementsSpecification/vesselsCharacteristicsUnit															
Diagram	<pre> classDiagram class vesselMeasurementsSpecification_vesselsCharacteristicsUnitLabel { <<Restricted values of vesselMeasurementsSpecification/vesselsCharacteristicsUnit>> } xs:string vesselMeasurementsSpecification_vesselsCharacteristicsUnitLabel "○" --> xs:string <<Built-in primitive type. The string datatype represents character strings in XML.>> </pre>															
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Facets	<table border="1"> <tr> <td>enumeration</td> <td>Metres</td> </tr> <tr> <td>enumeration</td> <td>Metric Ton</td> </tr> <tr> <td>enumeration</td> <td>Ton</td> </tr> <tr> <td>enumeration</td> <td>Short Ton</td> </tr> <tr> <td>enumeration</td> <td>Gross Ton</td> </tr> <tr> <td>enumeration</td> <td>Net Ton</td> </tr> <tr> <td>enumeration</td> <td>Suez Canal Net Tonnage</td> </tr> </table>		enumeration	Metres	enumeration	Metric Ton	enumeration	Ton	enumeration	Short Ton	enumeration	Gross Ton	enumeration	Net Ton	enumeration	Suez Canal Net Tonnage
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Used by	Complex Type vesselMeasurementsSpecification_vesselsCharacteristicsUnitType															

Simple Type vesselMeasurementsSpecification_vesselsCharacteristicsUnitCode

Namespace	http://www.ihc.int/S131/2.0							
Annotations	Restricted values of vesselMeasurementsSpecification/vesselsCharacteristicsUnit							
Diagram	<pre> classDiagram class vesselMeasurementsSpecification_vesselsCharacteristicsUnitCode { <<Restricted values of vesselMeasurementsSpecification/vesselsCharacteristicsUnit>> } xs:integer vesselMeasurementsSpecification_vesselsCharacteristicsUnitCode "○" --> xs:integer <<Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...>> </pre>							
Type	restriction of xs:integer							
Facets	<table border="1"> <tr> <td>enumeration</td> <td>1</td> <td>The basic unit of length in the International System of Units (SI) system.</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>The tonne or metric ton (U.S.), often redundantly referred to as a metric tonne, is a unit of mass equal to 1,000 kg (2,205 lb) or approximately the mass of one cubic metre of water at four degrees Celsius. It is sometimes abbreviated as mt in the United States, but this conflicts</td> </tr> </table>		enumeration	1	The basic unit of length in the International System of Units (SI) system.	enumeration	3	The tonne or metric ton (U.S.), often redundantly referred to as a metric tonne, is a unit of mass equal to 1,000 kg (2,205 lb) or approximately the mass of one cubic metre of water at four degrees Celsius. It is sometimes abbreviated as mt in the United States, but this conflicts
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		<p>with other SI symbols. The tonne is not a unit in the International System of Units (SI), but is accepted for use with the SI. In SI units and prefixes, the tonne is a megagram (Mg). The Imperial and US customary units comparable to the tonne are both spelled ton in English, though they differ in mass. Pronunciation of tonne (the word used in the UK) and ton is usually identical, but is not too confusing unless accuracy is important as the tonne and UK long ton differ by only 1.6.</p>
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Used by	Attribute	vesselMeasurementsSpecification_vesselsCharacteristicsUnitType/@code

Simple Type vesselsCharacteristicsValueType

Namespace	http://www.ihc.int/S131/2.0
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Annotations	The value of a particular characteristic such as a dimension or tonnage of a vessel.
Diagram	<p>The value of a particular characteristic such as a dimension or tonnage of a vessel.</p> <p>Built-in primitive type. The decimal datatype represents arbitrary precision decimal numbers.</p>
Type	xs:decimal
Used by	Element vesselMeasurementsSpecificationType/vesselsCharacteristicsValue

Simple Type visitorsMooringType

Namespace	http://www.ihc.int/S131/2.0
Annotations	A mooring set aside for the use of visiting vessels.
Diagram	<p>A mooring set aside for the use of visiting vessels.</p> <p>Built-in primitive type. It defines the boolean values true and false.</p>
Type	xs:boolean
Used by	Element MooringBuoyType/visitorsMooring

Simple Type wasteDisposalServiceLabel

Namespace	http://www.ihc.int/S131/2.0																														
Annotations	Service for the reception of residues, polluting substances, refuse, oily wastes, and by-products from ships.																														
Diagram	<p>Service for the reception of residues, polluting substances, refuse, oily wastes, and by-products from ships.</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>																														
Type	restriction of xs:string																														
Facets	<table border="0"> <tr> <td>enumeration</td> <td>MARPOL Annex I Oily Bilge Water</td> <td>1: The service with facility to receive oil related waste/residue of the type "Oily bilge water" as specified in MARPOL Annex I.</td> </tr> <tr> <td>enumeration</td> <td>MARPOL Annex I Oily Residues</td> <td>2: The service with facility to receive oil related waste/residue of the type "Oily Residues (sludge)" as specified in MARPOL Annex I.</td> </tr> <tr> <td>enumeration</td> <td>MARPOL Annex I Oily Tank Washings</td> <td>3: The service with facility to receive oil related waste/residue of the type "Oily tank washings (slops)" as specified in MARPOL Annex I.</td> </tr> <tr> <td>enumeration</td> <td>MARPOL Annex I Dirty Ballast Water</td> <td>4: The service with facility to receive oil related waste/residue of the type "Dirty ballast water" as specified in MARPOL Annex I.</td> </tr> <tr> <td>enumeration</td> <td>MARPOL Annex I Scale and Sludge from Tank Cleaning</td> <td>5: The service with facility to receive oil related waste/residue of the type "Scale and sludge from tank cleaning" as specified in MARPOL Annex I.</td> </tr> <tr> <td>enumeration</td> <td>MARPOL Annex I Other Oily Waste</td> <td>6: The service with facility to receive oil related waste/residue of the type "Other" as specified in MARPOL Annex I.</td> </tr> <tr> <td>enumeration</td> <td>MARPOL Annex II Category X</td> <td>7: The service with facility to receive chemical/Noxious liquid substances related waste/residue of the type "Category X" as specified in MARPOL Annex II.</td> </tr> <tr> <td>enumeration</td> <td>MARPOL Annex II Category Y</td> <td>8: The service with facility to receive chemical/Noxious liquid substances related waste/residue of the type "Category Y" as specified in MARPOL Annex II.</td> </tr> <tr> <td>enumeration</td> <td>MARPOL Annex II Category Z</td> <td>9: The service with facility to receive chemical/Noxious liquid substances related waste/residue of the type "Category Z" as specified in MARPOL Annex II.</td> </tr> <tr> <td>enumeration</td> <td>MARPOL Annex II Category OS</td> <td>10: The service with facility to receive chemical/Noxious liquid substances related waste/residue of the type "Other substance" as specified in MARPOL Annex II.</td> </tr> </table>	enumeration	MARPOL Annex I Oily Bilge Water	1: The service with facility to receive oil related waste/residue of the type "Oily bilge water" as specified in MARPOL Annex I.	enumeration	MARPOL Annex I Oily Residues	2: The service with facility to receive oil related waste/residue of the type "Oily Residues (sludge)" as specified in MARPOL Annex I.	enumeration	MARPOL Annex I Oily Tank Washings	3: The service with facility to receive oil related waste/residue of the type "Oily tank washings (slops)" as specified in MARPOL Annex I.	enumeration	MARPOL Annex I Dirty Ballast Water	4: The service with facility to receive oil related waste/residue of the type "Dirty ballast water" as specified in MARPOL Annex I.	enumeration	MARPOL Annex I Scale and Sludge from Tank Cleaning	5: The service with facility to receive oil related waste/residue of the type "Scale and sludge from tank cleaning" as specified in MARPOL Annex I.	enumeration	MARPOL Annex I Other Oily Waste	6: The service with facility to receive oil related waste/residue of the type "Other" as specified in MARPOL Annex I.	enumeration	MARPOL Annex II Category X	7: The service with facility to receive chemical/Noxious liquid substances related waste/residue of the type "Category X" as specified in MARPOL Annex II.	enumeration	MARPOL Annex II Category Y	8: The service with facility to receive chemical/Noxious liquid substances related waste/residue of the type "Category Y" as specified in MARPOL Annex II.	enumeration	MARPOL Annex II Category Z	9: The service with facility to receive chemical/Noxious liquid substances related waste/residue of the type "Category Z" as specified in MARPOL Annex II.	enumeration	MARPOL Annex II Category OS	10: The service with facility to receive chemical/Noxious liquid substances related waste/residue of the type "Other substance" as specified in MARPOL Annex II.
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	enumeration	MARPOL Annex IV Sewage	11: The service with facility to receive waste/residue of the type "Sewage" as specified in MARPOL Annex IV.
	enumeration	MARPOL Annex V Plastics	12: The service with facility to receive garbage related waste/residue of the type "Plastics", as specified in MARPOL Annex V
	enumeration	MARPOL Annex V Food Wastes	13: The service with facility to receive garbage related waste/residue of the type "Food wastes", as specified in MARPOL Annex V
	enumeration	MARPOL Annex V Domestic Wastes	14: The service with facility to receive garbage related waste/residue of the type "Domestic wastes", as specified in MARPOL Annex V
	enumeration	MARPOL Annex V Cooking Oil	15: The service with facility to receive garbage related waste/residue of the type "Cooking oil", as specified in MARPOL Annex V
	enumeration	MARPOL Annex V Incinerator Ashes	16: The service with facility to receive garbage related waste/residue of the type "Incinerator ashes", as specified in MARPOL Annex V
	enumeration	MARPOL Annex V Operational Wastes	17: The service with facility to receive garbage related waste/residue of the type "Operational wastes", as specified in MARPOL Annex V
	enumeration	MARPOL Annex V Animal Carcasses	18: The service with facility to receive garbage related waste/residue of the type "Animal carcasses", as specified in MARPOL Annex V
	enumeration	MARPOL Annex V Fishing Gear	19: The service with facility to receive garbage related waste/residue of the type "Fishing gear", as specified in MARPOL Annex V
	enumeration	MARPOL Annex V E-Waste	20: The service with facility to receive garbage related waste/residue of the type "E-waste", as specified in MARPOL Annex V
	enumeration	MARPOL Annex V Cargo Residues - non-HME	21: The service with facility to receive garbage related waste/residue of the type "Cargo residues not determined to be harmful to the marine environment", as specified in MARPOL Annex V
	enumeration	MARPOL Annex V Cargo Residues - HME	22: The service with facility to receive garbage related waste/residue of the type "Cargo residues harmful to the marine environment", as specified in MARPOL Annex V
	enumeration	MARPOL Annex VI Ozone-Depleting Substances	23: The service with facility to receive air pollution related waste/residue of the type "Ozone-depleting substances" as specified in MARPOL Annex VI.
	enumeration	MARPOL Annex VI Exhaust Gas-Cleaning Residues	24: The service with facility to receive air pollution related waste/residue of the type "Exhaust gas-cleaning residues" as specified in MARPOL Annex VI.
Used by	Complex Type	wasteDisposalServiceType	

Simple Type wasteDisposalServiceCode

Namespace	http://www.oho.int/S131/2.0		
Annotations	Service for the reception of residues, polluting substances, refuse, oily wastes, and by-products from ships.		
Diagram	<p>The diagram shows a UML class named 'wasteDisposalServiceCode' with a generalization arrow pointing to the 'xs:integer' class. A callout box below the class definition states: 'Service for the reception of residues, polluting substances, refuse, oily wastes, and by-products from ships.' Another callout box below the inheritance arrow states: 'Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...'.</p>		
Type	restriction of xs:integer		
Facets	enumeration	1	The service with facility to receive oil related waste/residue of the type "Oily bilge water" as specified in MARPOL Annex I.
	enumeration	2	The service with facility to receive oil related waste/residue of the type "Oily Residues (sludge)" as specified in MARPOL Annex I.
	enumeration	3	The service with facility to receive oil related waste/residue of the type "Oily tank washings (slops)" as specified in MARPOL Annex I.

enumeration	4	The service with facility to receive oil related waste/residue of the type "Dirty ballast water" as specified in MARPOL Annex I.
enumeration	5	The service with facility to receive oil related waste/residue of the type "Scale and sludge from tank cleaning" as specified in MARPOL Annex I.
enumeration	6	The service with facility to receive oil related waste/residue of the type "Other" as specified in MARPOL Annex I.
enumeration	7	The service with facility to receive chemical/Noxious liquid substances related waste/residue of the type "Category X" as specified in MARPOL Annex II.
enumeration	8	The service with facility to receive chemical/Noxious liquid substances related waste/residue of the type "Category Y" as specified in MARPOL Annex II.
enumeration	9	The service with facility to receive chemical/Noxious liquid substances related waste/residue of the type "Category Z" as specified in MARPOL Annex II.
enumeration	10	The service with facility to receive chemical/Noxious liquid substances related waste/residue of the type "Other substance" as specified in MARPOL Annex II.
enumeration	11	The service with facility to receive waste/residue of the type "Sewage" as specified in MARPOL Annex IV.
enumeration	12	The service with facility to receive garbage related waste/residue of the type "Plastics", as specified in MARPOL Annex V
enumeration	13	The service with facility to receive garbage related waste/residue of the type "Food wastes", as specified in MARPOL Annex V
enumeration	14	The service with facility to receive garbage related waste/residue of the type "Domestic wastes", as specified in MARPOL Annex V
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enumeration	20	The service with facility to receive garbage related waste/residue of the type "E-waste", as specified in MARPOL Annex V
enumeration	21	The service with facility to receive garbage related waste/residue of the type "Cargo residues not determined to be harmful to the marine environment", as specified in MARPOL Annex V
enumeration	22	The service with facility to receive garbage related waste/residue of the type "Cargo residues harmful to the marine environment", as specified in MARPOL Annex V
enumeration	23	The service with facility to receive air pollution related waste/residue of the type "Ozone-depleting substances" as specified in MARPOL Annex VI.
enumeration	24	The service with facility to receive air pollution related waste/residue of the type

		"Exhaust gas-cleaning residues" as specified in MARPOL Annex VI.
Used by	Attribute	wasteDisposalServiceType/@code

Simple Type AvailablePortServices_wasteDisposalServiceLabel

Namespace	http://www.ihc.int/S131/2.0																																																	
Annotations	Custom enum: AvailablePortServices/wasteDisposalService																																																	
Diagram	<pre> classDiagram class AvailablePortServices_wasteDisposalServiceLabel { <<Custom enum: AvailablePortServices/wasteDisposalService>> } class xsString { <<Built-in primitive type. The string datatype represents character strings in XML.>> } AvailablePortServices_wasteDisposalServiceLabel < -- xsString </pre>																																																	
Type	restriction of xs:string																																																	
Facets	<table border="1"> <tr><td>enumeration</td><td>MARPOL Annex I Oily Bilge Water</td></tr> <tr><td>enumeration</td><td>MARPOL Annex I Oily Residues</td></tr> <tr><td>enumeration</td><td>MARPOL Annex I Oily Tank Washings</td></tr> <tr><td>enumeration</td><td>MARPOL Annex I Dirty Ballast Water</td></tr> <tr><td>enumeration</td><td>MARPOL Annex I Scale and Sludge from Tank Cleaning</td></tr> <tr><td>enumeration</td><td>MARPOL Annex I Other Oily Waste</td></tr> <tr><td>enumeration</td><td>MARPOL Annex II Category X</td></tr> <tr><td>enumeration</td><td>MARPOL Annex II Category Y</td></tr> <tr><td>enumeration</td><td>MARPOL Annex II Category Z</td></tr> <tr><td>enumeration</td><td>MARPOL Annex II Category OS</td></tr> <tr><td>enumeration</td><td>MARPOL Annex IV Sewage</td></tr> <tr><td>enumeration</td><td>MARPOL Annex V Plastics</td></tr> <tr><td>enumeration</td><td>MARPOL Annex V Food Wastes</td></tr> <tr><td>enumeration</td><td>MARPOL Annex V Domestic Wastes</td></tr> <tr><td>enumeration</td><td>MARPOL Annex V Cooking Oil</td></tr> <tr><td>enumeration</td><td>MARPOL Annex V Incinerator Ashes</td></tr> <tr><td>enumeration</td><td>MARPOL Annex V Operational Wastes</td></tr> <tr><td>enumeration</td><td>MARPOL Annex V Animal Carcasses</td></tr> <tr><td>enumeration</td><td>MARPOL Annex V Fishing Gear</td></tr> <tr><td>enumeration</td><td>MARPOL Annex V E-Waste</td></tr> <tr><td>enumeration</td><td>MARPOL Annex V Cargo Residues - non-HME</td></tr> <tr><td>enumeration</td><td>MARPOL Annex V Cargo Residues - HME</td></tr> <tr><td>enumeration</td><td>MARPOL Annex VI Ozone-Depleting Substances</td></tr> <tr><td>enumeration</td><td>MARPOL Annex VI Exhaust Gas-Cleaning Residues</td></tr> </table>		enumeration	MARPOL Annex I Oily Bilge Water	enumeration	MARPOL Annex I Oily Residues	enumeration	MARPOL Annex I Oily Tank Washings	enumeration	MARPOL Annex I Dirty Ballast Water	enumeration	MARPOL Annex I Scale and Sludge from Tank Cleaning	enumeration	MARPOL Annex I Other Oily Waste	enumeration	MARPOL Annex II Category X	enumeration	MARPOL Annex II Category Y	enumeration	MARPOL Annex II Category Z	enumeration	MARPOL Annex II Category OS	enumeration	MARPOL Annex IV Sewage	enumeration	MARPOL Annex V Plastics	enumeration	MARPOL Annex V Food Wastes	enumeration	MARPOL Annex V Domestic Wastes	enumeration	MARPOL Annex V Cooking Oil	enumeration	MARPOL Annex V Incinerator Ashes	enumeration	MARPOL Annex V Operational Wastes	enumeration	MARPOL Annex V Animal Carcasses	enumeration	MARPOL Annex V Fishing Gear	enumeration	MARPOL Annex V E-Waste	enumeration	MARPOL Annex V Cargo Residues - non-HME	enumeration	MARPOL Annex V Cargo Residues - HME	enumeration	MARPOL Annex VI Ozone-Depleting Substances	enumeration	MARPOL Annex VI Exhaust Gas-Cleaning Residues
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Used by	Complex Type	AvailablePortServices_wasteDisposalServiceType
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Simple Type AvailablePortServices_wasteDisposalServiceCode

Namespace	http://www.ihc.int/S131/2.0																																																				
Annotations	Custom enum: AvailablePortServices/wasteDisposalService																																																				
Diagram	<p>The diagram illustrates the relationship between the custom enum type <code>AvailablePortServices_wasteDisposalServiceCode</code> and the built-in derived type <code>xs:integer</code>. A box labeled "Custom enum: AvailablePortServices/wasteDisposalService" contains the enum values. An arrow points from this box to another box labeled "Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...".</p>																																																				
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enumeration	23	The service with facility to receive air pollution related waste/residue of the type "Ozone-depleting substances" as specified in MARPOL Annex VI.
enumeration	24	The service with facility to receive air pollution related waste/residue of the type "Exhaust gas-cleaning residues" as specified in MARPOL Annex VI.
Used by	Attribute	AvailablePortServices_wasteDisposalServiceType/@code

Simple Type actionOrActivityLabel_Union

Namespace	http://www.oho.int/S131/2.0
Annotations	Union type for labels corresponding to extra codelist values.
Diagram	<pre> graph LR A[actionOrActivityLabel_Union] --> B[actionOrActivityLabel] A --> C[extraLabelType] B --- D["The action or activity of a vessel"] C --- E["Label type for labels of extra values in open enumeration codelists. Accepts any non-empty string beginning with an..."] </pre>
Type	union of(actionOrActivityLabel, extraLabelType)
Used by	Complex Type actionOrActivityType

Simple Type actionOrActivityCode

Namespace	http://www.oho.int/S131/2.0																								
Annotations	The action or activity of a vessel.																								
Diagram	<pre> graph LR A[actionOrActivityCode] --> B[xs:integer] A --- C["The action or activity of a vessel."] A --- D["Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This..."] </pre>																								
Type	restriction of xs:integer																								
Facets	<table border="1"> <tr> <td>enumeration</td> <td>1</td> <td>Carrying a qualified pilot as part of the vessel navigation team.</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>Navigating a vessel into a port.</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>Navigating a vessel out of a port.</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>Attaching a vessel to a wharf or jetty.</td> </tr> <tr> <td>enumeration</td> <td>5</td> <td>Detaching a vessel from a wharf or jetty.</td> </tr> <tr> <td>enumeration</td> <td>6</td> <td>Attaching a vessel to the seabed by means of an anchor and cable.</td> </tr> <tr> <td>enumeration</td> <td>7</td> <td>Detaching a vessel from the seabed by recovering an anchor and cable.</td> </tr> <tr> <td>enumeration</td> <td>8</td> <td>Navigating a vessel along a route or through a narrow gap, such as under a bridge or through a lock.</td> </tr> </table>	enumeration	1	Carrying a qualified pilot as part of the vessel navigation team.	enumeration	2	Navigating a vessel into a port.	enumeration	3	Navigating a vessel out of a port.	enumeration	4	Attaching a vessel to a wharf or jetty.	enumeration	5	Detaching a vessel from a wharf or jetty.	enumeration	6	Attaching a vessel to the seabed by means of an anchor and cable.	enumeration	7	Detaching a vessel from the seabed by recovering an anchor and cable.	enumeration	8	Navigating a vessel along a route or through a narrow gap, such as under a bridge or through a lock.
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enumeration	8	Navigating a vessel along a route or through a narrow gap, such as under a bridge or through a lock.																							

enumeration	9	Navigating a vessel past another traveling broadly in the same direction.
enumeration	10	Providing details such as the name, location or intentions of a vessel.
enumeration	11	Loading or unloading cargo.
enumeration	12	Placing crew or passengers on shore.
enumeration	13	A signal or message warning of diving activity.
enumeration	14	Hunting or catching fish.
enumeration	15	Releasing anything into the sea; often ballast water; or spoil from dredging elsewhere.
enumeration	16	Navigating a vessel past another travelling broadly in the opposite direction.
enumeration	17	Discharge and uptake of ballast water.
enumeration	18	The removal or treatment of biofouling (accumulation of aquatic organisms including microfouling and macrofouling) from a ship's submerged surfaces, including hull and niche areas, conducted either in-water or during dry docking. The process includes both proactive cleaning (periodic removal of microfouling) and reactive cleaning (removal of micro- and macrofouling as corrective action).
enumeration	19	The conduct of observational, sampling, or experimental activities by authorised personnel to collect scientific or environmental data, which may involve the deployment of scientific instruments, collection of biological or geological samples, or in-water survey operations.
enumeration	20	Organised recreational visitation and leisure activities in marine areas, including sightseeing, wildlife observation, glass-bottom vessel tours, and guided nature excursions conducted by commercial or permitted operators.
enumeration	21	Structured activities conducted for training, awareness, or interpretive purposes involving groups or individuals learning about the marine environment, including guided educational programs, school activities, and field instruction conducted within designated marine areas.
enumeration	22	Inspection, repair, or upkeep of existing marine or coastal infrastructure such as wharves, piers, pipelines, moorings, subsea cables, navigational aids, or coastal protection structures, including minor works that do not expand the original footprint.
Used by	Attribute	actionOrActivityType/@code

Simple Type `actionOrActivityLabel`

Namespace	http://www.ihc.int/S131/2.0		
Annotations	The action or activity of a vessel.		
Diagram			
Type	restriction of xs:string		
Facets	enumeration	Navigating With a Pilot	1: Carrying a qualified pilot as part of the vessel navigation team.
	enumeration	Entering Port	2: Navigating a vessel into a port.
	enumeration	Leaving Port	3: Navigating a vessel out of a port.
	enumeration	Berthing	4: Attaching a vessel to a wharf or jetty.
	enumeration	Slipping	5: Detaching a vessel from a wharf or jetty.
	enumeration	Anchoring	6: Attaching a vessel to the seabed by means of an anchor and cable.

enumeration	Weighing Anchor	7: Detaching a vessel from the seabed by recovering an anchor and cable.
enumeration	Transiting	8: Navigating a vessel along a route or through a narrow gap, such as under a bridge or through a lock.
enumeration	Overtaking	9: Navigating a vessel past another traveling broadly in the same direction.
enumeration	Reporting	10: Providing details such as the name, location or intentions of a vessel.
enumeration	Working Cargo	11: Loading or unloading cargo.
enumeration	Landing	12: Placing crew or passengers on shore.
enumeration	Diving	13: A signal or message warning of diving activity.
enumeration	Fishing	14: Hunting or catching fish.
enumeration	Discharging Overboard	15: Releasing anything into the sea; often ballast water; or spoil from dredging elsewhere.
enumeration	Passing	16: Navigating a vessel past another travelling broadly in the opposite direction.
enumeration	Ballast Water Exchange	17: Discharge and uptake of ballast water.
enumeration	Hull Cleaning	18: The removal or treatment of biofouling (accumulation of aquatic organisms including microfouling and macrofouling) from a ship's submerged surfaces, including hull and niche areas, conducted either in-water or during dry-docking. The process includes both proactive cleaning (periodic removal of microfouling) and reactive cleaning (removal of micro- and macrofouling as corrective action).
enumeration	Scientific Research	19: The conduct of observational, sampling, or experimental activities by authorised personnel to collect scientific or environmental data, which may involve the deployment of scientific instruments, collection of biological or geological samples, or in-water survey operations.
enumeration	Tourism	20: Organised recreational visitation and leisure activities in marine areas, including sightseeing, wildlife observation, glass-bottom vessel tours, and guided nature excursions conducted by commercial or permitted operators.
enumeration	Education	21: Structured activities conducted for training, awareness, or interpretive purposes involving groups or individuals learning about the marine environment, including guided educational programs, school activities, and field instruction conducted within designated marine areas.
enumeration	Infrastructure Maintenance	22: Inspection, repair, or upkeep of existing marine or coastal infrastructure such as wharves, piers, pipelines, moorings, subsea cables, navigational aids, or coastal protection structures, including minor works that do not expand the original footprint.

Simple Type rxNCode_actionOrActivityLabel

Namespace	http://www.oho.int/S131/2.0								
Annotations	Restricted values of rxNCode/actionOrActivity								
Diagram	<pre> classDiagram class rxNCode_actionOrActivityLabel { <<Restricted values of rxNCode/actionOrActivity>> } class xsString { <<Built-in primitive type. The string datatype represents character strings in XML.>> } rxNCode_actionOrActivityLabel --o xsString </pre>								
Type	restriction of xs:string								
Facets	<table border="1"> <tr> <td>enumeration</td> <td>Navigating With a Pilot</td> </tr> <tr> <td>enumeration</td> <td>Entering Port</td> </tr> <tr> <td>enumeration</td> <td>Leaving Port</td> </tr> <tr> <td>enumeration</td> <td>Berthing</td> </tr> </table>	enumeration	Navigating With a Pilot	enumeration	Entering Port	enumeration	Leaving Port	enumeration	Berthing
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enumeration	Leaving Port								
enumeration	Berthing								

enumeration	Slipping
enumeration	Anchoring
enumeration	Weighing Anchor
enumeration	Transiting
enumeration	Overtaking
enumeration	Reporting
enumeration	Working Cargo
enumeration	Landing
enumeration	Diving
enumeration	Fishing
enumeration	Discharging Overboard
enumeration	Passing
enumeration	Ballast Water Exchange
enumeration	Hull Cleaning
enumeration	Scientific Research
enumeration	Tourism
enumeration	Education
enumeration	Infrastructure Maintenance
Used by	Complex Type rxNCode_actionOrActivityType

Simple Type rxNCode_actionOrActivityCode

Namespace	http://www.ihc.int/S131/2.0																																																		
Annotations	Restricted values of rxNCode/actionOrActivity																																																		
Diagram	<p>rxNCode_actionOrActivityCode</p> <p>xs:integer</p> <p>Restricted values of rxNCode/actionOrActivity</p> <p>Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...</p>																																																		
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Facets	<table border="1"> <tr> <td>enumeration</td> <td>1</td> <td>Carrying a qualified pilot as part of the vessel navigation team.</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>Navigating a vessel into a port.</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>Navigating a vessel out of a port.</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>Attaching a vessel to a wharf or jetty.</td> </tr> <tr> <td>enumeration</td> <td>5</td> <td>Detaching a vessel from a wharf or jetty.</td> </tr> <tr> <td>enumeration</td> <td>6</td> <td>Attaching a vessel to the seabed by means of an anchor and cable.</td> </tr> <tr> <td>enumeration</td> <td>7</td> <td>Detaching a vessel from the seabed by recovering an anchor and cable.</td> </tr> <tr> <td>enumeration</td> <td>8</td> <td>Navigating a vessel along a route or through a narrow gap, such as under a bridge or through a lock.</td> </tr> <tr> <td>enumeration</td> <td>9</td> <td>Navigating a vessel past another traveling broadly in the same direction.</td> </tr> <tr> <td>enumeration</td> <td>10</td> <td>Providing details such as the name, location or intentions of a vessel.</td> </tr> <tr> <td>enumeration</td> <td>11</td> <td>Loading or unloading cargo.</td> </tr> <tr> <td>enumeration</td> <td>12</td> <td>Placing crew or passengers on shore.</td> </tr> <tr> <td>enumeration</td> <td>13</td> <td>A signal or message warning of diving activity.</td> </tr> <tr> <td>enumeration</td> <td>14</td> <td>Hunting or catching fish.</td> </tr> <tr> <td>enumeration</td> <td>15</td> <td>Releasing anything into the sea; often ballast water; or spoil from dredging elsewhere.</td> </tr> <tr> <td>enumeration</td> <td>16</td> <td>Navigating a vessel past another travelling broadly in the opposite direction.</td> </tr> </table>			enumeration	1	Carrying a qualified pilot as part of the vessel navigation team.	enumeration	2	Navigating a vessel into a port.	enumeration	3	Navigating a vessel out of a port.	enumeration	4	Attaching a vessel to a wharf or jetty.	enumeration	5	Detaching a vessel from a wharf or jetty.	enumeration	6	Attaching a vessel to the seabed by means of an anchor and cable.	enumeration	7	Detaching a vessel from the seabed by recovering an anchor and cable.	enumeration	8	Navigating a vessel along a route or through a narrow gap, such as under a bridge or through a lock.	enumeration	9	Navigating a vessel past another traveling broadly in the same direction.	enumeration	10	Providing details such as the name, location or intentions of a vessel.	enumeration	11	Loading or unloading cargo.	enumeration	12	Placing crew or passengers on shore.	enumeration	13	A signal or message warning of diving activity.	enumeration	14	Hunting or catching fish.	enumeration	15	Releasing anything into the sea; often ballast water; or spoil from dredging elsewhere.	enumeration	16	Navigating a vessel past another travelling broadly in the opposite direction.
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Used by	Attribute	rxNCode_actionOrActivityType/@code	

Simple Type categoryOfRxNLabel_Union

Namespace	http://www.ihc.int/S131/2.0
Annotations	Union type for labels corresponding to extra codelist values.
Diagram	<pre> graph LR A[categoryOfRxNLabel_Union] --> B[categoryOfRxNLabel] A --> C[extraLabelType] B --- D["The principal subject matter of regulations, restrictions, recommendations or nautical information."] C --- E["Label type for labels of extra values in open enumeration codelists. Accepts any non-empty string beginning with an..."] </pre>
Type	union of(categoryOfRxNLabel, extraLabelType)
Used by	Complex Type categoryOfRxNType

Simple Type categoryOfRxNCode

Namespace	http://www.ihc.int/S131/2.0						
Annotations	The principal subject matter of regulations, restrictions, recommendations or nautical information.						
Diagram	<pre> graph LR A[categoryOfRxNCode] --> B[xs:integer] A --- C["The principal subject matter of regulations, restrictions, recommendations or nautical information."] B --- D["Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This..."] </pre>						
Type	restriction of xs:integer						
Facets	<table border="1"> <tr> <td>enumeration</td> <td>1</td> <td>The process of directing the movement of a craft from one point to another.</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>Transmitting and/or receiving electronic communication signals.</td> </tr> </table>	enumeration	1	The process of directing the movement of a craft from one point to another.	enumeration	2	Transmitting and/or receiving electronic communication signals.
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enumeration	3	Pertaining to environmental protection.
enumeration	4	Pertaining to wildlife protection.
enumeration	5	Pertaining to security.
enumeration	6	The agency or establishment for collecting duties, tolls.
enumeration	7	Pertaining to cargo operations.
enumeration	8	Pertaining to a place of safety or refuge.
enumeration	9	The authority with responsibility for checking the validity of the health declaration of a vessel and for declaring free pratique.
enumeration	10	Pertaining to natural resources or exploitation.
enumeration	11	Person or corporation, owners of, or entrusted with or invested with the power of managing a port. May be called a Harbour Board, Port Trust, Port Commission, Harbour Commission, Marine Department.
enumeration	12	An authority with responsibility for the control and movement of money.
enumeration	13	The science, art, or practice of cultivating the soil, producing crops, and raising livestock and in varying degrees the preparation and marketing of the resulting products.
Used by	Attribute	categoryOfRxNType/@code

Simple Type categoryOfRxNLabel

Namespace	http://www.ihc.int/S131/2.0																																									
Annotations	The principal subject matter of regulations, restrictions, recommendations or nautical information.																																									
Diagram	<pre> classDiagram class categoryOfRxNLabel { <<The principal subject matter of regulations, restrictions, recommendations or nautical information.>> } class xsString { <<Built-in primitive type. The string datatype represents character strings in XML.>> } categoryOfRxNLabel < -- xsString </pre>																																									
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Simple Type rxNCode_categoryOfRxNLabel

Namespace	http://www.ihc.int/S131/2.0	
Annotations	Restricted values of rxNCode/categoryOfRxN	
Diagram	<pre> classDiagram rxNCode_categoryOfRxNLabel "1" -- "0..1" xs:string rxNCode_categoryOfRxNLabel < -- "1" "0..1" Restricted_values_of_rxNCode_categoryOfRxN xs:string < -- "1" "0..1" Built_in_primitive_type_The_string_datatype_represents_character_strings_in_XML </pre>	
Type	restriction of xs:string	
Facets	enumeration	Navigation
	enumeration	Communication
	enumeration	Environmental Protection
	enumeration	Wildlife Protection
	enumeration	Security
	enumeration	Customs
	enumeration	Cargo Operation
	enumeration	Refuge
	enumeration	Health
	enumeration	Natural Resources or Exploitation
	enumeration	Port
	enumeration	Finance
	enumeration	Agriculture
Used by	Complex Type	rxNCode_categoryOfRxNType

Simple Type rxNCode_categoryOfRxNCode

Namespace	http://www.ihc.int/S131/2.0	
Annotations	Restricted values of rxNCode/categoryOfRxN	
Diagram	<pre> classDiagram rxNCode_categoryOfRxNCode "1" -- "0..1" xs:integer rxNCode_categoryOfRxNCode < -- "1" "0..1" Restricted_values_of_rxNCode_categoryOfRxN xs:integer < -- "1" "0..1" Built_in_derived_type_The_integer_datatype_is_derived_from_decimal_by_fixing_the_value_of_fractionDigits_to_be_0_This... </pre>	
Type	restriction of xs:integer	
Facets	enumeration	1 The process of directing the movement of a craft from one point to another.
	enumeration	2 Transmitting and/or receiving electronic communication signals.
	enumeration	3 Pertaining to environmental protection.
	enumeration	4 Pertaining to wildlife protection.
	enumeration	5 Pertaining to security.
	enumeration	6 The agency or establishment for collecting duties, tolls.
	enumeration	7 Pertaining to cargo operations.
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	enumeration	10 Pertaining to natural resources or exploitation.
	enumeration	11 Person or corporation, owners of, or entrusted with or invested with the power of managing a port. May be called a Harbour Board, Port Trust, Port Commission, Harbour Commission, Marine Department.
	enumeration	12 An authority with responsibility for the control and movement of money.

	enumeration	13	The science, art, or practice of cultivating the soil, producing crops, and raising livestock and in varying degrees the preparation and marketing of the resulting products.
Used by	Attribute	rxNCode_categoryOfRxNType/@code	

Simple Type categoryOfVesselLabel_Union

Namespace	http://www.ihc.int/S131/2.0		
Annotations	Union type for labels corresponding to extra codelist values.		
Diagram	<pre> graph LR A[categoryOfVesselLabel_Union] --> B[categoryOfVesselLabel] A --> C[extraLabelType] </pre> <p>Classification of vessels by function or use.</p> <p>Union type for labels corresponding to extra codelist values.</p> <p>Label type for labels of extra values in open enumeration codelists. Accepts any non-empty string beginning with an...</p>		
Type	union of(categoryOfVesselLabel, extraLabelType)		
Used by	Complex Types Applicability_categoryOfVesselType, categoryOfVesselType		

Simple Type categoryOfVesselCode

Namespace	http://www.ihc.int/S131/2.0		
Annotations	Classification of vessels by function or use.		
Diagram	<pre> graph LR A[categoryOfVesselCode] --> B[xs:integer] </pre> <p>Classification of vessels by function or use.</p> <p>Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...</p>		
Type	restriction of xs:integer		
Facets	enumeration	1	A vessel which is designed for carrying general cargo, e.g. boxes, sacks.
	enumeration	2	A vessel designed to carry ISO containers.
	enumeration	3	A vessel which is designed for carrying liquid goods, for example oil or water.
	enumeration	4	A vessel which is designed for carrying bulk goods, e.g. coal, ore or grain.
	enumeration	5	A day trip or cabin vessel constructed and equipped to carry more than 12 passengers.
	enumeration	6	A vessel designed to allow road vehicles to be driven on and off; often a ferry.
	enumeration	7	A vessel designed to carry refrigerated cargo.
	enumeration	8	A vessel that is used and equipped for the fishing of living aquatic resources.
	enumeration	9	A vessel which provides a service such as a tug, anchor handler, survey or supply vessel.
	enumeration	10	A vessel designed for the conduct of military operations.
	enumeration	11	Either a tug and tow, or any combination of a tug providing propulsion to barges or vessels secured ahead or alongside.
	enumeration	12	A combination of tug(s) and non-powered tow(s).
	enumeration	13	A pleasure boat or watercraft, or an excursion vessel used for short cruises such as whale watching.
	enumeration	14	An installation which is designed to float at all times and which is normally anchored in position when deployed in the offshore gas and oil industry.
	enumeration	15	An exploration or project installation with legs which can be raised and lowered. The legs are raised when the installation is re-positioned.

		When stationary the legs are lowered to the sea floor and the working platform is raised clear of the sea surface.
enumeration	16	A vessel designed to carry large quantities of live animals.
enumeration	17	A vessel used in fishing for pleasure or competition.
Used by	Attribute	categoryOfVesselType/@code

Simple Type categoryOfVesselLabel

Namespace	http://www.ihc.int/S131/2.0																																																				
Annotations	Classification of vessels by function or use.																																																				
Diagram	<p>The diagram illustrates the relationship between the simple type <code>categoryOfVesselLabel</code> and the XML Schema primitive type <code>xs:string</code>. An association line connects the two, with a multiplicity of <code>0..1</code> on the <code>categoryOfVesselLabel</code> side and <code>1..1</code> on the <code>xs:string</code> side. A note below the association line specifies: "Classification of vessels by function or use." Another note indicates: "Built-in primitive type. The string datatype represents character strings in XML."</p>																																																				
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enumeration	Bulk Carrier	4: A vessel which is designed for carrying bulk goods, e.g. coal, ore or grain.																																																			
enumeration	Passenger Vessel	5: A day trip or cabin vessel constructed and equipped to carry more than 12 passengers.																																																			
enumeration	Roll-On Roll-Off	6: A vessel designed to allow road vehicles to be driven on and off; often a ferry.																																																			
enumeration	Refrigerated Cargo Vessel	7: A vessel designed to carry refrigerated cargo.																																																			
enumeration	Fishing Vessel	8: A vessel that is used and equipped for the fishing of living aquatic resources.																																																			
enumeration	Service	9: A vessel which provides a service such as a tug, anchor handler, survey or supply vessel.																																																			
enumeration	Warship	10: A vessel designed for the conduct of military operations.																																																			
enumeration	Towed or Pushed Composite Unit	11: Either a tug and tow, or any combination of a tug providing propulsion to barges or vessels secured ahead or alongside.																																																			
enumeration	Tug and Tow	12: A combination of tug(s) and non-powered tow(s).																																																			
enumeration	Light Recreational	13: A pleasure boat or watercraft, or an excursion vessel used for short cruises such as whale watching.																																																			
enumeration	Semi-Submersible Offshore Installation	14: An installation which is designed to float at all times and which is normally anchored in position when deployed in the offshore gas and oil industry.																																																			
enumeration	Jack-Up Exploration or Project Installation	15: An exploration or project installation with legs which can be raised and lowered. The legs are raised when the installation is re-positioned. When stationary the legs are lowered to the sea floor and the working platform is raised clear of the sea surface.																																																			
enumeration	Livestock Carrier	16: A vessel designed to carry large quantities of live animals.																																																			
enumeration	Sport Fishing	17: A vessel used in fishing for pleasure or competition.																																																			

Simple Type Applicability_categoryOfVesselCode

Namespace	http://www.ihc.int/S131/2.0
Annotations	Custom enum: Applicability/categoryOfVessel

Diagram	<p>Custom enum: Applicability/categoryOfVessel</p> <p>Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...</p>	
Type	restriction of xs:integer	
Facets	enumeration	1
	enumeration	2
	enumeration	3
	enumeration	4
	enumeration	5
	enumeration	6
	enumeration	7
	enumeration	8
	enumeration	9
	enumeration	10
	enumeration	11
	enumeration	12
	enumeration	13
	enumeration	14
	enumeration	15
	enumeration	16
	enumeration	17
Used by	Attribute	Applicability_categoryOfVesselType/@code

Simple Type Applicability_categoryOfVesselLabel

Namespace	http://www.ihc.int/S131/2.0	
Annotations	Custom enum: Applicability/categoryOfVessel	
Diagram	<p>Custom enum: Applicability/categoryOfVessel</p> <p>Built-in primitive type. The string datatype represents character strings in XML.</p>	
Type	restriction of xs:string	
Facets	enumeration	General Cargo Vessel
	enumeration	Container Carrier
	enumeration	Tanker
	enumeration	Bulk Carrier
	enumeration	Passenger Vessel
	enumeration	Roll-On Roll-Off
	enumeration	

enumeration	Refrigerated Cargo Vessel
enumeration	Fishing Vessel
enumeration	Service
enumeration	Warship
enumeration	Towed or Pushed Composite Unit
enumeration	Tug and Tow
enumeration	Light Recreational
enumeration	Semi-Submersible Offshore Installation
enumeration	Jack-Up Exploration or Project Installation
enumeration	Livestock Carrier
enumeration	Sport Fishing

Simple Type securitySafetyEmergencyServiceLabel_Union

Namespace	http://www.ihc.int/S131/2.0
Annotations	Union type for labels corresponding to extra codelist values.
Diagram	
Type	union of(securitySafetyEmergencyServiceLabel, extraLabelType)
Used by	Complex Types AvailablePortServices_securitySafetyEmergencyServiceType, securitySafetyEmergencyServiceType

Simple Type securitySafetyEmergencyServiceCode

Namespace	http://www.ihc.int/S131/2.0																								
Annotations	Protective services, law enforcement, or services for responding to sudden danger.																								
Diagram																									
Type	restriction of xs:integer																								
Facets	<table border="1"> <tr> <td>enumeration</td> <td>1</td> <td>Organization keeping watch on shipping and coastal waters according to governmental law; normally the authority with responsibility for search and rescue.</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>The agency or establishment for collecting duties, tolls.</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>Office for reporting or obtaining information about sudden dangers to the environment such as spillage of polluting or hazardous substances.</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>An office or organisation for reporting or coordinating response to emergencies.</td> </tr> <tr> <td>enumeration</td> <td>5</td> <td>A place where a vessel is patrolled by a security service or stored in a secure lockup.</td> </tr> <tr> <td>enumeration</td> <td>6</td> <td>The authority controlling people entering a country.</td> </tr> <tr> <td>enumeration</td> <td>7</td> <td>The department of government, or civil force, charged with maintaining public order.</td> </tr> <tr> <td>enumeration</td> <td>8</td> <td>A unit responsible for promoting efficient organization of search and rescue services and for coordinating the conduct of search and rescue operations within a search and rescue region.</td> </tr> </table>	enumeration	1	Organization keeping watch on shipping and coastal waters according to governmental law; normally the authority with responsibility for search and rescue.	enumeration	2	The agency or establishment for collecting duties, tolls.	enumeration	3	Office for reporting or obtaining information about sudden dangers to the environment such as spillage of polluting or hazardous substances.	enumeration	4	An office or organisation for reporting or coordinating response to emergencies.	enumeration	5	A place where a vessel is patrolled by a security service or stored in a secure lockup.	enumeration	6	The authority controlling people entering a country.	enumeration	7	The department of government, or civil force, charged with maintaining public order.	enumeration	8	A unit responsible for promoting efficient organization of search and rescue services and for coordinating the conduct of search and rescue operations within a search and rescue region.
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enumeration	8	A unit responsible for promoting efficient organization of search and rescue services and for coordinating the conduct of search and rescue operations within a search and rescue region.																							

Used by	Attribute	securitySafetyEmergencyServiceType/@code
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Simple Type securitySafetyEmergencyServiceLabel

Namespace	http://www.ihc.int/S131/2.0																										
Annotations	Protective services, law enforcement, or services for responding to sudden danger.																										
Diagram	<pre> classDiagram class securitySafetyEmergencyServiceLabel { <<Protective services, law enforcement, or services for responding to sudden danger.>> } xs:string securitySafetyEmergencyServiceLabel "1" --> xs:string <<Built-in primitive type. The string datatype represents character strings in XML.>> </pre>																										
Type	restriction of xs:string																										
Facets	<table border="1"> <tr> <td>enumeration</td> <td>Coast Guard</td> <td>1: Organization keeping watch on shipping and coastal waters according to governmental law; normally the authority with responsibility for search and rescue.</td> </tr> <tr> <td>enumeration</td> <td>Customs</td> <td>2: The agency or establishment for collecting duties, tolls.</td> </tr> <tr> <td>enumeration</td> <td>Environmental Emergency Information Centre</td> <td>3: Office for reporting or obtaining information about sudden dangers to the environment such as spillage of polluting or hazardous substances.</td> </tr> <tr> <td>enumeration</td> <td>Emergency Coordination Centre</td> <td>4: An office or organisation for reporting or coordinating response to emergencies.</td> </tr> <tr> <td>enumeration</td> <td>Guard and/or Security Service</td> <td>5: A place where a vessel is patrolled by a security service or stored in a secure lockup.</td> </tr> <tr> <td>enumeration</td> <td>Immigration</td> <td>6: The authority controlling people entering a country.</td> </tr> <tr> <td>enumeration</td> <td>Police</td> <td>7: The department of government, or civil force, charged with maintaining public order.</td> </tr> <tr> <td>enumeration</td> <td>Sea Rescue Control</td> <td>8: A unit responsible for promoting efficient organization of search and rescue services and for coordinating the conduct of search and rescue operations within a search and rescue region.</td> </tr> </table>			enumeration	Coast Guard	1: Organization keeping watch on shipping and coastal waters according to governmental law; normally the authority with responsibility for search and rescue.	enumeration	Customs	2: The agency or establishment for collecting duties, tolls.	enumeration	Environmental Emergency Information Centre	3: Office for reporting or obtaining information about sudden dangers to the environment such as spillage of polluting or hazardous substances.	enumeration	Emergency Coordination Centre	4: An office or organisation for reporting or coordinating response to emergencies.	enumeration	Guard and/or Security Service	5: A place where a vessel is patrolled by a security service or stored in a secure lockup.	enumeration	Immigration	6: The authority controlling people entering a country.	enumeration	Police	7: The department of government, or civil force, charged with maintaining public order.	enumeration	Sea Rescue Control	8: A unit responsible for promoting efficient organization of search and rescue services and for coordinating the conduct of search and rescue operations within a search and rescue region.
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enumeration	Immigration	6: The authority controlling people entering a country.																									
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enumeration	Sea Rescue Control	8: A unit responsible for promoting efficient organization of search and rescue services and for coordinating the conduct of search and rescue operations within a search and rescue region.																									

Simple Type AvailablePortServices_securitySafetyEmergencyServiceCode

Namespace	http://www.ihc.int/S131/2.0																										
Annotations	Custom enum: AvailablePortServices/securitySafetyEmergencyService																										
Diagram	<pre> classDiagram class AvailablePortServices_securitySafetyEmergencyServiceCode { <<Custom enum: AvailablePortServices/securitySafetyEmergencyService>> } xs:integer AvailablePortServices_securitySafetyEmergencyServiceCode "1" --> xs:integer <<Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...>> </pre>																										
Type	restriction of xs:integer																										
Facets	<table border="1"> <tr> <td>enumeration</td> <td>1</td> <td>Organization keeping watch on shipping and coastal waters according to governmental law; normally the authority with responsibility for search and rescue.</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>The agency or establishment for collecting duties, tolls.</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>Office for reporting or obtaining information about sudden dangers to the environment such as spillage of polluting or hazardous substances.</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>An office or organisation for reporting or coordinating response to emergencies.</td> </tr> <tr> <td>enumeration</td> <td>5</td> <td>A place where a vessel is patrolled by a security service or stored in a secure lockup.</td> </tr> <tr> <td>enumeration</td> <td>6</td> <td>The authority controlling people entering a country.</td> </tr> <tr> <td>enumeration</td> <td>7</td> <td>The department of government, or civil force, charged with maintaining public order.</td> </tr> <tr> <td>enumeration</td> <td>8</td> <td>A unit responsible for promoting efficient organization of search and rescue services and for coordinating the conduct of search and rescue operations within a search and rescue region.</td> </tr> </table>			enumeration	1	Organization keeping watch on shipping and coastal waters according to governmental law; normally the authority with responsibility for search and rescue.	enumeration	2	The agency or establishment for collecting duties, tolls.	enumeration	3	Office for reporting or obtaining information about sudden dangers to the environment such as spillage of polluting or hazardous substances.	enumeration	4	An office or organisation for reporting or coordinating response to emergencies.	enumeration	5	A place where a vessel is patrolled by a security service or stored in a secure lockup.	enumeration	6	The authority controlling people entering a country.	enumeration	7	The department of government, or civil force, charged with maintaining public order.	enumeration	8	A unit responsible for promoting efficient organization of search and rescue services and for coordinating the conduct of search and rescue operations within a search and rescue region.
enumeration	1	Organization keeping watch on shipping and coastal waters according to governmental law; normally the authority with responsibility for search and rescue.																									
enumeration	2	The agency or establishment for collecting duties, tolls.																									
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enumeration	8	A unit responsible for promoting efficient organization of search and rescue services and for coordinating the conduct of search and rescue operations within a search and rescue region.																									

Used by	Attribute	AvailablePortServices_securitySafetyEmergencyServiceType/@code
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Simple Type AvailablePortServices_securitySafetyEmergencyServiceLabel

Namespace	http://www.ihc.int/S131/2.0																	
Annotations	Custom enum: AvailablePortServices/securitySafetyEmergencyService																	
Diagram	<p>The diagram shows a UML class named 'AvailablePortServices_securitySafetyEmergencyServiceLabel' with a multiplicity of 0..1. It has a directed association to another class 'xs:string' with a multiplicity of 0..1. A callout box for 'AvailablePortServices_securitySafetyEmergencyServiceLabel' states: 'Custom enum: AvailablePortServices/securitySafetyEmergencyService'. A callout box for 'xs:string' states: 'Built-in primitive type. The string datatype represents character strings in XML.'</p>																	
Type	restriction of xs:string																	
Facets	<table border="1"> <tr> <td>enumeration</td> <td>Coast Guard</td> </tr> <tr> <td>enumeration</td> <td>Customs</td> </tr> <tr> <td>enumeration</td> <td>Environmental Emergency Information Centre</td> </tr> <tr> <td>enumeration</td> <td>Emergency Coordination Centre</td> </tr> <tr> <td>enumeration</td> <td>Guard and/or Security Service</td> </tr> <tr> <td>enumeration</td> <td>Immigration</td> </tr> <tr> <td>enumeration</td> <td>Police</td> </tr> <tr> <td>enumeration</td> <td>Sea Rescue Control</td> </tr> </table>		enumeration	Coast Guard	enumeration	Customs	enumeration	Environmental Emergency Information Centre	enumeration	Emergency Coordination Centre	enumeration	Guard and/or Security Service	enumeration	Immigration	enumeration	Police	enumeration	Sea Rescue Control
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enumeration	Emergency Coordination Centre																	
enumeration	Guard and/or Security Service																	
enumeration	Immigration																	
enumeration	Police																	
enumeration	Sea Rescue Control																	

Simple Type transportConnectionLabel_Union

Namespace	http://www.ihc.int/S131/2.0	
Annotations	Union type for labels corresponding to extra codelist values.	
Diagram	<p>The diagram shows a UML class named 'transportConnectionLabel_Union' with a multiplicity of 0..1. It branches into two classes: 'transportConnectionLabel' and 'extraLabelType', both with a multiplicity of 0..1. A callout box for 'transportConnectionLabel_Union' states: 'Union type for labels corresponding to extra codelist values.' A callout box for 'transportConnectionLabel' states: 'Classification of services for the conveyance of persons and/or goods, according to means of transport, nature of path,...'. A callout box for 'extraLabelType' states: 'Label type for labels of extra values in open enumeration codelists. Accepts any non-empty string beginning with an...'</p>	
Type	union(transportConnectionLabel, extraLabelType)	
Used by	Complex Types	AvailablePortServices_transportConnectionType, transportConnectionType

Simple Type transportConnectionCode

Namespace	http://www.ihc.int/S131/2.0							
Annotations	Classification of services for the conveyance of persons and/or goods, according to means of transport, nature of path, or representative installation.							
Diagram	<p>The diagram shows a UML class named 'transportConnectionCode' with a multiplicity of 0..1. It has a directed association to another class 'xs:int' with a multiplicity of 0..1. A callout box for 'transportConnectionCode' states: 'Classification of services for the conveyance of persons and/or goods, according to means of transport, nature of path,...'. A callout box for 'xs:int' states: 'Built-in derived type. The integer datatype is derived from decimal by fixing the value of fractionDigits to be 0. This...'</p>							
Type	restriction of xs:int							
Facets	<table border="1"> <tr> <td>enumeration</td> <td>2</td> <td>A small airport for the use of helicopters and some other vertical lift aircraft. Heliports typically contain one or more touchdown and liftoff areas and also have facilities such as fuel or hangars. In some larger towns and cities, customs facilities may also be available.</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>A small landing surface for helicopters, with minimal or no supporting installations or facilities.</td> </tr> </table>	enumeration	2	A small airport for the use of helicopters and some other vertical lift aircraft. Heliports typically contain one or more touchdown and liftoff areas and also have facilities such as fuel or hangars. In some larger towns and cities, customs facilities may also be available.	enumeration	3	A small landing surface for helicopters, with minimal or no supporting installations or facilities.	
enumeration	2	A small airport for the use of helicopters and some other vertical lift aircraft. Heliports typically contain one or more touchdown and liftoff areas and also have facilities such as fuel or hangars. In some larger towns and cities, customs facilities may also be available.						
enumeration	3	A small landing surface for helicopters, with minimal or no supporting installations or facilities.						

	enumeration	4	Small boat with crew that may be hired for single journeys.
	enumeration	5	A building where buses and coaches regularly stop to take on and/or let off passengers, especially for long-distance travel.
	enumeration	6	A vessel for transporting passengers, vehicles, and/or goods across a stretch of water, especially as a regular service.
	enumeration	8	A limited access dual carriageway road specially designed for fast long-distance traffic and subject to special regulations concerning its use. It may have more than two lanes.
	enumeration	9	Large open or half decked boat.
	enumeration	11	The carriage of goods or passengers using navigable waterways such as canals, rivers, lakes, or other stretch of water that is not part of the sea.
	enumeration	12	The carriage of specified types of cargo between qualifying ports. The types of cargo and/or qualifying ports are generally specified by law or government regulation.
	enumeration	13	Specially designated commercially navigable routes in coastal, inland, and intracoastal waters, frequently as waterborne relievers to congested landside routes.
Used by	Attribute	transportConnectionType/@code	

Simple Type transportConnectionLabel

Namespace	http://www.ihc.int/S131/2.0		
Annotations	Classification of services for the conveyance of persons and/or goods, according to means of transport, nature of path, or representative installation.		
Diagram	<pre> classDiagram class transportConnectionLabel { <<Classification of services for the conveyance of persons and/or goods, according to means of transport, nature of path....>> } class xs_string { <<Built-in primitive type. The string datatype represents character strings in XML.>> } transportConnectionLabel < -- xs_string </pre>		
Type	restriction of xs:string		
Facets	enumeration	Heliport	2: A small airport for the use of helicopters and some other vertical lift aircraft. Heliports typically contain one or more touchdown and liftoff areas and also have facilities such as fuel or hangars. In some larger towns and cities, customs facilities may also be available.
	enumeration	Helipad	3: A small landing surface for helicopters, with minimal or no supporting installations or facilities.
	enumeration	Hired Boat	4: Small boat with crew that may be hired for single journeys.
	enumeration	Bus Station	5: A building where buses and coaches regularly stop to take on and/or let off passengers, especially for long-distance travel.
	enumeration	Ferry	6: A vessel for transporting passengers, vehicles, and/or goods across a stretch of water, especially as a regular service.
	enumeration	Motorway	8: A limited access dual carriageway road specially designed for fast long-distance traffic and subject to special regulations concerning its use. It may have more than two lanes.
	enumeration	Launch	9: Large open or half decked boat.
	enumeration	Inland Waterway Transport	11: The carriage of goods or passengers using navigable waterways such as canals, rivers, lakes, or other stretch of water that is not part of the sea.
	enumeration	Short Sea Transportation	12: The carriage of specified types of cargo between qualifying ports. The types of cargo

		and/or qualifying ports are generally specified by law or government regulation.
enumeration	Marine Highway	13: Specially designated commercially navigable routes in coastal, inland, and intracoastal waters, frequently as waterborne relievers to congested landside routes.

Simple Type AvailablePortServices_transportConnectionCode

Namespace	http://www.ihoint/S131/2.0																															
Annotations	Custom enum: AvailablePortServices/transportConnection																															
Diagram	<p>AvailablePortServices_transportConnectionCode is a custom enum derived from xs:integer. It contains 13 values representing different types of transport connections, such as Helipad, Hired Boat, and Marine Highway.</p>																															
Type	restriction of xs:integer																															
Facets	<table border="1"> <tr> <td>enumeration</td> <td>2</td> <td>A small airport for the use of helicopters and some other vertical lift aircraft. Heliports typically contain one or more touchdown and liftoff areas and also have facilities such as fuel or hangars. In some larger towns and cities, customs facilities may also be available.</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>A small landing surface for helicopters, with minimal or no supporting installations or facilities.</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>Small boat with crew that may be hired for single journeys.</td> </tr> <tr> <td>enumeration</td> <td>5</td> <td>A building where buses and coaches regularly stop to take on and/or let off passengers, especially for long-distance travel.</td> </tr> <tr> <td>enumeration</td> <td>6</td> <td>A vessel for transporting passengers, vehicles, and/or goods across a stretch of water, especially as a regular service.</td> </tr> <tr> <td>enumeration</td> <td>8</td> <td>A limited access dual carriageway road specially designed for fast long-distance traffic and subject to special regulations concerning its use. It may have more than two lanes.</td> </tr> <tr> <td>enumeration</td> <td>9</td> <td>Large open or half decked boat.</td> </tr> <tr> <td>enumeration</td> <td>11</td> <td>The carriage of goods or passengers using navigable waterways such as canals, rivers, lakes, or other stretch of water that is not part of the sea.</td> </tr> <tr> <td>enumeration</td> <td>12</td> <td>The carriage of specified types of cargo between qualifying ports. The types of cargo and/or qualifying ports are generally specified by law or government regulation.</td> </tr> <tr> <td>enumeration</td> <td>13</td> <td>Specially designated commercially navigable routes in coastal, inland, and intracoastal waters, frequently as waterborne relievers to congested landside routes.</td> </tr> </table>		enumeration	2	A small airport for the use of helicopters and some other vertical lift aircraft. Heliports typically contain one or more touchdown and liftoff areas and also have facilities such as fuel or hangars. In some larger towns and cities, customs facilities may also be available.	enumeration	3	A small landing surface for helicopters, with minimal or no supporting installations or facilities.	enumeration	4	Small boat with crew that may be hired for single journeys.	enumeration	5	A building where buses and coaches regularly stop to take on and/or let off passengers, especially for long-distance travel.	enumeration	6	A vessel for transporting passengers, vehicles, and/or goods across a stretch of water, especially as a regular service.	enumeration	8	A limited access dual carriageway road specially designed for fast long-distance traffic and subject to special regulations concerning its use. It may have more than two lanes.	enumeration	9	Large open or half decked boat.	enumeration	11	The carriage of goods or passengers using navigable waterways such as canals, rivers, lakes, or other stretch of water that is not part of the sea.	enumeration	12	The carriage of specified types of cargo between qualifying ports. The types of cargo and/or qualifying ports are generally specified by law or government regulation.	enumeration	13	Specially designated commercially navigable routes in coastal, inland, and intracoastal waters, frequently as waterborne relievers to congested landside routes.
enumeration	2	A small airport for the use of helicopters and some other vertical lift aircraft. Heliports typically contain one or more touchdown and liftoff areas and also have facilities such as fuel or hangars. In some larger towns and cities, customs facilities may also be available.																														
enumeration	3	A small landing surface for helicopters, with minimal or no supporting installations or facilities.																														
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Used by	Attribute	AvailablePortServices_transportConnectionType/@code																														

Simple Type AvailablePortServices_transportConnectionLabel

Namespace	http://www.ihoint/S131/2.0							
Annotations	Custom enum: AvailablePortServices/transportConnection							
Diagram	<p>AvailablePortServices_transportConnectionLabel is a custom enum derived from xs:string. It contains 3 values representing labels for transport connections: Heliport, Helipad, and Hired Boat.</p>							
Type	restriction of xs:string							
Facets	<table border="1"> <tr> <td>enumeration</td> <td>Heliport</td> </tr> <tr> <td>enumeration</td> <td>Helipad</td> </tr> <tr> <td>enumeration</td> <td>Hired Boat</td> </tr> </table>		enumeration	Heliport	enumeration	Helipad	enumeration	Hired Boat
enumeration	Heliport							
enumeration	Helipad							
enumeration	Hired Boat							

enumeration	Bus Station
enumeration	Ferry
enumeration	Motorway
enumeration	Launch
enumeration	Inland Waterway Transport
enumeration	Short Sea Transportation
enumeration	Marine Highway

Complex Type(s)

Complex Type berthingAssistanceType

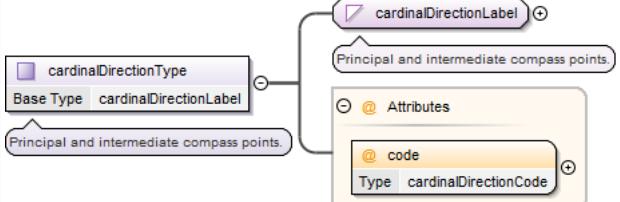
Namespace	http://www.ihc.int/S131/2.0								
Annotations	Classification of assistance for mooring or anchoring operations.								
Diagram	<pre> classDiagram class berthingAssistanceType { <<Classification of assistance for mooring or anchoring operations.>> <<@ code<<berthingAssistanceCode>>> } berthingAssistanceType < -- berthingAssistanceLabel note over berthingAssistanceType: Classification of assistance for mooring or anchoring operations. note over @ code: Type berthingAssistanceCode </pre>								
Type	extension of berthingAssistanceLabel								
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • berthingAssistanceLabel • berthingAssistanceType 								
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>berthingAssistanceCode</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	code	berthingAssistanceCode	required		
QName	Type	Use							
code	berthingAssistanceCode	required							

Complex Type AvailablePortServices_berthingAssistanceType

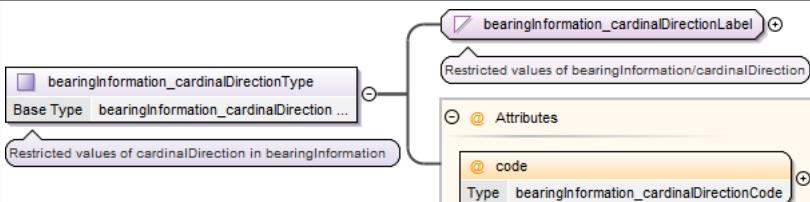
Namespace	http://www.ihc.int/S131/2.0								
Annotations	Restricted values of berthingAssistance in AvailablePortServices								
Diagram	<pre> classDiagram class AvailablePortServices_berthingAssistanceType { <<Restricted values of berthingAssistance in AvailablePortServices>> <<Custom enum: AvailablePortServices/berthingAssistance>> <<@ code<<AvailablePortServices_berthingAssistanceCode>>> } AvailablePortServices_berthingAssistanceType < -- AvailablePortServices_berthingAssistanceLabel note over AvailablePortServices_berthingAssistanceType: Restricted values of berthingAssistance in AvailablePortServices note over <<Custom enum: AvailablePortServices/berthingAssistance>>: Custom enum: AvailablePortServices/berthingAssistance note over @ code: Type AvailablePortServices_berthingAssistanceCode </pre>								
Type	extension of AvailablePortServices_berthingAssistanceLabel								
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • AvailablePortServices_berthingAssistanceLabel • AvailablePortServices_berthingAssistanceType 								
Used by	Element AvailablePortServicesType/berthingAssistance								
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>AvailablePortServices_berthingAssistanceCode</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	code	AvailablePortServices_berthingAssistanceCode	required		
QName	Type	Use							
code	AvailablePortServices_berthingAssistanceCode	required							

Complex Type cardinalDirectionType

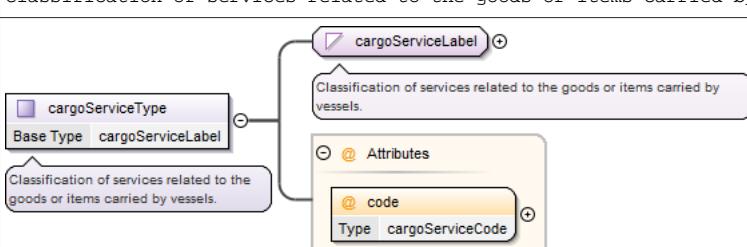
Namespace	http://www.ihc.int/S131/2.0		
Annotations	Principal and intermediate compass points.		

Diagram							
Type	extension of cardinalDirectionLabel						
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • cardinalDirectionLabel • cardinalDirectionType 						
Attributes	<table border="1"> <thead> <tr> <th>QName</th><th>Type</th><th>Use</th></tr> </thead> <tbody> <tr> <td>code</td><td>cardinalDirectionCode</td><td>required</td></tr> </tbody> </table>	QName	Type	Use	code	cardinalDirectionCode	required
QName	Type	Use					
code	cardinalDirectionCode	required					

Complex Type bearingInformation_cardinalDirectionType

Namespace	http://www.ihc.int/S131/2.0								
Annotations	Restricted values of cardinalDirection in bearingInformation								
Diagram									
Type	extension of bearingInformation_cardinalDirectionLabel								
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • bearingInformation_cardinalDirectionLabel • bearingInformation_cardinalDirectionType 								
Used by	Element	bearingInformationType/cardinalDirection							
Attributes	<table border="1"> <thead> <tr> <th>QName</th><th>Type</th><th>Use</th></tr> </thead> <tbody> <tr> <td>code</td><td>bearingInformation_cardinalDirectionCode</td><td>required</td></tr> </tbody> </table>	QName	Type	Use	code	bearingInformation_cardinalDirectionCode	required		
QName	Type	Use							
code	bearingInformation_cardinalDirectionCode	required							

Complex Type cargoServiceType

Namespace	http://www.ihc.int/S131/2.0								
Annotations	Classification of services related to the goods or items carried by vessels.								
Diagram									
Type	extension of cargoServiceLabel								
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • cargoServiceLabel • cargoServiceType 								
Attributes	<table border="1"> <thead> <tr> <th>QName</th><th>Type</th><th>Use</th></tr> </thead> <tbody> <tr> <td>code</td><td>cargoServiceCode</td><td>required</td></tr> </tbody> </table>	QName	Type	Use	code	cargoServiceCode	required		
QName	Type	Use							
code	cargoServiceCode	required							

Complex Type AvailablePortServices_cargoServiceType

Namespace	http://www.ihc.int/S131/2.0								
Annotations	Restricted values of cargoService in AvailablePortServices								
Diagram									
Type	extension of AvailablePortServices_cargoServiceLabel								
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • AvailablePortServices_cargoServiceLabel • AvailablePortServices_cargoServiceType 								
Used by	Element AvailablePortServicesType/cargoService								
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>AvailablePortServices_car- goServiceCode</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	code	AvailablePortServices_car- goServiceCode	required		
QName	Type	Use							
code	AvailablePortServices_car- goServiceCode	required							

Complex Type categoryOfAnchorageType

Namespace	http://www.ihc.int/S131/2.0								
Annotations	Classification of an area where different use types of vessel can remain static.								
Diagram									
Type	extension of categoryOfAnchorageLabel								
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • categoryOfAnchorageLabel • categoryOfAnchorageType 								
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>categoryOfAnchorageCode</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	code	categoryOfAnchorageCode	required		
QName	Type	Use							
code	categoryOfAnchorageCode	required							

Complex Type AnchorBerth_categoryOfAnchorageType

Namespace	http://www.ihc.int/S131/2.0		
Annotations	Restricted values of categoryOfAnchorage in AnchorBerth		
Diagram			
Type	extension of AnchorBerth_categoryOfAnchorageLabel		
Type hierarchy	<ul style="list-style-type: none"> • xs:string 		

	<ul style="list-style-type: none"> • AnchorBerth_categoryOfAnchorageLabel • AnchorBerth_categoryOfAnchorageType 						
Used by	Element AnchorBerthType/categoryOfAnchorage						
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>AnchorBerth_categoryOfAnchorageCode</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	code	AnchorBerth_categoryOfAnchorageCode	required
QName	Type	Use					
code	AnchorBerth_categoryOfAnchorageCode	required					

Complex Type AnchorageArea_categoryOfAnchorageType

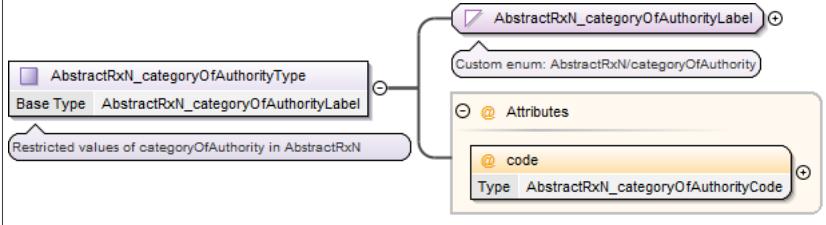
Namespace	http://www.ihc.int/S131/2.0								
Annotations	Restricted values of categoryOfAnchorage in AnchorageArea								
Diagram	<pre> classDiagram class AnchorageArea_categoryOfAnchorageType { <<Custom enum: AnchorageArea/categoryOfAnchorage>> <<@ Attributes</>> <<@ code</>> <<Type AnchorageArea_categoryOfAnchorageCode>> } class AnchorageArea_categoryOfAnchorageLabel { <<Base Type AnchorageArea_categoryOfAnchorageLabel>> } AnchorageArea_categoryOfAnchorageType < -- AnchorageArea_categoryOfAnchorageLabel </pre>								
Type	extension of AnchorageArea_categoryOfAnchorageLabel								
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • AnchorageArea_categoryOfAnchorageLabel • AnchorageArea_categoryOfAnchorageType 								
Used by	Element AnchorageAreaType/categoryOfAnchorage								
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>AnchorageArea_categoryOfAnchorageCode</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	code	AnchorageArea_categoryOfAnchorageCode	required		
QName	Type	Use							
code	AnchorageArea_categoryOfAnchorageCode	required							

Complex Type categoryOfAuthorityType

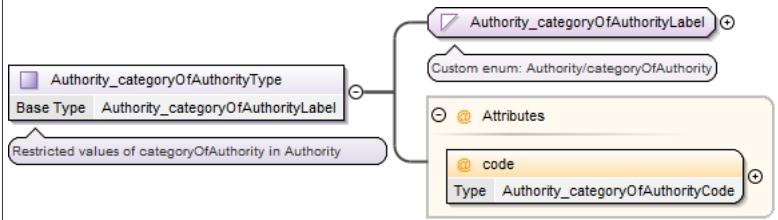
Namespace	http://www.ihc.int/S131/2.0								
Annotations	The type of person, government agency or organisation granted powers of managing or controlling access to and/or activity in an area.								
Diagram	<pre> classDiagram class categoryOfAuthorityType { <<The type of person, government agency or organisation granted powers of managing or controlling access to and/or...>> <<@ Attributes</>> <<@ code</>> <<Type categoryOfAuthorityCode>> } class categoryOfAuthorityLabel { <<Base Type categoryOfAuthorityLabel>> } categoryOfAuthorityType < -- categoryOfAuthorityLabel </pre>								
Type	extension of categoryOfAuthorityLabel								
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • categoryOfAuthorityLabel • categoryOfAuthorityType 								
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>categoryOfAuthorityCode</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	code	categoryOfAuthorityCode	required		
QName	Type	Use							
code	categoryOfAuthorityCode	required							

Complex Type AbstractRxN_categoryOfAuthorityType

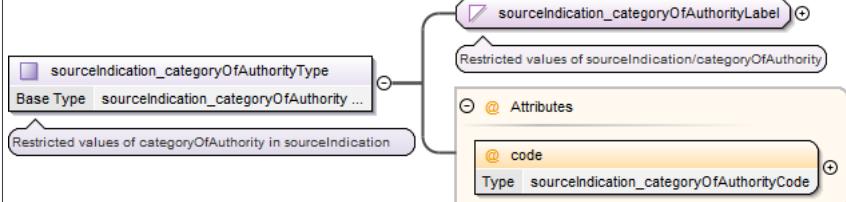
Namespace	http://www.ihc.int/S131/2.0		
Annotations	Restricted values of categoryOfAuthority in AbstractRxN		

Diagram							
Type	extension of AbstractRxN_categoryOfAuthorityLabel						
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • AbstractRxN_categoryOfAuthorityLabel • AbstractRxN_categoryOfAuthorityType 						
Used by	Element AbstractRxNType/categoryOfAuthority						
Attributes	<table border="1"> <thead> <tr> <th>QName</th><th>Type</th><th>Use</th></tr> </thead> <tbody> <tr> <td>code</td><td>AbstractRxN_categoryOfAuthorityCode</td><td>required</td></tr> </tbody> </table>	QName	Type	Use	code	AbstractRxN_categoryOfAuthorityCode	required
QName	Type	Use					
code	AbstractRxN_categoryOfAuthorityCode	required					

Complex Type Authority_categoryOfAuthorityType

Namespace	http://www.aho.int/S131/2.0								
Annotations	Restricted values of categoryOfAuthority in Authority								
Diagram									
Type	extension of Authority_categoryOfAuthorityLabel								
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • Authority_categoryOfAuthorityLabel • Authority_categoryOfAuthorityType 								
Used by	Element AuthorityType/categoryOfAuthority								
Attributes	<table border="1"> <thead> <tr> <th>QName</th><th>Type</th><th>Use</th></tr> </thead> <tbody> <tr> <td>code</td><td>Authority_categoryOfAuthorityCode</td><td>required</td></tr> </tbody> </table>	QName	Type	Use	code	Authority_categoryOfAuthorityCode	required		
QName	Type	Use							
code	Authority_categoryOfAuthorityCode	required							

Complex Type sourceIndication_categoryOfAuthorityType

Namespace	http://www.aho.int/S131/2.0		
Annotations	Restricted values of categoryOfAuthority in sourceIndication		
Diagram			
Type	extension of sourceIndication_categoryOfAuthorityLabel		
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • sourceIndication_categoryOfAuthorityLabel • sourceIndication_categoryOfAuthorityType 		
Used by	Element sourceIndicationType/categoryOfAuthority		

Attributes	QName	Type	Use
	code	sourceIndication_category-OfAuthorityCode	required

Complex Type categoryOfBerthLocationType

Namespace	http://www.ihc.int/S131/2.0		
Annotations	Classification of a berth according to the method of describing its location or extent.		
Diagram	<p>The diagram illustrates the structure of the <code>categoryOfBerthLocationType</code>. It shows the type name in a purple rounded rectangle, followed by its base type <code>categoryOfBerthLocationLabel</code>. A callout box provides a detailed description: 'Classification of a berth according to the method of describing its location or extent.' Below this, an attribute <code>code</code> is defined with type <code>categoryOfBerthLocationCode</code>.</p>		
Type	extension of <code>categoryOfBerthLocationLabel</code>		
Type hierarchy	<ul style="list-style-type: none"> • <code>xs:string</code> • <code>categoryOfBerthLocationLabel</code> • <code>categoryOfBerthLocationType</code> 		
Attributes	QName	Type	Use
	code	categoryOfBerthLocationCode	required

Complex Type Berth_categoryOfBerthLocationType

Namespace	http://www.ihc.int/S131/2.0		
Annotations	Restricted values of <code>categoryOfBerthLocation</code> in Berth		
Diagram	<p>The diagram illustrates the structure of the <code>Berth_categoryOfBerthLocationType</code>. It shows the type name in a purple rounded rectangle, followed by its base type <code>Berth_categoryOfBerthLocationLabel</code>. A callout box provides a detailed description: 'Restricted values of <code>categoryOfBerthLocation</code> in Berth'. Below this, an attribute <code>code</code> is defined with type <code>Berth_categoryOfBerthLocationCode</code>.</p>		
Type	extension of <code>Berth_categoryOfBerthLocationLabel</code>		
Type hierarchy	<ul style="list-style-type: none"> • <code>xs:string</code> • <code>Berth_categoryOfBerthLocationLabel</code> • <code>Berth_categoryOfBerthLocationType</code> 		
Used by	Element <code>BerthType/categoryOfBerthLocation</code>		
Attributes	QName	Type	Use
	code	Berth_categoryOfBerthLocationCode	required

Complex Type categoryOfCargoType

Namespace	http://www.ihc.int/S131/2.0		
Annotations	Classification of the different types of cargo that a ship may be carrying.		
Diagram	<p>The diagram illustrates the structure of the <code>categoryOfCargoType</code>. It shows the type name in a purple rounded rectangle, followed by its base type <code>categoryOfCargoLabel</code>. A callout box provides a detailed description: 'Classification of the different types of cargo that a ship may be carrying'. Below this, an attribute <code>code</code> is defined with type <code>categoryOfCargoCode</code>.</p>		

Type	extension of categoryOfCargoLabel		
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • categoryOfCargoLabel • categoryOfCargoType 		
Attributes	QName	Type	Use
	code	categoryOfCargoCode	required

Complex Type Applicability_categoryOfCargoType

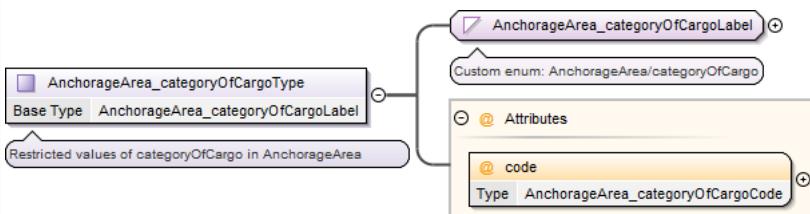
Namespace	http://www.ihc.int/S131/2.0		
Annotations	Restricted values of categoryOfCargo in Applicability		
Diagram	<pre> classDiagram class Applicability_categoryOfCargoType { <<Base Type>> Applicability_categoryOfCargoLabel <<Restricted values of categoryOfCargo in Applicability>> @code <<Custom enum: Applicability/categoryOfCargo>> } </pre>		
Type	extension of Applicability_categoryOfCargoLabel		
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • Applicability_categoryOfCargoLabel • Applicability_categoryOfCargoType 		
Used by	Element	ApplicabilityType/categoryOfCargo	
Attributes	QName	Type	Use
	code	Applicability_categoryOfCargoCode	required

Complex Type AnchorBerth_categoryOfCargoType

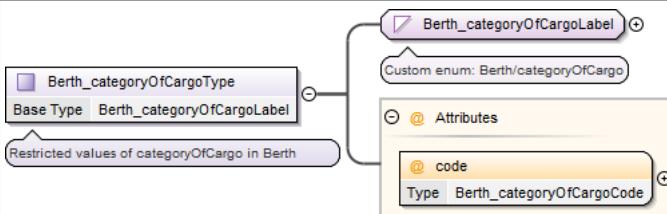
Namespace	http://www.ihc.int/S131/2.0		
Annotations	Restricted values of categoryOfCargo in AnchorBerth		
Diagram	<pre> classDiagram class AnchorBerth_categoryOfCargoType { <<Base Type>> AnchorBerth_categoryOfCargoLabel <<Restricted values of categoryOfCargo in AnchorBerth>> @code <<Custom enum: AnchorBerth/categoryOfCargo>> } </pre>		
Type	extension of AnchorBerth_categoryOfCargoLabel		
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • AnchorBerth_categoryOfCargoLabel • AnchorBerth_categoryOfCargoType 		
Used by	Element	AnchorBerthType/categoryOfCargo	
Attributes	QName	Type	Use
	code	AnchorBerth_categoryOfCargoCode	required

Complex Type AnchorageArea_categoryOfCargoType

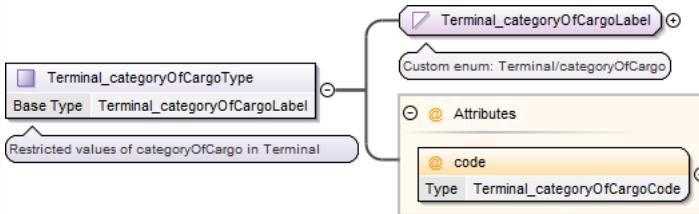
Namespace	http://www.ihc.int/S131/2.0		
Annotations	Restricted values of categoryOfCargo in AnchorageArea		

Diagram							
Type	extension of AnchorageArea_categoryOfCargoLabel						
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • AnchorageArea_categoryOfCargoLabel • AnchorageArea_categoryOfCargoType 						
Used by	Element AnchorageAreaType/categoryOfCargo						
Attributes	<table border="1"> <thead> <tr> <th>QName</th><th>Type</th><th>Use</th></tr> </thead> <tbody> <tr> <td>code</td><td>AnchorageArea_categoryOfCargoCode</td><td>required</td></tr> </tbody> </table>	QName	Type	Use	code	AnchorageArea_categoryOfCargoCode	required
QName	Type	Use					
code	AnchorageArea_categoryOfCargoCode	required					

Complex Type Berth_categoryOfCargoType

Namespace	http://www.ihc.int/S131/2.0								
Annotations	Restricted values of categoryOfCargo in Berth								
Diagram									
Type	extension of Berth_categoryOfCargoLabel								
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • Berth_categoryOfCargoLabel • Berth_categoryOfCargoType 								
Used by	Element BerthType/categoryOfCargo								
Attributes	<table border="1"> <thead> <tr> <th>QName</th><th>Type</th><th>Use</th></tr> </thead> <tbody> <tr> <td>code</td><td>Berth_categoryOfCargoCode</td><td>required</td></tr> </tbody> </table>			QName	Type	Use	code	Berth_categoryOfCargoCode	required
QName	Type	Use							
code	Berth_categoryOfCargoCode	required							

Complex Type Terminal_categoryOfCargoType

Namespace	http://www.ihc.int/S131/2.0		
Annotations	Restricted values of categoryOfCargo in Terminal		
Diagram			
Type	extension of Terminal_categoryOfCargoLabel		
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • Terminal_categoryOfCargoLabel • Terminal_categoryOfCargoType 		
Used by	Element TerminalType/categoryOfCargo		

Attributes	QName	Type	Use
	code	Terminal_categoryOfCargoCode	required

Complex Type categoryOfCommunicationPreferenceType

Namespace	http://www.ihc.int/S131/2.0		
Annotations	Classification of frequencies, VHF channels, telephone numbers, or other means of communication based on preference.		
Diagram			
Type	extension of categoryOfCommunicationPreferenceLabel		
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • categoryOfCommunicationPreferenceLabel • categoryOfCommunicationPreferenceType 		
Attributes	QName	Type	Use
	code	categoryOfCommunicationPreferenceCode	required

Complex Type ContactDetails_categoryOfCommunicationPreferenceType

Namespace	http://www.ihc.int/S131/2.0		
Annotations	Restricted values of categoryOfCommunicationPreference in ContactDetails		
Diagram			
Type	extension of ContactDetails_categoryOfCommunicationPreferenceLabel		
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • ContactDetails_categoryOfCommunicationPreferenceLabel • ContactDetails_categoryOfCommunicationPreferenceType 		
Used by	Element ContactDetailsType/categoryOfCommunicationPreference		
Attributes	QName	Type	Use
	code	ContactDetails_categoryOfCommunicationPreferenceCode	required

Complex Type telecommunications_categoryOfCommunicationPreferenceType

Namespace	http://www.ihc.int/S131/2.0		
Annotations	Restricted values of categoryOfCommunicationPreference in telecommunications		
Diagram			

Type	extension of telecommunications_categoryOfCommunicationPreferenceLabel								
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • telecommunications_categoryOfCommunicationPreferenceLabel • telecommunications_categoryOfCommunicationPreferenceType 								
Used by	Element telecommunicationsType/categoryOfCommunicationPreference								
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>code</td> <td>telecommunications_category-OfCommunicationPreference-Code</td> <td>required</td> <td></td> </tr> </tbody> </table>	QName	Type	Use		code	telecommunications_category-OfCommunicationPreference-Code	required	
QName	Type	Use							
code	telecommunications_category-OfCommunicationPreference-Code	required							

Complex Type categoryOfDangerousOrHazardousCargoType

Namespace	http://www.ihc.int/S131/2.0								
Annotations	Classification of dangerous goods or hazardous materials based on the International Maritime Dangerous Goods Code (IMDG Code).								
Diagram	<pre> classDiagram categoryOfDangerousOrHazardousCargoType < -- categoryOfDangerousOrHazardousCargoLabel categoryOfDangerousOrHazardousCargoLabel "1..2" --> Annotation { text: Classification of dangerous goods or hazardous materials based on the International Maritime Dangerous Goods Code (IMDG... } categoryOfDangerousOrHazardousCargoLabel "1..2" --> Attribute { name: @code type: categoryOfDangerousOrHazardousCargoCode } </pre>								
Type	extension of categoryOfDangerousOrHazardousCargoLabel								
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • categoryOfDangerousOrHazardousCargoLabel • categoryOfDangerousOrHazardousCargoType 								
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>code</td> <td>categoryOfDangerousOrHazardousCargoCode</td> <td>required</td> <td></td> </tr> </tbody> </table>	QName	Type	Use		code	categoryOfDangerousOrHazardousCargoCode	required	
QName	Type	Use							
code	categoryOfDangerousOrHazardousCargoCode	required							

Complex Type Applicability_categoryOfDangerousOrHazardousCargoType

Namespace	http://www.ihc.int/S131/2.0								
Annotations	Restricted values of categoryOfDangerousOrHazardousCargo in Applicability								
Diagram	<pre> classDiagram class Applicability_categoryOfDangerousOrHazardousCargoType { <<Base Type>> Applicability_categoryOfDangerousOrHazardousCargoLabel } class Applicability_categoryOfDangerousOrHazardousCargoLabel { <<Custom enum: Applicability/categoryOfDangerousOrHazardousCargo>> <<Attributes>> @ code } Applicability_categoryOfDangerousOrHazardousCargoType "1" -- "1" Applicability_categoryOfDangerousOrHazardousCargoLabel Applicability_categoryOfDangerousOrHazardousCargoLabel "1" -- "1" @ code </pre>								
Type	extension of Applicability_categoryOfDangerousOrHazardousCargoLabel								
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • Applicability_categoryOfDangerousOrHazardousCargoLabel • Applicability_categoryOfDangerousOrHazardousCargoType 								
Used by	Element ApplicabilityType/categoryOfDangerousOrHazardousCargo								
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>code</td> <td>Applicability_categoryOfDangerousOrHazardousCargoCode</td> <td>required</td> <td></td> </tr> </tbody> </table>	QName	Type	Use		code	Applicability_categoryOfDangerousOrHazardousCargoCode	required	
QName	Type	Use							
code	Applicability_categoryOfDangerousOrHazardousCargoCode	required							

Complex Type categoryOfDepthsDescriptionType

Namespace <http://www.ihc.int/S131/2.0>

Annotations	Classification of significant aspects of depths about which information is provided.						
Diagram	<pre> classDiagram class categoryOfDepthsDescriptionType { <<Classification of significant aspects of depths about which information is provided.>> } categoryOfDepthsDescriptionType < -- categoryOfDepthsDescriptionLabel categoryOfDepthsDescriptionLabel --> categoryOfDepthsDescriptionLabel: categoryOfDepthsDescriptionLabel categoryOfDepthsDescriptionLabel --> categoryOfDepthsDescriptionType: categoryOfDepthsDescriptionLabel categoryOfDepthsDescriptionType --> Attributes categoryOfDepthsDescriptionType --> code: @ code code --> code: categoryOfDepthsDescriptionCode </pre>						
Type	extension of categoryOfDepthsDescriptionLabel						
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • categoryOfDepthsDescriptionLabel • categoryOfDepthsDescriptionType 						
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>categoryOfDepthsDescriptionCode</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	code	categoryOfDepthsDescriptionCode	required
QName	Type	Use					
code	categoryOfDepthsDescriptionCode	required					

Complex Type depthsDescription_categoryOfDepthsDescriptionType

Namespace	http://www.ihc.int/S131/2.0						
Annotations	Restricted values of categoryOfDepthsDescription in depthsDescription						
Diagram	<pre> classDiagram class depthsDescription_categoryOfDepthsDescriptionType { <<Restricted values of categoryOfDepthsDescription in depthsDescription>> } depthsDescription_categoryOfDepthsDescriptionType < -- depthsDescription_categoryOfDepthsDescriptionLabel depthsDescription_categoryOfDepthsDescriptionLabel --> depthsDescription_categoryOfDepthsDescriptionLabel: depthsDescription_categoryOfDepthsDescriptionLabel depthsDescription_categoryOfDepthsDescriptionLabel --> depthsDescription_categoryOfDepthsDescriptionType: depthsDescription_categoryOfDepthsDescriptionLabel depthsDescription_categoryOfDepthsDescriptionType --> Attributes depthsDescription_categoryOfDepthsDescriptionType --> code: @ code code --> code: depthsDescription_categoryOfDepthsDescriptionCode </pre>						
Type	extension of depthsDescription_categoryOfDepthsDescriptionLabel						
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • depthsDescription_categoryOfDepthsDescriptionLabel • depthsDescription_categoryOfDepthsDescriptionType 						
Used by	Element depthsDescriptionType/categoryOfDepthsDescription						
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>depthsDescription_categoryOfDepthsDescriptionCode</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	code	depthsDescription_categoryOfDepthsDescriptionCode	required
QName	Type	Use					
code	depthsDescription_categoryOfDepthsDescriptionCode	required					

Complex Type categoryOfDolphinType

Namespace	http://www.ihc.int/S131/2.0
Annotations	Classification of a post or group of posts, used for mooring or warping a vessel.
Diagram	<pre> classDiagram class categoryOfDolphinType { <<Classification of a post or group of posts, used for mooring or warping a vessel.>> } categoryOfDolphinType < -- categoryOfDolphinLabel categoryOfDolphinLabel --> categoryOfDolphinLabel: categoryOfDolphinLabel categoryOfDolphinLabel --> categoryOfDolphinType: categoryOfDolphinLabel categoryOfDolphinType --> Attributes categoryOfDolphinType --> code: @ code code --> code: categoryOfDolphinCode </pre>
Type	extension of categoryOfDolphinLabel
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • categoryOfDolphinLabel • categoryOfDolphinType

Attributes	QName	Type	Use
	code	categoryOfDolphinCode	required

Complex Type Dolphin_categoryOfDolphinType

Namespace	http://www.ih0.int/S131/2.0		
Annotations	Restricted values of categoryOfDolphin in Dolphin		
Diagram	<pre> classDiagram class Dolphin_categoryOfDolphinType { <<Base Type: Dolphin_categoryOfDolphinLabel>> <<Restricted values of categoryOfDolphin in Dolphin>> @ code : Dolphin_categoryOfDolphinCode } </pre>		
Type	extension of Dolphin_categoryOfDolphinLabel		
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • Dolphin_categoryOfDolphinLabel • Dolphin_categoryOfDolphinType 		
Used by	Element	DolphinType/categoryOfDolphin	
Attributes	QName	Type	Use
	code	Dolphin_categoryOfDolphinCode	required

Complex Type categoryOfFrequencyType

Namespace	http://www.ih0.int/S131/2.0		
Annotations	The electrical frequency provided by the power supply station.		
Diagram	<pre> classDiagram class categoryOfFrequencyType { <<Base Type: categoryOfFrequencyLabel>> <<The electrical frequency provided by the power supply station.>> @ code : categoryOfFrequencyCode } </pre>		
Type	extension of categoryOfFrequencyLabel		
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • categoryOfFrequencyLabel • categoryOfFrequencyType 		
Attributes	QName	Type	Use
	code	categoryOfFrequencyCode	required

Complex Type Berth_categoryOfFrequencyType

Namespace	http://www.ih0.int/S131/2.0		
Annotations	Restricted values of categoryOfFrequency in Berth		
Diagram	<pre> classDiagram class Berth_categoryOfFrequencyType { <<Base Type: Berth_categoryOfFrequencyLabel>> <<Restricted values of categoryOfFrequency in Berth>> @ code : Berth_categoryOfFrequencyCode } </pre>		
Type	extension of Berth_categoryOfFrequencyLabel		
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • Berth_categoryOfFrequencyLabel • Berth_categoryOfFrequencyType 		
Attributes	QName	Type	Use
	code	Berth_categoryOfFrequencyCode	required

Type	extension of Berth_categoryOfFrequencyLabel		
Type hierarchy	<ul style="list-style-type: none"> xs:string <ul style="list-style-type: none"> Berth_categoryOfFrequencyLabel Berth_categoryOfFrequencyType 		
Used by	Element BerthType/categoryOfFrequency		
Attributes	QName	Type	Use
	code	Berth_categoryOfFrequency-Code	required

Complex Type OnshorePowerFacility_categoryOfFrequencyType

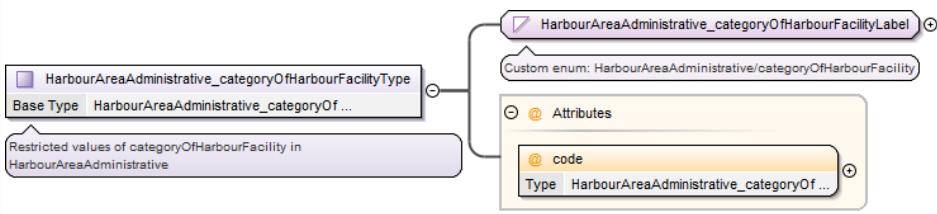
Namespace	http://www.aho.int/S131/2.0		
Annotations	Restricted values of categoryOfFrequency in OnshorePowerFacility		
Diagram	<pre> classDiagram class OnshorePowerFacility_categoryOfFrequencyType { <<OnshorePowerFacility_categoryOfFrequencyType>> <<Base Type: OnshorePowerFacility_categoryOfFrequencyLabel>> <<Restricted values of categoryOfFrequency in OnshorePowerFacility>> } class OnshorePowerFacility_categoryOfFrequencyLabel { <<OnshorePowerFacility_categoryOfFrequencyLabel>> <<Custom enum: OnshorePowerFacility/categoryOfFrequency>> } OnshorePowerFacility_categoryOfFrequencyType "0..1" --> "1..1" OnshorePowerFacility_categoryOfFrequencyLabel OnshorePowerFacility_categoryOfFrequencyLabel "0..1" --> "1..1" code code "0..1" --> "1..1" OnshorePowerFacility_categoryOfFrequencyCode class code { <<@ Attributes>> <<code>> <<Type: OnshorePowerFacility_categoryOfFrequencyCode>> } </pre>		
Type	extension of OnshorePowerFacility_categoryOfFrequencyLabel		
Type hierarchy	<ul style="list-style-type: none"> xs:string <ul style="list-style-type: none"> OnshorePowerFacility_categoryOfFrequencyLabel OnshorePowerFacility_categoryOfFrequencyType 		
Used by	Element OnshorePowerFacilityType/categoryOfFrequency		
Attributes	QName	Type	Use
	code	OnshorePowerFacility_categoryOfFrequencyCode	required

Complex Type categoryOfHarbourFacilityType

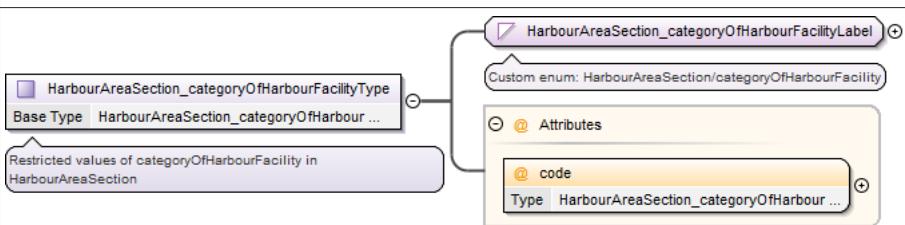
Namespace	http://www.aho.int/S131/2.0		
Annotations	Classification of harbour use.		
Diagram	<pre> classDiagram class categoryOfHarbourFacilityType { <<categoryOfHarbourFacilityType>> <<Base Type: categoryOfHarbourFacilityLabel>> <<Classification of harbour use.>> } class categoryOfHarbourFacilityLabel { <<categoryOfHarbourFacilityLabel>> <<Classification of harbour use.>> } categoryOfHarbourFacilityType "0..1" --> "1..1" categoryOfHarbourFacilityLabel categoryOfHarbourFacilityLabel "0..1" --> "1..1" code class code { <<@ Attributes>> <<code>> <<Type: categoryOfHarbourFacilityCode>> } </pre>		
Type	extension of categoryOfHarbourFacilityLabel		
Type hierarchy	<ul style="list-style-type: none"> xs:string <ul style="list-style-type: none"> categoryOfHarbourFacilityLabel categoryOfHarbourFacilityType 		
Attributes	QName	Type	Use
	code	categoryOfHarbourFacilityCode	required

Complex Type HarbourAreaAdministrative_categoryOfHarbourFacilityType

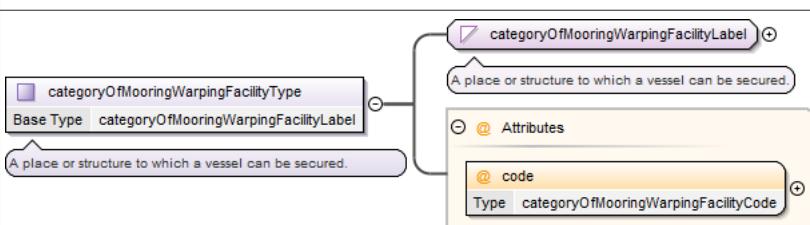
Namespace	http://www.aho.int/S131/2.0		
Annotations	Restricted values of categoryOfHarbourFacility in HarbourAreaAdministrative		

Diagram							
Type	extension of HarbourAreaAdministrative_categoryOfHarbourFacilityLabel						
Type hierarchy	<ul style="list-style-type: none"> xs:string <ul style="list-style-type: none"> • HarbourAreaAdministrative_categoryOfHarbourFacilityLabel • HarbourAreaAdministrative_categoryOfHarbourFacilityType 						
Used by	Element HarbourAreaAdministrativeType/categoryOfHarbourFacility						
Attributes	<table border="1"> <thead> <tr> <th>QName</th><th>Type</th><th>Use</th></tr> </thead> <tbody> <tr> <td>code</td><td>HarbourAreaAdministrative_categoryOfHarbourFacilityCode</td><td>required</td></tr> </tbody> </table>	QName	Type	Use	code	HarbourAreaAdministrative_categoryOfHarbourFacilityCode	required
QName	Type	Use					
code	HarbourAreaAdministrative_categoryOfHarbourFacilityCode	required					

Complex Type HarbourAreaSection_categoryOfHarbourFacilityType

Namespace	http://www.ihc.int/S131/2.0						
Annotations	Restricted values of categoryOfHarbourFacility in HarbourAreaSection						
Diagram							
Type	extension of HarbourAreaSection_categoryOfHarbourFacilityLabel						
Type hierarchy	<ul style="list-style-type: none"> xs:string <ul style="list-style-type: none"> • HarbourAreaSection_categoryOfHarbourFacilityLabel • HarbourAreaSection_categoryOfHarbourFacilityType 						
Used by	Element HarbourAreaSectionType/categoryOfHarbourFacility						
Attributes	<table border="1"> <thead> <tr> <th>QName</th><th>Type</th><th>Use</th></tr> </thead> <tbody> <tr> <td>code</td><td>HarbourAreaSection_categoryOfHarbourFacilityCode</td><td>required</td></tr> </tbody> </table>	QName	Type	Use	code	HarbourAreaSection_categoryOfHarbourFacilityCode	required
QName	Type	Use					
code	HarbourAreaSection_categoryOfHarbourFacilityCode	required					

Complex Type categoryOfMooringWarpingFacilityType

Namespace	http://www.ihc.int/S131/2.0
Annotations	A place or structure to which a vessel can be secured.
Diagram	
Type	extension of categoryOfMooringWarpingFacilityLabel
Type hierarchy	<ul style="list-style-type: none"> xs:string <ul style="list-style-type: none"> • categoryOfMooringWarpingFacilityLabel • categoryOfMooringWarpingFacilityType

Attributes	QName	Type	Use	
	code	categoryOfMooringWarpingFacilityCode	required	

Complex Type MooringWarpingFacility_categoryOfMooringWarpingFacilityType

Namespace	http://www.ihc.int/S131/2.0			
Annotations	Restricted values of categoryOfMooringWarpingFacility in MooringWarpingFacility			
Diagram	<pre> classDiagram class MooringWarpingFacility_categoryOfMooringWarpingFacilityType { <<Base Type>> } class MooringWarpingFacility_categoryOfMooringWarpingFacilityLabel { <<Custom enum: MooringWarpingFacility/categoryOfMooringWarpingFacility>> } MooringWarpingFacility_categoryOfMooringWarpingFacilityType < -- MooringWarpingFacility_categoryOfMooringWarpingFacilityLabel MooringWarpingFacility_categoryOfMooringWarpingFacilityLabel @Attributes MooringWarpingFacility_categoryOfMooringWarpingFacilityLabel @code </pre>			
Type	extension of MooringWarpingFacility_categoryOfMooringWarpingFacilityLabel			
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • MooringWarpingFacility_categoryOfMooringWarpingFacilityLabel • MooringWarpingFacility_categoryOfMooringWarpingFacilityType 			
Used by	Element MooringWarpingFacilityType/categoryOfMooringWarpingFacility			
Attributes	QName	Type	Use	
	code	MooringWarpingFacility_categoryOfMooringWarpingFacilityCode	required	

Complex Type categoryOfPortSectionType

Namespace	http://www.ihc.int/S131/2.0			
Annotations	Classification of subdivisions of a port or harbour area by usage.			
Diagram	<pre> classDiagram class categoryOfPortSectionType { <<Base Type>> } class categoryOfPortSectionLabel { <<Classification of subdivisions of a port or harbour area by usage.>> } categoryOfPortSectionType < -- categoryOfPortSectionLabel categoryOfPortSectionLabel @Attributes categoryOfPortSectionLabel @code </pre>			
Type	extension of categoryOfPortSectionLabel			
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • categoryOfPortSectionLabel • categoryOfPortSectionType 			
Attributes	QName	Type	Use	
	code	categoryOfPortSectionCode	required	

Complex Type HarbourAreaSection_categoryOfPortSectionType

Namespace	http://www.ihc.int/S131/2.0			
Annotations	Restricted values of categoryOfPortSection in HarbourAreaSection			
Diagram	<pre> classDiagram class HarbourAreaSection_categoryOfPortSectionType { <<Base Type>> } class HarbourAreaSection_categoryOfPortSectionLabel { <<Custom enum: HarbourAreaSection/categoryOfPortSection>> } HarbourAreaSection_categoryOfPortSectionType < -- HarbourAreaSection_categoryOfPortSectionLabel HarbourAreaSection_categoryOfPortSectionLabel @Attributes HarbourAreaSection_categoryOfPortSectionLabel @code </pre>			
Type	extension of HarbourAreaSection_categoryOfPortSectionLabel			

Type hierarchy	<ul style="list-style-type: none"> xs:string <ul style="list-style-type: none"> HarbourAreaSection_categoryOfPortSectionLabel HarbourAreaSection_categoryOfPortSectionType 						
Used by	Element HarbourAreaSectionType/categoryOfPortSection						
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>HarbourAreaSection_categoryOfPortSectionCode</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	code	HarbourAreaSection_categoryOfPortSectionCode	required
QName	Type	Use					
code	HarbourAreaSection_categoryOfPortSectionCode	required					

Complex Type WaterwayArea_categoryOfPortSectionType

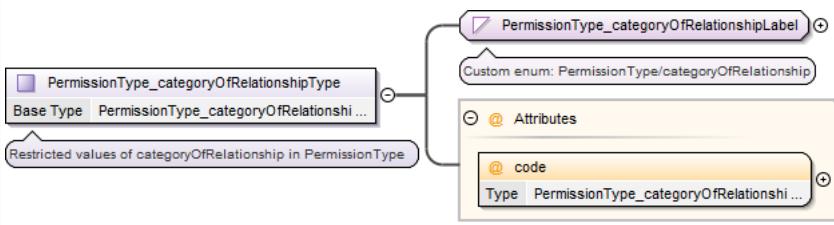
Namespace	http://www.ihc.int/S131/2.0						
Annotations	Restricted values of categoryOfPortSection in WaterwayArea						
Diagram	<p>The diagram illustrates the structure of the <code>WaterwayArea_categoryOfPortSectionType</code>. It shows a base type <code>WaterwayArea_categoryOfPortSectionLabel</code> which is extended by <code>WaterwayArea_categoryOfPortSectionType</code>. This extension adds a new attribute <code>@code</code> of type <code>WaterwayArea_categoryOfPortSectionCode</code>. A callout box provides the annotation: "Custom enum: WaterwayArea/categoryOfPortSection".</p>						
Type	extension of WaterwayArea_categoryOfPortSectionLabel						
Type hierarchy	<ul style="list-style-type: none"> xs:string <ul style="list-style-type: none"> WaterwayArea_categoryOfPortSectionLabel WaterwayArea_categoryOfPortSectionType 						
Used by	Element WaterwayAreaType/categoryOfPortSection						
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>WaterwayArea_categoryOfPortSectionCode</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	code	WaterwayArea_categoryOfPortSectionCode	required
QName	Type	Use					
code	WaterwayArea_categoryOfPortSectionCode	required					

Complex Type categoryOfRelationshipType

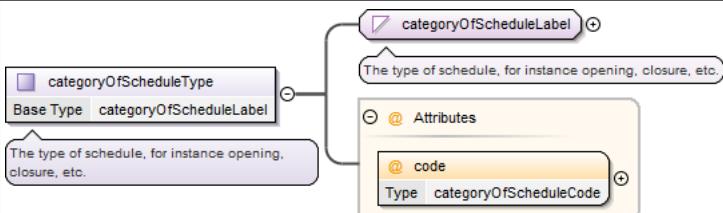
Namespace	http://www.ihc.int/S131/2.0						
Annotations	Expresses constraints or requirements on vessel actions or activities in relation to a geographic feature, facility, or service.						
Diagram	<p>The diagram illustrates the structure of the <code>categoryOfRelationshipType</code>. It shows a base type <code>categoryOfRelationshipLabel</code> which is extended by <code>categoryOfRelationshipType</code>. This extension adds a new attribute <code>@code</code> of type <code>categoryOfRelationshipCode</code>. A callout box provides the annotation: "Expresses constraints or requirements on vessel actions or activities in relation to a geographic feature, facility, or...".</p>						
Type	extension of categoryOfRelationshipLabel						
Type hierarchy	<ul style="list-style-type: none"> xs:string <ul style="list-style-type: none"> categoryOfRelationshipLabel categoryOfRelationshipType 						
Used by	Element PermissionTypeType/categoryOfRelationship						
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>categoryOfRelationshipCode</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	code	categoryOfRelationshipCode	required
QName	Type	Use					
code	categoryOfRelationshipCode	required					

Complex Type PermissionType_categoryOfRelationshipType

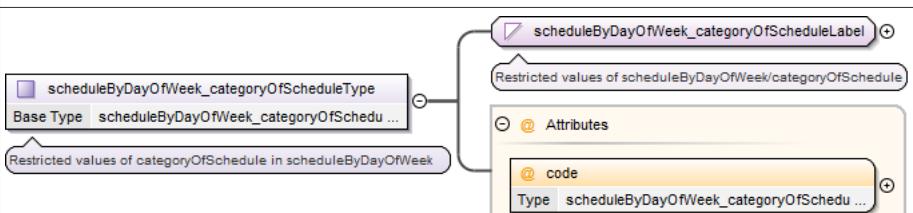
Namespace	http://www.ihc.int/S131/2.0
Annotations	Restricted values of categoryOfRelationship in PermissionType

Diagram							
Type	extension of PermissionType_categoryOfRelationshipLabel						
Type hierarchy	<ul style="list-style-type: none"> xs:string <ul style="list-style-type: none"> PermissionType_categoryOfRelationshipLabel PermissionType_categoryOfRelationshipType 						
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>PermissionType_categoryOfRelationshipCode</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	code	PermissionType_categoryOfRelationshipCode	required
QName	Type	Use					
code	PermissionType_categoryOfRelationshipCode	required					

Complex Type categoryOfScheduleType

Namespace	http://www.aho.int/S131/2.0								
Annotations	The type of schedule, for instance opening, closure, etc.								
Diagram									
Type	extension of categoryOfScheduleLabel								
Type hierarchy	<ul style="list-style-type: none"> xs:string <ul style="list-style-type: none"> categoryOfScheduleLabel categoryOfScheduleType 								
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>categoryOfScheduleCode</td> <td>required</td> </tr> </tbody> </table>			QName	Type	Use	code	categoryOfScheduleCode	required
QName	Type	Use							
code	categoryOfScheduleCode	required							

Complex Type scheduleByDayOfWeek_categoryOfScheduleType

Namespace	http://www.aho.int/S131/2.0								
Annotations	Restricted values of categoryOfSchedule in scheduleByDayOfWeek								
Diagram									
Type	extension of scheduleByDayOfWeek_categoryOfScheduleLabel								
Type hierarchy	<ul style="list-style-type: none"> xs:string <ul style="list-style-type: none"> scheduleByDayOfWeek_categoryOfScheduleLabel scheduleByDayOfWeek_categoryOfScheduleType 								
Used by	Element scheduleByDayOfWeekType/categoryOfSchedule								
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>scheduleByDayOfWeek_categoryOfScheduleCode</td> <td>required</td> </tr> </tbody> </table>			QName	Type	Use	code	scheduleByDayOfWeek_categoryOfScheduleCode	required
QName	Type	Use							
code	scheduleByDayOfWeek_categoryOfScheduleCode	required							

Complex Type categoryOfShorePowerFacilityType

Namespace	http://www.ihc.int/S131/2.0		
Annotations	Classification of equipment or installations that are used for providing shoreside electrical power to a vessel at berth.		
Diagram	<p>The diagram illustrates the structure of the <code>categoryOfShorePowerFacilityType</code>. It shows a box labeled <code>categoryOfShorePowerFacilityLabel</code> with a circular arrow indicating it's a base type. A callout box provides the detailed description: "Classification of equipment or installations that are used for providing shoreside electrical power to a vessel at...". Below this, an <code>Attributes</code> section is shown with a box for <code>code</code> and its type <code>categoryOfShorePowerFacilityCode</code>.</p>		
Type	extension of <code>categoryOfShorePowerFacilityLabel</code>		
Type hierarchy	<ul style="list-style-type: none"> • <code>xs:string</code> <ul style="list-style-type: none"> • <code>categoryOfShorePowerFacilityLabel</code> • <code>categoryOfShorePowerFacilityType</code> 		
Attributes	QName	Type	Use
	<code>code</code>	<code>categoryOfShorePowerFacilityCode</code>	required

Complex Type OnshorePowerFacility_categoryOfShorePowerFacilityType

Namespace	http://www.ihc.int/S131/2.0		
Annotations	Restricted values of <code>categoryOfShorePowerFacility</code> in <code>OnshorePowerFacility</code>		
Diagram	<p>The diagram illustrates the structure of the <code>OnshorePowerFacility_categoryOfShorePowerFacilityType</code>. It shows a box labeled <code>OnshorePowerFacility_categoryOfShorePowerFacilityLabel</code> with a circular arrow indicating it's a base type. A callout box provides the detailed description: "Restricted values of <code>categoryOfShorePowerFacility</code> in <code>OnshorePowerFacility</code>". Below this, an <code>Attributes</code> section is shown with a box for <code>code</code> and its type <code>OnshorePowerFacility_categoryOfShore...</code>.</p>		
Type	extension of <code>OnshorePowerFacility_categoryOfShorePowerFacilityLabel</code>		
Type hierarchy	<ul style="list-style-type: none"> • <code>xs:string</code> <ul style="list-style-type: none"> • <code>OnshorePowerFacility_categoryOfShorePowerFacilityLabel</code> • <code>OnshorePowerFacility_categoryOfShorePowerFacilityType</code> 		
Used by	Element <code>OnshorePowerFacilityType/categoryOfShorePowerFacility</code>		
Attributes	QName	Type	Use
	<code>code</code>	<code>OnshorePowerFacility_categoryOfShorePowerFacilityCode</code>	required

Complex Type categoryOfTemporalVariationType

Namespace	http://www.ihc.int/S131/2.0		
Annotations	An assessment of the likelihood of change over time.		
Diagram	<p>The diagram illustrates the structure of the <code>categoryOfTemporalVariationType</code>. It shows a box labeled <code>categoryOfTemporalVariationLabel</code> with a circular arrow indicating it's a base type. A callout box provides the detailed description: "An assessment of the likelihood of change over time". Below this, an <code>Attributes</code> section is shown with a box for <code>code</code> and its type <code>categoryOfTemporalVariationCode</code>.</p>		
Type	extension of <code>categoryOfTemporalVariationLabel</code>		

Type hierarchy	<ul style="list-style-type: none"> xs:string <ul style="list-style-type: none"> categoryOfTemporalVariationLabel categoryOfTemporalVariationType 		
Attributes	QName	Type	Use
	code	categoryOfTemporalVariationCode	required

Complex Type QualityOfNonBathymetricData_categoryOfTemporalVariationType

Namespace	http://www.ihodata.org/S131/2.0		
Annotations	Restricted values of categoryOfTemporalVariation in QualityOfNonBathymetricData		
Diagram	<pre> classDiagram class QualityOfNonBathymetricData_categoryOfTemporalVariationType { <<QualityOfNonBathymetricData_categoryOfTemporalVariation>> <<QualityOfNonBathymetricData_categoryOfTemporalVariationLabel>> <<QualityOfNonBathymetricData_categoryOfTemporalVariationCode>> } QualityOfNonBathymetricData_categoryOfTemporalVariationType < -- QualityOfNonBathymetricData_categoryOfTemporalVariationLabel QualityOfNonBathymetricData_categoryOfTemporalVariationLabel < -- QualityOfNonBathymetricData_categoryOfTemporalVariation QualityOfNonBathymetricData_categoryOfTemporalVariationLabel @code : QualityOfNonBathymetricData_categoryOfTemporalVariationCode </pre>		
Type	extension of QualityOfNonBathymetricData_categoryOfTemporalVariationLabel		
Type hierarchy	<ul style="list-style-type: none"> xs:string <ul style="list-style-type: none"> QualityOfNonBathymetricData_categoryOfTemporalVariationLabel QualityOfNonBathymetricData_categoryOfTemporalVariationType 		
Used by	Element	QualityOfNonBathymetricDataType/categoryOfTemporalVariation	
Attributes	QName	Type	Use
	code	QualityOfNonBathymetricData_categoryOfTemporalVariationCode	required

Complex Type categoryOfTerminalType

Namespace	http://www.ihodata.org/S131/2.0		
Annotations	Classification of terminals according to type of use, purpose, or type of cargo loaded or unloaded.		
Diagram	<pre> classDiagram class categoryOfTerminalType { <<categoryOfTerminalLabel>> <<categoryOfTerminalCode>> } categoryOfTerminalType < -- categoryOfTerminalLabel categoryOfTerminalLabel < -- categoryOfTerminal categoryOfTerminalLabel @code : categoryOfTerminalCode </pre>		
Type	extension of categoryOfTerminalLabel		
Type hierarchy	<ul style="list-style-type: none"> xs:string <ul style="list-style-type: none"> categoryOfTerminalLabel categoryOfTerminalType 		
Attributes	QName	Type	Use
	code	categoryOfTerminalCode	required

Complex Type Terminal_categoryOfTerminalType

Namespace	http://www.ihodata.org/S131/2.0		
Annotations	Restricted values of categoryOfTerminal in Terminal		

Diagram							
Type	extension of Terminal_categoryOfTerminalLabel						
Type hierarchy	<ul style="list-style-type: none"> xs:string <ul style="list-style-type: none"> Terminal_categoryOfTerminalLabel Terminal_categoryOfTerminalType 						
Used by	Element TerminalType/categoryOfTerminal						
Attributes	<table border="1"> <thead> <tr> <th>QName</th><th>Type</th><th>Use</th></tr> </thead> <tbody> <tr> <td>code</td><td>Terminal_categoryOfTerminalCode</td><td>required</td></tr> </tbody> </table>	QName	Type	Use	code	Terminal_categoryOfTerminalCode	required
QName	Type	Use					
code	Terminal_categoryOfTerminalCode	required					

Complex Type categoryOfTextType

Namespace	http://www.ihc.int/S131/2.0								
Annotations	Classification of completeness of textual information in relation to the source material from which it is derived.								
Diagram									
Type	extension of categoryOfTextLabel								
Type hierarchy	<ul style="list-style-type: none"> xs:string <ul style="list-style-type: none"> categoryOfTextLabel categoryOfTextType 								
Attributes	<table border="1"> <thead> <tr> <th>QName</th><th>Type</th><th>Use</th></tr> </thead> <tbody> <tr> <td>code</td><td>categoryOfTextCode</td><td>required</td></tr> </tbody> </table>	QName	Type	Use	code	categoryOfTextCode	required		
QName	Type	Use							
code	categoryOfTextCode	required							

Complex Type textContent_categoryOfTextType

Namespace	http://www.ihc.int/S131/2.0		
Annotations	Restricted values of categoryOfText in textContent		
Diagram			
Type	extension of textContent_categoryOfTextLabel		
Type hierarchy	<ul style="list-style-type: none"> xs:string <ul style="list-style-type: none"> textContent_categoryOfTextLabel textContent_categoryOfTextType 		
Used by	Element textContentType/categoryOfText		

Attributes	QName	Type	Use
	code	textContent_categoryOfTextCode	required

Complex Type categoryOfVesselRegistryType

Namespace	http://www.ihoint/S131/2.0		
Annotations	The locality of vessel registration or enrolment relative to the nationality of a port, territorial sea, administrative area, exclusive zone or other location.		
Diagram			
Type	extension of categoryOfVesselRegistryLabel		
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • categoryOfVesselRegistryLabel • categoryOfVesselRegistryType 		
Attributes	QName	Type	Use
	code	categoryOfVesselRegistryCode	required

Complex Type Applicability_categoryOfVesselRegistryType

Namespace	http://www.ihoint/S131/2.0		
Annotations	Restricted values of categoryOfVesselRegistry in Applicability		
Diagram			
Type	extension of Applicability_categoryOfVesselRegistryLabel		
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • Applicability_categoryOfVesselRegistryLabel • Applicability_categoryOfVesselRegistryType 		
Used by	Element	ApplicabilityType/categoryOfVesselRegistry	
Attributes	QName	Type	Use
	code	Applicability_categoryOfVesselRegistryCode	required

Complex Type categoryOfVoltageType

Namespace	http://www.ihoint/S131/2.0		
Annotations	The electrical voltage provided by the power supply station.		
Diagram			
Type	extension of categoryOfVoltageLabel		
Attributes	QName	Type	Use
	code	categoryOfVoltageCode	required

Type	extension of categoryOfVoltageLabel		
Type hierarchy	<ul style="list-style-type: none"> xs:string <ul style="list-style-type: none"> categoryOfVoltageLabel categoryOfVoltageType 		
Attributes	QName	Type	Use
	code	categoryOfVoltageCode	required

Complex Type Berth_categoryOfVoltageType

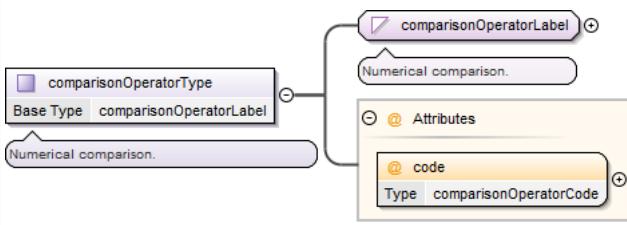
Namespace	http://www.aho.int/S131/2.0		
Annotations	Restricted values of categoryOfVoltage in Berth		
Diagram	<pre> classDiagram class Berth_categoryOfVoltageType { <<Base Type>> } class Berth_categoryOfVoltageLabel { <<Restricted values of categoryOfVoltage in Berth>> <<Custom enum: Berth/categoryOfVoltage>> <<Attributes>> <<@ code Type Berth_categoryOfVoltageCode>> } Berth_categoryOfVoltageType < -- Berth_categoryOfVoltageLabel </pre>		
Type	extension of Berth_categoryOfVoltageLabel		
Type hierarchy	<ul style="list-style-type: none"> xs:string <ul style="list-style-type: none"> Berth_categoryOfVoltageLabel Berth_categoryOfVoltageType 		
Used by	Element BerthType/categoryOfVoltage		
Attributes	QName	Type	Use
	code	Berth_categoryOfVoltageCode	required

Complex Type OnshorePowerFacility_categoryOfVoltageType

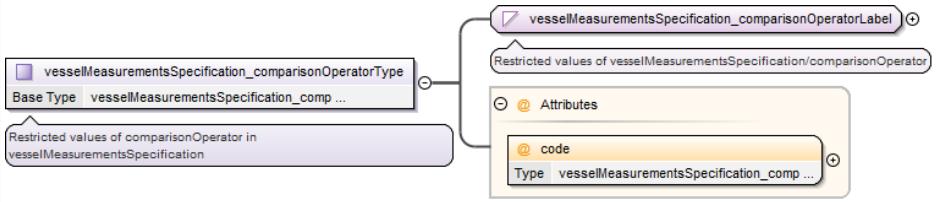
Namespace	http://www.aho.int/S131/2.0		
Annotations	Restricted values of categoryOfVoltage in OnshorePowerFacility		
Diagram	<pre> classDiagram class OnshorePowerFacility_categoryOfVoltageType { <<Base Type>> } class OnshorePowerFacility_categoryOfVoltageLabel { <<Restricted values of categoryOfVoltage in OnshorePowerFacility>> <<Custom enum: OnshorePowerFacility/categoryOfVoltage>> <<Attributes>> <<@ code Type OnshorePowerFacility_categoryOfVoltageCode>> } OnshorePowerFacility_categoryOfVoltageType < -- OnshorePowerFacility_categoryOfVoltageLabel </pre>		
Type	extension of OnshorePowerFacility_categoryOfVoltageLabel		
Type hierarchy	<ul style="list-style-type: none"> xs:string <ul style="list-style-type: none"> OnshorePowerFacility_categoryOfVoltageLabel OnshorePowerFacility_categoryOfVoltageType 		
Used by	Element OnshorePowerFacilityType/categoryOfVoltage		
Attributes	QName	Type	Use
	code	OnshorePowerFacility_categoryOfVoltageCode	required

Complex Type comparisonOperatorType

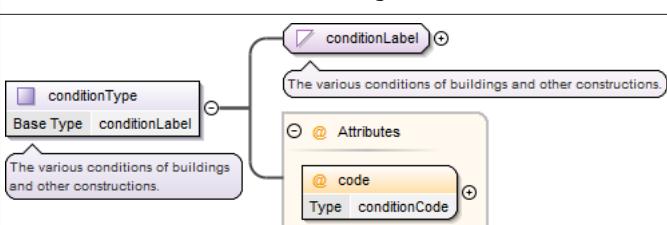
Namespace	http://www.aho.int/S131/2.0		
Annotations	Numerical comparison.		

Diagram							
Type	extension of comparisonOperatorLabel						
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • comparisonOperatorLabel • comparisonOperatorType 						
Attributes	<table border="1"> <thead> <tr> <th>QName</th><th>Type</th><th>Use</th></tr> </thead> <tbody> <tr> <td>code</td><td>comparisonOperatorCode</td><td>required</td></tr> </tbody> </table>	QName	Type	Use	code	comparisonOperatorCode	required
QName	Type	Use					
code	comparisonOperatorCode	required					

Complex Type vesselMeasurementsSpecification_comparisonOperatorType

Namespace	http://www.ihc.int/S131/2.0								
Annotations	Restricted values of comparisonOperator in vesselMeasurementsSpecification								
Diagram									
Type	extension of vesselMeasurementsSpecification_comparisonOperatorLabel								
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • vesselMeasurementsSpecification_comparisonOperatorLabel • vesselMeasurementsSpecification_comparisonOperatorType 								
Used by	Element vesselMeasurementsSpecificationType/comparisonOperator								
Attributes	<table border="1"> <thead> <tr> <th>QName</th><th>Type</th><th>Use</th></tr> </thead> <tbody> <tr> <td>code</td><td>vesselMeasurementsSpecification_comparisonOperatorCode</td><td>required</td></tr> </tbody> </table>			QName	Type	Use	code	vesselMeasurementsSpecification_comparisonOperatorCode	required
QName	Type	Use							
code	vesselMeasurementsSpecification_comparisonOperatorCode	required							

Complex Type conditionType

Namespace	http://www.ihc.int/S131/2.0								
Annotations	The various conditions of buildings and other constructions.								
Diagram									
Type	extension of conditionLabel								
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • conditionLabel • conditionType 								
Attributes	<table border="1"> <thead> <tr> <th>QName</th><th>Type</th><th>Use</th></tr> </thead> <tbody> <tr> <td>code</td><td>conditionCode</td><td>required</td></tr> </tbody> </table>			QName	Type	Use	code	conditionCode	required
QName	Type	Use							
code	conditionCode	required							

Complex Type constructionInformation_conditionType

Namespace	http://www.oho.int/S131/2.0						
Annotations	Restricted values of condition in constructionInformation						
Diagram	<pre> classDiagram class constructionInformation_conditionType { <<Base Type: constructionInformation_conditionLabel>> <<Attributes: @code
Type: constructionInformation_conditionCode>> } constructionInformation_conditionType < -- constructionInformation_conditionLabel </pre>						
Type	extension of constructionInformation_conditionLabel						
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • constructionInformation_conditionLabel • constructionInformation_conditionType 						
Used by	Element constructionInformationType/condition						
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>constructionInformation_conditionCode</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	code	constructionInformation_conditionCode	required
QName	Type	Use					
code	constructionInformation_conditionCode	required					

Complex Type dateEndType

Namespace	http://www.oho.int/S131/2.0
Annotations	The latest date on which an object (for example a buoy) will be present.
Diagram	<pre> classDiagram class dateEndType { <<Base Type: S100:S100_TrimmedDate>> <<Attributes: gDay, gMonth, gYear, gMonthDay, gYearMonth, date>> } dateEndType < -- S100:S100_TrimmedDate </pre> <p>built in date types from W3C XML schema, implementing S-100 truncated date</p>
Type	extension of S100_TrimmedDate
Type hierarchy	<ul style="list-style-type: none"> • S100_TrimmedDate <ul style="list-style-type: none"> • dateEndType
Used by	Elements fixedDateRangeType/dateEnd, periodicDateRangeType/dateEnd, surveyDateRangeType/dateEnd
Model	gDay gMonth gYear gMonthDay gYearMonth date

Complex Type dateFixedType

Namespace	http://www.oho.int/S131/2.0
Annotations	The date of an event.

Diagram	<p>The diagram shows the UML class <code>dateFixedType</code> with a base type of <code>S100:S100_TrimmedDate</code>. It has associations with <code>gDay</code>, <code>gMonth</code>, <code>gYear</code>, <code>gMonthDay</code>, <code>gYearMonth</code>, and <code>date</code>. A note indicates: "The date of an event."</p> <p><code>S100:S100_TrimmedDate (extension base)</code></p> <ul style="list-style-type: none"> <code>gDay</code> <code>gMonth</code> <code>gYear</code> <code>gMonthDay</code> <code>gYearMonth</code> <code>date</code> <p><code>built in date types from W3C XML schema, implementing S-100 truncated date</code></p>
Type	extension of <code>S100_TrimmedDate</code>
Type hierarchy	<ul style="list-style-type: none"> • <code>S100_TrimmedDate</code> <ul style="list-style-type: none"> • <code>dateFixedType</code>
Used by	Element <code>NonStandardWorkingDayType/dateFixed</code>
Model	<code>gDay</code> <code>gMonth</code> <code>gYear</code> <code>gMonthDay</code> <code>gYearMonth</code> <code>date</code>

Complex Type `dateStartType`

Namespace	http://www.ihc.int/S131/2.0
Annotations	The earliest date on which an object (for example a buoy) will be present.
Diagram	<p>The diagram shows the UML class <code>dateStartType</code> with a base type of <code>S100:S100_TrimmedDate</code>. It has associations with <code>gDay</code>, <code>gMonth</code>, <code>gYear</code>, <code>gMonthDay</code>, <code>gYearMonth</code>, and <code>date</code>. A note indicates: "The earliest date on which an object (for example a buoy) will be present."</p> <p><code>S100:S100_TrimmedDate (extension base)</code></p> <ul style="list-style-type: none"> <code>gDay</code> <code>gMonth</code> <code>gYear</code> <code>gMonthDay</code> <code>gYearMonth</code> <code>date</code> <p><code>built in date types from W3C XML schema, implementing S-100 truncated date</code></p>
Type	extension of <code>S100_TrimmedDate</code>
Type hierarchy	<ul style="list-style-type: none"> • <code>S100_TrimmedDate</code> <ul style="list-style-type: none"> • <code>dateStartType</code>
Used by	Elements <code>fixedDateRangeType/dateStart</code> , <code>periodicDateRangeType/dateStart</code> , <code>surveyDateRangeType/dateStart</code>
Model	<code>gDay</code> <code>gMonth</code> <code>gYear</code> <code>gMonthDay</code> <code>gYearMonth</code> <code>date</code>

Complex Type `dayOfWeekType`

Namespace	http://www.ihc.int/S131/2.0
Annotations	Any one of seven days in a week.
Diagram	<p>The diagram shows the UML class <code>dayOfWeekType</code> with a base type of <code>dayOfWeekLabel</code>. It has associations with <code>dayOfWeekLabel</code> and <code>@code</code>. A note indicates: "Any one of seven days in a week."</p> <p><code>dayOfWeekLabel</code></p> <p><code>Any one of seven days in a week.</code></p> <p><code>@ Attributes</code></p> <p><code>@ code</code></p> <p><code>Type dayOfWeekCode</code></p>
Type	extension of <code>dayOfWeekLabel</code>

Type hierarchy	<ul style="list-style-type: none"> xs:string <ul style="list-style-type: none"> dayOfWeekLabel dayOfWeekType 		
Attributes	QName	Type	Use
	code	dayOfWeekCode	required

Complex Type timeIntervalsByDayOfWeek_dayOfWeekType

Namespace	http://www.ihoint/S131/2.0		
Annotations	Restricted values of dayOfWeek in timeIntervalsByDayOfWeek		
Diagram	<pre> classDiagram class timeIntervalsByDayOfWeek_dayOfWeekType { <<Base Type: timeIntervalsByDayOfWeek_dayOfWeekLabel>> <<Restricted values of dayOfWeek in timeIntervalsByDayOfWeek>> @code } </pre>		
Type	extension of timeIntervalsByDayOfWeek_dayOfWeekLabel		
Type hierarchy	<ul style="list-style-type: none"> xs:string <ul style="list-style-type: none"> timeIntervalsByDayOfWeek_dayOfWeekLabel timeIntervalsByDayOfWeek_dayOfWeekType 		
Used by	Element timeIntervalsByDayOfWeekType/dayOfWeek		
Attributes	QName	Type	Use
	code	timeIntervalsByDayOfWeek_dayOfWeekCode	required

Complex Type dynamicResourceType

Namespace	http://www.ihoint/S131/2.0		
Annotations	Whether a vessel must use a shore-based or other resource to obtain up-to-date information.		
Diagram	<pre> classDiagram class dynamicResourceType { <<Base Type: dynamicResourceLabel>> <<Whether a vessel must use a shore-based or other resource to obtain up-to-date information.>> @code } </pre>		
Type	extension of dynamicResourceLabel		
Type hierarchy	<ul style="list-style-type: none"> xs:string <ul style="list-style-type: none"> dynamicResourceLabel dynamicResourceType 		
Attributes	QName	Type	Use
	code	dynamicResourceCode	required

Complex Type weatherResource_dynamicResourceType

Namespace	http://www.ihoint/S131/2.0		
Annotations	Restricted values of dynamicResource in weatherResource		

Diagram							
Type	extension of weatherResource_dynamicResourceLabel						
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • weatherResource_dynamicResourceLabel • weatherResource_dynamicResourceType 						
Used by	Element weatherResourceType/dynamicResource						
Attributes	<table border="1"> <thead> <tr> <th>QName</th><th>Type</th><th>Use</th></tr> </thead> <tbody> <tr> <td>code</td><td>weatherResource_dynamicResourceCode</td><td>required</td></tr> </tbody> </table>	QName	Type	Use	code	weatherResource_dynamicResourceCode	required
QName	Type	Use					
code	weatherResource_dynamicResourceCode	required					

Complex Type **firefightingServiceType**

Namespace	http://www.aho.int/S131/2.0								
Annotations	Services for combating fires, provided by different methods.								
Diagram									
Type	extension of firefightingServiceLabel								
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • firefightingServiceLabel • firefightingServiceType 								
Attributes	<table border="1"> <thead> <tr> <th>QName</th><th>Type</th><th>Use</th></tr> </thead> <tbody> <tr> <td>code</td><td>firefightingServiceCode</td><td>required</td></tr> </tbody> </table>			QName	Type	Use	code	firefightingServiceCode	required
QName	Type	Use							
code	firefightingServiceCode	required							

Complex Type **AvailablePortServices_firefightingServiceType**

Namespace	http://www.aho.int/S131/2.0		
Annotations	Restricted values of firefightingService in AvailablePortServices		
Diagram			
Type	extension of AvailablePortServices_firefightingServiceLabel		
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • AvailablePortServices_firefightingServiceLabel • AvailablePortServices_firefightingServiceType 		
Used by	Element AvailablePortServicesType/firefightingService		

Attributes	QName	Type	Use
	code	AvailablePortServices_fire-fightingServiceCode	required

Complex Type iSPSLevelType

Namespace	http://www.ihc.int/S131/2.0		
Annotations	Classification of ISPS security levels according to the ISPS Code.		
Diagram			
Type	extension of iSPSLevelLabel		
Type hierarchy	<ul style="list-style-type: none"> • xs:string • iSPSLevelLabel • iSPSLevelType 		
Attributes	QName	Type	Use
	code	iSPSLevelCode	required

Complex Type AnchorageArea_iSPSLevelType

Namespace	http://www.ihc.int/S131/2.0		
Annotations	Restricted values of iSPSLevel in AnchorageArea		
Diagram			
Type	extension of AnchorageArea_iSPSLevelLabel		
Type hierarchy	<ul style="list-style-type: none"> • xs:string • AnchorageArea_iSPSLevelLabel • AnchorageArea_iSPSLevelType 		
Used by	Element AnchorageAreaType/iSPSLevel		
Attributes	QName	Type	Use
	code	AnchorageArea_iSPSLevelCode	required

Complex Type DockArea_iSPSLevelType

Namespace	http://www.ihc.int/S131/2.0		
Annotations	Restricted values of iSPSLevel in DockArea		
Diagram			

Type	extension of DockArea_iSPSLevelLabel		
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • DockArea_iSPSLevelLabel • DockArea_iSPSLevelType 		
Used by	Element DockAreaType/iSPSLevel		
Attributes	QName	Type	Use
	code	DockArea_iSPSLevelCode	required

Complex Type DumpingGround_iSPSLevelType

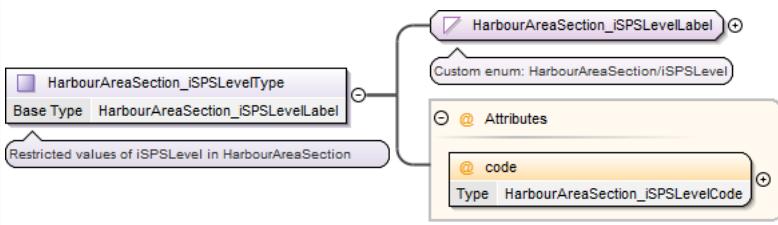
Namespace	http://www.ih0.int/S131/2.0		
Annotations	Restricted values of iSPSLevel in DumpingGround		
Diagram	<pre> classDiagram class DumpingGround_iSPSLevelType { <<Base Type>> DockArea_iSPSLevelLabel <<Restricted values of iSPSLevel in DumpingGround>> <<Custom enum: DumpingGround/iSPSLevel>> <<@ Attributes>> <<@ code>> DumpingGround_iSPSLevelCode } </pre>		
Type	extension of DockArea_iSPSLevelLabel		
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • DockArea_iSPSLevelLabel • DockArea_iSPSLevelType 		
Used by	Element DumpingGroundType/iSPSLevel		
Attributes	QName	Type	Use
	code	DumpingGround_iSPSLevelCode	required

Complex Type HarbourAreaAdministrative_iSPSLevelType

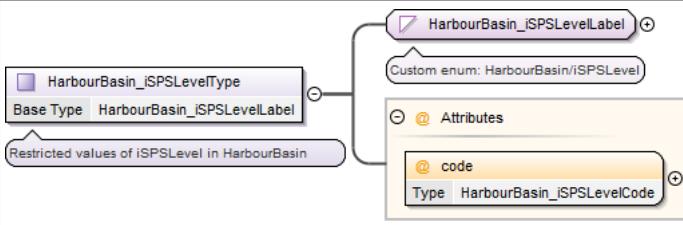
Namespace	http://www.ih0.int/S131/2.0		
Annotations	Restricted values of iSPSLevel in HarbourAreaAdministrative		
Diagram	<pre> classDiagram class HarbourAreaAdministrative_iSPSLevelType { <<Base Type>> HarbourAreaAdministrative_iSPSLevelLabel <<Restricted values of iSPSLevel in HarbourAreaAdministrative>> <<Custom enum: HarbourAreaAdministrative/iSPSLevel>> <<@ Attributes>> <<@ code>> HarbourAreaAdministrative_iSPSLevelCode } </pre>		
Type	extension of HarbourAreaAdministrative_iSPSLevelLabel		
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • HarbourAreaAdministrative_iSPSLevelLabel • HarbourAreaAdministrative_iSPSLevelType 		
Used by	Element HarbourAreaAdministrativeType/iSPSLevel		
Attributes	QName	Type	Use
	code	HarbourAreaAdministrative_iSPSLevelCode	required

Complex Type HarbourAreaSection_iSPSLevelType

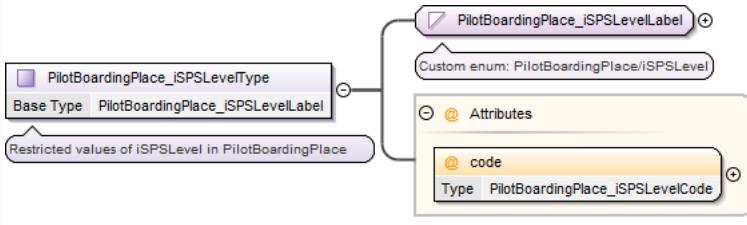
Namespace	http://www.ih0.int/S131/2.0		
Annotations	Restricted values of iSPSLevel in HarbourAreaSection		

Diagram							
Type	extension of HarbourAreaSection_iSPSLevelLabel						
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • HarbourAreaSection_iSPSLevelLabel • HarbourAreaSection_iSPSLevelType 						
Used by	Element HarbourAreaSectionType/iSPSLevel						
Attributes	<table border="1"> <thead> <tr> <th>QName</th><th>Type</th><th>Use</th></tr> </thead> <tbody> <tr> <td>code</td><td>HarbourAreaSection_iSPSLevelCode</td><td>required</td></tr> </tbody> </table>	QName	Type	Use	code	HarbourAreaSection_iSPSLevelCode	required
QName	Type	Use					
code	HarbourAreaSection_iSPSLevelCode	required					

Complex Type HarbourBasin_iSPSLevelType

Namespace	http://www.ihc.int/S131/2.0								
Annotations	Restricted values of iSPSLevel in HarbourBasin								
Diagram									
Type	extension of HarbourBasin_iSPSLevelLabel								
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • HarbourBasin_iSPSLevelLabel • HarbourBasin_iSPSLevelType 								
Used by	Element HarbourBasinType/iSPSLevel								
Attributes	<table border="1"> <thead> <tr> <th>QName</th><th>Type</th><th>Use</th></tr> </thead> <tbody> <tr> <td>code</td><td>HarbourBasin_iSPSLevelCode</td><td>required</td></tr> </tbody> </table>			QName	Type	Use	code	HarbourBasin_iSPSLevelCode	required
QName	Type	Use							
code	HarbourBasin_iSPSLevelCode	required							

Complex Type PilotBoardingPlace_iSPSLevelType

Namespace	http://www.ihc.int/S131/2.0		
Annotations	Restricted values of iSPSLevel in PilotBoardingPlace		
Diagram			
Type	extension of PilotBoardingPlace_iSPSLevelLabel		
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • PilotBoardingPlace_iSPSLevelLabel • PilotBoardingPlace_iSPSLevelType 		
Used by	Element PilotBoardingPlaceType/iSPSLevel		

Attributes	QName	Type	Use	
	code	PilotBoarding-Place_iSPSLevelCode	required	

Complex Type SeaplaneLandingArea_iSPSLevelType

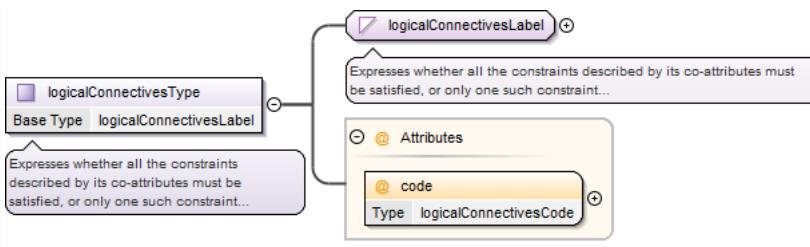
Namespace	http://www.ihc.int/S131/2.0											
Annotations	Restricted values of iSPSLevel in SeaplaneLandingArea											
Diagram	<pre> classDiagram class SeaplaneLandingArea_iSPSLevelType { <<SeaplaneLandingArea_iSPSLevelLabel>> <<@code : SeaplaneLandingArea_iSPSLevelCode>> } SeaplaneLandingArea_iSPSLevelType < -- SeaplaneLandingArea_iSPSLevelLabel SeaplaneLandingArea_iSPSLevelLabel <<Custom enum: SeaplaneLandingArea/iSPSLevel>> <<@ Attributes>> <<@code : SeaplaneLandingArea_iSPSLevelCode>> </pre>											
Type	extension of SeaplaneLandingArea_iSPSLevelLabel											
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • SeaplaneLandingArea_iSPSLevelLabel • SeaplaneLandingArea_iSPSLevelType 											
Used by	Element SeaplaneLandingAreaType/iSPSLevel											
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>code</td> <td>SeaplaneLandingArea_iSPSLevelCode</td> <td>required</td> <td></td> </tr> </tbody> </table>				QName	Type	Use		code	SeaplaneLandingArea_iSPSLevelCode	required	
QName	Type	Use										
code	SeaplaneLandingArea_iSPSLevelCode	required										

Complex Type TurningBasin_iSPSLevelType

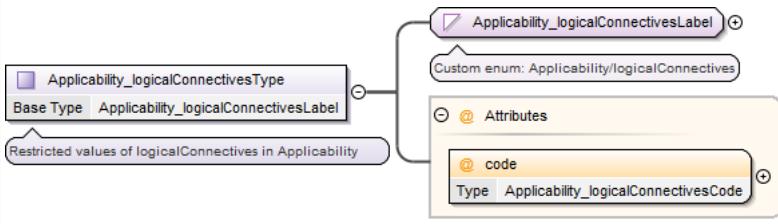
Namespace	http://www.ihc.int/S131/2.0											
Annotations	Restricted values of iSPSLevel in TurningBasin											
Diagram	<pre> classDiagram class TurningBasin_iSPSLevelType { <<TurningBasin_iSPSLevelLabel>> <<@code : TurningBasin_iSPSLevelCode>> } TurningBasin_iSPSLevelType < -- TurningBasin_iSPSLevelLabel TurningBasin_iSPSLevelLabel <<Custom enum: TurningBasin/iSPSLevel>> <<@ Attributes>> <<@code : TurningBasin_iSPSLevelCode>> </pre>											
Type	extension of TurningBasin_iSPSLevelLabel											
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • TurningBasin_iSPSLevelLabel • TurningBasin_iSPSLevelType 											
Used by	Element TurningBasinType/iSPSLevel											
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>code</td> <td>TurningBasin_iSPSLevelCode</td> <td>required</td> <td></td> </tr> </tbody> </table>				QName	Type	Use		code	TurningBasin_iSPSLevelCode	required	
QName	Type	Use										
code	TurningBasin_iSPSLevelCode	required										

Complex Type logicalConnectivesType

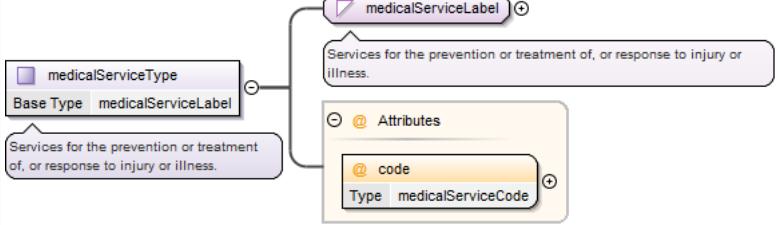
Namespace	http://www.ihc.int/S131/2.0			
Annotations	Expresses whether all the constraints described by its co-attributes must be satisfied, or only one such constraint need be satisfied.			

Diagram							
Type	extension of logicalConnectivesLabel						
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • logicalConnectivesLabel • logicalConnectivesType 						
Attributes	<table border="1"> <thead> <tr> <th>QName</th><th>Type</th><th>Use</th></tr> </thead> <tbody> <tr> <td>code</td><td>logicalConnectivesCode</td><td>required</td></tr> </tbody> </table>	QName	Type	Use	code	logicalConnectivesCode	required
QName	Type	Use					
code	logicalConnectivesCode	required					

Complex Type Applicability_logicalConnectivesType

Namespace	http://www.aho.int/S131/2.0								
Annotations	Restricted values of logicalConnectives in Applicability								
Diagram									
Type	extension of Applicability_logicalConnectivesLabel								
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • Applicability_logicalConnectivesLabel • Applicability_logicalConnectivesType 								
Used by	Element ApplicationType/logicalConnectives								
Attributes	<table border="1"> <thead> <tr> <th>QName</th><th>Type</th><th>Use</th></tr> </thead> <tbody> <tr> <td>code</td><td>Applicability_logicalConnectivesCode</td><td>required</td></tr> </tbody> </table>	QName	Type	Use	code	Applicability_logicalConnectivesCode	required		
QName	Type	Use							
code	Applicability_logicalConnectivesCode	required							

Complex Type medicalServiceType

Namespace	http://www.aho.int/S131/2.0								
Annotations	Services for the prevention or treatment of, or response to injury or illness.								
Diagram									
Type	extension of medicalServiceLabel								
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • medicalServiceLabel • medicalServiceType 								
Attributes	<table border="1"> <thead> <tr> <th>QName</th><th>Type</th><th>Use</th></tr> </thead> <tbody> <tr> <td>code</td><td>medicalServiceCode</td><td>required</td></tr> </tbody> </table>	QName	Type	Use	code	medicalServiceCode	required		
QName	Type	Use							
code	medicalServiceCode	required							

Complex Type AvailablePortServices_medicalServiceType

Namespace	http://www.ihc.int/S131/2.0								
Annotations	Restricted values of medicalService in AvailablePortServices								
Diagram	<pre> classDiagram AvailablePortServices_medicalServiceType < -- AvailablePortServices_medicalServiceLabel AvailablePortServices_medicalServiceLabel { Custom enum: AvailablePortServices/medicalService @ Attributes @ code Type AvailablePortServices_medicalServiceCode } </pre>								
Type	extension of AvailablePortServices_medicalServiceLabel								
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • AvailablePortServices_medicalServiceLabel • AvailablePortServices_medicalServiceType 								
Used by	Element AvailablePortServicesType/medicalService								
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>AvailablePortServices_medicalServiceCode</td> <td>required</td> </tr> </tbody> </table>			QName	Type	Use	code	AvailablePortServices_medicalServiceCode	required
QName	Type	Use							
code	AvailablePortServices_medicalServiceCode	required							

Complex Type membershipType

Namespace	http://www.ihc.int/S131/2.0								
Annotations	Indicates whether a vessel is included or excluded from the regulation/restriction/recommendation/nautical information.								
Diagram	<pre> classDiagram membershipType < -- membershipLabel membershipLabel { Custom enum: membershipType/membership @ Attributes @ code Type membershipCode } </pre>								
Type	extension of membershipLabel								
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • membershipLabel • membershipType 								
Used by	Element InclusionTypeType/membership								
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>membershipCode</td> <td>required</td> </tr> </tbody> </table>			QName	Type	Use	code	membershipCode	required
QName	Type	Use							
code	membershipCode	required							

Complex Type InclusionType_membershipType

Namespace	http://www.ihc.int/S131/2.0		
Annotations	Restricted values of membership in InclusionType		
Diagram	<pre> classDiagram InclusionType_membershipType < -- InclusionType_membershipLabel InclusionType_membershipLabel { Custom enum: InclusionType/membership @ Attributes @ code Type InclusionType_membershipCode } </pre>		

Type	extension of InclusionType_membershipLabel		
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • InclusionType_membershipLabel • InclusionType_membershipType 		
Attributes	QName	Type	Use
	code	InclusionType_membershipCode	required

Complex Type methodOfSecuringType

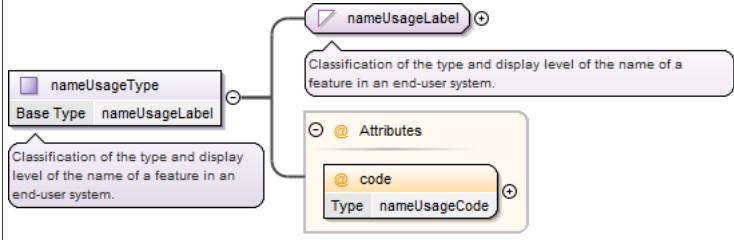
Namespace	http://www.ihoint/S131/2.0		
Annotations	The process, arrangement or scheme of attachment used to secure a vessel to a berth.		
Diagram	<pre> classDiagram class methodOfSecuringType { <<Base Type>> } class methodOfSecuringLabel { <<The process, arrangement or scheme of attachment used to secure a vessel to a berth.>> <<@ Attributes>> attribute code : methodOfSecuringCode } methodOfSecuringType < -- methodOfSecuringLabel </pre>		
Type	extension of methodOfSecuringLabel		
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • methodOfSecuringLabel • methodOfSecuringType 		
Attributes	QName	Type	Use
	code	methodOfSecuringCode	required

Complex Type Berth_methodOfSecuringType

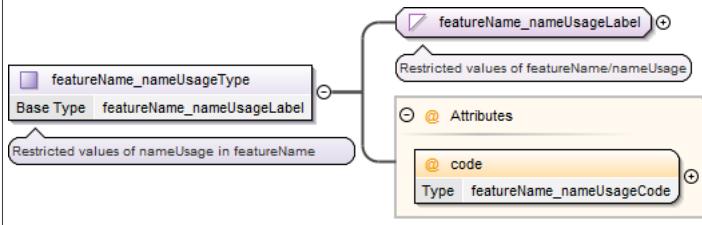
Namespace	http://www.ihoint/S131/2.0		
Annotations	Restricted values of methodOfSecuring in Berth		
Diagram	<pre> classDiagram class Berth_methodOfSecuringType { <<Base Type>> } class Berth_methodOfSecuringLabel { <<Custom enum: Berth/methodOfSecuring>> <<@ Attributes>> attribute code : Berth_methodOfSecuringCode } Berth_methodOfSecuringType < -- Berth_methodOfSecuringLabel </pre>		
Type	extension of Berth_methodOfSecuringLabel		
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • Berth_methodOfSecuringLabel • Berth_methodOfSecuringType 		
Used by	Element BerthType/methodOfSecuring		
Attributes	QName	Type	Use
	code	Berth_methodOfSecuringCode	required

Complex Type nameUsageType

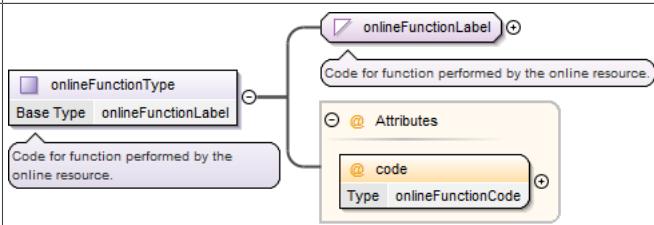
Namespace	http://www.ihoint/S131/2.0		
Annotations	Classification of the type and display level of the name of a feature in an end-user system.		

Diagram							
Type	extension of nameUsageLabel						
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • nameUsageLabel • nameUsageType 						
Attributes	<table border="1"> <thead> <tr> <th>QName</th><th>Type</th><th>Use</th></tr> </thead> <tbody> <tr> <td>code</td><td>nameUsageCode</td><td>required</td></tr> </tbody> </table>	QName	Type	Use	code	nameUsageCode	required
QName	Type	Use					
code	nameUsageCode	required					

Complex Type `featureName_nameUsageType`

Namespace	http://www.aho.int/S131/2.0								
Annotations	Restricted values of nameUsage in featureName								
Diagram									
Type	extension of featureName_nameUsageLabel								
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • featureName_nameUsageLabel • featureName_nameUsageType 								
Used by	Element	featureNameType/nameUsage							
Attributes	<table border="1"> <thead> <tr> <th>QName</th><th>Type</th><th>Use</th></tr> </thead> <tbody> <tr> <td>code</td><td>featureName_nameUsageCode</td><td>required</td></tr> </tbody> </table>	QName	Type	Use	code	featureName_nameUsageCode	required		
QName	Type	Use							
code	featureName_nameUsageCode	required							

Complex Type `onlineFunctionType`

Namespace	http://www.aho.int/S131/2.0								
Annotations	Code for function performed by the online resource.								
Diagram									
Type	extension of onlineFunctionLabel								
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • onlineFunctionLabel • onlineFunctionType 								
Attributes	<table border="1"> <thead> <tr> <th>QName</th><th>Type</th><th>Use</th></tr> </thead> <tbody> <tr> <td>code</td><td>onlineFunctionCode</td><td>required</td></tr> </tbody> </table>	QName	Type	Use	code	onlineFunctionCode	required		
QName	Type	Use							
code	onlineFunctionCode	required							

Complex Type onlineResource_onlineFunctionType

Namespace	http://www.ihc.int/S131/2.0								
Annotations	Restricted values of onlineFunction in onlineResource								
Diagram	<pre> classDiagram class onlineResource_onlineFunctionType { <<onlineResource_onlineFunctionLabel>> <<Restricted values of onlineResource/onlineFunction>> <<Attributes>> <<@ code Type onlineResource_onlineFunctionCode>> } onlineResource_onlineFunctionType < -- onlineResource_onlineFunctionLabel </pre>								
Type	extension of onlineResource_onlineFunctionLabel								
Type hierarchy	<ul style="list-style-type: none"> xs:string <ul style="list-style-type: none"> onlineResource_onlineFunctionLabel onlineResource_onlineFunctionType 								
Used by	Element onlineResourceType/onlineFunction								
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>onlineResource_onlineFunctionCode</td> <td>required</td> </tr> </tbody> </table>			QName	Type	Use	code	onlineResource_onlineFunctionCode	required
QName	Type	Use							
code	onlineResource_onlineFunctionCode	required							

Complex Type pilotMovementType

Namespace	http://www.ihc.int/S131/2.0								
Annotations	Classification of pilot activity by arrival, departure, or change of pilot. It may also describe the place where the pilot's advice begins, ends, or is transferred to a different pilot.								
Diagram	<pre> classDiagram class pilotMovementType { <<pilotMovementLabel>> <<Classification of pilot activity by arrival, departure, or change of pilot. It may also describe the place where the...>> <<Attributes>> <<@ code Type pilotMovementCode>> } pilotMovementType < -- pilotMovementLabel </pre>								
Type	extension of pilotMovementLabel								
Type hierarchy	<ul style="list-style-type: none"> xs:string <ul style="list-style-type: none"> pilotMovementLabel pilotMovementType 								
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>pilotMovementCode</td> <td>required</td> </tr> </tbody> </table>			QName	Type	Use	code	pilotMovementCode	required
QName	Type	Use							
code	pilotMovementCode	required							

Complex Type PilotBoardingPlace_pilotMovementType

Namespace	http://www.ihc.int/S131/2.0		
Annotations	Restricted values of pilotMovement in PilotBoardingPlace		
Diagram	<pre> classDiagram class PilotBoardingPlace_pilotMovementType { <<PilotBoardingPlace_pilotMovementLabel>> <<Custom enum: PilotBoardingPlace/pilotMovement>> <<Attributes>> <<@ code Type PilotBoardingPlace_pilotMovementCode>> } PilotBoardingPlace_pilotMovementType < -- PilotBoardingPlace_pilotMovementLabel </pre>		
Type	extension of PilotBoardingPlace_pilotMovementLabel		

Type hierarchy	<ul style="list-style-type: none"> xs:string <ul style="list-style-type: none"> PilotBoardingPlace_pilotMovementLabel PilotBoardingPlace_pilotMovementType 						
Used by	Element PilotBoardingPlaceType/pilotMovement						
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>PilotBoardingPlace_pilotMovementCode</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	code	PilotBoardingPlace_pilotMovementCode	required
QName	Type	Use					
code	PilotBoardingPlace_pilotMovementCode	required					

Complex Type productType

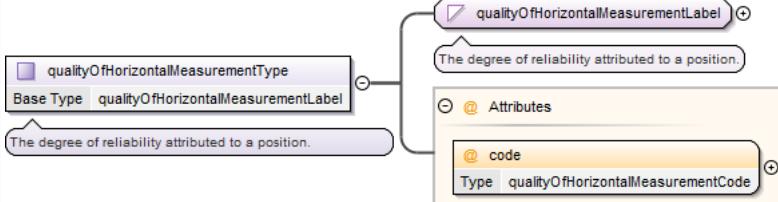
Namespace	http://www.ihoint/S131/2.0								
Annotations	The various substances which are transported, stored or exploited.								
Diagram	<pre> classDiagram productType < -- productLabel productLabel "1..1" --> code : code code "1..1" --> productCode : productCode note over productLabel: The various substances which are transported, stored or exploited. </pre>								
Type	extension of productLabel								
Type hierarchy	<ul style="list-style-type: none"> xs:string <ul style="list-style-type: none"> productLabel productType 								
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>productCode</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	code	productCode	required		
QName	Type	Use							
code	productCode	required							

Complex Type Terminal_productType

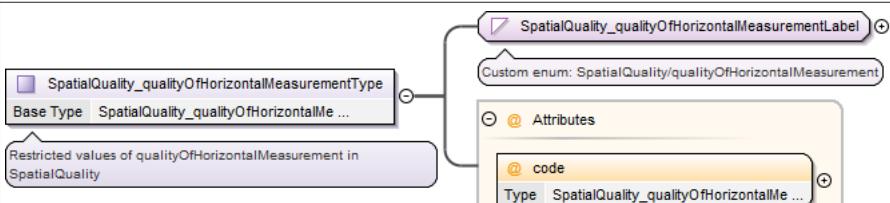
Namespace	http://www.ihoint/S131/2.0								
Annotations	Restricted values of product in Terminal								
Diagram	<pre> classDiagram Terminal_productType < -- Terminal_productLabel Terminal_productLabel "1..1" --> code : code code "1..1" --> Terminal_productCode : Terminal_productCode note over Terminal_productLabel: Custom enum: Terminal/product </pre>								
Type	extension of Terminal_productLabel								
Type hierarchy	<ul style="list-style-type: none"> xs:string <ul style="list-style-type: none"> Terminal_productLabel Terminal_productType 								
Used by	Element TerminalType/product								
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>Terminal_productCode</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	code	Terminal_productCode	required		
QName	Type	Use							
code	Terminal_productCode	required							

Complex Type qualityOfHorizontalMeasurementType

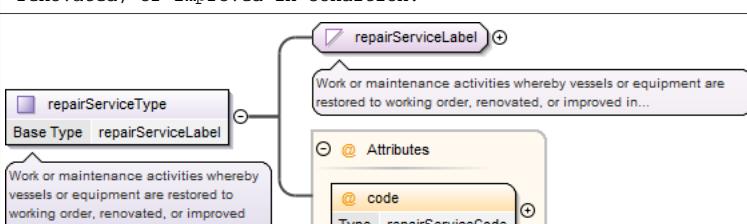
Namespace	http://www.ihoint/S131/2.0		
Annotations	The degree of reliability attributed to a position.		

Diagram							
Type	extension of qualityOfHorizontalMeasurementLabel						
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • qualityOfHorizontalMeasurementLabel • qualityOfHorizontalMeasurementType 						
Attributes	<table border="1"> <thead> <tr> <th>QName</th><th>Type</th><th>Use</th></tr> </thead> <tbody> <tr> <td>code</td><td>qualityOfHorizontalMeasurementCode</td><td>required</td></tr> </tbody> </table>	QName	Type	Use	code	qualityOfHorizontalMeasurementCode	required
QName	Type	Use					
code	qualityOfHorizontalMeasurementCode	required					

Complex Type SpatialQuality_qualityOfHorizontalMeasurementType

Namespace	http://www.ihc.int/S131/2.0						
Annotations	Restricted values of qualityOfHorizontalMeasurement in SpatialQuality						
Diagram							
Type	extension of SpatialQuality_qualityOfHorizontalMeasurementLabel						
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • SpatialQuality_qualityOfHorizontalMeasurementLabel • SpatialQuality_qualityOfHorizontalMeasurementType 						
Used by	Element SpatialQualityType/qualityOfHorizontalMeasurement						
Attributes	<table border="1"> <thead> <tr> <th>QName</th><th>Type</th><th>Use</th></tr> </thead> <tbody> <tr> <td>code</td><td>SpatialQuality_qualityOfHorizontalMeasurementCode</td><td>required</td></tr> </tbody> </table>	QName	Type	Use	code	SpatialQuality_qualityOfHorizontalMeasurementCode	required
QName	Type	Use					
code	SpatialQuality_qualityOfHorizontalMeasurementCode	required					

Complex Type repairServiceType

Namespace	http://www.ihc.int/S131/2.0
Annotations	Work or maintenance activities whereby vessels or equipment are restored to working order, renovated, or improved in condition.
Diagram	
Type	extension of repairServiceLabel
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • repairServiceLabel • repairServiceType

Attributes	QName	Type	Use
	code	repairServiceCode	required

Complex Type AvailablePortServices_repairServiceType

Namespace	http://www.oho.int/S131/2.0		
Annotations	Restricted values of repairService in AvailablePortServices		
Diagram	<pre> classDiagram AvailablePortServices_repairServiceType < -- AvailablePortServices_repairServiceLabel AvailablePortServices_repairServiceLabel < -- AvailablePortServices_repairServiceLabel AvailablePortServices_repairServiceLabel { @code : AvailablePortServices_repairServiceCode } </pre>		
Type	extension of AvailablePortServices_repairServiceLabel		
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • AvailablePortServices_repairServiceLabel • AvailablePortServices_repairServiceType 		
Used by	Element AvailablePortServicesType/repairService		
Attributes	QName	Type	Use
	code	AvailablePortServices_repairServiceCode	required

Complex Type reportedDateType

Namespace	http://www.oho.int/S131/2.0		
Annotations	The date that the item was observed, done, or investigated.		
Diagram	<pre> classDiagram reportedDateType < -- S100_S100_TrimmedDate S100_S100_TrimmedDate { gDay gMonth gYear gMonthDay gYearMonth date } </pre> <p>The date that the item was observed, done, or investigated.</p>		
Type	extension of S100_TrimmedDate		
Type hierarchy	<ul style="list-style-type: none"> • S100_TrimmedDate <ul style="list-style-type: none"> • reportedDateType 		
Used by	Element sourceIndicationType/reportedDate		
Model	gDay gMonth gYear gMonthDay gYearMonth date		

Complex Type shipSanitationControlType

Namespace	http://www.oho.int/S131/2.0		
Annotations	Application of measures to ensure that a vessel is free of disease and disease risks, or issue of completion or exemption certificates for such measures.		

Diagram	<pre> classDiagram class shipSanitationControlType { <<shipSanitationControlType>> Base Type: shipSanitationControlLabel } class shipSanitationControlLabel { <<Application of measures to ensure that a vessel is free of disease and disease risks, or issue of completion or...>> } shipSanitationControlType "1..>" shipSanitationControlLabel class Attributes { <<@ Attributes>> code } class shipSanitationControlCode { <<Type>> } Attributes "1..>" shipSanitationControlCode </pre>						
Type	extension of shipSanitationControlLabel						
Type hierarchy	<ul style="list-style-type: none"> xs:string <ul style="list-style-type: none"> shipSanitationControlLabel shipSanitationControlType 						
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>shipSanitationControlCode</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	code	shipSanitationControlCode	required
QName	Type	Use					
code	shipSanitationControlCode	required					

Complex Type AvailablePortServices_shipSanitationControlType

Namespace	http://www.oho.int/S131/2.0								
Annotations	Restricted values of shipSanitationControl in AvailablePortServices								
Diagram	<pre> classDiagram class AvailablePortServices_shipSanitationControlType { <<AvailablePortServices_shipSanitationControlType>> Base Type: AvailablePortServices_shipSanitation ... } class AvailablePortServices_shipSanitationControlLabel { <<Custom enum: AvailablePortServices/shipSanitationControl>> } AvailablePortServices_shipSanitationControlType "1..>" AvailablePortServices_shipSanitationControlLabel class Attributes { <<@ Attributes>> code } class AvailablePortServices_shipSanitationControlCode { <<Type>> } Attributes "1..>" AvailablePortServices_shipSanitationControlCode </pre>								
Type	extension of AvailablePortServices_shipSanitationControlLabel								
Type hierarchy	<ul style="list-style-type: none"> xs:string <ul style="list-style-type: none"> AvailablePortServices_shipSanitationControlLabel AvailablePortServices_shipSanitationControlType 								
Used by	Element AvailablePortServicesType/shipSanitationControl								
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>AvailablePortServices_shipSanitationControlCode</td> <td>required</td> </tr> </tbody> </table>			QName	Type	Use	code	AvailablePortServices_shipSanitationControlCode	required
QName	Type	Use							
code	AvailablePortServices_shipSanitationControlCode	required							

Complex Type sourceTypeType

Namespace	http://www.oho.int/S131/2.0								
Annotations	Type of the source.								
Diagram	<pre> classDiagram class sourceTypeType { <<sourceTypeType>> Base Type: sourceTypeLabel } class sourceTypeLabel { <<Type of the source.>> } sourceTypeType "1..>" sourceTypeLabel class Attributes { <<@ Attributes>> code } class sourceTypeCode { <<Type>> } Attributes "1..>" sourceTypeCode </pre>								
Type	extension of sourceTypeLabel								
Type hierarchy	<ul style="list-style-type: none"> xs:string <ul style="list-style-type: none"> sourceTypeLabel sourceTypeType 								
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>sourceTypeCode</td> <td>required</td> </tr> </tbody> </table>			QName	Type	Use	code	sourceTypeCode	required
QName	Type	Use							
code	sourceTypeCode	required							

Complex Type sourceIndication_sourceTypeType

Namespace	http://www.ihc.int/S131/2.0								
Annotations	Restricted values of sourceType in sourceIndication								
Diagram	<pre> classDiagram class sourceIndication_sourceTypeType { <<sourceIndication_sourceTypeLabel>> <<code>> <<sourceIndication_sourceTypeCode>> } sourceIndication_sourceTypeType < -- sourceIndication_sourceTypeLabel sourceIndication_sourceTypeLabel < -- code sourceIndication_sourceTypeLabel < -- sourceIndication_sourceTypeCode </pre>								
Type	extension of sourceIndication_sourceTypeLabel								
Type hierarchy	<ul style="list-style-type: none"> xs:string <ul style="list-style-type: none"> sourceIndication_sourceTypeLabel sourceIndication_sourceTypeType 								
Used by	Element sourceIndicationType/sourceType								
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>sourceIndication_sourceTypeCode</td> <td>required</td> </tr> </tbody> </table>			QName	Type	Use	code	sourceIndication_sourceTypeCode	required
QName	Type	Use							
code	sourceIndication_sourceTypeCode	required							

Complex Type supplyServiceType

Namespace	http://www.ihc.int/S131/2.0								
Annotations	Classification of services for the provision of materials, goods, utilities, or personal services to vessels, passengers, or crew.								
Diagram	<pre> classDiagram class supplyServiceType { <<supplyServiceLabel>> <<code>> <<supplyServiceCode>> } supplyServiceType < -- supplyServiceLabel supplyServiceLabel < -- code supplyServiceLabel < -- supplyServiceCode </pre>								
Type	extension of supplyServiceLabel								
Type hierarchy	<ul style="list-style-type: none"> xs:string <ul style="list-style-type: none"> supplyServiceLabel supplyServiceType 								
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>supplyServiceCode</td> <td>required</td> </tr> </tbody> </table>			QName	Type	Use	code	supplyServiceCode	required
QName	Type	Use							
code	supplyServiceCode	required							

Complex Type AvailablePortServices_supplyServiceType

Namespace	http://www.ihc.int/S131/2.0		
Annotations	Restricted values of supplyService in AvailablePortServices		
Diagram	<pre> classDiagram class AvailablePortServices_supplyServiceType { <<AvailablePortServices_supplyServiceLabel>> <<code>> <<AvailablePortServices_supplyServiceCode>> } AvailablePortServices_supplyServiceType < -- AvailablePortServices_supplyServiceLabel AvailablePortServices_supplyServiceLabel < -- code AvailablePortServices_supplyServiceLabel < -- AvailablePortServices_supplyServiceCode </pre>		
Type	extension of AvailablePortServices_supplyServiceLabel		

Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • AvailablePortServices_supplyServiceLabel • AvailablePortServices_supplyServiceType 						
Used by	Element AvailablePortServicesType/supplyService						
Attributes	<table border="1"> <thead> <tr> <th>QName</th><th>Type</th><th>Use</th></tr> </thead> <tbody> <tr> <td>code</td><td>AvailablePortServices_supplyServiceCode</td><td>required</td></tr> </tbody> </table>	QName	Type	Use	code	AvailablePortServices_supplyServiceCode	required
QName	Type	Use					
code	AvailablePortServices_supplyServiceCode	required					

Complex Type technicalPortServiceType

Namespace	http://www.ihc.int/S131/2.0								
Annotations	Services for the adjustment of vessel equipment or for assessments pertaining to cargo, compliance with regulations, safety, or security.								
Diagram	<pre> graph LR A[technicalPortServiceType] --> B[AvailablePortServices_technicalPortServiceLabel] B --> C[AvailablePortServices_technicalPortServiceLabel] C --> D[Attributes] D --> E[code] </pre> <p>The diagram illustrates the structure of the <code>technicalPortServiceType</code>. It starts with a box labeled <code>technicalPortServiceType</code> which is identified as the <code>Base Type</code> for <code>technicalPortServiceLabel</code>. An arrow points from this box to another box labeled <code>AvailablePortServices_technicalPortServiceLabel</code>, which is also identified as the <code>Base Type</code> for <code>technicalPortServiceType</code>. From this second box, an arrow points to a third box labeled <code>Attributes</code>. Inside the <code>Attributes</code> box is a sub-box labeled <code>@ code</code> with the <code>Type</code> specified as <code>AvailablePortServices_technicalPortServiceCode</code>.</p>								
Type	extension of technicalPortServiceLabel								
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • technicalPortServiceLabel • technicalPortServiceType 								
Attributes	<table border="1"> <thead> <tr> <th>QName</th><th>Type</th><th>Use</th></tr> </thead> <tbody> <tr> <td>code</td><td>technicalPortServiceCode</td><td>required</td></tr> </tbody> </table>	QName	Type	Use	code	technicalPortServiceCode	required		
QName	Type	Use							
code	technicalPortServiceCode	required							

Complex Type AvailablePortServices_technicalPortServiceType

Namespace	http://www.ihc.int/S131/2.0								
Annotations	Restricted values of technicalPortService in AvailablePortServices								
Diagram	<pre> graph LR A[AvailablePortServices_technicalPortServiceType] --> B[AvailablePortServices_technicalPortServiceLabel] B --> C[AvailablePortServices_technicalPortServiceLabel] C --> D[Attributes] D --> E[code] </pre> <p>The diagram illustrates the structure of the <code>AvailablePortServices_technicalPortServiceType</code>. It starts with a box labeled <code>AvailablePortServices_technicalPortServiceType</code> which is identified as the <code>Base Type</code> for <code>AvailablePortServices_technicalPortServiceLabel</code>. An arrow points from this box to another box labeled <code>AvailablePortServices_technicalPortServiceLabel</code>, which is also identified as the <code>Base Type</code> for <code>AvailablePortServices_technicalPortServiceType</code>. From this second box, an arrow points to a third box labeled <code>Attributes</code>. Inside the <code>Attributes</code> box is a sub-box labeled <code>@ code</code> with the <code>Type</code> specified as <code>AvailablePortServices_technicalPortServiceCode</code>.</p>								
Type	extension of AvailablePortServices_technicalPortServiceLabel								
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • AvailablePortServices_technicalPortServiceLabel • AvailablePortServices_technicalPortServiceType 								
Used by	Element AvailablePortServicesType/technicalPortService								
Attributes	<table border="1"> <thead> <tr> <th>QName</th><th>Type</th><th>Use</th></tr> </thead> <tbody> <tr> <td>code</td><td>AvailablePortServices_technicalPortServiceCode</td><td>required</td></tr> </tbody> </table>	QName	Type	Use	code	AvailablePortServices_technicalPortServiceCode	required		
QName	Type	Use							
code	AvailablePortServices_technicalPortServiceCode	required							

Complex Type telecommunicationServiceType

Namespace	http://www.ihc.int/S131/2.0		
-----------	-----------------------------	--	--

Annotations	Classification of methods of communication over a distance by electrical, electronic, or electromagnetic means.						
Diagram	<pre> classDiagram telecommunicationServiceType "0..1" --> "1..1" telecommunicationServiceLabel telecommunicationServiceLabel "0..1" --> "1..1" code note over telecommunicationServiceLabel: Classification of methods of communication over a distance by electrical, electronic, or electromagnetic means. note over code: Type telecommunicationServiceCode </pre>						
Type	extension of telecommunicationServiceLabel						
Type hierarchy	<ul style="list-style-type: none"> xs:string telecommunicationServiceLabel telecommunicationServiceType 						
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>telecommunicationServiceCode</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	code	telecommunicationServiceCode	required
QName	Type	Use					
code	telecommunicationServiceCode	required					

Complex Type telecommunications_telecommunicationServiceType

Namespace	http://www.oho.int/S131/2.0						
Annotations	Restricted values of telecommunicationService in telecommunications						
Diagram	<pre> classDiagram telecommunications_telecommunicationServiceType "0..1" --> "1..1" telecommunications_telecommunicationServiceLabel telecommunications_telecommunicationServiceLabel "0..1" --> "1..1" code note over telecommunications_telecommunicationServiceLabel: Restricted values of telecommunicationService in telecommunications note over code: Type telecommunications_telecommunicationServiceCode </pre>						
Type	extension of telecommunications_telecommunicationServiceLabel						
Type hierarchy	<ul style="list-style-type: none"> xs:string telecommunications_telecommunicationServiceLabel telecommunications_telecommunicationServiceType 						
Used by	Element telecommunicationsType/telecommunicationService						
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>code</td> <td>telecommunications_telecommunicationServiceCode</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	code	telecommunications_telecommunicationServiceCode	required
QName	Type	Use					
code	telecommunications_telecommunicationServiceCode	required					

Complex Type textTypeType

Namespace	http://www.oho.int/S131/2.0
Annotations	The attribute from which a text string is derived.
Diagram	<pre> classDiagram textTypeType "0..1" --> "1..1" textTypeLabel textTypeLabel "0..1" --> "1..1" code note over textTypeLabel: The attribute from which a text string is derived. note over code: Type textTypeCode </pre>
Type	extension of textTypeLabel
Type hierarchy	<ul style="list-style-type: none"> xs:string textTypeLabel textTypeType

Attributes	QName	Type	Use
	code	textTypeCode	required

Complex Type TextPlacement_textTypeType

Namespace	http://www.ihodata.com/S131/2.0		
Annotations	Restricted values of textType in TextPlacement		
Diagram	<pre> classDiagram class TextPlacement_textTypeType { <<TextPlacement_textTypeLabel>> <<@ Attributes>> <<@ code : TextPlacement_textTypeCode>> } </pre>		
Type	extension of TextPlacement_textTypeLabel		
Type hierarchy	<ul style="list-style-type: none"> xs:string <ul style="list-style-type: none"> TextPlacement_textTypeLabel TextPlacement_textTypeType 		
Used by	Element	TextPlacementType/textType	
Attributes	QName	Type	Use
	code	TextPlacement_textTypeCode	required

Complex Type verticalDatumType

Namespace	http://www.ihodata.com/S131/2.0		
Annotations	The reference level used for expressing the vertical measurements of points on the earth's surface. Also called datum level, reference plane, levelling datum, datum for sounding reduction, datum for heights.		
Diagram	<pre> classDiagram class verticalDatumType { <<verticalDatumLabel>> <<@ Attributes>> <<@ code : verticalDatumCode>> } </pre>		
Type	extension of verticalDatumLabel		
Type hierarchy	<ul style="list-style-type: none"> xs:string <ul style="list-style-type: none"> verticalDatumLabel verticalDatumType 		
Attributes	QName	Type	Use
	code	verticalDatumCode	required

Complex Type SoundingDatum_verticalDatumType

Namespace	http://www.ihodata.com/S131/2.0		
Annotations	Restricted values of verticalDatum in SoundingDatum		
Diagram	<pre> classDiagram class SoundingDatum_verticalDatumType { <<SoundingDatum_verticalDatumLabel>> <<@ Attributes>> <<@ code : SoundingDatum_verticalDatumCode>> } </pre>		
Type	extension of SoundingDatum_verticalDatumLabel		
Type hierarchy	<ul style="list-style-type: none"> xs:string <ul style="list-style-type: none"> SoundingDatum_verticalDatumLabel SoundingDatum_verticalDatumType 		

Type	extension of SoundingDatum_verticalDatumLabel		
Type hierarchy	<ul style="list-style-type: none"> xs:string <ul style="list-style-type: none"> SoundingDatum_verticalDatumLabel SoundingDatum_verticalDatumType 		
Used by	Element SoundingDatumType/verticalDatum		
Attributes	QName	Type	Use
	code	SoundingDatum_verticalDatumCode	required

Complex Type VerticalDatumOfData_verticalDatumType

Namespace	http://www.ihc.int/S131/2.0		
Annotations	Restricted values of verticalDatum in VerticalDatumOfData		
Diagram	<pre> classDiagram class VerticalDatumOfData_verticalDatumType { <<Base Type>> } class VerticalDatumOfData_verticalDatumLabel { <<VerticalDatumOfData_verticalDatumType>> <<Restricted values of verticalDatum in VerticalDatumOfData>> } attribute code : VerticalDatumOfData_verticalDatumCode </pre>		
Type	extension of VerticalDatumOfData_verticalDatumLabel		
Type hierarchy	<ul style="list-style-type: none"> xs:string <ul style="list-style-type: none"> VerticalDatumOfData_verticalDatumLabel VerticalDatumOfData_verticalDatumType 		
Used by	Element VerticalDatumOfDataType/verticalDatum		
Attributes	QName	Type	Use
	code	VerticalDatumOfData_verticalDatumCode	required

Complex Type vesselsCharacteristicsType

Namespace	http://www.ihc.int/S131/2.0		
Annotations	Characteristics of vessels.		
Diagram	<pre> classDiagram class vesselsCharacteristicsType { <<Base Type>> } class vesselsCharacteristicsLabel { <<vesselsCharacteristicsType>> <<Characteristics of vessels.>> } attribute code : vesselsCharacteristicsCode </pre>		
Type	extension of vesselsCharacteristicsLabel		
Type hierarchy	<ul style="list-style-type: none"> xs:string <ul style="list-style-type: none"> vesselsCharacteristicsLabel vesselsCharacteristicsType 		
Attributes	QName	Type	Use
	code	vesselsCharacteristicsCode	required

Complex Type vesselMeasurementsSpecification_vesselsCharacteristicsType

Namespace	http://www.ihc.int/S131/2.0		
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Annotations	Restricted values of vesselsCharacteristics in vesselMeasurementsSpecification						
Diagram	<p>The diagram shows a UML class named <code>vesselMeasurementsSpecification_vesselsCharacteristicsType</code> with a note below it: "Base Type vesselMeasurementsSpecification_vess...". A relationship line connects this class to another element, with a note above it: "Restricted values of vesselsCharacteristics in vesselMeasurementsSpecification". To the right of the relationship, there is a callout box containing: <ul style="list-style-type: none"> <code>vesselMeasurementsSpecification_vesselsCharacteristicsLabel</code> (with a plus sign) Restricted values of vesselMeasurementsSpecification/vesselsCharacteristics @ Attributes <code>@ code</code> (with a plus sign) Type vesselMeasurementsSpecification_vess... </p>						
Type	extension of vesselMeasurementsSpecification_vesselsCharacteristicsLabel						
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • vesselMeasurementsSpecification_vesselsCharacteristicsLabel • vesselMeasurementsSpecification_vesselsCharacteristicsType 						
Used by	Element vesselMeasurementsSpecificationType/vesselsCharacteristics						
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td><code>code</code></td> <td>vesselMeasurementsSpecification_vesselsCharacteristicsCode</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	<code>code</code>	vesselMeasurementsSpecification_vesselsCharacteristicsCode	required
QName	Type	Use					
<code>code</code>	vesselMeasurementsSpecification_vesselsCharacteristicsCode	required					

Complex Type vesselsCharacteristicsUnitType

Namespace	http://www.ihc.int/S131/2.0						
Annotations	The unit used for vessel characteristics attribute.						
Diagram	<p>The diagram shows a UML class named <code>vesselsCharacteristicsUnitType</code> with a note below it: "Base Type vesselsCharacteristicsUnitLabel". A relationship line connects this class to another element, with a note above it: "The unit used for vessel characteristics attribute". To the right of the relationship, there is a callout box containing: <ul style="list-style-type: none"> <code>vesselsCharacteristicsUnitLabel</code> (with a plus sign) The unit used for vessel characteristics attribute @ Attributes <code>@ code</code> (with a plus sign) Type vesselsCharacteristicsUnitCode </p>						
Type	extension of vesselsCharacteristicsUnitLabel						
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • vesselsCharacteristicsUnitLabel • vesselsCharacteristicsUnitType 						
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td><code>code</code></td> <td>vesselsCharacteristicsUnitCode</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	<code>code</code>	vesselsCharacteristicsUnitCode	required
QName	Type	Use					
<code>code</code>	vesselsCharacteristicsUnitCode	required					

Complex Type vesselMeasurementsSpecification_vesselsCharacteristicsUnitType

Namespace	http://www.ihc.int/S131/2.0
Annotations	Restricted values of vesselsCharacteristicsUnit in vesselMeasurementsSpecification
Diagram	<p>The diagram shows a UML class named <code>vesselMeasurementsSpecification_vesselsCharacteristicsUnitType</code> with a note below it: "Base Type vesselMeasurementsSpecification_vess...". A relationship line connects this class to another element, with a note above it: "Restricted values of vesselsCharacteristicsUnit in vesselMeasurementsSpecification". To the right of the relationship, there is a callout box containing: <ul style="list-style-type: none"> <code>vesselMeasurementsSpecification_vesselsCharacteristicsUnitLabel</code> (with a plus sign) Restricted values of vesselMeasurementsSpecification/vesselsCharacteristicsUnit @ Attributes <code>@ code</code> (with a plus sign) Type vesselMeasurementsSpecification_vess... </p>
Type	extension of vesselMeasurementsSpecification_vesselsCharacteristicsUnitLabel
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • vesselMeasurementsSpecification_vesselsCharacteristicsUnitLabel • vesselMeasurementsSpecification_vesselsCharacteristicsUnitType
Used by	Element vesselMeasurementsSpecificationType/vesselsCharacteristicsUnit

Attributes	QName	Type	Use
	code	vesselMeasurementsSpecification_vesselsCharacteristicsUnitCode	required

Complex Type wasteDisposalServiceType

Namespace	http://www.ihodata.org/S131/2.0		
Annotations	Service for the reception of residues, polluting substances, refuse, oily wastes, and by-products from ships.		
Diagram	<pre> graph LR A[wasteDisposalServiceType] --> B[wasteDisposalServiceLabel] B --> C["Service for the reception of residues, polluting substances, refuse, oily wastes, and by-products from ships."] C --> D["@ code"] D --> E["wasteDisposalServiceCode"] </pre>		
Type	extension of wasteDisposalServiceLabel		
Type hierarchy	<ul style="list-style-type: none"> xs:string wasteDisposalServiceLabel wasteDisposalServiceType 		
Attributes	QName	Type	Use
	code	wasteDisposalServiceCode	required

Complex Type AvailablePortServices_wasteDisposalServiceType

Namespace	http://www.ihodata.org/S131/2.0		
Annotations	Restricted values of wasteDisposalService in AvailablePortServices		
Diagram	<pre> graph LR A[AvailablePortServices_wasteDisposalServiceType] --> B[AvailablePortServices_wasteDisposalServiceLabel] B --> C["Restricted values of wasteDisposalService in AvailablePortServices"] C --> D["@ code"] D --> E["AvailablePortServices_wasteDisposalServiceCode"] </pre>		
Type	extension of AvailablePortServices_wasteDisposalServiceLabel		
Type hierarchy	<ul style="list-style-type: none"> xs:string AvailablePortServices_wasteDisposalServiceLabel AvailablePortServices_wasteDisposalServiceType 		
Used by	Element AvailablePortServicesType/wasteDisposalService		
Attributes	QName	Type	Use
	code	AvailablePortServices_wasteDisposalServiceCode	required

Complex Type actionOrActivityType

Namespace	http://www.ihodata.org/S131/2.0		
Annotations	The action or activity of a vessel.		

Diagram	<pre> classDiagram class actionOrActivityType { <<actionOrActivityType>> Base Type: actionOrActivityLabel_Union <<The action or activity of a vessel.>> } class actionOrActivityLabel_Union { <<Union type for labels corresponding to extra codelist values.>> <<@ Attributes>> @ code Type: actionOrActivityCode @ codelistType Type: codelistTypeType Fixed: openEnumeration @ otherValue Type: extraValueType <<Only if an "extra" value is encoded>> } actionOrActivityType < -- actionOrActivityLabel_Union </pre>																									
Type	extension of actionOrActivityLabel_Union																									
Type hierarchy	<ul style="list-style-type: none"> • xs:anySimpleType <ul style="list-style-type: none"> • actionOrActivityLabel_Union • actionOrActivityType 																									
Used by	Element rxNCodeType/actionOrActivity																									
Attributes	<table border="1"> <thead> <tr> <th>QName</th><th>Type</th><th>Fixed</th><th>Use</th><th></th></tr> </thead> <tbody> <tr> <td>code</td><td>actionOrActivityCode</td><td></td><td>optional</td><td></td></tr> <tr> <td>codelistType</td><td>codelistTypeType</td><td>openEnumeration</td><td>optional</td><td></td></tr> <tr> <td>otherValue</td><td>extraValueType</td><td></td><td>optional</td><td></td></tr> <tr> <td></td><td colspan="4">Only if an "extra" value is encoded</td></tr> </tbody> </table>	QName	Type	Fixed	Use		code	actionOrActivityCode		optional		codelistType	codelistTypeType	openEnumeration	optional		otherValue	extraValueType		optional			Only if an "extra" value is encoded			
QName	Type	Fixed	Use																							
code	actionOrActivityCode		optional																							
codelistType	codelistTypeType	openEnumeration	optional																							
otherValue	extraValueType		optional																							
	Only if an "extra" value is encoded																									

Complex Type rxNCode_actionOrActivityType

Namespace	http://www.ihc.int/S131/2.0								
Annotations	Restricted values of actionOrActivity in rxNCode								
Diagram	<pre> classDiagram class rxNCode_actionOrActivityType { <<rxNCode_actionOrActivityType>> Base Type: rxNCode_actionOrActivityLabel <<Restricted values of actionOrActivity in rxNCode>> } class rxNCode_actionOrActivityLabel { <<Restricted values of rxNCode/actionOrActivity>> <<@ Attributes>> @ code Type: rxNCode_actionOrActivityCode } rxNCode_actionOrActivityType < -- rxNCode_actionOrActivityLabel </pre>								
Type	extension of rxNCode_actionOrActivityLabel								
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • rxNCode_actionOrActivityLabel • rxNCode_actionOrActivityType 								
Attributes	<table border="1"> <thead> <tr> <th>QName</th><th>Type</th><th>Use</th><th></th></tr> </thead> <tbody> <tr> <td>code</td><td>rxNCode_actionOrActivityCode</td><td>required</td><td></td></tr> </tbody> </table>	QName	Type	Use		code	rxNCode_actionOrActivityCode	required	
QName	Type	Use							
code	rxNCode_actionOrActivityCode	required							

Complex Type categoryOfRxNType

Namespace	http://www.ihc.int/S131/2.0
Annotations	The principal subject matter of regulations, restrictions, recommendations or nautical information.

Diagram	<pre> classDiagram categoryOfRxNLabel_Union < -- categoryOfRxNType categoryOfRxNLabel_Union { <<Union type for labels corresponding to extra codelist values.>> <<The principal subject matter of regulations, restrictions, recommendations or nautical information.>> <<Only if an "extra" value is encoded>> @Attributes @code : categoryOfRxNCode @codelistType : codelistTypeType Fixed: openEnumeration @otherValue : extraValueType } </pre>																									
Type	extension of categoryOfRxNLabel_Union																									
Type hierarchy	<ul style="list-style-type: none"> • xs:anySimpleType <ul style="list-style-type: none"> • categoryOfRxNLabel_Union • categoryOfRxNType 																									
Used by	Element rxNCodeType/categoryOfRxN																									
Attributes	<table border="1"> <thead> <tr> <th>QName</th><th>Type</th><th>Fixed</th><th>Use</th><th></th></tr> </thead> <tbody> <tr> <td>code</td><td>categoryOfRxNCode</td><td></td><td>optional</td><td></td></tr> <tr> <td>codelistType</td><td>codelistTypeType</td><td>openEnumeration</td><td>optional</td><td></td></tr> <tr> <td>otherValue</td><td>extraValueType</td><td></td><td>optional</td><td></td></tr> <tr> <td></td><td colspan="4">Only if an "extra" value is encoded</td></tr> </tbody> </table>	QName	Type	Fixed	Use		code	categoryOfRxNCode		optional		codelistType	codelistTypeType	openEnumeration	optional		otherValue	extraValueType		optional			Only if an "extra" value is encoded			
QName	Type	Fixed	Use																							
code	categoryOfRxNCode		optional																							
codelistType	codelistTypeType	openEnumeration	optional																							
otherValue	extraValueType		optional																							
	Only if an "extra" value is encoded																									

Complex Type rxNCode_categoryOfRxNType

Namespace	http://www.ihc.int/S131/2.0											
Annotations	Restricted values of categoryOfRxN in rxNCode											
Diagram	<pre> classDiagram rxNCode_categoryOfRxNType < -- rxNCode_categoryOfRxNLabel rxNCode_categoryOfRxNType { <<Restricted values of categoryOfRxN in rxNCode>> <<Restricted values of rxNCode/categoryOfRxN>> <<Only if an "extra" value is encoded>> @Attributes @code : rxNCode_categoryOfRxNCode } </pre>											
Type	extension of rxNCode_categoryOfRxNLabel											
Type hierarchy	<ul style="list-style-type: none"> • xs:string <ul style="list-style-type: none"> • rxNCode_categoryOfRxNLabel • rxNCode_categoryOfRxNType 											
Attributes	<table border="1"> <thead> <tr> <th>QName</th><th>Type</th><th>Use</th><th></th></tr> </thead> <tbody> <tr> <td>code</td><td>rxNCode_categoryOfRxNCode</td><td>required</td><td></td></tr> </tbody> </table>	QName	Type	Use		code	rxNCode_categoryOfRxNCode	required				
QName	Type	Use										
code	rxNCode_categoryOfRxNCode	required										

Complex Type categoryOfVesselType

Namespace	http://www.ihc.int/S131/2.0			
Annotations	Classification of vessels by function or use.			

Diagram

```

classDiagram
    categoryOfVesselLabel_Union {
        <<Union type for labels corresponding to extra codelist values.>>
        <<Classification of vessels by function or use.>>
        Attributes
            @ code : categoryOfVesselCode
            @ codelistType : codelistTypeType
            Fixed openEnumeration
            @ otherValue : extraValueType
            Only if an "extra" value is encoded
    }
    categoryOfVesselLabel_Union <|-- categoryOfVesselType
    categoryOfVesselType {
        Base Type categoryOfVesselLabel_Union
    }

```

Type extension of categoryOfVesselLabel_Union

Type hierarchy

- xs:anySimpleType
 - categoryOfVesselLabel_Union
 - categoryOfVesselType

Attributes	QName	Type	Fixed	Use
	code	categoryOfVesselCode		optional
	codelistType	codelistTypeType	openEnumeration	optional
	otherValue	extraValueType		optional
	Only if an "extra" value is encoded			

Complex Type Applicability_categoryOfVesselType

Namespace	http://www.ihc.int/S131/2.0								
Annotations	Restricted values of categoryOfVessel in Applicability								
Diagram	<pre> classDiagram categoryOfVesselLabel_Union < -- Applicability_categoryOfVesselType Applicability_categoryOfVesselType "Union type for labels corresponding to extra codelist values." Applicability_categoryOfVesselType @Attributes Applicability_categoryOfVesselType @code "Type Applicability_categoryOfVesselCode" </pre>								
Type	extension of categoryOfVesselLabel_Union								
Type hierarchy	<ul style="list-style-type: none"> • xs:anySimpleType <ul style="list-style-type: none"> • categoryOfVesselLabel_Union • Applicability_categoryOfVesselType 								
Used by	Element ApplicabilityType/categoryOfVessel								
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>code</td> <td>Applicability_categoryOfVesselCode</td> <td>optional</td> <td></td> </tr> </tbody> </table>	QName	Type	Use		code	Applicability_categoryOfVesselCode	optional	
QName	Type	Use							
code	Applicability_categoryOfVesselCode	optional							

Complex Type securitySafetyEmergencyServiceType

Namespace	http://www.ihc.int/S131/2.0
Annotations	Protective services, law enforcement, or services for responding to sudden danger.

Diagram	<pre> classDiagram securitySafetyEmergencyServiceType < -- securitySafetyEmergencyServiceLabel_Union securitySafetyEmergencyServiceLabel_Union { @Attributes @code : securitySafetyEmergencyServiceCode @codelistType : codelistTypeType @otherValue : extraValueType } </pre>																									
Type	extension of securitySafetyEmergencyServiceLabel_Union																									
Type hierarchy	<ul style="list-style-type: none"> • xs:anySimpleType <ul style="list-style-type: none"> • securitySafetyEmergencyServiceLabel_Union • securitySafetyEmergencyServiceType 																									
Attributes	<table border="1"> <thead> <tr> <th>QName</th><th>Type</th><th>Fixed</th><th>Use</th><th></th></tr> </thead> <tbody> <tr> <td>code</td><td>securitySafetyEmergencyServiceCode</td><td></td><td>optional</td><td></td></tr> <tr> <td>codelistType</td><td>codelistTypeType</td><td>openEnumeration</td><td>optional</td><td></td></tr> <tr> <td>otherValue</td><td>extraValueType</td><td></td><td>optional</td><td></td></tr> <tr> <td></td><td colspan="4">Only if an "extra" value is encoded</td></tr> </tbody> </table>	QName	Type	Fixed	Use		code	securitySafetyEmergencyServiceCode		optional		codelistType	codelistTypeType	openEnumeration	optional		otherValue	extraValueType		optional			Only if an "extra" value is encoded			
QName	Type	Fixed	Use																							
code	securitySafetyEmergencyServiceCode		optional																							
codelistType	codelistTypeType	openEnumeration	optional																							
otherValue	extraValueType		optional																							
	Only if an "extra" value is encoded																									

Complex Type AvailablePortServices_securitySafetyEmergencyServiceType

Namespace	http://www.ihc.int/S131/2.0											
Annotations	Restricted values of securitySafetyEmergencyService in AvailablePortServices											
Diagram	<pre> classDiagram AvailablePortServices_securitySafetyEmergencyServiceType < -- securitySafetyEmergencyServiceLabel_Union securitySafetyEmergencyServiceLabel_Union { @Attributes @code : AvailablePortServices_securitySafety ... } </pre>											
Type	extension of securitySafetyEmergencyServiceLabel_Union											
Type hierarchy	<ul style="list-style-type: none"> • xs:anySimpleType <ul style="list-style-type: none"> • securitySafetyEmergencyServiceLabel_Union • AvailablePortServices_securitySafetyEmergencyServiceType 											
Used by	Element AvailablePortServicesType/securitySafetyEmergencyService											
Attributes	<table border="1"> <thead> <tr> <th>QName</th><th>Type</th><th>Use</th><th></th></tr> </thead> <tbody> <tr> <td>code</td><td>AvailablePortServices_securitySafetyEmergencyServiceCode</td><td>optional</td><td></td></tr> </tbody> </table>	QName	Type	Use		code	AvailablePortServices_securitySafetyEmergencyServiceCode	optional				
QName	Type	Use										
code	AvailablePortServices_securitySafetyEmergencyServiceCode	optional										

Complex Type transportConnectionType

Namespace	http://www.ihc.int/S131/2.0			
Annotations	Classification of services for the conveyance of persons and/or goods, according to means of transport, nature of path, or representative installation.			

Diagram	<pre> classDiagram transportConnectionLabel_Union < -- transportConnectionType transportConnectionLabel_Union < -- AvailablePortServices_transportConnectionType transportConnectionLabel_Union < -- AvailablePortServices_transportConnectionType transportConnectionLabel_Union { <<Union type for labels corresponding to extra codelist values.>> <<Only if an "extra" value is encoded>> <<Attributes>> <<@ code<>> : transportConnectionCode <<@ codelistType<>> : codelistTypeType Fixed : openEnumeration <<@ otherValue<>> : extraValueType } </pre>																				
Type	extension of transportConnectionLabel_Union																				
Type hierarchy	<ul style="list-style-type: none"> • xs:anySimpleType <ul style="list-style-type: none"> • transportConnectionLabel_Union • transportConnectionType 																				
Attributes	<table border="1"> <thead> <tr> <th>QName</th><th>Type</th><th>Fixed</th><th>Use</th></tr> </thead> <tbody> <tr> <td>code</td><td>transportConnectionCode</td><td></td><td>optional</td></tr> <tr> <td>codelistType</td><td>codelistTypeType</td><td>openEnumeration</td><td>optional</td></tr> <tr> <td>otherValue</td><td>extraValueType</td><td></td><td>optional</td></tr> <tr> <td colspan="4">Only if an "extra" value is encoded</td></tr> </tbody> </table>	QName	Type	Fixed	Use	code	transportConnectionCode		optional	codelistType	codelistTypeType	openEnumeration	optional	otherValue	extraValueType		optional	Only if an "extra" value is encoded			
QName	Type	Fixed	Use																		
code	transportConnectionCode		optional																		
codelistType	codelistTypeType	openEnumeration	optional																		
otherValue	extraValueType		optional																		
Only if an "extra" value is encoded																					

Complex Type AvailablePortServices_transportConnectionType

Namespace	http://www.ihc.int/S131/2.0								
Annotations	Restricted values of transportConnection in AvailablePortServices								
Diagram	<pre> classDiagram AvailablePortServices_transportConnectionType < -- AvailablePortServices_transportConnectionType AvailablePortServices_transportConnectionType < -- AvailablePortServices_transportConnectionType AvailablePortServices_transportConnectionType { <<Union type for labels corresponding to extra codelist values.>> <<Only if an "extra" value is encoded>> <<Attributes>> <<@ code<>> : AvailablePortServices_transpo ... } </pre>								
Type	extension of transportConnectionLabel_Union								
Type hierarchy	<ul style="list-style-type: none"> • xs:anySimpleType <ul style="list-style-type: none"> • transportConnectionLabel_Union • AvailablePortServices_transportConnectionType 								
Used by	Element AvailablePortServicesType/transportConnection								
Attributes	<table border="1"> <thead> <tr> <th>QName</th><th>Type</th><th>Use</th></tr> </thead> <tbody> <tr> <td>code</td><td>AvailablePortServices_transportConnectionCode</td><td>optional</td></tr> </tbody> </table>			QName	Type	Use	code	AvailablePortServices_transportConnectionCode	optional
QName	Type	Use							
code	AvailablePortServices_transportConnectionCode	optional							

Complex Type bearingInformationType

Namespace	http://www.ihc.int/S131/2.0		
Annotations	A bearing is the direction one object is from another object.		

Diagram	
Used by	Element graphicType/bearingInformation
Model	cardinalDirection{0,1} , distance{0,1} , information* , orientation{0,1}

Complex Type informationType

Namespace	http://www.ihodata.org/S131/2.0
Annotations	Textual information about the feature. The information may be provided as a string of text or as a file name of a single external text file that contains the text.
Diagram	
Used by	Elements ApplicabilityType/information, ContactDetailsType/information, NonStandardWorkingDayType/information, QualityOfNonBathymetricDataType/information, ServiceHoursType/information, SoundingDatumType/information, VerticalDatumOfDataType/information, bearingInformationType/information, textContentType/information
Model	fileLocator{0,1} , fileReference{0,1} , headline* , language{0,1} , text{0,1}

Complex Type orientationType

Namespace	http://www.ihodata.org/S131/2.0
Annotations	(1) The angular distance measured from true north to the major axis of the feature. (2) In ECDIS, the mode in which information on the ECDIS is being presented. Typical modes include: north-up - as shown on a nautical chart, north is at the top of the display; Ships head-up - based on the actual heading of the ship, (e.g. Ships gyrocompass); course-up display - based on the course or route being taken.
Diagram	
Used by	Elements FenderLineType/orientation, bearingInformationType/orientation
Model	orientationUncertainty{0,1} , orientationValue

Complex Type cargoServicesDescriptionType

Namespace	http://www.ihodata.org/S131/2.0
Annotations	Description of services related to the goods or items carried by vessels.
Diagram	

Used by	Element	generalHarbourInformationType/cargoServicesDescription
Model	textContent+	

Complex Type **textContentType**

Namespace	http://www.ihodata.org/S131/2.0	
Annotations	Textual material, or a pointer to a resource providing textual material. May be accompanied by basic information about its source and relationship to the source.	
Diagram	<pre> classDiagram class textContentType { categoryOfText <--> 0..oo information categoryOfText <--> 0..oo onlineResource categoryOfText <--> 0..oo sourceIndication } class categoryOfText class information class onlineResource class sourceIndication </pre>	
Used by	Elements AbstractRxNType/textContent, AuthorityType/textContent, AvailablePortServicesType/textContent, EntranceType/textContent, FeatureType/textContent, cargoServicesDescriptionType/textContent, constructionInformationType/textContent, depthsDescriptionType/textContent, facilitiesLayoutDescriptionType/textContent, generalPortDescriptionType/textContent, landmarkDescriptionType/textContent, limitsDescriptionType/textContent, majorLightDescriptionType/textContent, markedByType/textContent, offshoreMarkDescriptionType/textContent, usefulMarkDescriptionType/textContent, weatherResourceType/textContent	
Model	categoryOfText{0,1} , information* , onlineResource{0,1} , sourceIndication*	

Complex Type **onlineResourceType**

Namespace	http://www.ihodata.org/S131/2.0	
Annotations	Information about online sources from which a resource or data can be obtained.	
Diagram	<pre> classDiagram class onlineResourceType { linkage protocol applicationProfile nameOfResource onlineResourceDescription onlineFunction protocolRequest } class linkage class protocol class applicationProfile class nameOfResource class onlineResourceDescription class onlineFunction class protocolRequest </pre>	
Used by	Elements ContactDetailsType/onlineResource, textContentType/onlineResource, weatherResourceType/onlineResource	
Model	linkage , protocol{0,1} , applicationProfile{0,1} , nameOfResource{0,1} , onlineResourceDescription{0,1} , onlineFunction{0,1} , protocolRequest{0,1}	

Complex Type **sourceIndicationType**

Namespace	http://www.ihodata.org/S131/2.0	
Annotations	Information about the source document, publication, or reference from which object data or textual material included or referenced in a dataset are derived.	

Diagram	<pre> classDiagram sourceIndicationType < -- sourceIndicationType </pre> <p>sourceIndicationType</p> <p>Information about the source document, publication, or reference from which object data or textual material included or...</p> <p>categoryOfAuthority Type <code>sourceIndication_categoryOfAuthorityType</code></p> <p>countryName Type <code>countryNameType</code></p> <p>source Type <code>sourceType</code></p> <p>sourceType Type <code>sourceIndication_sourceTypeType</code></p> <p>reportedDate Type <code>reportedDateType</code></p> <p>featureName Type <code>featureNameType</code></p>
Used by	Elements FeatureTypeType/sourceIndication, InformationTypeType/sourceIndication, QualityOfNonBathymetric-DataType/sourceIndication, textContentType/sourceIndication
Model	<code>categoryOfAuthority{0,1}</code> , <code>countryName{0,1}</code> , <code>source{0,1}</code> , <code>sourceType{0,1}</code> , <code>reportedDate{0,1}</code> , <code>featureName*</code>

Complex Type **featureNameType**

Namespace	http://www.ihodata.org/S131/2.0
Annotations	Provides the name of an entity, defines the national language of the name, and provides the option to display the name at various system display settings.
Diagram	<pre> classDiagram sourceIndicationType < -- featureNameType </pre> <p>featureNameType</p> <p>Provides the name of an entity, defines the national language of the name, and provides the option to display the name...</p> <p>language Type <code>languageType</code></p> <p>name Type <code>nameType</code></p> <p>nameUsage Type <code>featureName_nameUsageType</code></p>
Used by	Elements FeatureTypeType/featureName, InformationTypeType/featureName, sourceIndicationType/featureName
Model	<code>language</code> , <code>name</code> , <code>nameUsage{0,1}</code>

Complex Type **constructionInformationType**

Namespace	http://www.ihodata.org/S131/2.0
Annotations	A description of construction or other development in a location where the work will affect vessel operations such as navigation, maneuvering or docking/berthing.
Diagram	<pre> classDiagram sourceIndicationType < -- constructionInformationType </pre> <p>constructionInformationType</p> <p>A description of construction or other development in a location where the work will affect vessel operations such as...</p> <p>fixedDateRange Type <code>fixedDateRangeType</code></p> <p>condition Type <code>constructionInformation_conditionType</code></p> <p>development Type <code>developmentType</code></p> <p>locationByText Type <code>locationByTextType</code></p> <p>textContent Type <code>textContentType</code></p>
Used by	Element generalHarbourInformationType/constructionInformation
Model	<code>fixedDateRange{0,1}</code> , <code>condition{0,1}</code> , <code>development</code> , <code>locationByText{0,1}</code> , <code>textContent*</code>

Complex Type fixedDateRangeType

Namespace	http://www.ihc.int/S131/2.0
Annotations	An active period of a single fixed event or occurrence, as the date range between discrete start and end dates.
Diagram	
Used by	Elements FeatureTypeType/fixedDateRange, InformationTypeType/fixedDateRange, constructionInformationType/fixedDateRange, spatialAccuracyType/fixedDateRange
Model	dateStart{0,1} , dateEnd{0,1}

Complex Type contactAddressType

Namespace	http://www.ihc.int/S131/2.0
Annotations	Direction or superscription of a letter, package, etc., specifying the name of the place to which it is directed, and optionally a contact person or organisation who should receive it.
Diagram	
Used by	Element ContactDetailsType/contactAddress
Model	deliveryPoint* , cityName{0,1} , administrativeDivision{0,1} , countryName{0,1} , postalCode{0,1}

Complex Type depthsDescriptionType

Namespace	http://www.ihc.int/S131/2.0
Annotations	Textual description of the characteristics and notable matters pertaining to depths in an area.
Diagram	
Used by	Elements AnchorageAreaType/depthsDescription, DockAreaType/depthsDescription, DumpingGroundType/depthsDescription, HarbourBasinType/depthsDescription, PilotBoardingPlaceType/depthsDescription, SeaplaneLandingAreaType/depthsDescription, TurningBasinType/depthsDescription, WaterwayAreaType/depthsDescription
Model	categoryOfDepthsDescription , textContent+

Complex Type facilitiesLayoutDescriptionType

Namespace	http://www.ihc.int/S131/2.0
Annotations	Textual description of the layout of port facilities.
Diagram	

Used by	Elements	HarbourAreaSectionType/facilitiesLayoutDescription, generalHarbourInformationType/facilitiesLayoutDescription
Model	textContent+	

Complex Type frequencyPairType

Namespace	http://www.oho.int/S131/2.0	
Annotations	A pair of frequencies for transmitting and receiving radio signals. The shore station transmits and receives on the frequencies indicated.	
Diagram	<pre> classDiagram class frequencyPairType { <<A pair of frequencies for transmitting and receiving radio signals. The shore station transmits and receives on the...>> } class frequencyShoreStationReceives { <<Type frequencyShoreStationReceivesType>> } class frequencyShoreStationTransmits { <<Type frequencyShoreStationTransmitsType>> } frequencyPairType "1" -- "1" frequencyShoreStationReceives frequencyPairType "1" -- "1" frequencyShoreStationTransmits </pre>	
Used by	Element	ContactDetailsType/frequencyPair
Model	frequencyShoreStationReceives{0,1} , frequencyShoreStationTransmits	

Complex Type generalHarbourInformationType

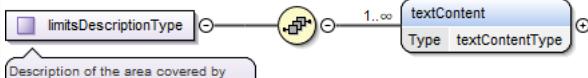
Namespace	http://www.oho.int/S131/2.0	
Annotations	General information about the port or harbour area.	
Diagram	<pre> classDiagram class generalHarbourInformationType { <<General information about the port or harbour area.>> } class generalPortDescription { <<Type generalPortDescriptionType>> } class facilitiesLayoutDescription { <<Type facilitiesLayoutDescriptionType>> } class limitsDescription { <<Type limitsDescriptionType>> } class constructionInformation { <<Type constructionInformationType>> } class cargoServicesDescription { <<Type cargoServicesDescriptionType>> } class weatherResource { <<Type weatherResourceType>> } generalHarbourInformationType "1" -- "1" generalPortDescription generalHarbourInformationType "1" -- "1" facilitiesLayoutDescription generalHarbourInformationType "1" -- "1" limitsDescription generalHarbourInformationType "0..>" -- "1..>" constructionInformation generalHarbourInformationType "0..>" -- "1..>" cargoServicesDescription generalHarbourInformationType "0..>" -- "1..>" weatherResource </pre>	
Used by	Element	HarbourAreaAdministrativeType/generalHarbourInformation
Model	generalPortDescription{0,1} , facilitiesLayoutDescription{0,1} , limitsDescription{0,1} , constructionInformation* , cargoServicesDescription{0,1} , weatherResource*	

Complex Type generalPortDescriptionType

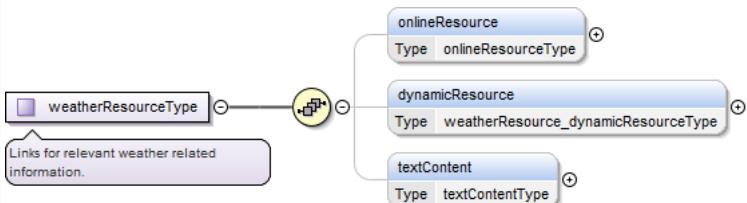
Namespace	http://www.oho.int/S131/2.0	
Annotations	General, introductory information about the port.	
Diagram	<pre> classDiagram class generalPortDescriptionType { <<General, introductory information about the port.>> } class textContent { <<Type textContentType>> } generalPortDescriptionType "1" -- "1..>" textContent </pre>	
Used by	Element	generalHarbourInformationType/generalPortDescription
Model	textContent+	

Complex Type limitsDescriptionType

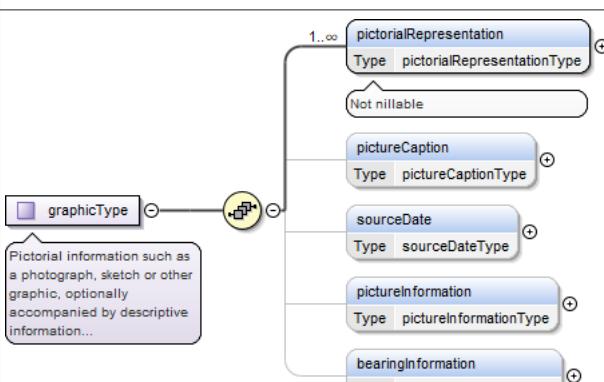
Namespace	http://www.oho.int/S131/2.0	
Annotations	Description of the area covered by the information specified.	

Diagram	
Used by	Elements OuterLimitType/limitsDescription, generalHarbourInformationType/limitsDescription
Model	textContent+

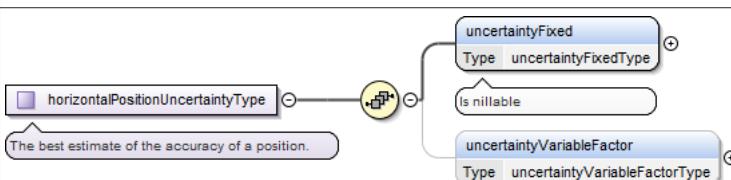
Complex Type weatherResourceType

Namespace	http://www.ihodata.org/S131/2.0
Annotations	Links for relevant weather related information.
Diagram	
Used by	Element generalHarbourInformationType/weatherResource
Model	onlineResource{0,1} , dynamicResource{0,1} , textContent{0,1}

Complex Type graphicType

Namespace	http://www.ihodata.org/S131/2.0
Annotations	Pictorial information such as a photograph, sketch or other graphic, optionally accompanied by descriptive information about the graphic and the location relative to its subject from which it was made.
Diagram	
Used by	Elements FeatureTypeType/graphic, InformationTypeType/graphic
Model	pictorialRepresentation+ , pictureCaption{0,1} , sourceDate{0,1} , pictureInformation{0,1} , bearingInformation{0,1}

Complex Type horizontalPositionUncertaintyType

Namespace	http://www.ihodata.org/S131/2.0
Annotations	The best estimate of the accuracy of a position.
Diagram	
Used by	Elements QualityOfNonBathymetricDataType/horizontalPositionUncertainty, spatialAccuracyType/horizontalPositionUncertainty

Model	uncertaintyFixed , uncertaintyVariableFactor{0,1}
-------	---

Complex Type **landmarkDescriptionType**

Namespace	http://www.ihc.int/S131/2.0
Annotations	Textual description of selected landmarks that have significance in an area.
Diagram	<pre> classDiagram class landmarkDescriptionType class textContent { <<Type textContentType>> } landmarkDescriptionType "1..oo" --> textContent </pre> <p>A UML class diagram showing the relationship between <code>landmarkDescriptionType</code> and <code>textContent</code>. The <code>landmarkDescriptionType</code> class has a directed association with the <code>textContent</code> class. The multiplicity at the <code>landmarkDescriptionType</code> end is <code>1..oo</code>, indicating many-to-one. The <code>textContent</code> class contains a compartment labeled <code>Type textContentType</code>.</p>
Used by	Elements EntranceType/landmarkDescription, OuterLimitType/landmarkDescription
Model	textContent+

Complex Type **majorLightDescriptionType**

Namespace	http://www.ihc.int/S131/2.0
Annotations	A description of navigationally significant lights essential for marking landfalls, offshore dangers, shipping routes, port access channels or protection of the marine environment.
Diagram	<pre> classDiagram class majorLightDescriptionType class textContent { <<Type textContentType>> } majorLightDescriptionType "1..oo" --> textContent </pre> <p>A UML class diagram showing the relationship between <code>majorLightDescriptionType</code> and <code>textContent</code>. The <code>majorLightDescriptionType</code> class has a directed association with the <code>textContent</code> class. The multiplicity at the <code>majorLightDescriptionType</code> end is <code>1..oo</code>, indicating many-to-one. The <code>textContent</code> class contains a compartment labeled <code>Type textContentType</code>.</p>
Used by	Elements EntranceType/majorLightDescription, OuterLimitType/majorLightDescription
Model	textContent+

Complex Type **markedByType**

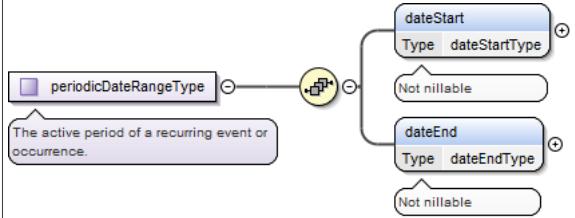
Namespace	http://www.ihc.int/S131/2.0
Annotations	Description of the aids to navigation used to mark an area or object.
Diagram	<pre> classDiagram class markedByType class textContent { <<Type textContentType>> } markedByType "1..oo" --> textContent </pre> <p>A UML class diagram showing the relationship between <code>markedByType</code> and <code>textContent</code>. The <code>markedByType</code> class has a directed association with the <code>textContent</code> class. The multiplicity at the <code>markedByType</code> end is <code>1..oo</code>, indicating many-to-one. The <code>textContent</code> class contains a compartment labeled <code>Type textContentType</code>.</p>
Used by	Elements AnchorageAreaType-markedBy, DockAreaType-markedBy, DumpingGroundType-markedBy, EntranceType-markedBy, HarbourBasinType-markedBy, OuterLimitType-markedBy, PilotBoarding-PlaceType-markedBy, SeaplaneLandingAreaType-markedBy, TurningBasinType-markedBy, WaterwayAreaType-markedBy
Model	textContent+

Complex Type **offshoreMarkDescriptionType**

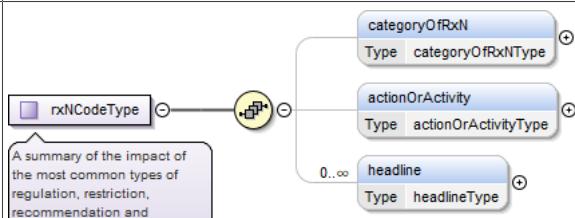
Namespace	http://www.ihc.int/S131/2.0
Annotations	Description of aids to navigation or prominent marks located away from the shore.
Diagram	<pre> classDiagram class offshoreMarkDescriptionType class textContent { <<Type textContentType>> } offshoreMarkDescriptionType "1..oo" --> textContent </pre> <p>A UML class diagram showing the relationship between <code>offshoreMarkDescriptionType</code> and <code>textContent</code>. The <code>offshoreMarkDescriptionType</code> class has a directed association with the <code>textContent</code> class. The multiplicity at the <code>offshoreMarkDescriptionType</code> end is <code>1..oo</code>, indicating many-to-one. The <code>textContent</code> class contains a compartment labeled <code>Type textContentType</code>.</p>
Used by	Elements EntranceType/offshoreMarkDescription, OuterLimitType/offshoreMarkDescription
Model	textContent+

Complex Type **periodicDateRangeType**

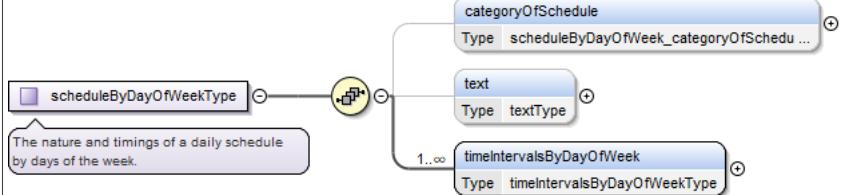
Namespace	http://www.ihc.int/S131/2.0
Annotations	The active period of a recurring event or occurrence.

Diagram	
Used by	Elements FeatureTypeType/periodicDateRange, InformationTypeType/periodicDateRange
Model	dateStart , dateEnd

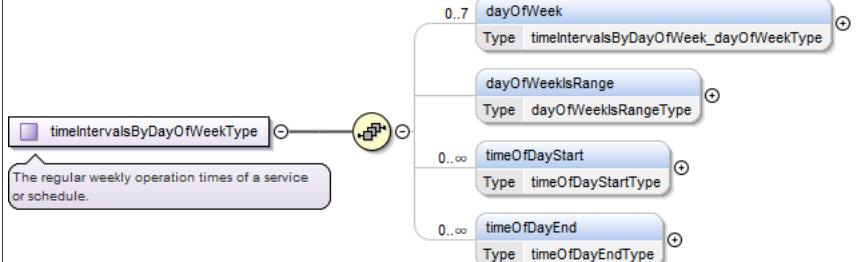
Complex Type rxNCodeType

Namespace	http://www.oho.int/S131/2.0
Annotations	A summary of the impact of the most common types of regulation, restriction, recommendation and nautical information on a vessel.
Diagram	
Used by	Elements AbstractRxNType/rxNCode, FeatureTypeType/rxNCode
Model	categoryOfRxN{0,1} , actionOrActivity{0,1} , headline*

Complex Type scheduleByDayOfWeekType

Namespace	http://www.oho.int/S131/2.0
Annotations	The nature and timings of a daily schedule by days of the week.
Diagram	
Used by	Element ServiceHoursType/scheduleByDayOfWeek
Model	categoryOfSchedule{0,1} , text{0,1} , timeIntervalsByDayOfWeek+

Complex Type timeIntervalsByDayOfWeekType

Namespace	http://www.oho.int/S131/2.0
Annotations	The regular weekly operation times of a service or schedule.
Diagram	
Used by	Element scheduleByDayOfWeekType/timeIntervalsByDayOfWeek
Model	dayOfWeek{0,7} , dayOfWeekIsRange{0,1} , timeOfDayStart* , timeOfDayEnd*

Complex Type spatialAccuracyType

Namespace	http://www.ihodata.org/S131/2.0
Annotations	Provides an indication of the vertical and horizontal positional uncertainty of bathymetric data, optionally within a specified date range.
Diagram	<pre> classDiagram qualityType < -- spatialAccuracyType qualityType < -- surveyDateRangeType qualityType < -- telecommunicationsType spatialAccuracyType --> fixedDateRangeType : spatialAccuracyType --> horizontalPositionUncertaintyType : spatialAccuracyType --> verticalUncertaintyType : </pre> <p>The diagram shows the UML class <code>spatialAccuracyType</code> which inherits from <code>qualityType</code>. It has three associations: one to <code>fixedDateRangeType</code>, one to <code>horizontalPositionUncertaintyType</code>, and one to <code>verticalUncertaintyType</code>. Each association is marked with a multiplicity of 0..1 at the <code>spatialAccuracyType</code> end.</p>
Used by	Element SpatialQualityType/spatialAccuracy
Model	<code>fixedDateRange{0,1}</code> , <code>horizontalPositionUncertainty{0,1}</code> , <code>verticalUncertainty{0,1}</code>

Complex Type verticalUncertaintyType

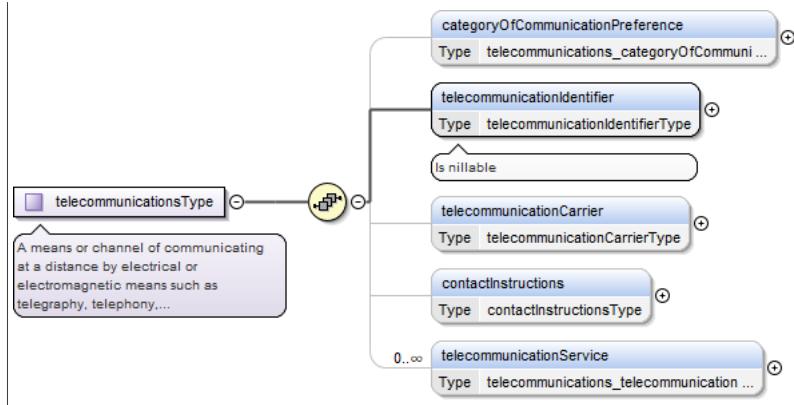
Namespace	http://www.ihodata.org/S131/2.0
Annotations	The best estimate of the vertical accuracy of depths, heights, vertical distances and vertical clearances.
Diagram	<pre> classDiagram qualityType < -- verticalUncertaintyType qualityType < -- surveyDateRangeType qualityType < -- telecommunicationsType verticalUncertaintyType --> uncertaintyFixedType : verticalUncertaintyType --> uncertaintyVariableFactorType : </pre> <p>The diagram shows the UML class <code>verticalUncertaintyType</code> which inherits from <code>qualityType</code>. It has two associations: one to <code>uncertaintyFixedType</code> and one to <code>uncertaintyVariableFactorType</code>. Both associations are marked with a multiplicity of 0..1 at the <code>verticalUncertaintyType</code> end.</p>
Used by	Elements QualityOfNonBathymetricDataType/verticalUncertainty, spatialAccuracyType/verticalUncertainty
Model	<code>uncertaintyFixed</code> , <code>uncertaintyVariableFactor{0,1}</code>

Complex Type surveyDateRangeType

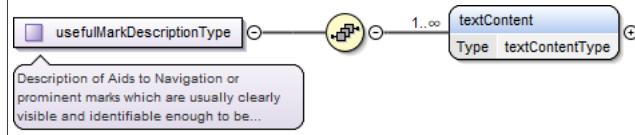
Namespace	http://www.ihodata.org/S131/2.0
Annotations	The complex attribute describes the period of the hydrographic survey, as the time between its sub-attributes.
Diagram	<pre> classDiagram qualityType < -- surveyDateRangeType qualityType < -- surveyDateRangeType qualityType < -- telecommunicationsType surveyDateRangeType --> dateStartType : surveyDateRangeType --> dateEndType : </pre> <p>The diagram shows the UML class <code>surveyDateRangeType</code> which inherits from <code>qualityType</code>. It has two associations: one to <code>dateStartType</code> and one to <code>dateEndType</code>. Both associations are marked with a multiplicity of 0..1 at the <code>surveyDateRangeType</code> end.</p>
Used by	Element QualityOfNonBathymetricDataType/surveyDateRange
Model	<code>dateStart{0,1}</code> , <code>dateEnd</code>

Complex Type telecommunicationsType

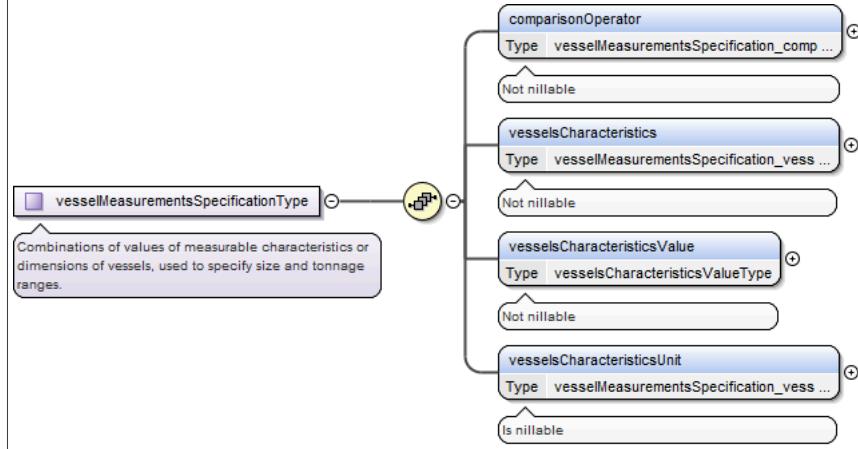
Namespace	http://www.ihodata.org/S131/2.0
Annotations	A means or channel of communicating at a distance by electrical or electromagnetic means such as telegraphy, telephony, or broadcasting.

Diagram	
Used by	Element ContactDetailsType/telecommunications
Model	categoryOfCommunicationPreference{0,1} , telecommunicationIdentifier , telecommunicationCarrier{0,1} , contactInstructions{0,1} , telecommunicationService*

Complex Type usefulMarkDescriptionType

Namespace	http://www.ihc.int/S131/2.0
Annotations	Description of Aids to Navigation or prominent marks which are usually clearly visible and identifiable enough to be used in determining location or direction.
Diagram	
Used by	Elements EntranceType/usefulMarkDescription, OuterLimitType/usefulMarkDescription
Model	textContent+

Complex Type vesselMeasurementsSpecificationType

Namespace	http://www.ihc.int/S131/2.0
Annotations	Combinations of values of measurable characteristics or dimensions of vessels, used to specify size and tonnage ranges.
Diagram	
Used by	Element ApplicabilityType/vesselMeasurementsSpecification
Model	comparisonOperator , vesselsCharacteristics , vesselsCharacteristicsValue , vesselsCharacteristicsUnit

Complex Type InformationTypeType

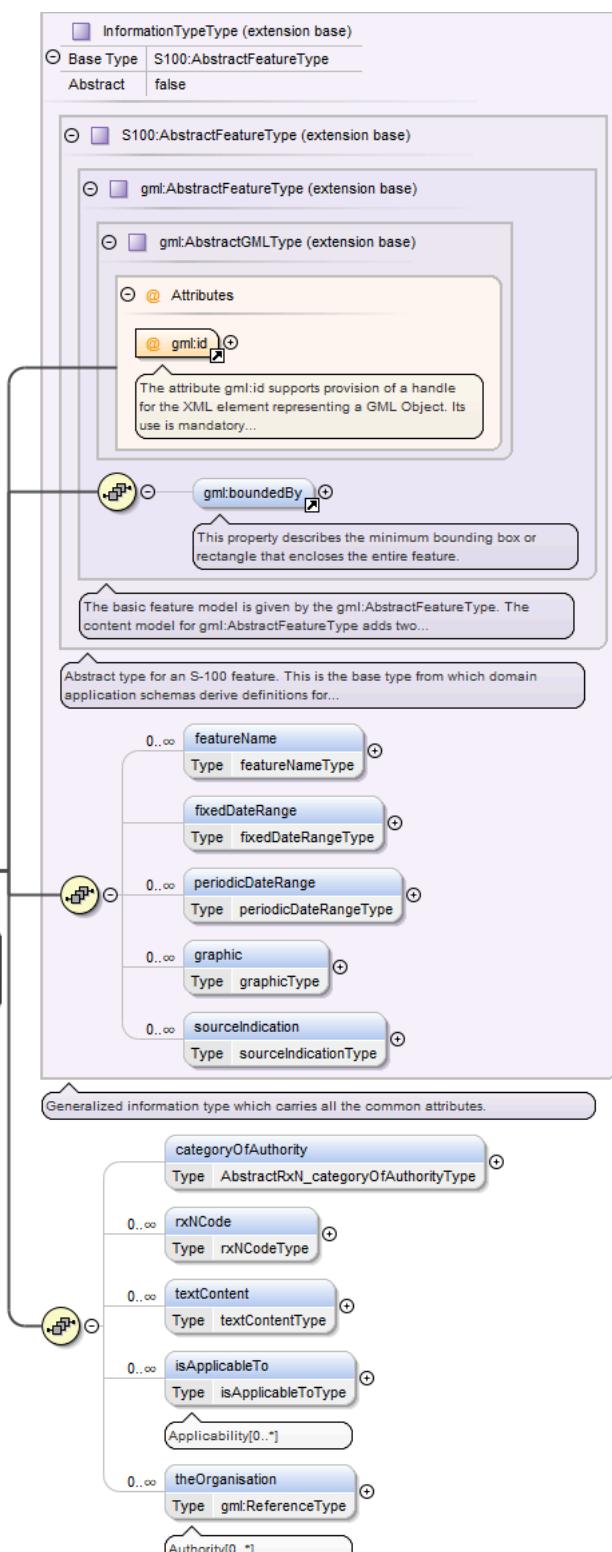
Namespace	http://www.ihc.int/S131/2.0
Annotations	Generalized information type which carries all the common attributes.

Diagram	<pre> classDiagram S100::AbstractFeatureType < -- gml::AbstractFeatureType gml::AbstractFeatureType < -- gml::AbstractGMLType gml::AbstractGMLType < -- InformationTypeType InformationTypeType "Generalized information type which carries all the common attributes." S100::AbstractFeatureType "Abstract type for an S-100 feature. This is the base type from which domain application schemas derive definitions for..." S100::AbstractFeatureType --> InformationTypeType S100::AbstractFeatureType --> gml::boundedBy gml::boundedBy --> S100::AbstractFeatureType InformationTypeType --> S100::AbstractFeatureType InformationTypeType --> gml::boundedBy gml::boundedBy --> InformationTypeType InformationTypeType --> featureName InformationTypeType --> fixedDateRange InformationTypeType --> periodicDateRange InformationTypeType --> graphic InformationTypeType --> sourceIndication </pre>									
Type	extension of AbstractFeatureType									
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType • AbstractFeatureType • InformationTypeType 									
Properties	abstract: false									
Used by	Complex Types AbstractRxNType, ApplicabilityType, AuthorityType, AvailablePortServicesType, ContactDetailsType, EntranceType, NonStandardWorkingDayType, ServiceHoursType									
Model	gml:boundedBy{0,1} , featureName* , fixedDateRange{0,1} , periodicDateRange* , graphic* , sourceIndication*									
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> </tr> <tr> <td></td> <td></td> <td>The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</td> </tr> </tbody> </table>	QName	Type	Use	gml:id	ID	required			The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.
QName	Type	Use								
gml:id	ID	required								
		The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.								

Complex Type AbstractRxNType

Namespace	http://www.ihc.int/S131/2.0
Annotations	An abstract superclass for information types that encode rules, recommendations, and general information in text or graphic form.

Diagram



Type	extension of InformationTypeType
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Type hierarchy	<ul style="list-style-type: none"> gml:AbstractGMLType gml:AbstractFeatureType AbstractFeatureType InformationTypeType AbstractRxNType
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Properties	abstract: false		
Used by	Complex Types NauticalInformationType, RecommendationsType, RegulationsType, RestrictionsType		
Model	gml:boundedBy{0,1} , featureName* , fixedDateRange{0,1} , periodicDateRange* , graphic* , sourceIndication* , categoryOfAuthority{0,1} , rxNCode* , textContent* , isApplicableTo* , theOrganisation*		
Attributes	QName gml:id	Type ID	Use required
	<p>The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>		

Complex Type isApplicableToType

Namespace	http://www.ihc.int/S131/2.0				
Annotations	The object or class of objects to which the regulation, restriction, recommendation, or nautical information applies				
Diagram	<pre> classDiagram class isApplicableToType { <<Base Type gml:ReferenceType>> "The object or class of objects to which the regulation, restriction, recommendation, or nautical information applies" } class gmlReferenceType { <<extension base>> "gml:ReferenceType (extension base)" class Attributes { gmlOwnershipAttributeGroup gmlAssociationAttributeGroup } "Encoding a GML property inline vs. by-reference shall not imply anything about the 'ownership' of the contained or... XLink components are the standard method to support hypertext referencing in XML. An XML Schema attribute group,..." } isApplicableToType --> gmlReferenceType isApplicableToType < -- InclusionType gmlReferenceType < -- InclusionType gmlReferenceType --> gmlOwnershipAttributeGroup gmlReferenceType --> gmlAssociationAttributeGroup note over gmlReferenceType: gml:ReferenceType is intended to be used in application schemas directly, if a property element shall use a... </pre>				
Type	extension of gml:ReferenceType				
Type hierarchy	<ul style="list-style-type: none"> • gml:ReferenceType <ul style="list-style-type: none"> • isApplicableToType 				
Used by	Element AbstractRxNType/isApplicableTo				
Model	InclusionType				
Attributes	QName nilReason owns xlink:actuate xlink:arcrole xlink:href xlink:role xlink:show xlink:title xlink:type	Type gml:NilReasonType boolean xlink:actuateType xlink:arcroleType xlink:hrefType xlink:roleType xlink:showType xlink:titleAttrType xlink:typeType	Fixed simple	Default 	Use optional optional optional optional optional optional optional optional optional

Complex Type InclusionTypeType

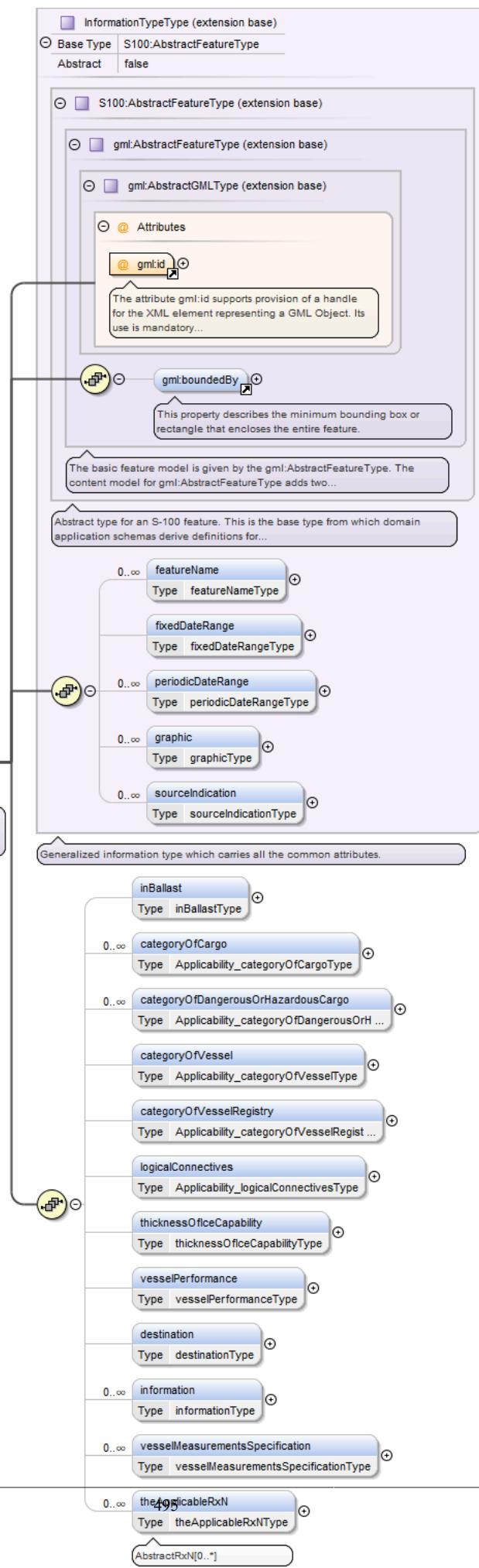
Namespace	http://www.ihc.int/S131/2.0
-----------	-----------------------------

Annotations	Association class specifying the relationship between the subset of vessels described by an APPLIC data object and a regulation (restriction, recommendation, or nautical information).						
Diagram	<pre> classDiagram class InclusionTypeType { <<Association class specifying the relationship between the subset of vessels described by an APPLIC data object and a regulation (restriction, recommendation, or nautical information).>> } class Attributes { <<@ Attributes</i> } class gml:id { <<@ gml:id</i> } class membership { <<membership</i> } class membershipType { <<membershipType</i> } InclusionTypeType "1" -- "*" Attributes : @ gml:id InclusionTypeType "*" -- "1" membership : membershipType </pre> <p>The diagram shows the UML class <code>InclusionTypeType</code>. It has an association named <code>@ gml:id</code> with multiplicity 1..* at the <code>InclusionTypeType</code> end and 0..1 at the <code>Attributes</code> end. It also has an association named <code>membership</code> with multiplicity *..* at the <code>InclusionTypeType</code> end and 1..1 at the <code>membership</code> end.</p>						
Used by	Elements <code>isApplicableToType/InclusionType</code> , <code>theApplicableRxNType/InclusionType</code>						
Model	membership						
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td><code>gml:id</code></td> <td>ID</td> <td>optional</td> </tr> </tbody> </table> <p>The attribute <code>gml:id</code> supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>	QName	Type	Use	<code>gml:id</code>	ID	optional
QName	Type	Use					
<code>gml:id</code>	ID	optional					

Complex Type ApplicabilityType

Namespace	http://www.ihc.int/S131/2.0
Annotations	Describes the relationship between vessel characteristics and: (i) the applicability of an associated information object or feature to the vessel; or, (ii) the use of a facility, place, or service by the vessel; or, (iii) passage of the vessel through an area.

Diagram



Type	extension of InformationTypeType											
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType <ul style="list-style-type: none"> • AbstractFeatureType • InformationTypeType • ApplicabilityType 											
Properties	abstract: false											
Used by	Element Applicability											
Model	gml:boundedBy{0,1} , featureName* , fixedDateRange{0,1} , periodicDateRange* , graphic* , sourceIndication* , inBallast{0,1} , categoryOfCargo* , categoryOfDangerousOrHazardousCargo* , categoryOfVessel{0,1} , categoryOfVesselRegistry{0,1} , logicalConnectives{0,1} , thicknessOfIceCapability{0,1} , vesselPerformance{0,1} , destination{0,1} , information* , vesselMeasurementsSpecification* , theApplicableRxN*											
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> </tbody> </table>	QName	Type	Use		gml:id	ID	required		<p>The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>		
QName	Type	Use										
gml:id	ID	required										

Complex Type theApplicableRxNType

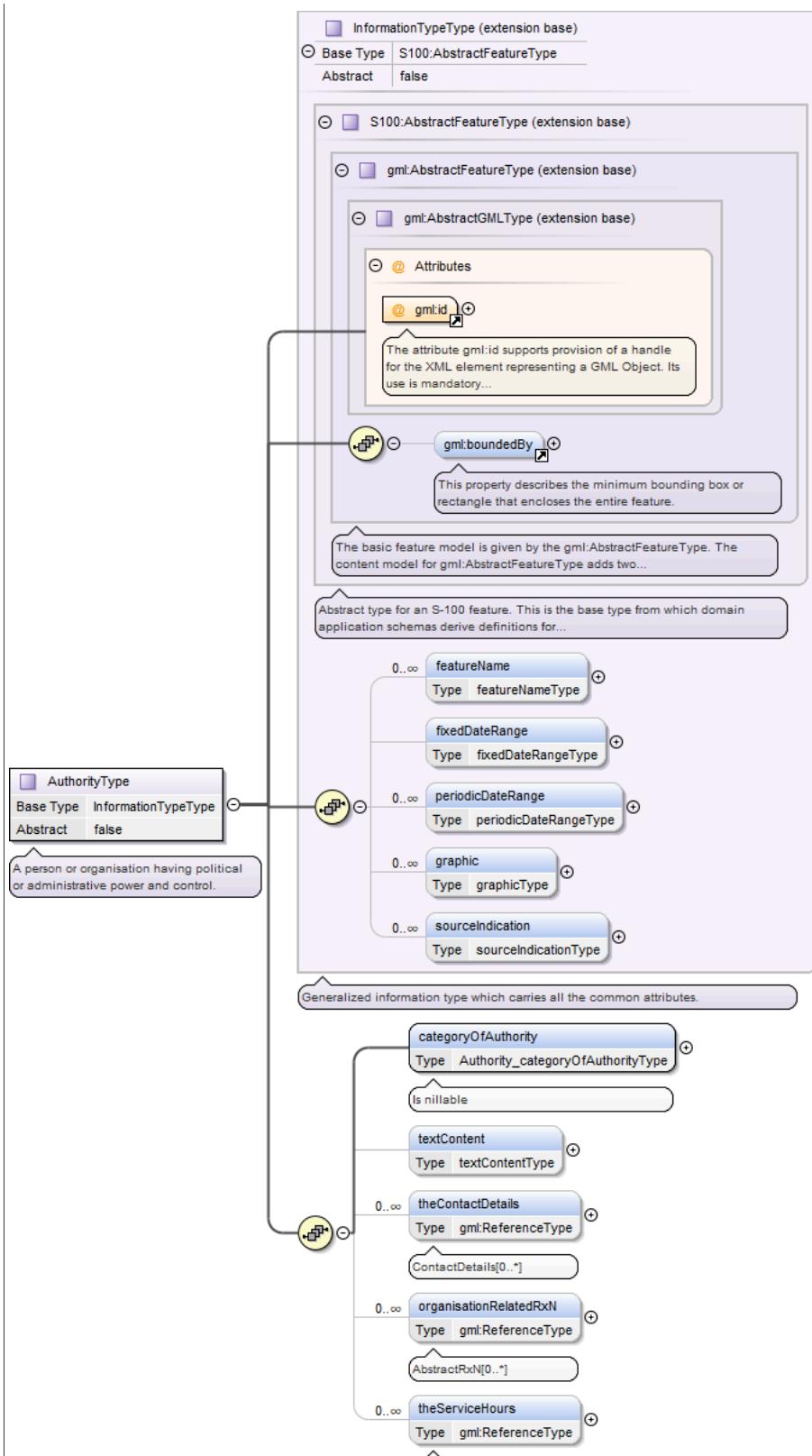
Namespace	http://www.ihc.int/S131/2.0																									
Annotations	The applicable regulation, restriction, recommendation or nautical information																									
Diagram	<pre> classDiagram class theApplicableRxNType { <<Base Type gml:ReferenceType>> <<The applicable regulation, restriction, recommendation or nautical information>> } class gml { class ReferenceType { <<extension base>> <<Attributes>> <<gml:OwnershipAttributeGroup>> <<gml:AssociationAttributeGroup>> } } theApplicableRxNType < -- gml:ReferenceType gml:ReferenceType < -- InclusionType InclusionType < -- InclusionTypeType </pre> <p>The diagram illustrates the inheritance relationship between theApplicableRxNType and gml:ReferenceType. It also shows the structure of gml:ReferenceType, which includes ownership and association attribute groups. A note indicates that gml:ReferenceType is intended for application schemas directly.</p>																									
Type	extension of gml:ReferenceType																									
Type hierarchy	<ul style="list-style-type: none"> • gml:ReferenceType <ul style="list-style-type: none"> • theApplicableRxNType 																									
Used by	Element ApplicabilityType/theApplicableRxN																									
Model	InclusionType																									
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Fixed</th> <th>Default</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>nilReason</td> <td>gml:NilReasonType</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>owns</td> <td>boolean</td> <td></td> <td>false</td> <td>optional</td> </tr> <tr> <td>xlink:actuate</td> <td>xlink:actuateType</td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td>xlink:arcrole</td> <td>xlink:arcroleType</td> <td></td> <td></td> <td>optional</td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	nilReason	gml:NilReasonType			optional	owns	boolean		false	optional	xlink:actuate	xlink:actuateType			optional	xlink:arcrole	xlink:arcroleType			optional
QName	Type	Fixed	Default	Use																						
nilReason	gml:NilReasonType			optional																						
owns	boolean		false	optional																						
xlink:actuate	xlink:actuateType			optional																						
xlink:arcrole	xlink:arcroleType			optional																						

QName	Type	Fixed	Default	Use
xlink:href	xlink:hrefType			optional
xlink:role	xlink:roleType			optional
xlink:show	xlink:showType			optional
xlink:title	xlink:titleAttrType			optional
xlink:type	xlink:typeType	simple		optional

Complex Type AuthorityType

Namespace	http://www.ihc.int/S131/2.0
Annotations	A person or organisation having political or administrative power and control.

Diagram



Type	extension of <code>InformationTypeType</code>
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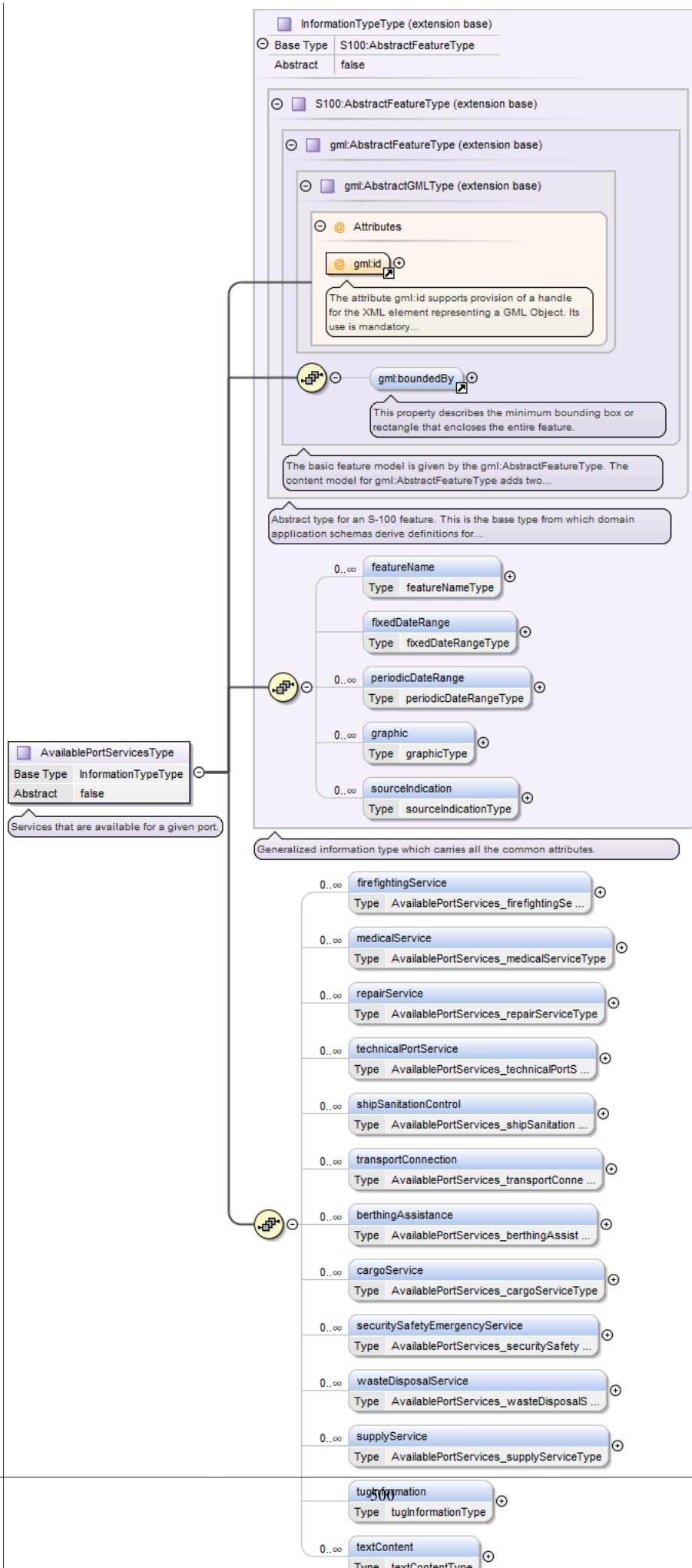
Type hierarchy	<ul style="list-style-type: none"> • <code>gml:AbstractGMLType</code> • <code>gml:AbstractFeatureType</code> • <code>AbstractFeatureType</code>
----------------	--

	<ul style="list-style-type: none"> • InformationTypeType • AuthorityType 												
Properties	abstract: false												
Used by	Element Authority												
Model	gml:boundedBy{0,1} , featureName* , fixedDateRange{0,1} , periodicDateRange* , graphic* , sourceIndication* , categoryOfAuthority , textContent{0,1} , theContactDetails* , organisationRelatedRxN* , theServiceHours*												
Attributes	<table border="1"> <thead> <tr> <th>QName</th><th>Type</th><th>Use</th><th></th></tr> </thead> <tbody> <tr> <td>gml:id</td><td>ID</td><td>required</td><td></td></tr> <tr> <td></td><td></td><td>The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</td><td></td></tr> </tbody> </table>	QName	Type	Use		gml:id	ID	required				The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.	
QName	Type	Use											
gml:id	ID	required											
		The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.											

Complex Type AvailablePortServicesType

Namespace	http://www.ihc.int/S131/2.0
Annotations	Services that are available for a given port.

Diagram

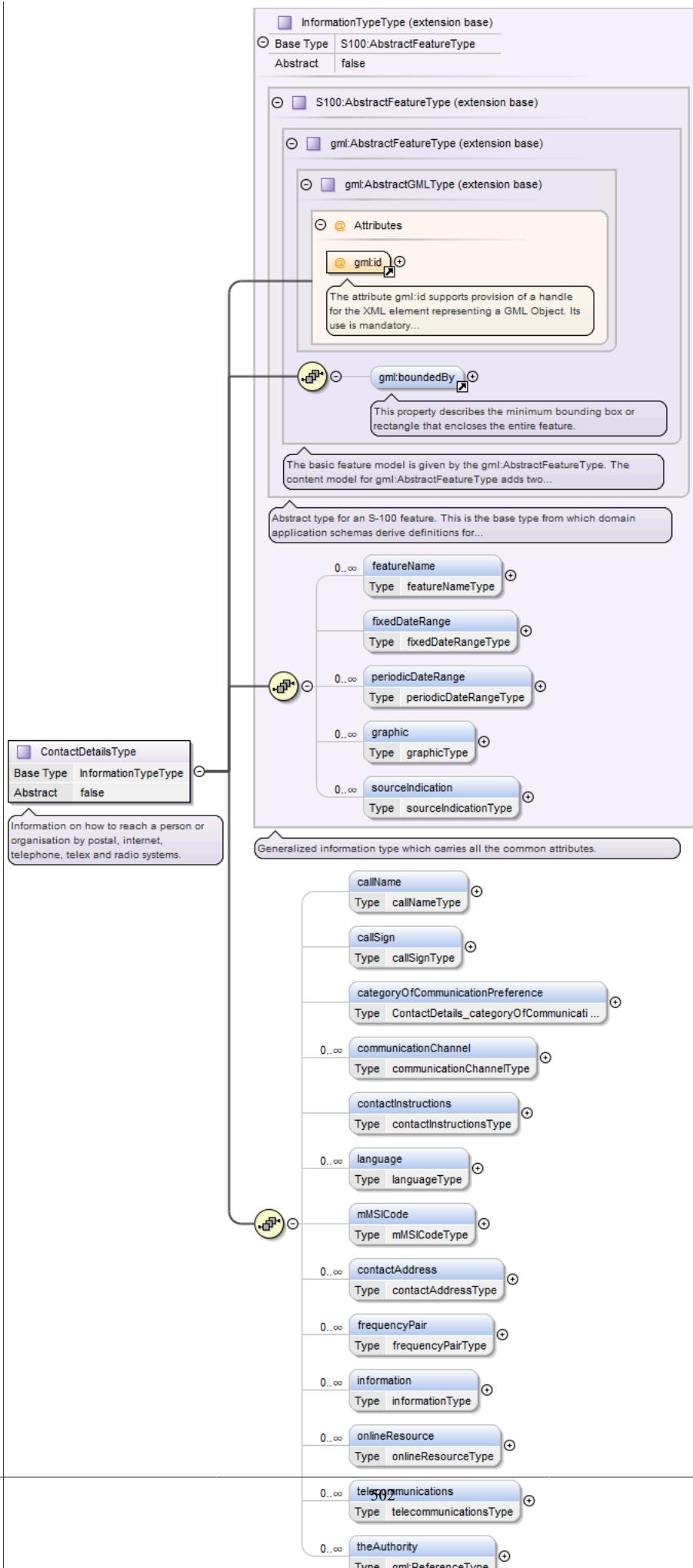


Type	extension of InformationTypeType										
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType <ul style="list-style-type: none"> • AbstractFeatureType • InformationTypeType • AvailablePortServicesType 										
Properties	abstract: false										
Used by	Element AvailablePortServices										
Model	gml:boundedBy{0,1} , featureName* , fixedDateRange{0,1} , periodicDateRange* , graphic* , sourceIndication* , firefightingService* , medicalService* , repairService* , technicalPortService* , shipSanitationControl* , transportConnection* , berthingAssistance* , cargoService* , securitySafetyEmergencyService* , wasteDisposalService* , supplyService* , tugInformation{0,1} , textContent*										
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> </tbody> </table>	QName	Type	Use		gml:id	ID	required		<p>The attribute <code>gml:id</code> supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>	
QName	Type	Use									
gml:id	ID	required									

Complex Type ContactDetailsType

Namespace	http://www.ihc.int/S131/2.0
Annotations	Information on how to reach a person or organisation by postal, internet, telephone, telex and radio systems.

Diagram

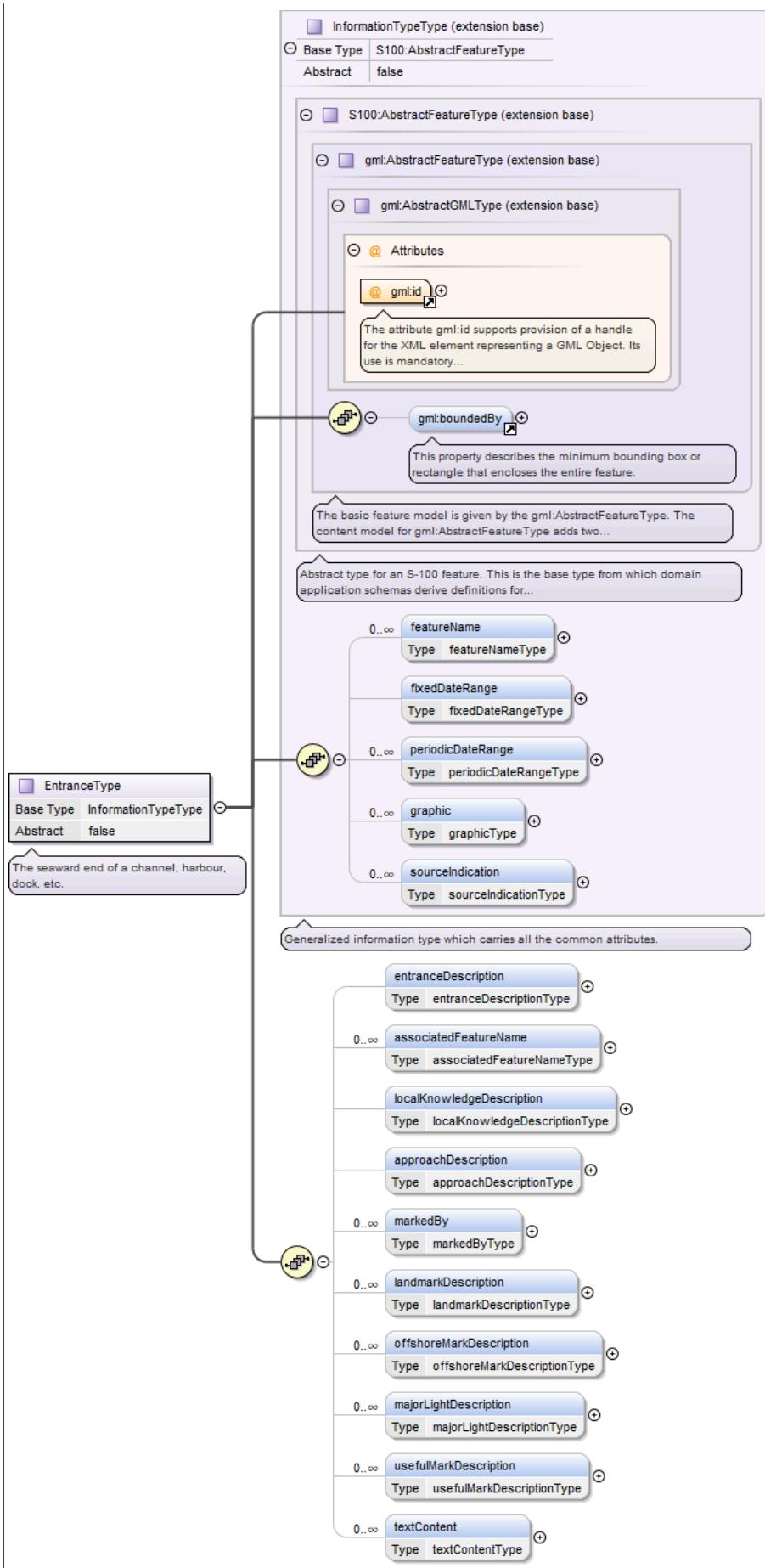


Type	extension of InformationTypeType		
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType <ul style="list-style-type: none"> • AbstractFeatureType • InformationTypeType • ContactDetailsType 		
Properties	abstract: false		
Used by	Element ContactDetails		
Model	gml:boundedBy{0,1} , featureName* , fixedDateRange{0,1} , periodicDateRange* , graphic* , sourceIndication* , callName{0,1} , callSign{0,1} , categoryOfCommunicationPreference{0,1} , communicationChannel* , contactInstructions{0,1} , language* , mMSICode{0,1} , contactAddress* , frequencyPair* , information* , onlineResource* , telecommunications* , theAuthority*		
Attributes	QName gml:id	Type	Use
		ID	required
	<p>The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>		

Complex Type EntranceType

Namespace	http://www.ihc.int/S131/2.0
Annotations	The seaward end of a channel, harbour, dock, etc.

Diagram



Type	extension of InformationTypeType		
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType • AbstractFeatureType • InformationTypeType • EntranceType 		
Properties	abstract: false		
Used by	Element Entrance		
Model	gml:boundedBy{0,1} , featureName* , fixedDateRange{0,1} , periodicDateRange* , graphic* , sourceIndication* , entranceDescription{0,1} , associatedFeatureName* , localKnowledgeDescription{0,1} , approachDescription{0,1} , markedBy* , landmarkDescription* , offshoreMarkDescription* , majorLightDescription* , usefulMarkDescription* , textContent*		
Attributes	QName	Type	Use
		ID	required
	<p>The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>		

Complex Type NauticalInformationType

Namespace	http://www.ihc.int/S131/2.0
Annotations	Nautical information about a related area or facility.

Diagram

	<pre> classDiagram class AbstractRxNType { <<extension base>> <<Base Type>> InformationTypeType <<Abstract>> false } class InformationTypeType { <<extension base>> <<Base Type>> S100:AbstractFeatureType <<Abstract>> false } class S100:AbstractFeatureType { <<extension base>> class gml:AbstractFeatureType { <<extension base>> class gml:AbstractGMLType { <<extension base>> <<Attributes>> @ gml:id <<Description>> The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory... gmt:boundedBy <<Description>> This property describes the minimum bounding box or rectangle that encloses the entire feature. <<Description>> The basic feature model is given by the gml:AbstractFeatureType. The content model for gml:AbstractFeatureType adds two... <<Description>> Abstract type for an S-100 feature. This is the base type from which domain application schemas derive definitions for... <<Attributes>> 0..>> featureName <<Type>> featureNameType fixedDateRange <<Type>> fixedDateRangeType 0..>> periodicDateRange <<Type>> periodicDateRangeType 0..>> graphic <<Type>> graphicType 0..>> sourceIndication <<Type>> sourceIndicationType <<Description>> Generalized information type which carries all the common attributes. categoryOfAuthority <<Type>> AbstractRxN_categoryOfAuthorityType 0..>> rxNCode <<Type>> rxNCodeType 0..>> textContent <<Type>> textContentType 0..>> isApplicableTo <<Type>> isApplicableToType <<Description>> Applicability[0..*] 0..>> theOrganisation <<Type>> gml:ReferenceType <<Description>> Authority[0..*] } } } class NauticalInformationType { <<Base Type>> AbstractRxNType <<Abstract>> false <<Description>> Nautical information about a related area or facility. } NauticalInformationType --> gml:AbstractFeatureType NauticalInformationType --> gml:AbstractGMLType gml:AbstractFeatureType --> gml:AbstractFeatureType gml:AbstractGMLType --> gml:AbstractGMLType </pre>
Type	extension of AbstractRxNType

Type hierarchy	<ul style="list-style-type: none"> • <code>gml:AbstractGMLType</code> <ul style="list-style-type: none"> • <code>gml:AbstractFeatureType</code> • <code>AbstractFeatureType</code> • <code>InformationTypeType</code> • <code>AbstractRxNType</code> • <code>NauticalInformationType</code> 								
Properties	<code>abstract:</code> false								
Used by	Element NauticalInformation								
Model	<code>gml:boundedBy{0,1}</code> , <code>featureName*</code> , <code>fixedDateRange{0,1}</code> , <code>periodicDateRange*</code> , <code>graphic*</code> , <code>sourceIndication*</code> , <code>categoryOfAuthority{0,1}</code> , <code>rxNCode*</code> , <code>textContent*</code> , <code>isApplicableTo*</code> , <code>theOrganisation*</code>								
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; padding: 2px;">QName</th> <th style="text-align: left; padding: 2px;">Type</th> <th style="text-align: left; padding: 2px;">Use</th> <th style="text-align: left; padding: 2px;"></th> </tr> </thead> <tbody> <tr> <td style="padding: 2px;">gml:id</td><td style="padding: 2px;">ID</td><td style="padding: 2px;">required</td><td style="padding: 2px;"></td></tr> </tbody> </table> <p>The attribute <code>gml:id</code> supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>	QName	Type	Use		gml:id	ID	required	
QName	Type	Use							
gml:id	ID	required							

Complex Type NonStandardWorkingDayType

Namespace	http://www.ihodata.com/S131/2.0
Annotations	Days when many services are not available. Often days of festivity or recreation or public holidays when normal working hours are limited, especially a national or religious festival, etc.

Diagram	<pre> classDiagram class NonStandardWorkingDayType { <<InformationTypeType extension base>> <<Base Type S100:AbstractFeatureType>> <<Abstract false>> <<Days when many services are not available. Often days of festivity or recreation or public holidays when normal working...>> } class InformationTypeType { <<S100:AbstractFeatureType extension base>> <<gml:AbstractFeatureType extension base>> <<gml:AbstractGMLType extension base>> <<Attributes>> <<gml:id>> <<The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory...>> <<gml:boundedBy>> <<This property describes the minimum bounding box or rectangle that encloses the entire feature.>> <<featureName 0..oo>> <<fixedDateRange 0..oo>> <<periodicDateRange 0..oo>> <<graphic 0..oo>> <<sourceIndication 0..oo>> <<Generalized information type which carries all the common attributes.>> <<dateFixed 0..oo>> <<dateVariable 0..oo>> <<information 0..oo>> } NonStandardWorkingDayType --> InformationTypeType </pre>						
Type	extension of InformationTypeType						
Type hierarchy	<ul style="list-style-type: none"> gml:AbstractGMLType gml:AbstractFeatureType AbstractFeatureType InformationTypeType NonStandardWorkingDayType 						
Properties	abstract: false						
Used by	Element NonStandardWorkingDay						
Model	gml:boundedBy{0,1} , featureName* , fixedDateRange{0,1} , periodicDateRange* , graphic* , sourceIndication* , dateFixed* , dateVariable* , information*						
Attributes	<table border="1"> <thead> <tr> <th>QName</th><th>Type</th><th>Use</th></tr> </thead> <tbody> <tr> <td>gml:id</td><td>ID</td><td>required</td></tr> </tbody> </table>	QName	Type	Use	gml:id	ID	required
QName	Type	Use					
gml:id	ID	required					

QName	Type	Use
	The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.	

Complex Type RecommendationsType

Namespace	http://www.ihc.int/S131/2.0
Annotations	Recommendations for a related area or facility.

Diagram

	<pre> classDiagram class AbstractRxNType { <<extension base>> <<Base Type>> InformationTypeType <<Abstract>> false } class InformationTypeType { <<extension base>> <<Base Type>> S100:AbstractFeatureType <<Abstract>> false } class S100:AbstractFeatureType { <<extension base>> <<gml:AbstractFeatureType>> (extension base) <<gml:AbstractGMLType>> (extension base) <<Attributes>> <<@ gml:id>> The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory... <<gmt:boundedBy>> This property describes the minimum bounding box or rectangle that encloses the entire feature. <<The basic feature model is given by the gml:AbstractFeatureType. The content model for gml:AbstractFeatureType adds two...>> <<Abstract type for an S-100 feature. This is the base type from which domain application schemas derive definitions for...>> <<featureName>> 0..oo <<fixedDateRange>> 0..oo <<periodicDateRange>> 0..oo <<graphic>> 0..oo <<sourcelnformation>> 0..oo } class RecommendationsType { <<RecommendationsType>> <<Base Type>> AbstractRxNType <<Abstract>> false } class AbstractRxNType { <<Generalized information type which carries all the common attributes.>> <<categoryOfAuthority>> 0..oo <<rxNCode>> 0..oo <<textContent>> 0..oo <<isApplicableTo>> 0..oo <<theOrganisation>> 0..oo } class RecommendationsType { <<An abstract superclass for information types that encode rules, recommendations, and general information in text or...>> } </pre>
Type	extension of AbstractRxNType

Type hierarchy	<ul style="list-style-type: none"> • <code>gml:AbstractGMLType</code> • <code>gml:AbstractFeatureType</code> • <code>AbstractFeatureType</code> • <code>InformationTypeType</code> • <code>AbstractRxNType</code> • <code>RecommendationsType</code> 						
Properties	<code>abstract:</code> false						
Used by	Element Recommendations						
Model	<code>gml:boundedBy{0,1}</code> , <code>featureName*</code> , <code>fixedDateRange{0,1}</code> , <code>periodicDateRange*</code> , <code>graphic*</code> , <code>sourceIndication*</code> , <code>categoryOfAuthority{0,1}</code> , <code>rxNCode*</code> , <code>textContent*</code> , <code>isApplicableTo*</code> , <code>theOrganisation*</code>						
Attributes	<table border="1" style="width: 100%;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td><code>gml:id</code></td> <td>ID</td> <td>required</td> </tr> </tbody> </table> <p>The attribute <code>gml:id</code> supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>	QName	Type	Use	<code>gml:id</code>	ID	required
QName	Type	Use					
<code>gml:id</code>	ID	required					

Complex Type **RegulationsType**

Namespace	http://www.ihc.int/S131/2.0
Annotations	Regulations for a related area or facility.

Diagram

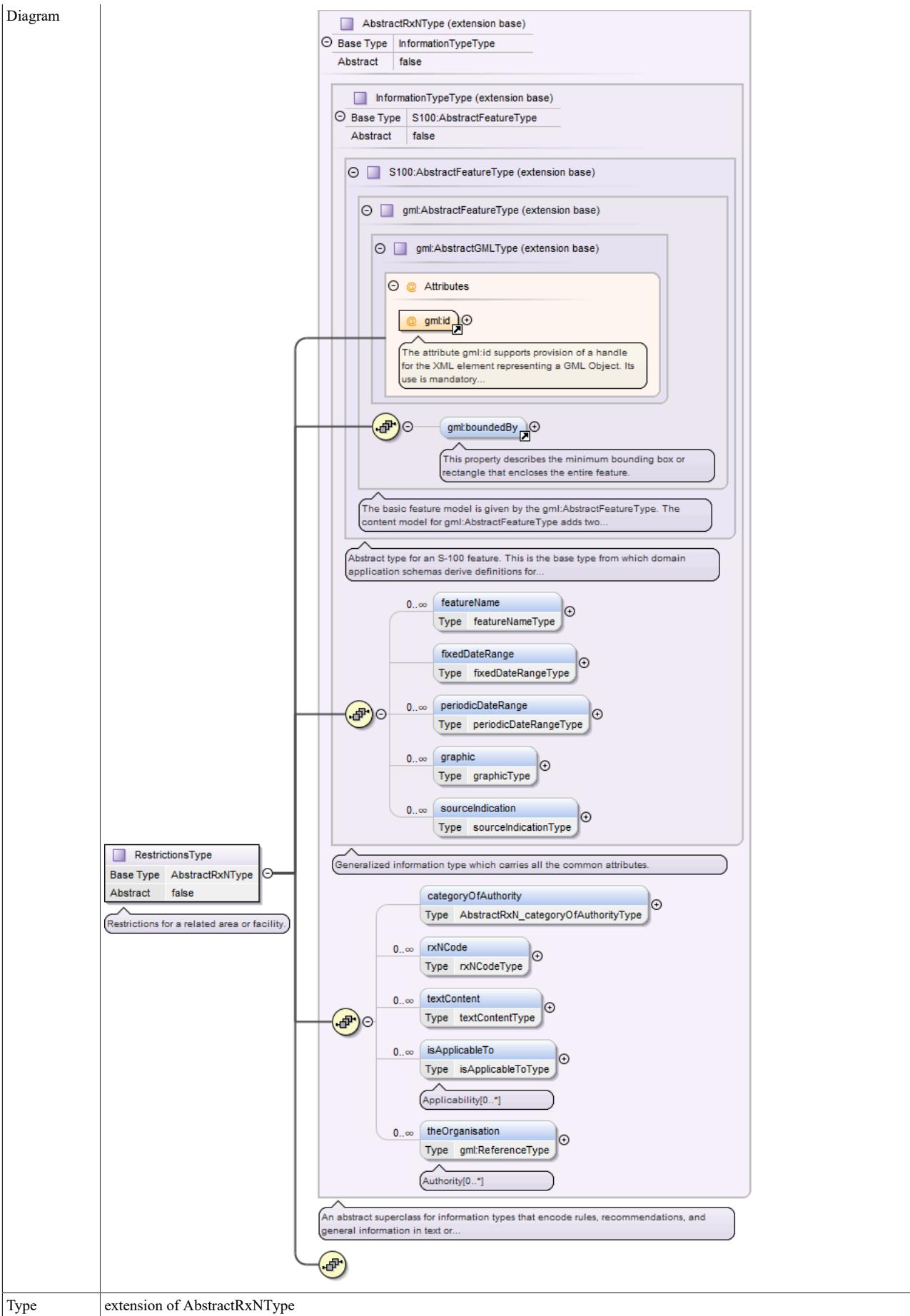
	<pre> classDiagram class RegulationsType { <<Regulations for a related area or facility.>> } class AbstractRxNType { <<An abstract superclass for information types that encode rules, recommendations, and general information in text or...>> } class AbstractRxNType { <<Abstract type for an S-100 feature. This is the base type from which domain application schemas derive definitions for...>> } class InformationTypeType { <<The basic feature model is given by the gml:AbstractFeatureType. The content model for gml:AbstractFeatureType adds two...>> } class S100AbstractFeatureType { <<S100:AbstractFeatureType (extension base)>> } class gmlAbstractFeatureType { <<gmt:boundedBy>> <<This property describes the minimum bounding box or rectangle that encloses the entire feature.>> } class gmlAbstractGMLType { <<@ Attributes>> <<@ gml:id>> <<The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory...>> } class gmlAbstractFeatureType { <<gmt:boundedBy>> <<This property describes the minimum bounding box or rectangle that encloses the entire feature.>> } class S100AbstractFeatureType { <<InformationTypeType (extension base)>> <<Base Type S100:AbstractFeatureType>> <<Abstract false>> } class InformationTypeType { <<AbstractRxNType (extension base)>> <<Base Type InformationTypeType>> <<Abstract false>> } class AbstractRxNType { <<AbstractRxNType (extension base)>> <<Base Type AbstractRxNType>> <<Abstract false>> } </pre>
Type	extension of AbstractRxNType

Type hierarchy	<ul style="list-style-type: none"> • <code>gml:AbstractGMLType</code> <ul style="list-style-type: none"> • <code>gml:AbstractFeatureType</code> <ul style="list-style-type: none"> • <code>AbstractFeatureType</code> • <code>InformationTypeType</code> • <code>AbstractRxNType</code> • <code>RegulationsType</code> 								
Properties	<code>abstract:</code> false								
Used by	Element Regulations								
Model	<code>gml:boundedBy{0,1}</code> , <code>featureName*</code> , <code>fixedDateRange{0,1}</code> , <code>periodicDateRange*</code> , <code>graphic*</code> , <code>sourceIndication*</code> , <code>categoryOfAuthority{0,1}</code> , <code>rxNCode*</code> , <code>textContent*</code> , <code>isApplicableTo*</code> , <code>theOrganisation*</code>								
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; padding: 2px;">QName</th> <th style="text-align: left; padding: 2px;">Type</th> <th style="text-align: left; padding: 2px;">Use</th> <th style="text-align: left; padding: 2px;"></th> </tr> </thead> <tbody> <tr> <td style="padding: 2px;">gml:id</td><td style="padding: 2px;">ID</td><td style="padding: 2px;">required</td><td style="padding: 2px;"></td></tr> </tbody> </table> <p>The attribute <code>gml:id</code> supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>	QName	Type	Use		gml:id	ID	required	
QName	Type	Use							
gml:id	ID	required							

Complex Type **RestrictionsType**

Namespace	http://www.ihc.int/S131/2.0
Annotations	Restrictions for a related area or facility.

Diagram



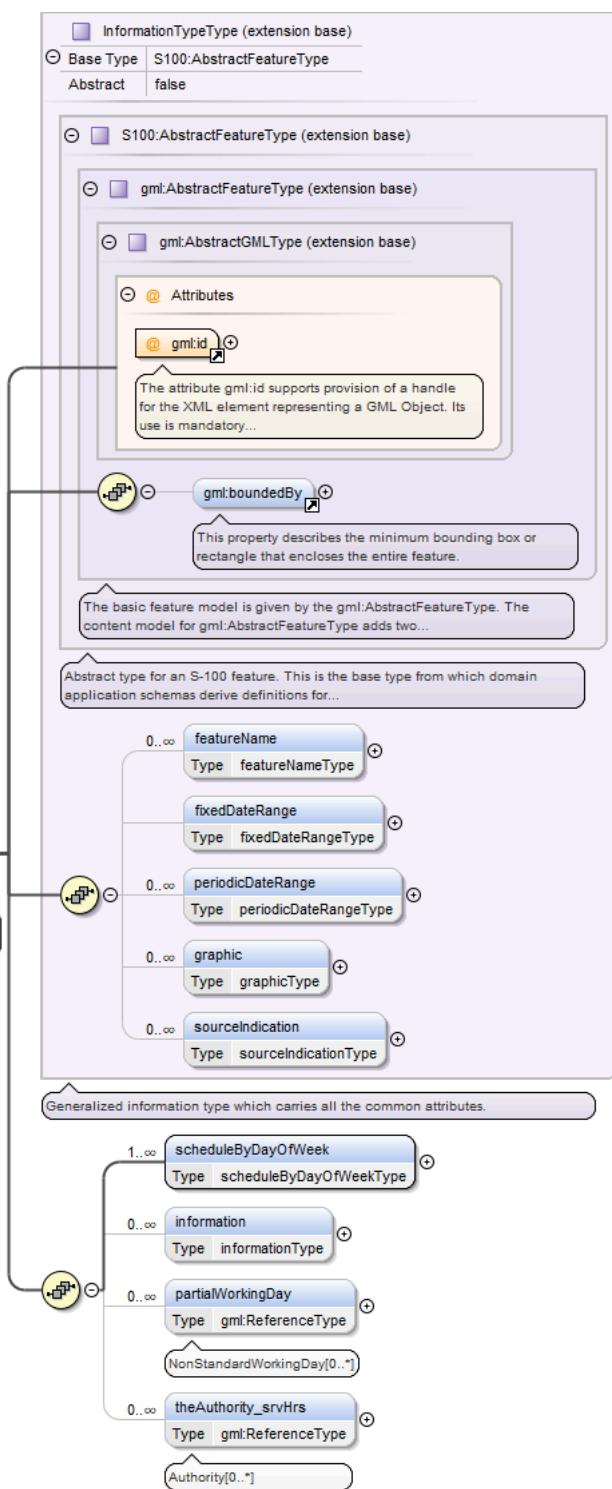
Type extension of `AbstractRxNType`

Type hierarchy	<ul style="list-style-type: none"> • <code>gml:AbstractGMLType</code> • <code>gml:AbstractFeatureType</code> • <code>AbstractFeatureType</code> • <code>InformationTypeType</code> • <code>AbstractRxNType</code> • <code>RestrictionsType</code> 						
Properties	<code>abstract:</code> false						
Used by	Element Restrictions						
Model	<code>gml:boundedBy{0,1}</code> , <code>featureName*</code> , <code>fixedDateRange{0,1}</code> , <code>periodicDateRange*</code> , <code>graphic*</code> , <code>sourceIndication*</code> , <code>categoryOfAuthority{0,1}</code> , <code>rxNCode*</code> , <code>textContent*</code> , <code>isApplicableTo*</code> , <code>theOrganisation*</code>						
Attributes	<table border="1"> <thead> <tr> <th>QName</th><th>Type</th><th>Use</th></tr> </thead> <tbody> <tr> <td><code>gml:id</code></td><td>ID</td><td>required</td></tr> </tbody> </table> <p>The attribute <code>gml:id</code> supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>	QName	Type	Use	<code>gml:id</code>	ID	required
QName	Type	Use					
<code>gml:id</code>	ID	required					

Complex Type ServiceHoursType

Namespace	http://www.ihc.int/S131/2.0
Annotations	The time when a service is available and known exceptions.

Diagram



Type	extension of <code>InformationTypeType</code>
Type hierarchy	<ul style="list-style-type: none"> • <code>gml:AbstractGMLType</code> • <code>gml:AbstractFeatureType</code> • <code>AbstractFeatureType</code> • <code>InformationTypeType</code> • <code>ServiceHoursType</code>
Properties	abstract: false

Used by	Element	ServiceHours	
Model	gml:boundedBy{0,1} , featureName* , fixedDateRange{0,1} , periodicDateRange* , graphic* , sourceIndication* , scheduleBy-DayOfWeek+ , information* , partialWorkingDay* , theAuthority_srvHrs*		
Attributes	QName gml:id	Type ID	Use required
	<p>The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>		

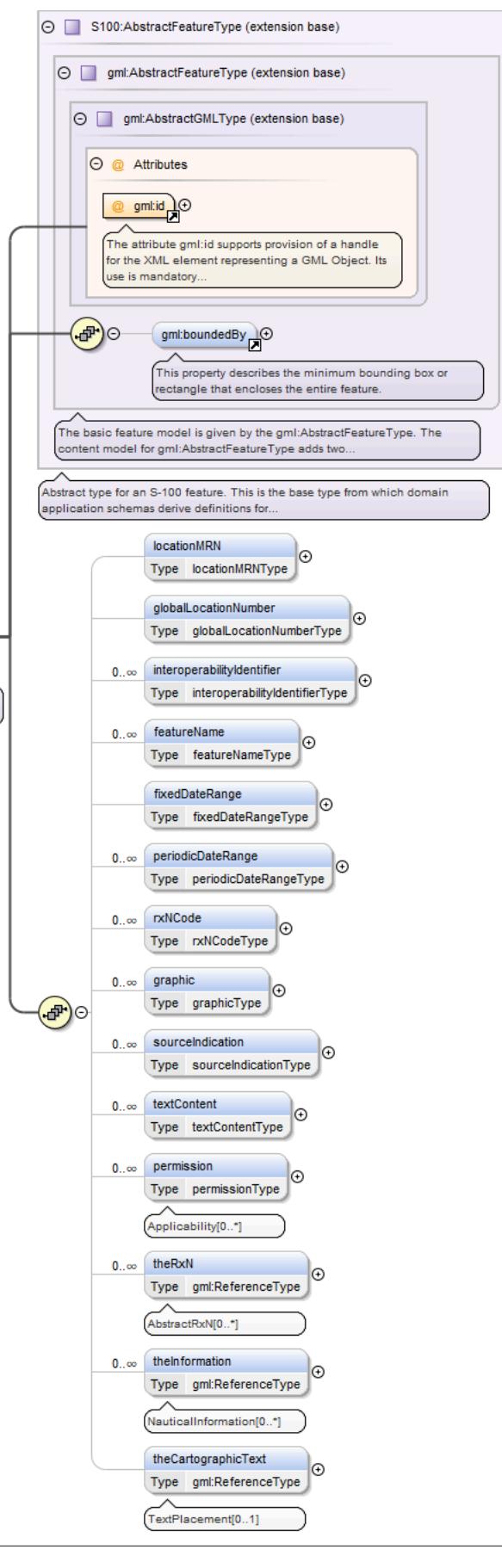
Complex Type SpatialQualityType

Namespace	http://www.ihc.int/S131/2.0		
Annotations	The indication of the quality of the locational information for features in a dataset.		
Diagram	<p>The diagram illustrates the inheritance path of the SpatialQualityType complex type. It starts with the S100:AbstractFeatureType (extension base), which is itself an abstract type. This is followed by the gml:AbstractFeatureType and gml:AbstractGMLType (both extension bases). The gml:AbstractGMLType has an attribute gml:id (type ID) with a detailed annotation: "The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs." Below this, the gml:AbstractFeatureType has a property gml:boundedBy (type BoundedByType) with a detailed annotation: "This property describes the minimum bounding box or rectangle that encloses the entire feature." The SpatialQualityType is defined as an extension of gml:AbstractFeatureType. It has a detailed annotation: "The indication of the quality of the locational information for features in a dataset." Additionally, it includes a reference to the qualityOfHorizontalMeasurement element (type SpatialQuality_qualityOfHorizontalMe...), which is marked as abstract. The SpatialQualityType also contains a reference to the spatialAccuracy element (type spatialAccuracyType), with a multiplicity of 0..oo.</p>		
Type	extension of AbstractFeatureType		
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType • AbstractFeatureType • SpatialQualityType 		
Properties	abstract:	false	
Used by	Element	SpatialQuality	
Model	gml:boundedBy{0,1} , qualityOfHorizontalMeasurement{0,1} , spatialAccuracy*		
Attributes	QName gml:id	Type ID	Use required
	<p>The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>		

Complex Type **FeatureTypeType**

Namespace	http://www.ihc.int/S131/2.0
Annotations	Generalized feature type which carries all the common attributes.

Diagram



Type	extension of AbstractFeatureType
------	----------------------------------

Type hierarchy	<ul style="list-style-type: none"> • <code>gml:AbstractGMLType</code> • <code>gml:AbstractFeatureType</code> • <code>AbstractFeatureType</code> • <code>FeatureTypeType</code> 						
Properties	<code>abstract:</code> false						
Used by	Complex Type OrganizationContactAreaType						
Model	<code>gml:boundedBy{0,1}</code> , <code>locationMRN{0,1}</code> , <code>globalLocationNumber{0,1}</code> , <code>interoperabilityIdentifier*</code> , <code>featureName*</code> , <code>fixedDateRange{0,1}</code> , <code>periodicDateRange*</code> , <code>rxNCode*</code> , <code>graphic*</code> , <code>sourceIndication*</code> , <code>textContent*</code> , <code>permission*</code> , <code>theRxN*</code> , <code>theInformation*</code> , <code>theCartographicText{0,1}</code>						
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td><code>gml:id</code></td> <td>ID</td> <td>required</td> </tr> </tbody> </table> <p>The attribute <code>gml:id</code> supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>	QName	Type	Use	<code>gml:id</code>	ID	required
QName	Type	Use					
<code>gml:id</code>	ID	required					

Complex Type permissionType

Namespace	http://www.ihc.int/S131/2.0																																								
Annotations	Association class for associations describing whether the subsets of vessels determined by the ship characteristics specified in APPLIC may (or must, etc.) transit, enter, or use a feature.																																								
Diagram	<p>The diagram illustrates the inheritance relationship between <code>permissionType</code> and <code>gml:ReferenceType</code>. <code>permissionType</code> is defined as an association class for describing vessel subsets based on ship characteristics. It extends <code>gml:ReferenceType</code>, which is described as an extension base for encoding GML properties inline or by reference. Annotations within the diagram provide details on ownership and association attributes, as well as the intended use of <code>gml:ReferenceType</code> in application schemas.</p>																																								
Type	extension of <code>gml:ReferenceType</code>																																								
Type hierarchy	<ul style="list-style-type: none"> • <code>gml:ReferenceType</code> • <code>permissionType</code> 																																								
Used by	Element FeatureTypeType/permission																																								
Model	PermissionType																																								
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Fixed</th> <th>Default</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td><code>nilReason</code></td> <td><code>gml:NilReasonType</code></td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td><code>owns</code></td> <td>boolean</td> <td></td> <td>false</td> <td>optional</td> </tr> <tr> <td><code>xlink:actuate</code></td> <td><code>xlink:actuateType</code></td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td><code>xlink:arcrole</code></td> <td><code>xlink:arcroleType</code></td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td><code>xlink:href</code></td> <td><code>xlink:hrefType</code></td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td><code>xlink:role</code></td> <td><code>xlink:roleType</code></td> <td></td> <td></td> <td>optional</td> </tr> <tr> <td><code>xlink:show</code></td> <td><code>xlink:showType</code></td> <td></td> <td></td> <td>optional</td> </tr> </tbody> </table>	QName	Type	Fixed	Default	Use	<code>nilReason</code>	<code>gml:NilReasonType</code>			optional	<code>owns</code>	boolean		false	optional	<code>xlink:actuate</code>	<code>xlink:actuateType</code>			optional	<code>xlink:arcrole</code>	<code>xlink:arcroleType</code>			optional	<code>xlink:href</code>	<code>xlink:hrefType</code>			optional	<code>xlink:role</code>	<code>xlink:roleType</code>			optional	<code>xlink:show</code>	<code>xlink:showType</code>			optional
QName	Type	Fixed	Default	Use																																					
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<code>owns</code>	boolean		false	optional																																					
<code>xlink:actuate</code>	<code>xlink:actuateType</code>			optional																																					
<code>xlink:arcrole</code>	<code>xlink:arcroleType</code>			optional																																					
<code>xlink:href</code>	<code>xlink:hrefType</code>			optional																																					
<code>xlink:role</code>	<code>xlink:roleType</code>			optional																																					
<code>xlink:show</code>	<code>xlink:showType</code>			optional																																					

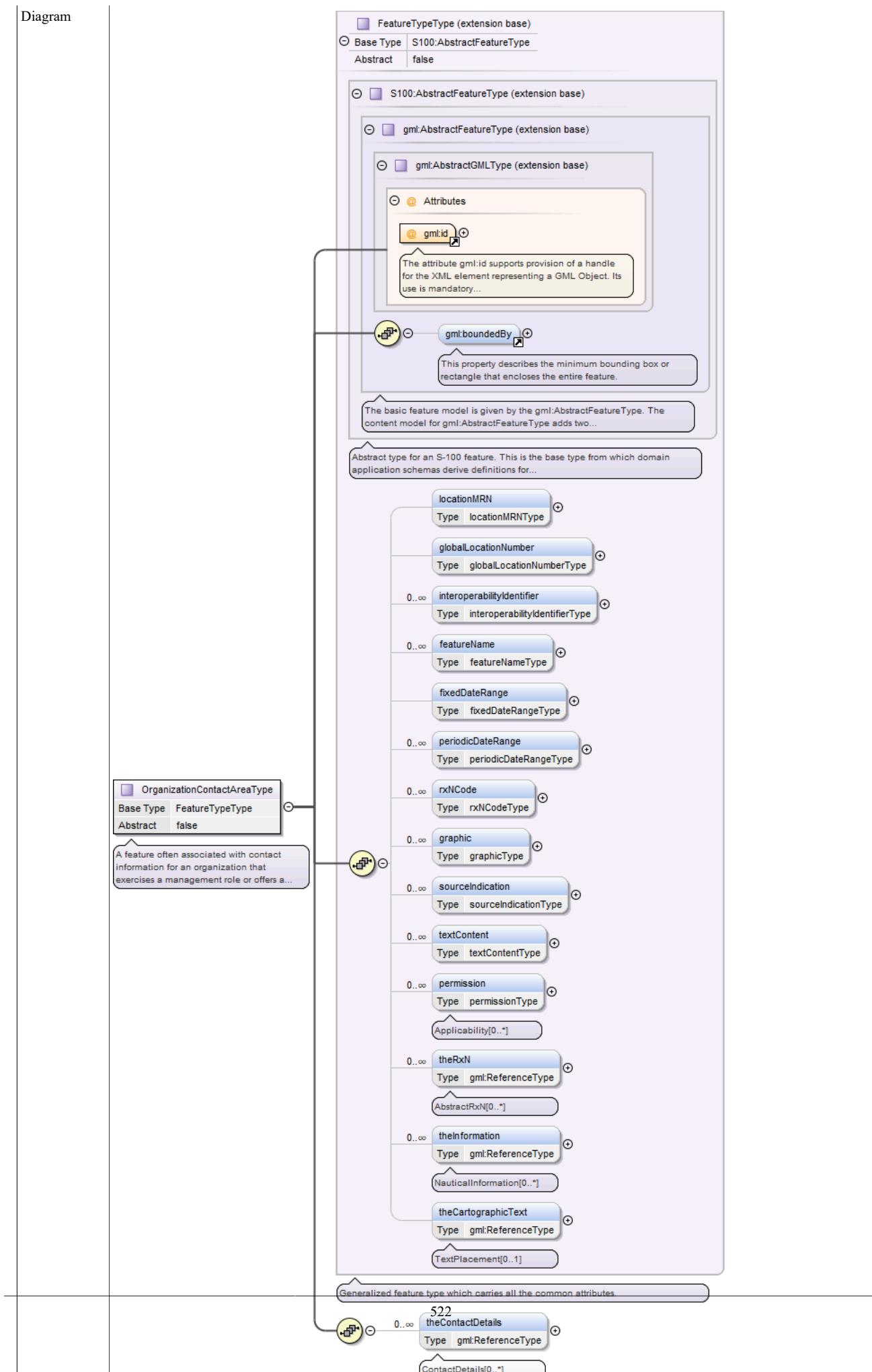
QName	Type	Fixed	Default	Use
xlink:title	xlink:titleAttrType			optional
xlink:type	xlink:typeType	simple		optional

Complex Type PermissionTypeType

Namespace	http://www.ihc.int/S131/2.0											
Annotations	Association class for associations describing whether the subsets of vessels determined by the ship characteristics specified in APPLIC may (or must, etc.) transit, enter, or use a feature.											
Diagram	<pre> classDiagram class PermissionTypeType { <<Association class for associations describing whether the subsets of vessels determined by the ship characteristics...>> } class categoryOfRelationship { <<categoryOfRelationship Type categoryOfRelationshipType>> } PermissionTypeType "1" -- "1" categoryOfRelationship : categoryOfRelationship attribute gml:id <<The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory...>> } </pre>											
Used by	Element permissionType/PermissionType											
Model	categoryOfRelationship											
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>optional</td> <td></td> </tr> </tbody> </table> <p>The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>				QName	Type	Use		gml:id	ID	optional	
QName	Type	Use										
gml:id	ID	optional										

Complex Type OrganizationContactAreaType

Namespace	http://www.ihc.int/S131/2.0			
Annotations	A feature often associated with contact information for an organization that exercises a management role or offers a service in the location.			

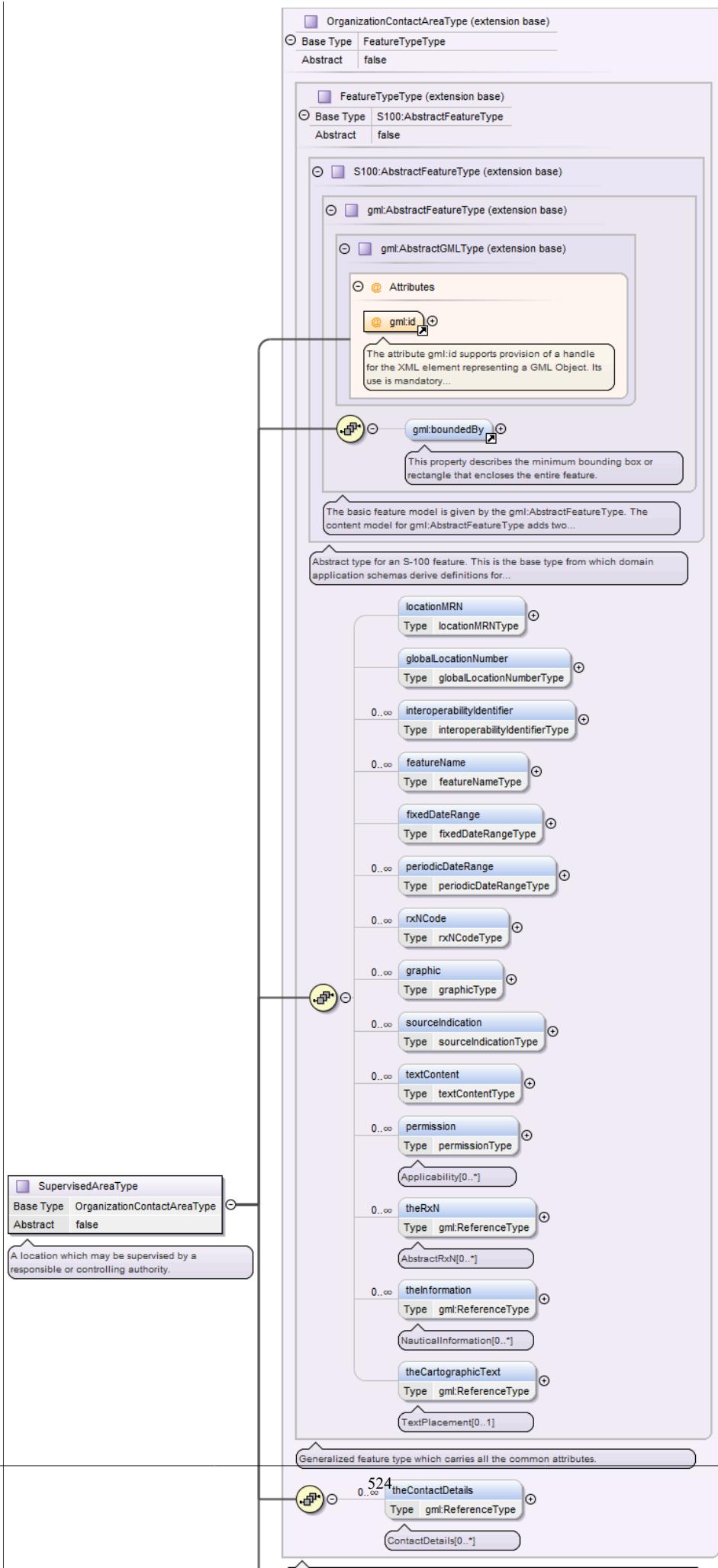


Type	extension of FeatureTypeType		
Type hierarchy	<ul style="list-style-type: none"> • <code>gml:AbstractGMLType</code> • <code>gml:AbstractFeatureType</code> • <code>AbstractFeatureType</code> • <code>FeatureTypeType</code> • <code>OrganizationContactAreaType</code> 		
Properties	<code>abstract:</code> false		
Used by	Complex Type SupervisedAreaType		
Model	<code>gml:boundedBy{0,1}</code> , <code>locationMRN{0,1}</code> , <code>globalLocationNumber{0,1}</code> , <code>interoperabilityIdentifier*</code> , <code>featureName*</code> , <code>fixedDateRange{0,1}</code> , <code>periodicDateRange*</code> , <code>rxNCode*</code> , <code>graphic*</code> , <code>sourceIndication*</code> , <code>textContent*</code> , <code>permission*</code> , <code>theRxN*</code> , <code>theInformation*</code> , <code>theCartographicText{0,1}</code> , <code>theContactDetails*</code>		
Attributes	QName <code>gml:id</code>	Type ID	Use required
		The attribute <code>gml:id</code> supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.	

Complex Type SupervisedAreaType

Namespace	http://www.ihc.int/S131/2.0
Annotations	A location which may be supervised by a responsible or controlling authority.

Diagram



Type	extension of OrganizationContactAreaType								
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType 								
Properties	abstract: false								
Used by	Complex Types HarbourPhysicalInfrastructureType, LayoutType								
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDateRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1}								
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	gml:id	ID	required	<p>The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>	
QName	Type	Use							
gml:id	ID	required							

Complex Type HarbourPhysicalInfrastructureType

Namespace	http://www.ihc.int/S131/2.0
Annotations	The physical installations and facilities that support operations in a port or harbour.

Diagram

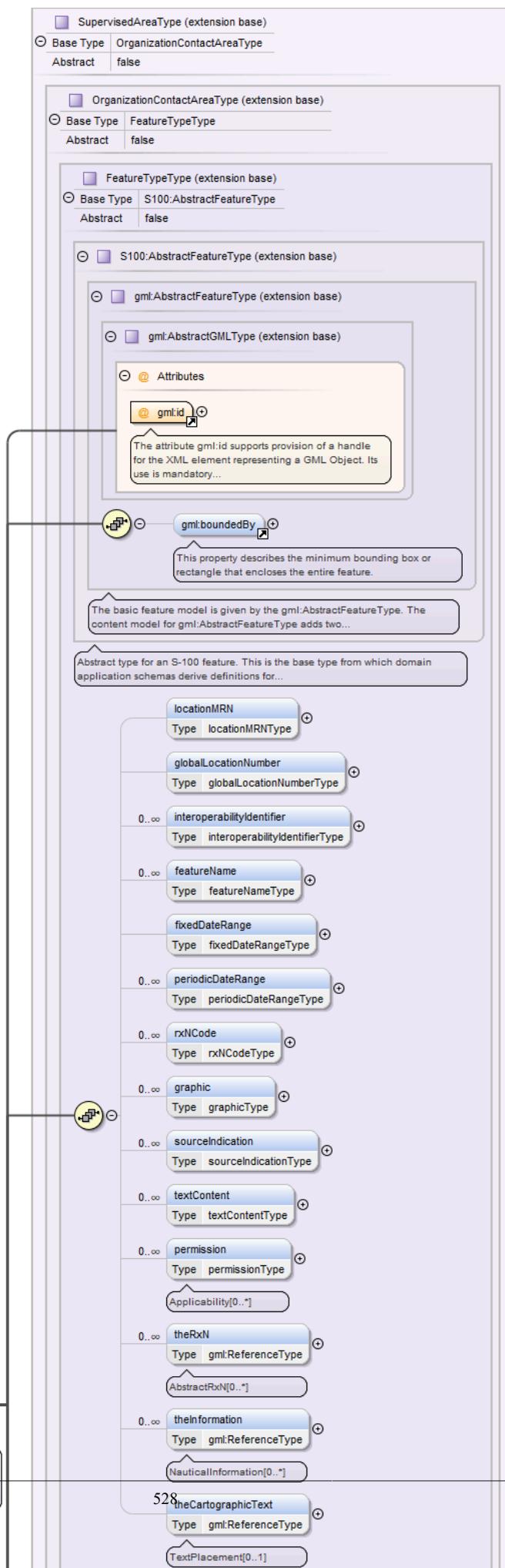


Type	extension of SupervisedAreaType		
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType <ul style="list-style-type: none"> • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType • HarbourPhysicalInfrastructureType 		
Properties	abstract: false		
Used by	Complex Types AutomatedGuidedVehicleType, BollardType, DolphinType, DryDockType, FloatingDockType, GridironType, HarbourFacilityType, LockBasinPartType, LockBasinType, MooringBuoyType, OnshorePowerFacilityType, ShipLiftType, StraddleCarrierType		
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDateRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1} , infrastructureLocation{0,1}		
Attributes	QName gml:id	Type	Use
		ID	required
	<p>The attribute <code>gml:id</code> supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>		

Complex Type LayoutType

Namespace	http://www.ihc.int/S131/2.0
Annotations	The spatial arrangement of areas and other types of locations that are designated for specified purposes or otherwise distinguished from other areas and locations.

Diagram

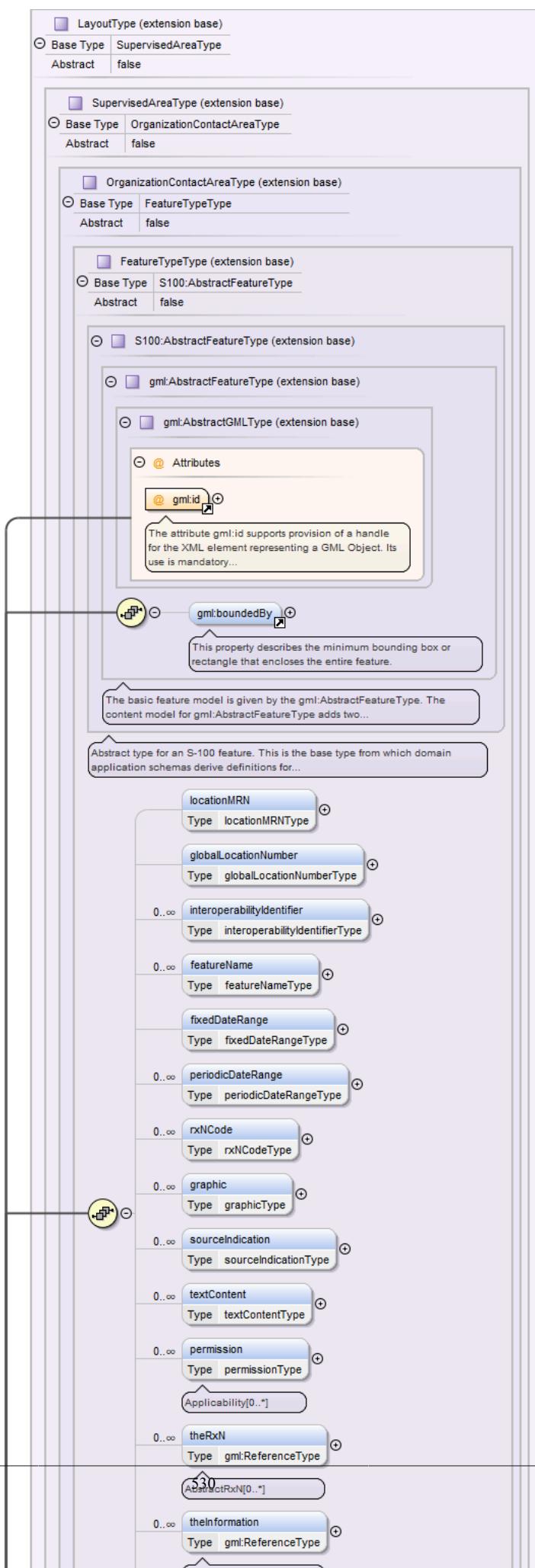


Type	extension of SupervisedAreaType								
Type hierarchy	<ul style="list-style-type: none"> • <code>gml:AbstractGMLType</code> • <code>gml:AbstractFeatureType</code> • <code>AbstractFeatureType</code> • <code>FeatureTypeType</code> • <code>OrganizationContactAreaType</code> • <code>SupervisedAreaType</code> • <code>LayoutType</code> 								
Properties	<code>abstract:</code> <code>false</code>								
Used by	Complex Types								
AnchorBerthType, AnchorageAreaType, BerthPositionType, BerthType, DockAreaType, Dumping-GroundType, FenderLineType, HarbourAreaAdministrativeType, HarbourAreaSectionType, Harbour-BasinType, MooringWarpingFacilityType, OuterLimitType, PilotBoardingPlaceType, SeaplaneLandingAreaType, TerminalType, TurningBasinType, WaterwayAreaType									
Model	<code>gml:boundedBy{0,1}</code> , <code>locationMRN{0,1}</code> , <code>globalLocationNumber{0,1}</code> , <code>interoperabilityIdentifier*</code> , <code>featureName*</code> , <code>fixedDateRange{0,1}</code> , <code>periodicDateRange*</code> , <code>rxNCode*</code> , <code>graphic*</code> , <code>sourceIndication*</code> , <code>textContent*</code> , <code>permission*</code> , <code>theRxN*</code> , <code>theInformation*</code> , <code>theCartographicText{0,1}</code> , <code>theContactDetails*</code> , <code>controlAuthority{0,1}</code>								
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th><th>Type</th><th>Use</th></tr> </thead> <tbody> <tr> <td><code>gml:id</code></td><td>ID</td><td>required</td></tr> </tbody> </table>			QName	Type	Use	<code>gml:id</code>	ID	required
QName	Type	Use							
<code>gml:id</code>	ID	required							
	<p>The attribute <code>gml:id</code> supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>								

Complex Type AnchorBerthType

Namespace	http://www.ihc.int/S131/2.0
Annotations	A designated area of water where a vessel, sea plane, etc., may anchor.

Diagram

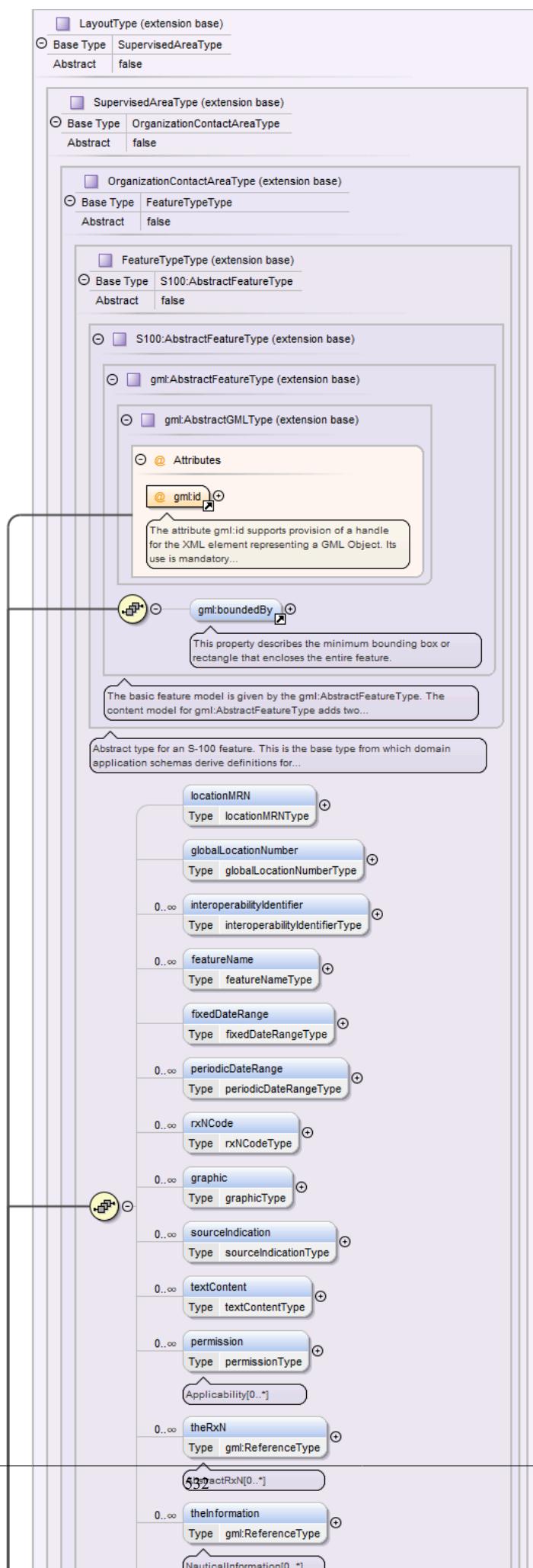


Type	extension of LayoutType														
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType <ul style="list-style-type: none"> • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType • LayoutType • AnchorBerthType 														
Properties	abstract: false														
Used by	Element AnchorBerth														
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDateRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1} , categoryOfAnchorage* , categoryOfCargo* , radius{0,1} , serviceDescriptionReference{0,1} , facilityOperatingHours{0,1} , auxiliaryFacility* , geometry+														
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> <tr> <td colspan="4"> The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs. </td></tr> </tbody> </table>	QName	Type	Use		gml:id	ID	required		The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.					
QName	Type	Use													
gml:id	ID	required													
The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.															

Complex Type AnchorageAreaType

Namespace	http://www.ihc.int/S131/2.0
Annotations	An area in which vessels or seaplanes anchor or may anchor.

Diagram

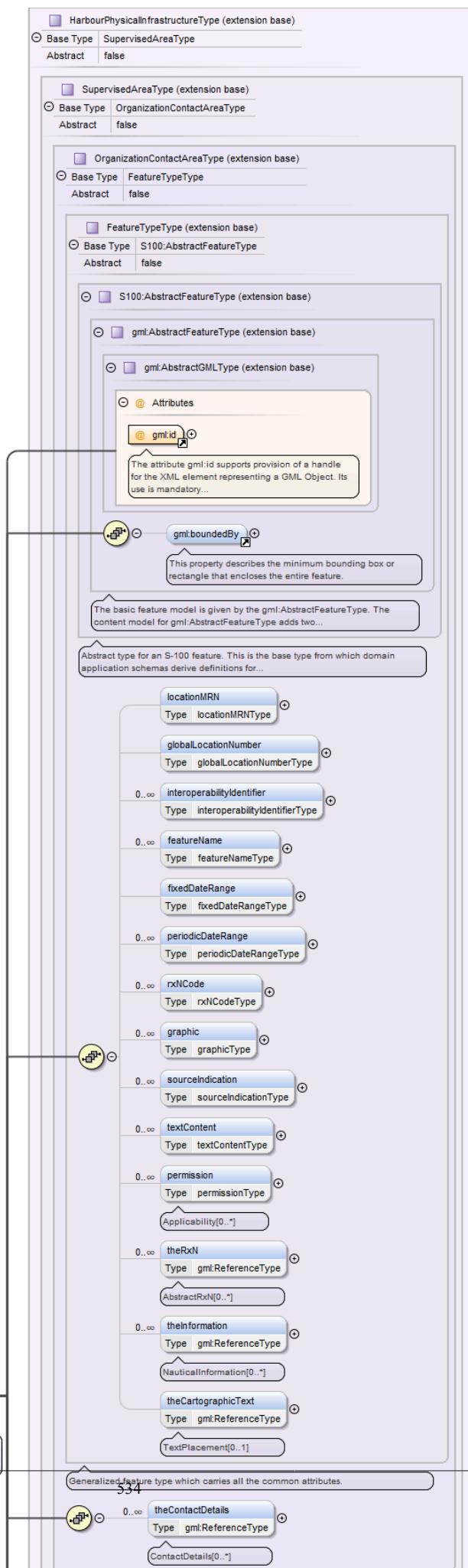


Type	extension of LayoutType														
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType • LayoutType • AnchorageAreaType 														
Properties	abstract: false														
Used by	Element AnchorageArea														
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDataRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1} , categoryOfAnchorage* , iSPSLevel{0,1} , categoryOfCargo* , locationByText{0,1} , depthsDescription{0,1} , markedBy{0,1} , facilityOperatingHours{0,1} , componentOf , geometry+														
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> <tr> <td></td> <td></td> <td>The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</td> <td></td> </tr> </tbody> </table>	QName	Type	Use		gml:id	ID	required				The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.			
QName	Type	Use													
gml:id	ID	required													
		The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.													

Complex Type AutomatedGuidedVehicleType

Namespace	http://www.ihc.int/S131/2.0
Annotations	Equipment with material handling or operational capabilities, characterised by wheeled (including tracked) mobility, and which autonomously moves along a preset route based on environmental markers or external guidance signals.

Diagram

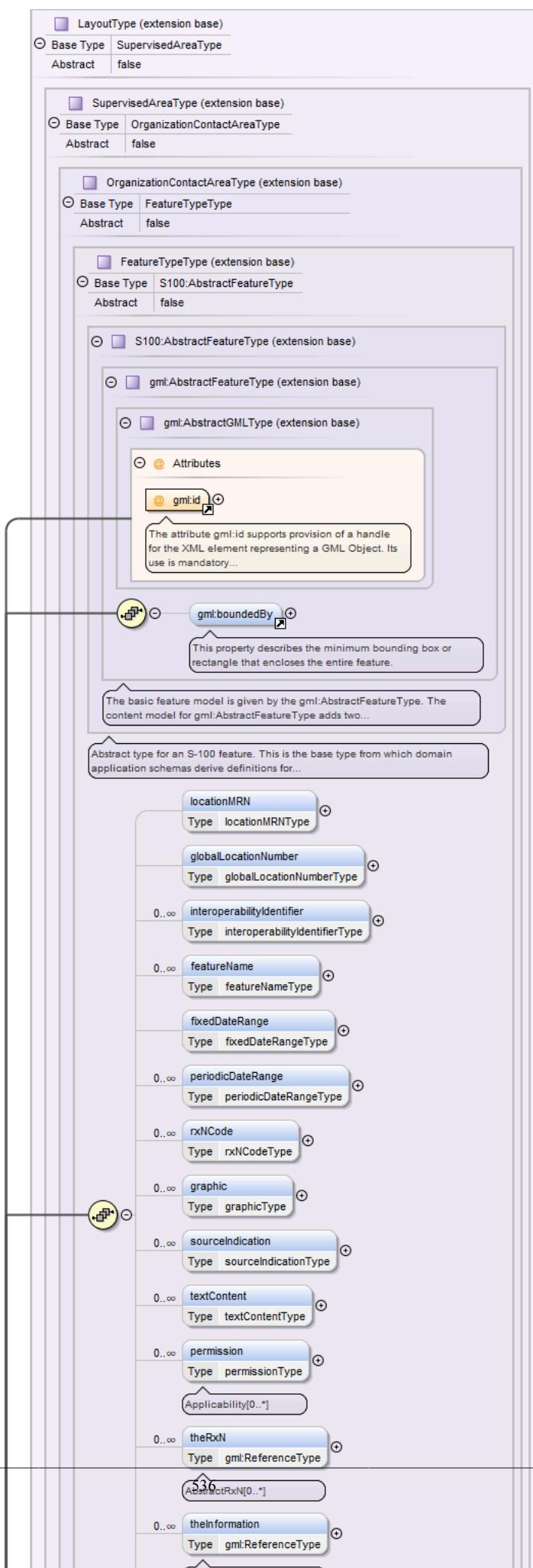


Type	extension of HarbourPhysicalInfrastructureType														
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType • HarbourPhysicalInfrastructureType • AutomatedGuidedVehicleType 														
Properties	abstract: false														
Used by	Element AutomatedGuidedVehicle														
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDateRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1} , infrastructureLocation{0,1} , facilityOperatingHours{0,1} , geometry+														
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> <tr> <td></td> <td colspan="3"> The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs. </td></tr> </tbody> </table>	QName	Type	Use		gml:id	ID	required			The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.				
QName	Type	Use													
gml:id	ID	required													
	The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.														

Complex Type BerthType

Namespace	http://www.ihc.int/S131/2.0
Annotations	A place, generally named or numbered, where a vessel may moor or anchor.

Diagram

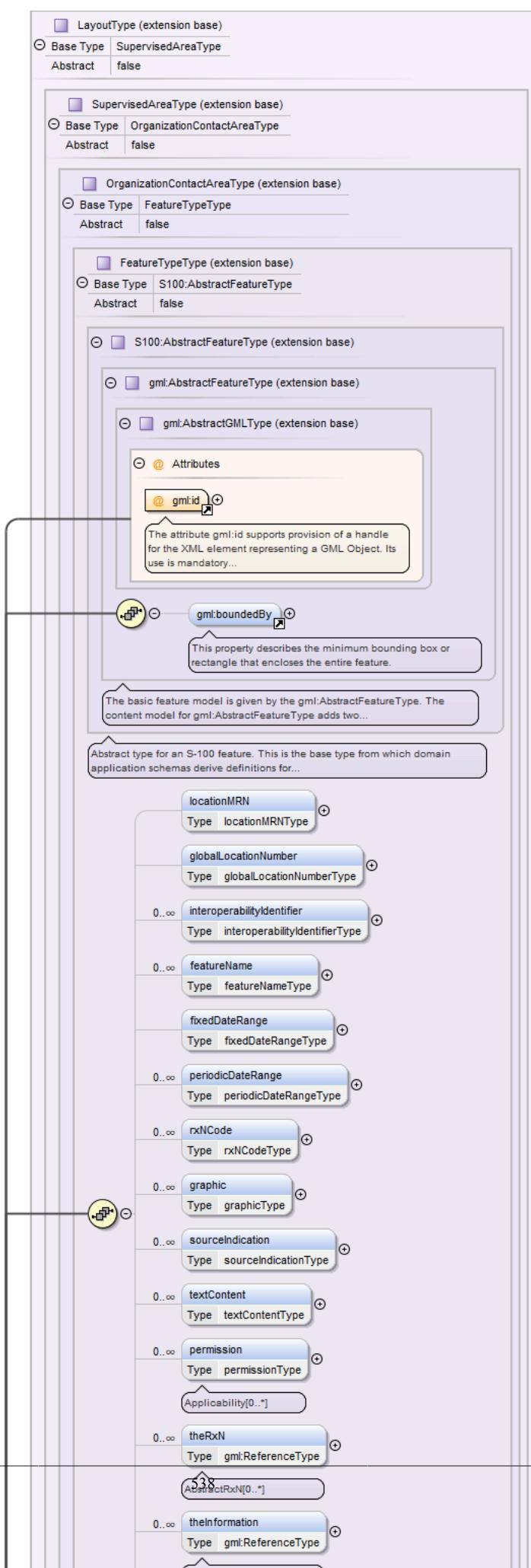


Type	extension of LayoutType								
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType <ul style="list-style-type: none"> • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType • LayoutType • BerthType 								
Properties	abstract: false								
Used by	Element Berth								
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDateRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1} , availableBerthingLength{0,1} , bollardDescription{0,1} , safeWorkingLoad{0,1} , minimumBerthDepth{0,1} , elevation{0,1} , cathodicProtectionSystem{0,1} , categoryOfBerthLocation{0,1} , portFacilityNumber{0,1} , bollardNumber{0,2} , gLNExtension{0,1} , metreMarkNumber{0,2} , manifoldNumber{0,2} , rampNumber{0,1} , locationByText{0,1} , methodOfSecuring{0,1} , uNLocationCode , terminalIdentifier{0,1} , shorePowerDescription{0,1} , categoryOfFrequency* , categoryOfVoltage* , categoryOfPlug* , categoryOfCargo* , serviceDescriptionReference{0,1} , facilityOperatingHours{0,1} , demarcationIndicator* , componentOf , geometry+								
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> </tr> </tbody> </table>	QName	Type	Use	gml:id	ID	required	<p>The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>	
QName	Type	Use							
gml:id	ID	required							

Complex Type BerthPositionType

Namespace	http://www.ihc.int/S131/2.0
Annotations	A specific position within a berth where a vessel may be moored or anchored.

Diagram

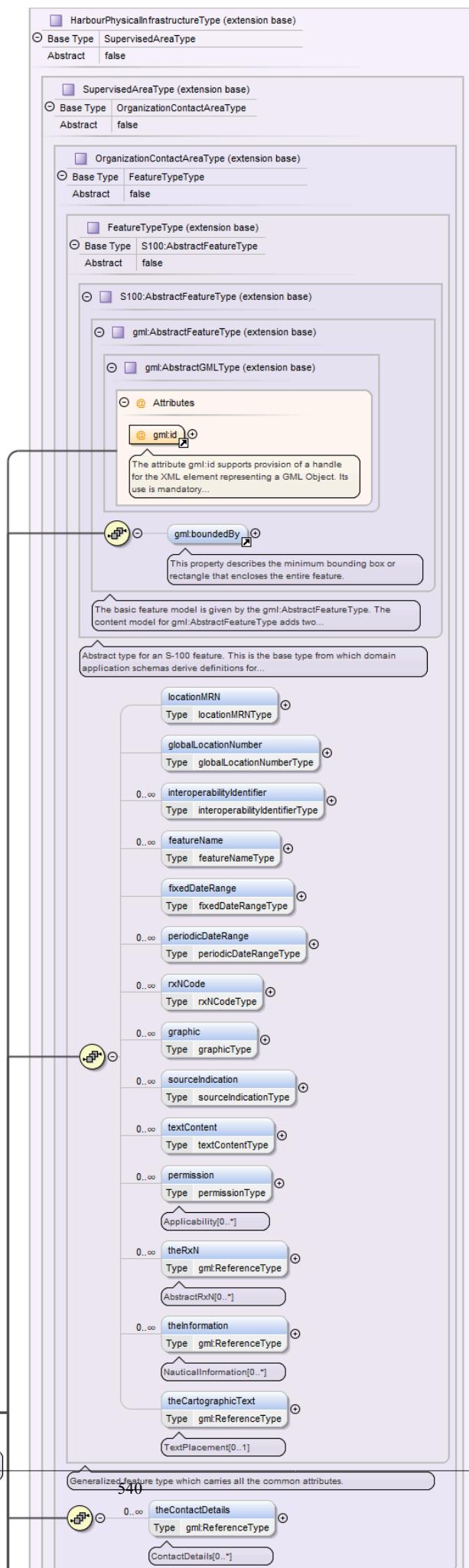


Type	extension of LayoutType														
Type hierarchy	<ul style="list-style-type: none"> • <code>gml:AbstractGMLType</code> • <code>gml:AbstractFeatureType</code> • <code>AbstractFeatureType</code> • <code>FeatureTypeType</code> • <code>OrganizationContactAreaType</code> • <code>SupervisedAreaType</code> • <code>LayoutType</code> • <code>BerthPositionType</code> 														
Properties	<code>abstract:</code> <code>false</code>														
Used by	Element <code>BerthPosition</code>														
Model	<code>gml:boundedBy{0,1}</code> , <code>locationMRN{0,1}</code> , <code>globalLocationNumber{0,1}</code> , <code>interoperabilityIdentifier*</code> , <code>featureName*</code> , <code>fixedDateRange{0,1}</code> , <code>periodicDateRange*</code> , <code>rxNCode*</code> , <code>graphic*</code> , <code>sourceIndication*</code> , <code>textContent*</code> , <code>permission*</code> , <code>theRxN*</code> , <code>theInformation*</code> , <code>theCartographicText{0,1}</code> , <code>theContactDetails*</code> , <code>controlAuthority{0,1}</code> , <code>bollardNumber{0,1}</code> , <code>gLNExtension{0,1}</code> , <code>metreMarkNumber{0,1}</code> , <code>manifoldNumber{0,1}</code> , <code>rampNumber{0,1}</code> , <code>locationByText{0,1}</code> , <code>demarcatedFeature</code> , <code>auxiliaryFacility*</code> , <code>geometry+</code>														
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td><code>gml:id</code></td> <td>ID</td> <td>required</td> <td></td> </tr> <tr> <td></td> <td></td> <td>The attribute <code>gml:id</code> supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</td> <td></td> </tr> </tbody> </table>	QName	Type	Use		<code>gml:id</code>	ID	required				The attribute <code>gml:id</code> supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.			
QName	Type	Use													
<code>gml:id</code>	ID	required													
		The attribute <code>gml:id</code> supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.													

Complex Type `BollardType`

Namespace	http://www.ihc.int/S131/2.0
Annotations	Small shaped post, mounted on a wharf or dolphin used to secure ship's lines.

Diagram

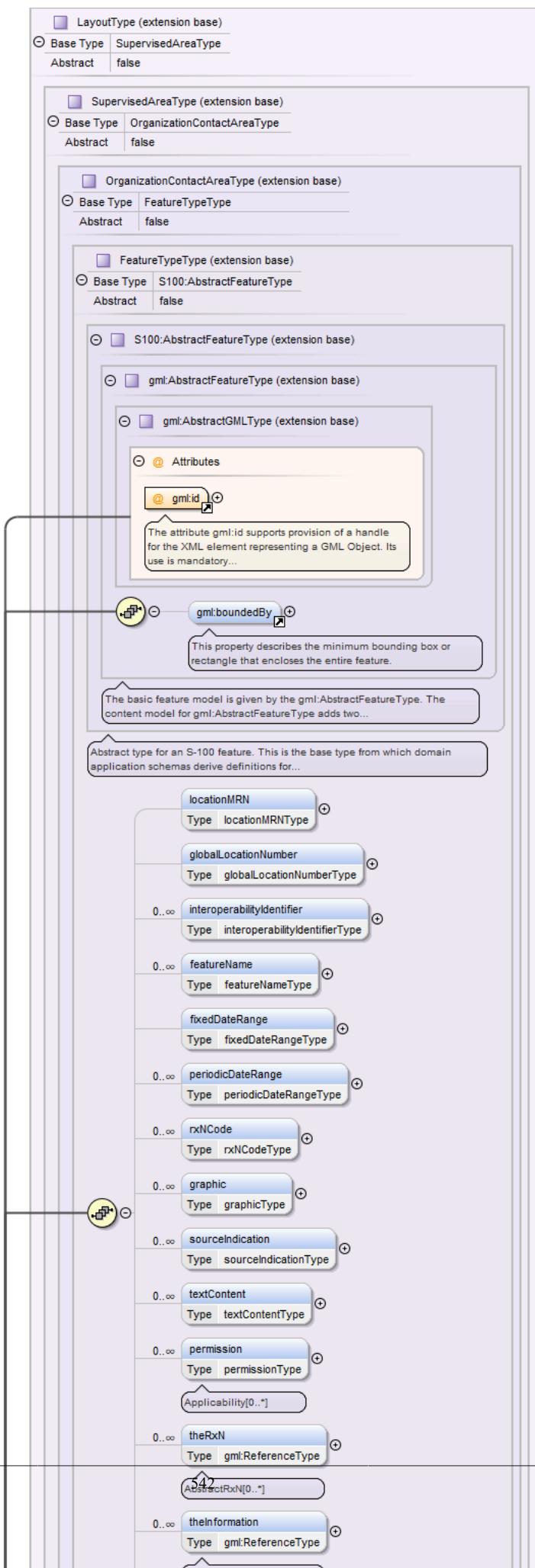


Type	extension of HarbourPhysicalInfrastructureType														
Type hierarchy	<ul style="list-style-type: none"> • <code>gml:AbstractGMLType</code> • <code>gml:AbstractFeatureType</code> • <code>AbstractFeatureType</code> • <code>FeatureTypeType</code> • <code>OrganizationContactAreaType</code> • <code>SupervisedAreaType</code> • <code>HarbourPhysicalInfrastructureType</code> • <code>BollardType</code> 														
Properties	<code>abstract:</code> <code>false</code>														
Used by	Element <code>Bollard</code>														
Model	<code>gml:boundedBy{0,1}</code> , <code>locationMRN{0,1}</code> , <code>globalLocationNumber{0,1}</code> , <code>interoperabilityIdentifier*</code> , <code>featureName*</code> , <code>fixedDateRange{0,1}</code> , <code>periodicDateRange*</code> , <code>rxNCode*</code> , <code>graphic*</code> , <code>sourceIndication*</code> , <code>textContent*</code> , <code>permission*</code> , <code>theRxN*</code> , <code>theInformation*</code> , <code>theCartographicText{0,1}</code> , <code>theContactDetails*</code> , <code>controlAuthority{0,1}</code> , <code>infrastructureLocation{0,1}</code> , <code>height{0,1}</code> , <code>verticalLength{0,1}</code> , <code>safeWorkingLoad{0,1}</code> , <code>geometry+</code>														
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td><code>gml:id</code></td> <td>ID</td> <td>required</td> <td></td> </tr> <tr> <td></td> <td colspan="3"> The attribute <code>gml:id</code> supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs. </td></tr> </tbody> </table>	QName	Type	Use		<code>gml:id</code>	ID	required			The attribute <code>gml:id</code> supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.				
QName	Type	Use													
<code>gml:id</code>	ID	required													
	The attribute <code>gml:id</code> supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.														

Complex Type DockAreaType

Namespace	http://www.ihc.int/S131/2.0
Annotations	An artificially enclosed area within which ships may moor and which may have gates to regulate water level.

Diagram

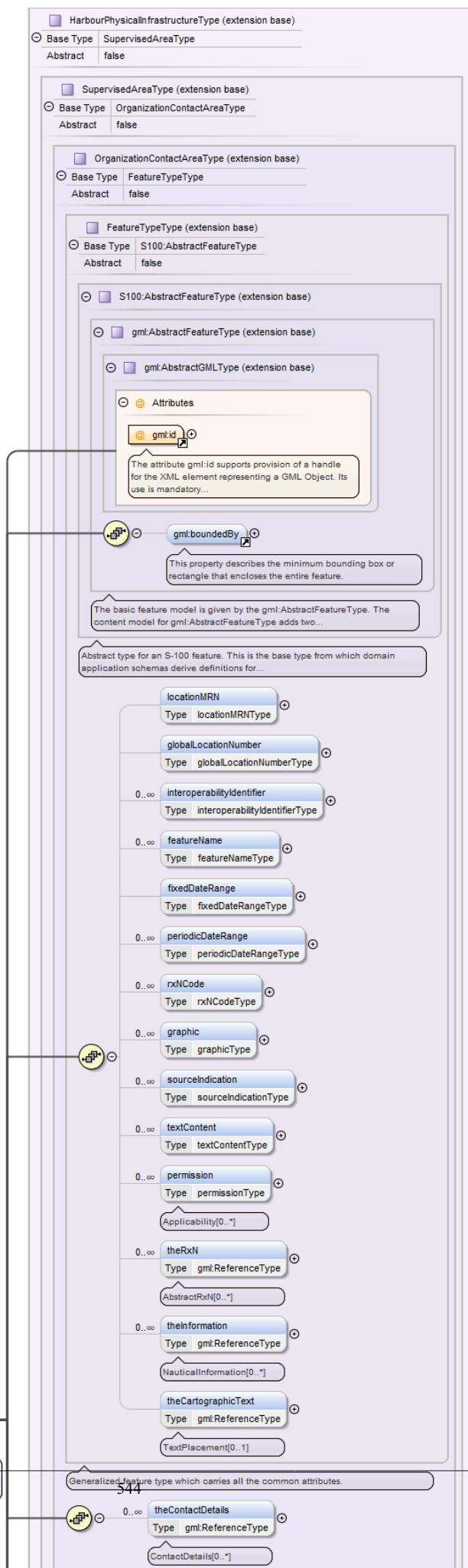


Type	extension of LayoutType										
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType <ul style="list-style-type: none"> • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType • LayoutType • DockAreaType 										
Properties	abstract: false										
Used by	Element DockArea										
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDateRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1} , depthsDescription{0,1} , locationByText{0,1} , markedBy{0,1} , iSPSLevel{0,1} , serviceDescriptionReference{0,1} , facilityOperatingHours{0,1} , componentOf , geometry+										
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QName	Type	Use									
gml:id	ID	required									

Complex Type DryDockType

Namespace	http://www.ihc.int/S131/2.0
Annotations	An artificial basin fitted with a gate or caisson, into which vessels can be floated and the water pumped out to expose the vessel's bottom. Also called graving dock.

Diagram

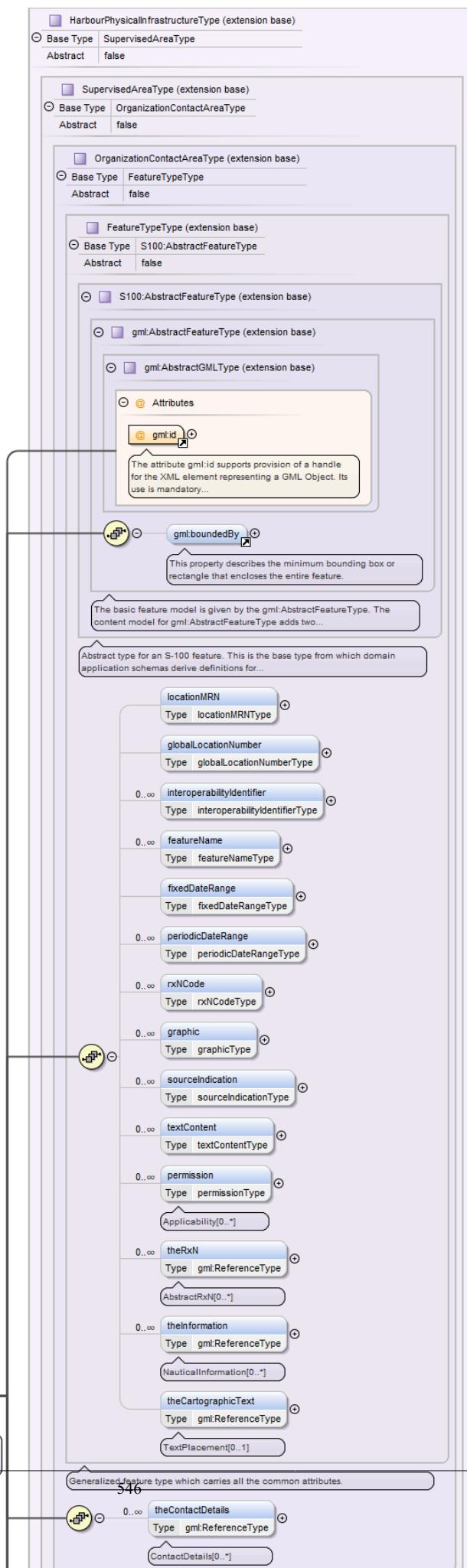


Type	extension of HarbourPhysicalInfrastructureType										
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType • HarbourPhysicalInfrastructureType • DryDockType 										
Properties	abstract: false										
Used by	Element DryDock										
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDateRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1} , infrastructureLocation{0,1} , sillDepth{0,1} , verticalClearanceValue{0,1} , facilityOperatingHours{0,1} , geometry+										
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QName	Type	Use									
gml:id	ID	required									

Complex Type DolphinType

Namespace	http://www.ihc.int/S131/2.0
Annotations	A post or group of posts, used for mooring or warping a vessel, or as an aid to navigation. The dolphin may be in the water, on a wharf or on the beach.

Diagram

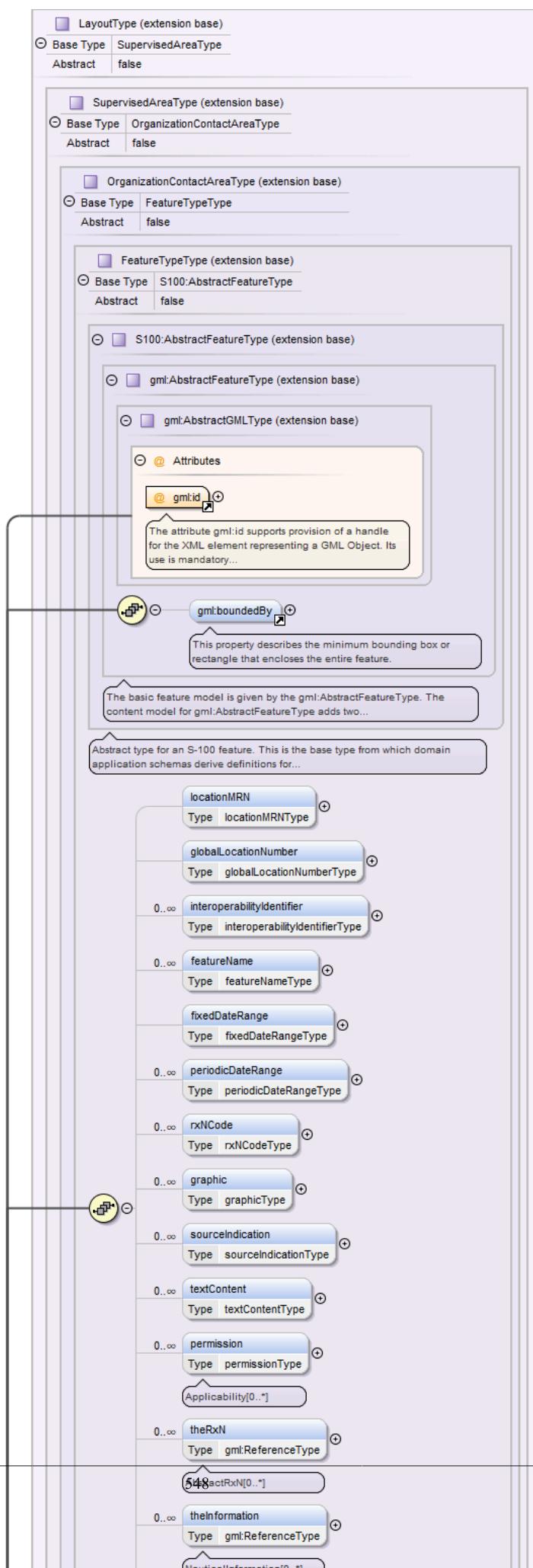


Type	extension of HarbourPhysicalInfrastructureType										
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType <ul style="list-style-type: none"> • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType • HarbourPhysicalInfrastructureType • DolphinType 										
Properties	abstract: false										
Used by	Element Dolphin										
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDateRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1} , infrastructureLocation{0,1} , categoryOfDolphin+ , geometry+										
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> </tbody> </table>	QName	Type	Use		gml:id	ID	required		<p>The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>	
QName	Type	Use									
gml:id	ID	required									

Complex Type DumpingGroundType

Namespace	http://www.ihc.int/S131/2.0
Annotations	A sea area where dredged material or other potentially more harmful material, for example explosives, chemical waste, is deliberately deposited.

Diagram

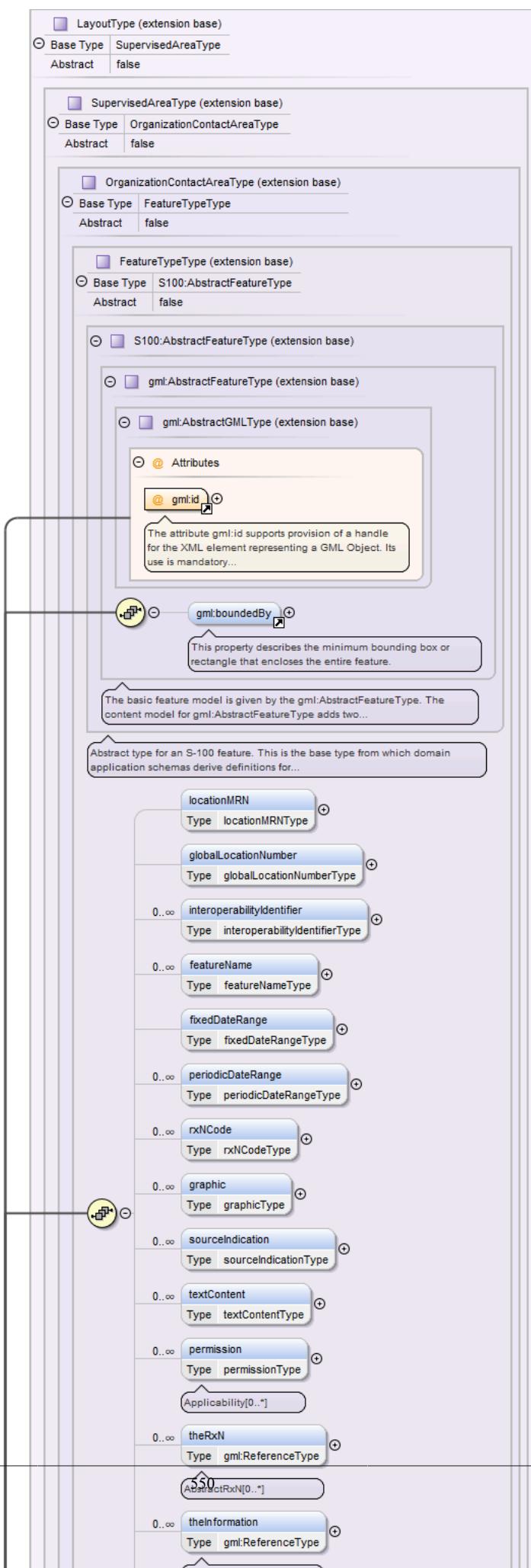


Type	extension of LayoutType										
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType <ul style="list-style-type: none"> • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType • LayoutType • DumpingGroundType 										
Properties	abstract: false										
Used by	Element DumpingGround										
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDataRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1} , depthsDescription{0,1} , locationByText{0,1} , markedBy{0,1} , iSPSLevel{0,1} , facilityOperatingHours{0,1} , componentOf , geometry+										
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> </tbody> </table>	QName	Type	Use		gml:id	ID	required		<p>The attribute <code>gml:id</code> supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>	
QName	Type	Use									
gml:id	ID	required									

Complex Type FenderLineType

Namespace	http://www.ihc.int/S131/2.0
Annotations	An imaginary line parallel to a face of a berth or quay which touches the seaward face of the fenders.

Diagram

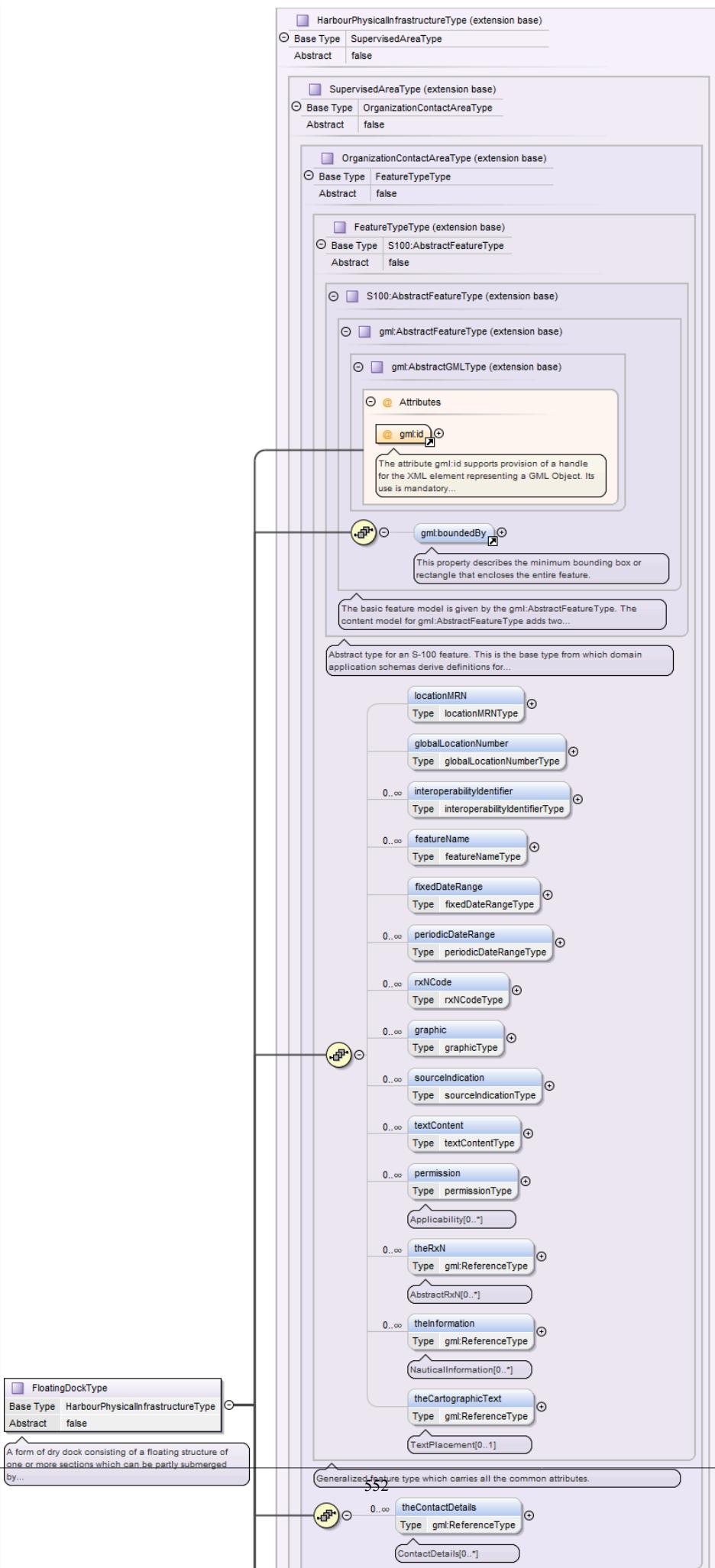


Type	extension of LayoutType										
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType • LayoutType • FenderLineType 										
Properties	abstract: false										
Used by	Element FenderLine										
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDateRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1} , orientation{0,1} , componentOf , geometry+										
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QName	Type	Use									
gml:id	ID	required									

Complex Type FloatingDockType

Namespace	http://www.ihc.int/S131/2.0
Annotations	A form of dry dock consisting of a floating structure of one or more sections which can be partly submerged by controlled flooding to receive a vessel, then raised by pumping out the water so that the vessel's bottom can be exposed.

Diagram

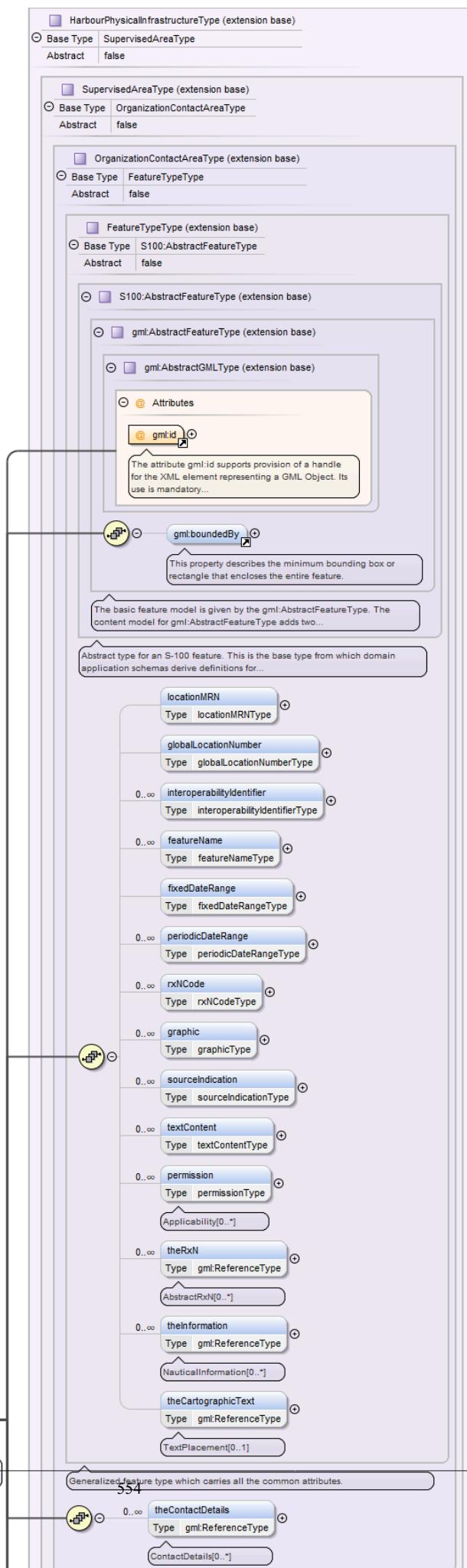


Type	extension of HarbourPhysicalInfrastructureType														
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType <ul style="list-style-type: none"> • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType • HarbourPhysicalInfrastructureType • FloatingDockType 														
Properties	abstract: false														
Used by	Element FloatingDock														
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDateRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1} , infrastructureLocation{0,1} , sillDepth{0,1} , facilityOperatingHours{0,1} , geometry+														
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> <tr> <td></td> <td colspan="3"> The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs. </td></tr> </tbody> </table>	QName	Type	Use		gml:id	ID	required			The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.				
QName	Type	Use													
gml:id	ID	required													
	The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.														

Complex Type GridironType

Namespace	http://www.ihc.int/S131/2.0
Annotations	A structure in the intertidal zone serving as a support for vessels at low stages of the tide to permit work on the exposed portion of the vessel's hull.

Diagram

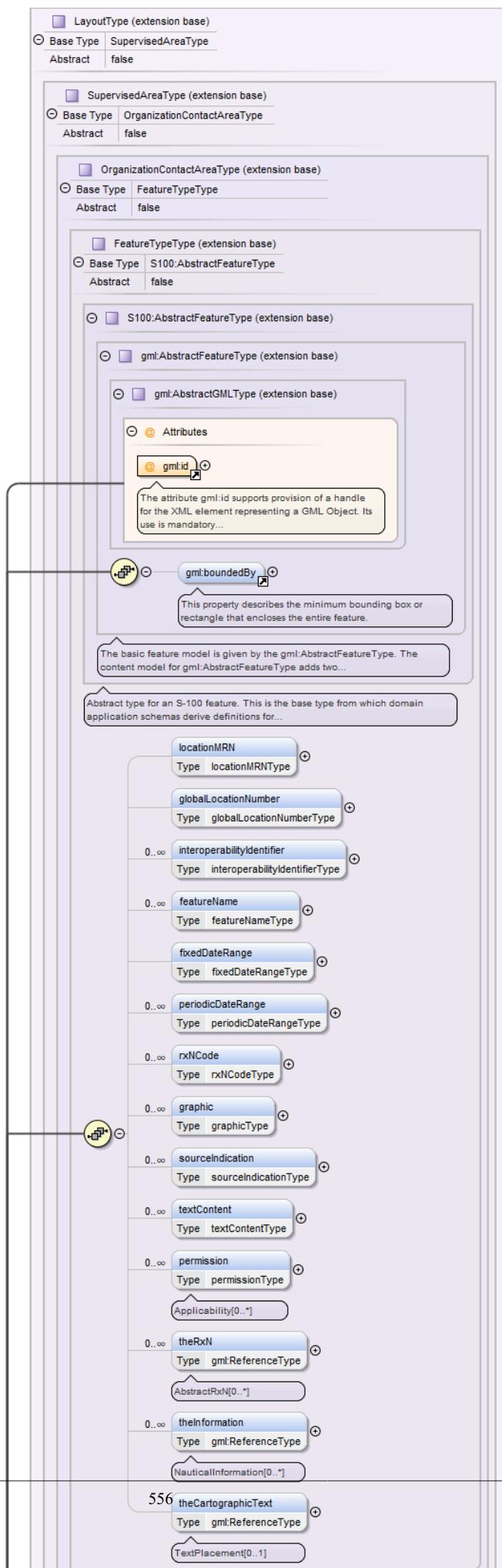


Type	extension of HarbourPhysicalInfrastructureType										
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType • HarbourPhysicalInfrastructureType • GridironType 										
Properties	abstract: false										
Used by	Element Gridiron										
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDateRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1} , infrastructureLocation{0,1} , sillDepth{0,1} , verticalClearanceValue{0,1} , facilityOperatingHours{0,1} , geometry+										
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> </tbody> </table> <p>The attribute <code>gml:id</code> supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>	QName	Type	Use		gml:id	ID	required			
QName	Type	Use									
gml:id	ID	required									

Complex Type HarbourAreaAdministrativeType

Namespace	http://www.ihc.int/S131/2.0
Annotations	The area over which a harbour authority has jurisdiction.

Diagram

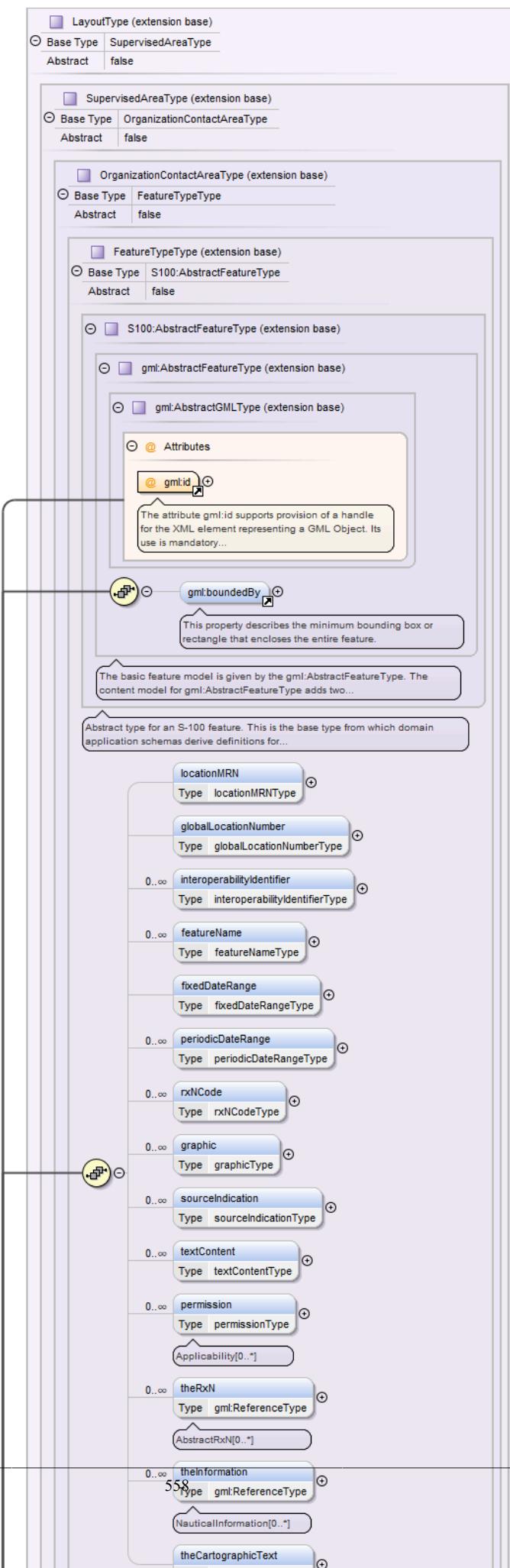


Type	extension of LayoutType														
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType <ul style="list-style-type: none"> • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType • LayoutType • HarbourAreaAdministrativeType 														
Properties	abstract: false														
Used by	Element HarbourAreaAdministrative														
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDateRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1} , uNLocationCode{0,1} , nationality{0,1} , applicableLoadLineZone{0,1} , iSPSLevel{0,1} , categoryOfHarbourFacility* , generalHarbourInformation{0,1} , serviceDescriptionReference{0,1} , facilityOperatingHours{0,1} , limitExtent{0,1} , layoutUnit* , geometry+														
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> <tr> <td></td> <td></td> <td>The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</td> <td></td> </tr> </tbody> </table>	QName	Type	Use		gml:id	ID	required				The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.			
QName	Type	Use													
gml:id	ID	required													
		The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.													

Complex Type HarbourAreaSectionType

Namespace	http://www.ihc.int/S131/2.0
Annotations	A distinguishable portion of the area over which a harbour authority has jurisdiction.

Diagram

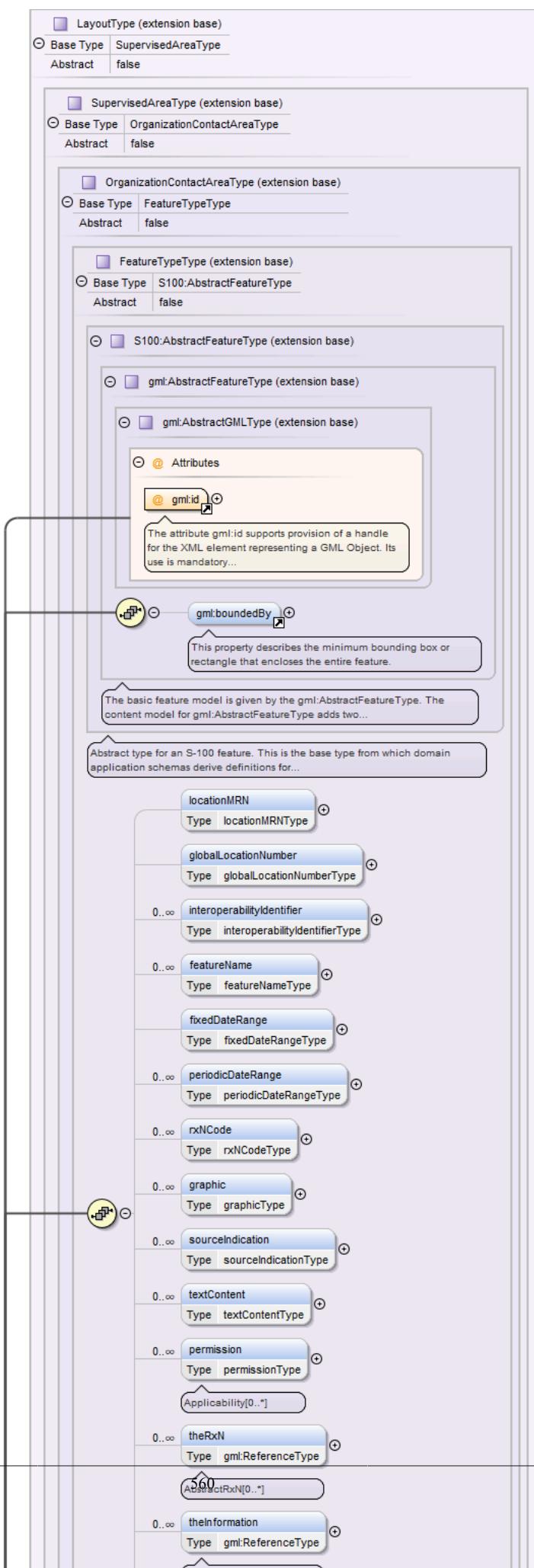


Type	extension of LayoutType										
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType <ul style="list-style-type: none"> • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType • LayoutType • HarbourAreaSectionType 										
Properties	abstract: false										
Used by	Element HarbourAreaSection										
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDateRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1} , categoryOfPortSection{0,1} , categoryOfHarbourFacility* , iSPSLlevel{0,1} , facilitiesLayoutDescription{0,1} , serviceDescriptionReference{0,1} , facilityOperatingHours{0,1} , componentOf{0,1} , constitute{0,1} , subUnit* , hasInfrastructure* , layoutUnit* , geometry+										
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> </tbody> </table>	QName	Type	Use		gml:id	ID	required		<p>The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>	
QName	Type	Use									
gml:id	ID	required									

Complex Type HarbourBasinType

Namespace	http://www.ihc.int/S131/2.0
Annotations	An enclosed area of water surrounded by quay walls constructed to provide means for the transfer of cargos from and to ships.

Diagram

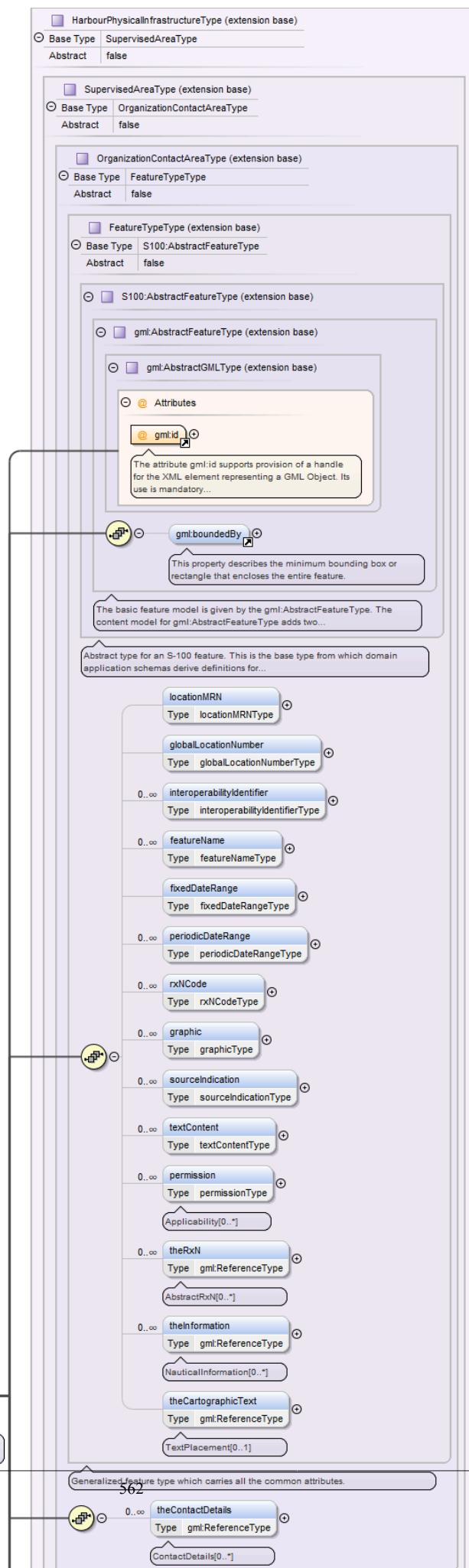


Type	extension of LayoutType										
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType <ul style="list-style-type: none"> • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType • LayoutType • HarbourBasinType 										
Properties	abstract: false										
Used by	Element HarbourBasin										
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDateRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1} , depthsDescription{0,1} , locationByText{0,1} , markedBy{0,1} , iSPSLevel{0,1} , facilityOperatingHours{0,1} , componentOf , geometry+										
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> </tbody> </table>	QName	Type	Use		gml:id	ID	required		<p>The attribute <code>gml:id</code> supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>	
QName	Type	Use									
gml:id	ID	required									

Complex Type HarbourFacilityType

Namespace	http://www.ihc.int/S131/2.0
Annotations	A harbour installation with a service or commercial operation of public interest.

Diagram

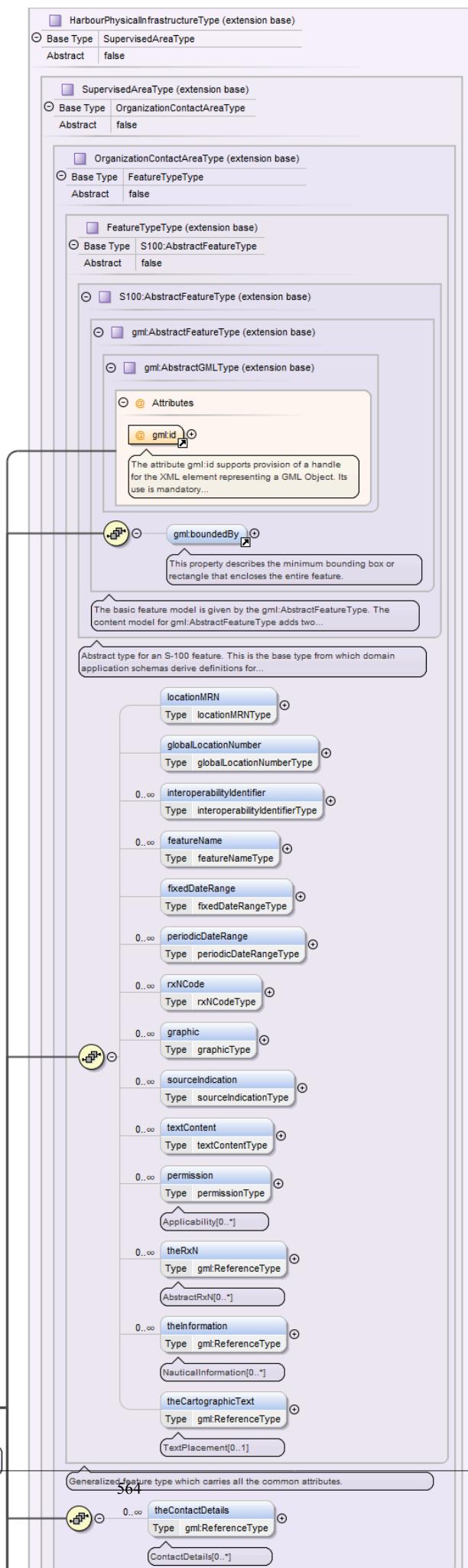


Type	extension of HarbourPhysicalInfrastructureType			
Type hierarchy	<ul style="list-style-type: none"> • <code>gml:AbstractGMLType</code> • <code>gml:AbstractFeatureType</code> • <code>AbstractFeatureType</code> • <code>FeatureTypeType</code> • <code>OrganizationContactAreaType</code> • <code>SupervisedAreaType</code> • <code>HarbourPhysicalInfrastructureType</code> • <code>HarbourFacilityType</code> 			
Properties	<code>abstract:</code> <code>false</code>			
Used by	Element <code>HarbourFacility</code>			
Model	<code>gml:boundedBy{0,1}</code> , <code>locationMRN{0,1}</code> , <code>globalLocationNumber{0,1}</code> , <code>interoperabilityIdentifier*</code> , <code>featureName*</code> , <code>fixedDateRange{0,1}</code> , <code>periodicDateRange*</code> , <code>rxNCode*</code> , <code>graphic*</code> , <code>sourceIndication*</code> , <code>textContent*</code> , <code>permission*</code> , <code>theRxN*</code> , <code>theInformation*</code> , <code>theCartographicText{0,1}</code> , <code>theContactDetails*</code> , <code>controlAuthority{0,1}</code> , <code>infrastructureLocation{0,1}</code> , <code>facilityOperatingHours{0,1}</code> , <code>geometry+</code>			
Attributes	QName <code>gml:id</code>	Type ID	Use required	
		The attribute <code>gml:id</code> supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.		

Complex Type LockBasinType

Namespace	http://www.ihc.int/S131/2.0
Annotations	A wet dock in a waterway, permitting a ship to pass from one level to another.

Diagram

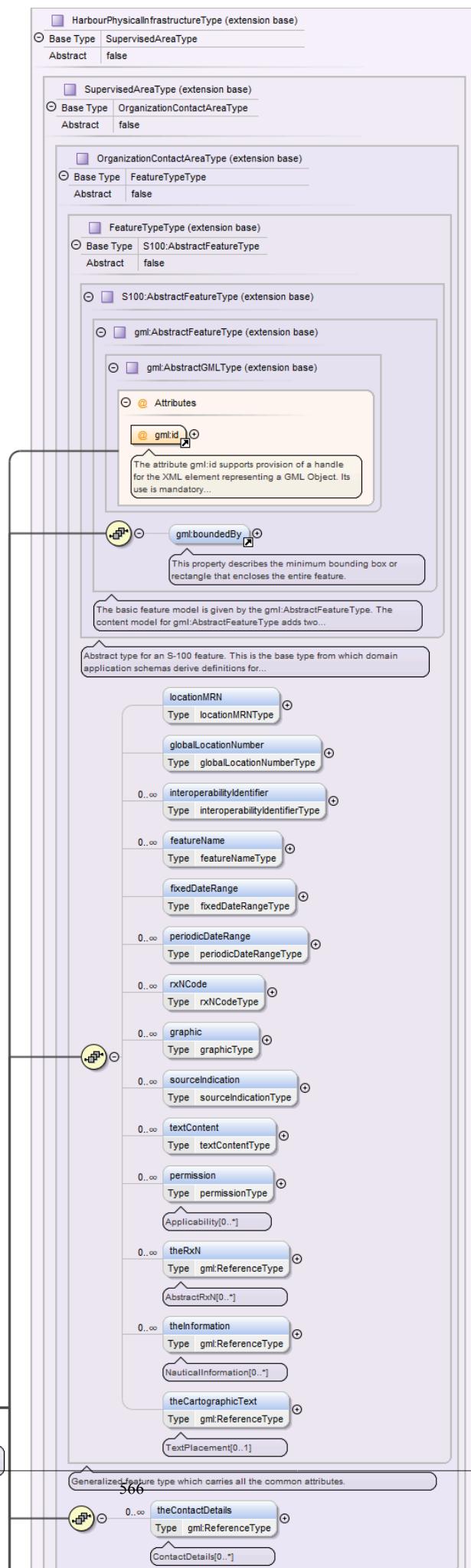


Type	extension of HarbourPhysicalInfrastructureType										
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType <ul style="list-style-type: none"> • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType • HarbourPhysicalInfrastructureType • LockBasinType 										
Properties	abstract: false										
Used by	Element LockBasin										
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDateRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1} , infrastructureLocation{0,1} , sillDepth{0,1} , facilityOperatingHours{0,1} , geometry+										
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> </tbody> </table>	QName	Type	Use		gml:id	ID	required		<p>The attribute <code>gml:id</code> supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>	
QName	Type	Use									
gml:id	ID	required									

Complex Type LockBasinPartType

Namespace	http://www.ihc.int/S131/2.0
Annotations	A lock basin is divided into several lock basin parts, if this lock basin has one ground level but several gates.

Diagram

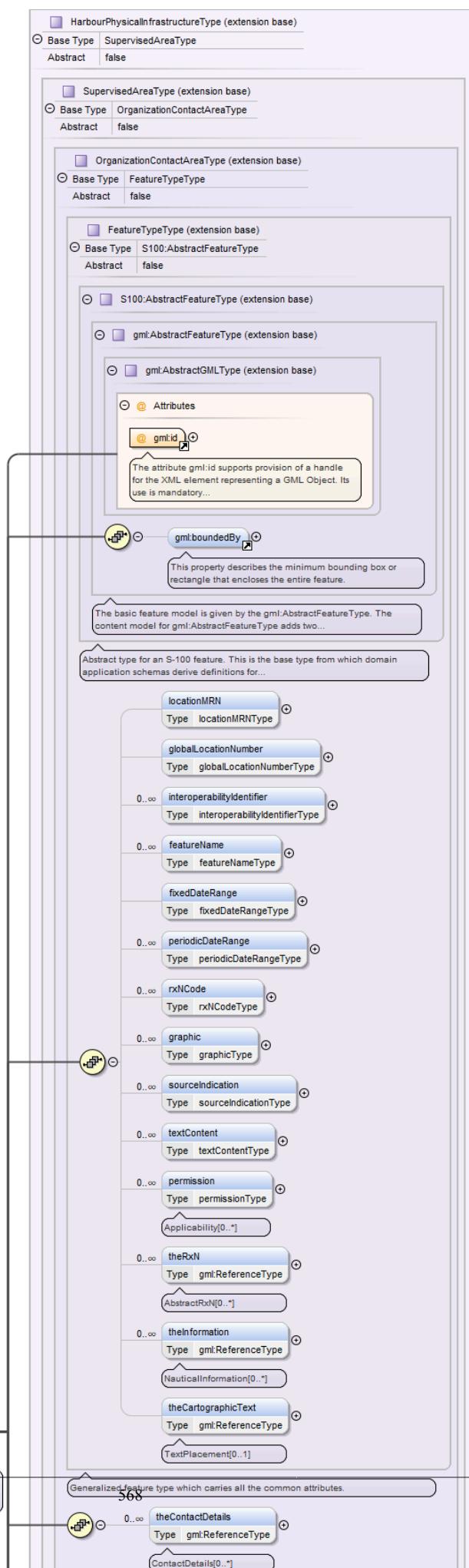


Type	extension of HarbourPhysicalInfrastructureType														
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType <ul style="list-style-type: none"> • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType • HarbourPhysicalInfrastructureType • LockBasinPartType 														
Properties	abstract: false														
Used by	Element LockBasinPart														
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDateRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1} , infrastructureLocation{0,1} , sillDepth{0,1} , facilityOperatingHours{0,1} , geometry+														
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> <tr> <td></td> <td colspan="3"> The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs. </td></tr> </tbody> </table>	QName	Type	Use		gml:id	ID	required			The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.				
QName	Type	Use													
gml:id	ID	required													
	The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.														

Complex Type MooringBuoyType

Namespace	http://www.ihc.int/S131/2.0
Annotations	A buoy secured to the bottom by permanent moorings with means for mooring a vessel by use of its anchor chain or mooring lines.

Diagram

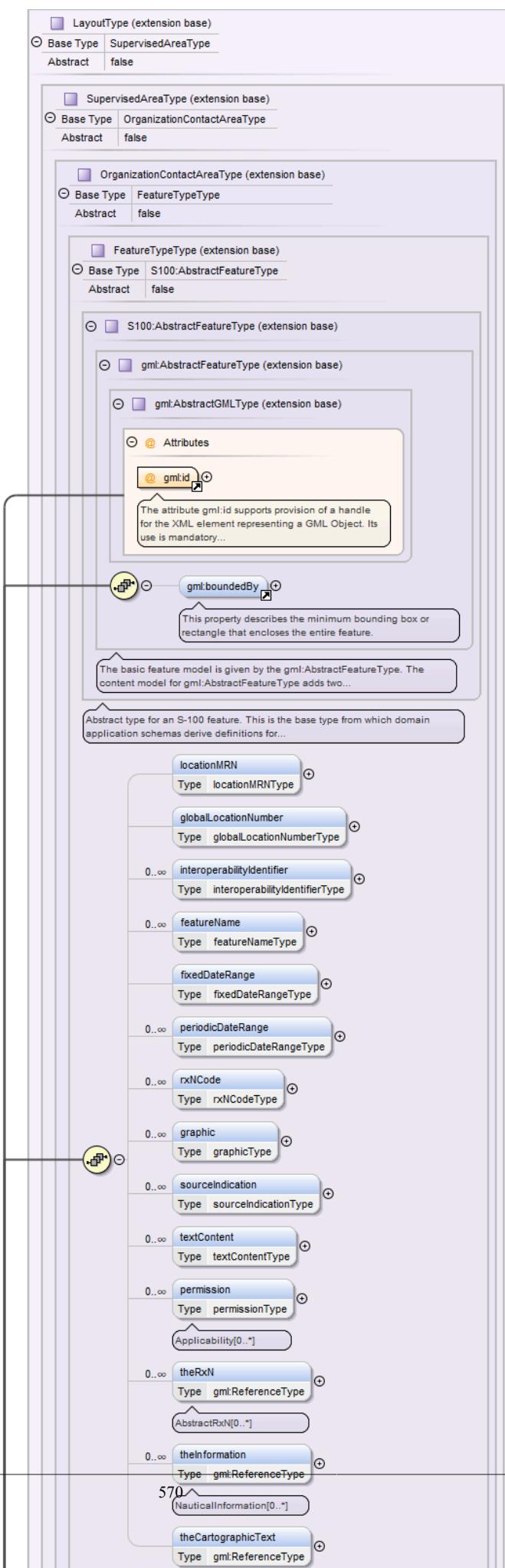


Type	extension of HarbourPhysicalInfrastructureType										
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType <ul style="list-style-type: none"> • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType • HarbourPhysicalInfrastructureType • MooringBuoyType 										
Properties	abstract: false										
Used by	Element MooringBuoy										
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDateRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1} , infrastructureLocation{0,1} , maximumPermittedDraught{0,1} , maximumPermittedVesselLength{0,1} , verticalLength{0,1} , visitorsMooring{0,1} , geometry+										
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> </tbody> </table> <p>The attribute <code>gml:id</code> supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>	QName	Type	Use		gml:id	ID	required			
QName	Type	Use									
gml:id	ID	required									

Complex Type MooringWarpingFacilityType

Namespace	http://www.ihc.int/S131/2.0
Annotations	The equipment or structure used to secure a vessel.

Diagram

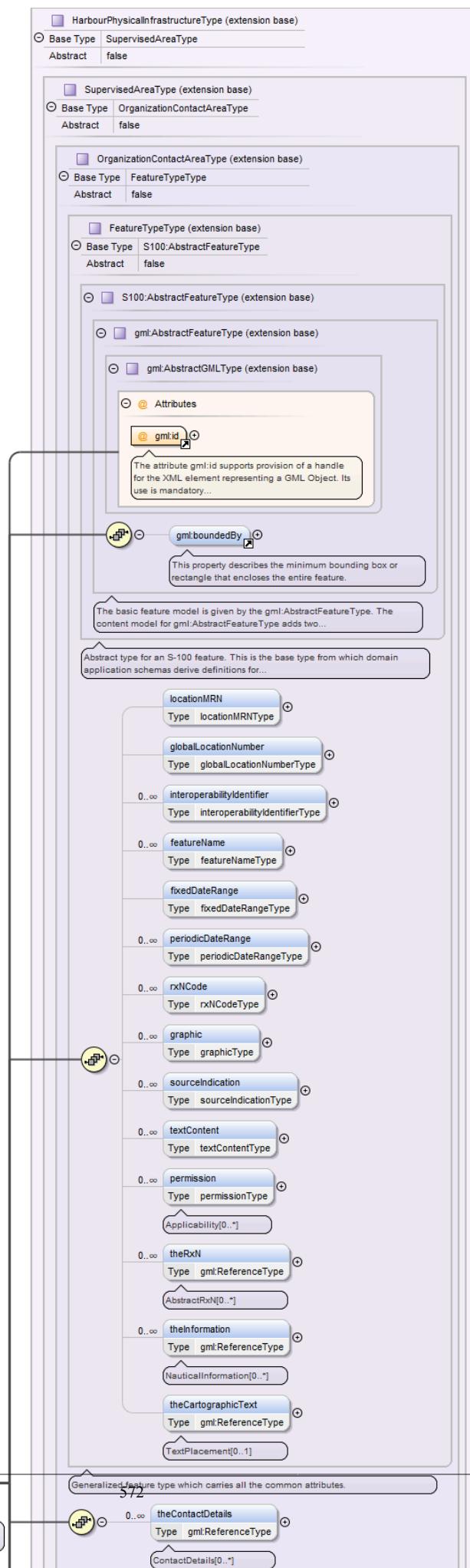


Type	extension of LayoutType										
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType <ul style="list-style-type: none"> • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType • LayoutType • MooringWarpingFacilityType 										
Properties	abstract: false										
Used by	Element MooringWarpingFacility										
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDataRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1} , categoryOfMooringWarpingFacility{0,1} , iDCode , bollardDescription{0,1} , safeWorkingLoad{0,1} , heavingLinesFromShore{0,1} , serviceDescriptionReference{0,1} , facilityOperatingHours{0,1} , primaryFacility{0,1} , geometry+										
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> </tbody> </table>	QName	Type	Use		gml:id	ID	required		<p>The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>	
QName	Type	Use									
gml:id	ID	required									

Complex Type OnshorePowerFacilityType

Namespace	http://www.ihc.int/S131/2.0
Annotations	Facilities or infrastructure providing shore power to berthed vessels.

Diagram

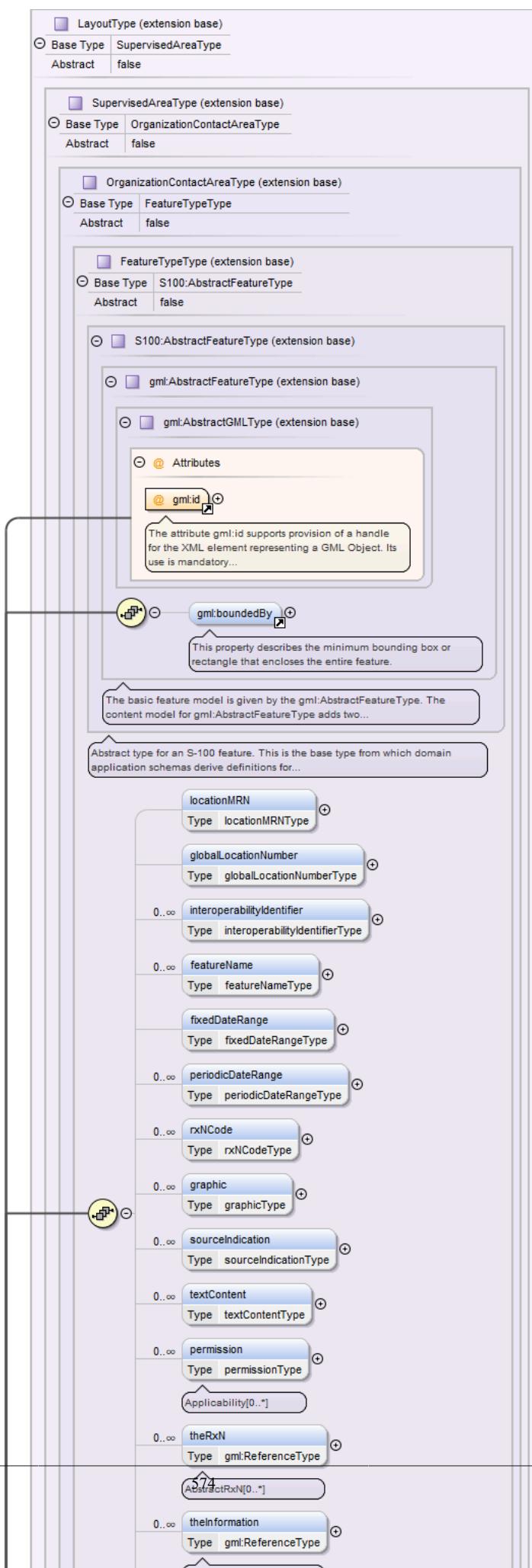


Type	extension of HarbourPhysicalInfrastructureType														
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType <ul style="list-style-type: none"> • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType • HarbourPhysicalInfrastructureType • OnshorePowerFacilityType 														
Properties	abstract: false														
Used by	Element OnshorePowerFacility														
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDataRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1} , infrastructureLocation{0,1} , categoryOfShorePowerFacility{0,1} , iDCode{0,1} , shorePowerDescription{0,1} , categoryOfVoltage* , categoryOfFrequency* , categoryOfPlug* , shorePowerServiceProvider{0,1} , facilityOperatingHours{0,1} , geometry+														
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> <tr> <td></td> <td></td> <td>The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</td> <td></td> </tr> </tbody> </table>	QName	Type	Use		gml:id	ID	required				The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.			
QName	Type	Use													
gml:id	ID	required													
		The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.													

Complex Type OuterLimitType

Namespace	http://www.ihc.int/S131/2.0
Annotations	The extent to which a coastal State claims or may claim a specific jurisdiction in accordance with the provisions of International Law.

Diagram

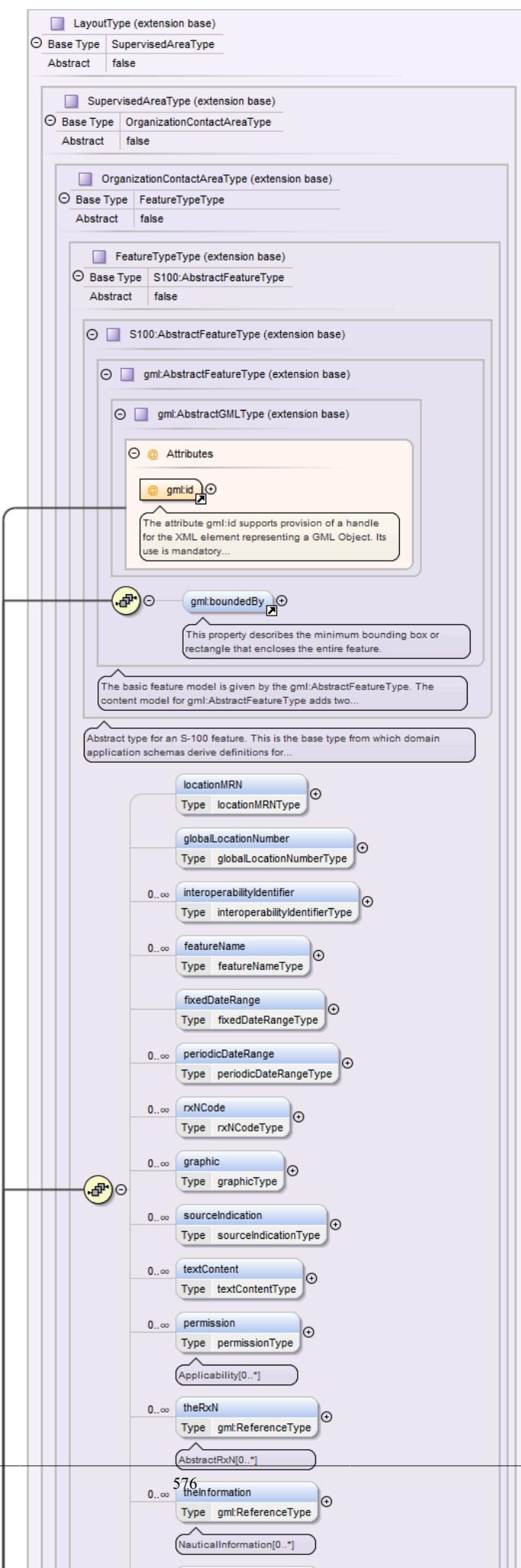


Type	extension of LayoutType														
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType <ul style="list-style-type: none"> • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType • LayoutType • OuterLimitType 														
Properties	abstract: false														
Used by	Element OuterLimit														
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDateRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1} , limitsDescription{0,1} , markedBy* , landmarkDescription* , offshoreMarkDescription* , majorLightDescription* , usefulMarkDescription* , entranceReference{0,1} , limitReference , geometry+														
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> <tr> <td></td> <td></td> <td>The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</td> <td></td> </tr> </tbody> </table>	QName	Type	Use		gml:id	ID	required				The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.			
QName	Type	Use													
gml:id	ID	required													
		The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.													

Complex Type PilotBoardingPlaceType

Namespace	http://www.ihc.int/S131/2.0
Annotations	A location offshore where a pilot may board a vessel in preparation to piloting it through local waters.

Diagram

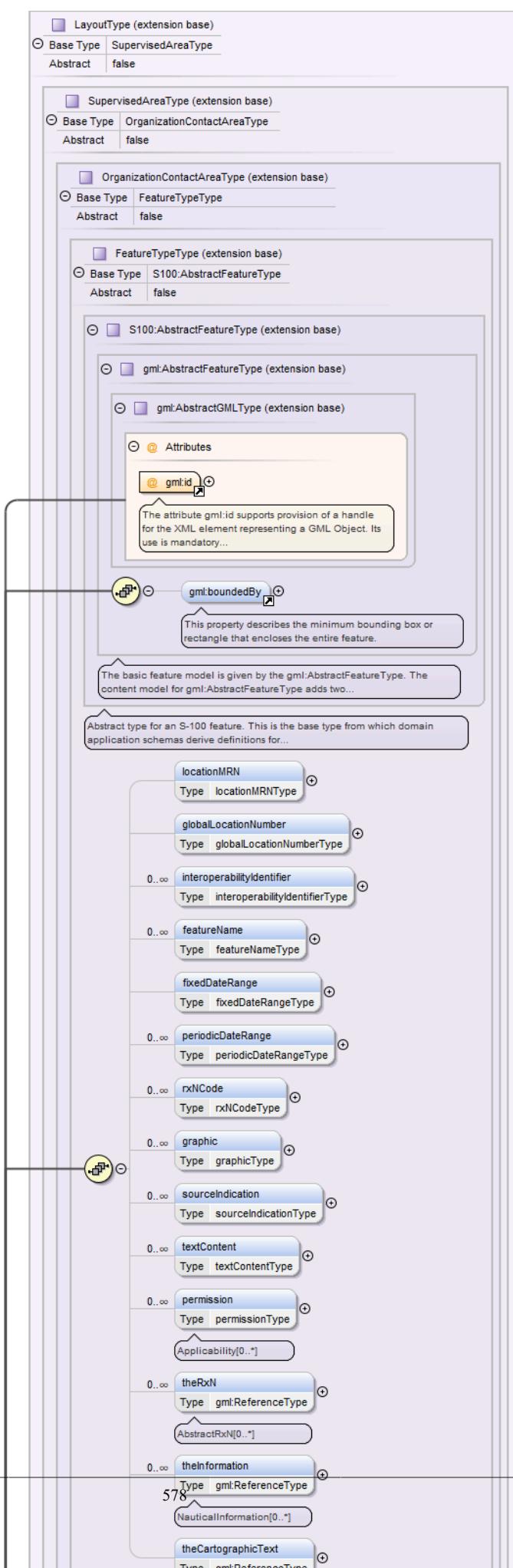


Type	extension of LayoutType										
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType <ul style="list-style-type: none"> • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType • LayoutType • PilotBoardingPlaceType 										
Properties	abstract: false										
Used by	Element PilotBoardingPlace										
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDateRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1} , depthsDescription{0,1} , locationByText{0,1} , pilotMovement{0,3} , markedBy{0,1} , iSPSLevel{0,1} , facilityOperatingHours{0,1} , componentOf , geometry+										
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> </tbody> </table>	QName	Type	Use		gml:id	ID	required		<p>The attribute <code>gml:id</code> supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>	
QName	Type	Use									
gml:id	ID	required									

Complex Type SeaplaneLandingAreaType

Namespace	http://www.ihc.int/S131/2.0
Annotations	A designated portion of water for the landing and take-off of seaplanes.

Diagram

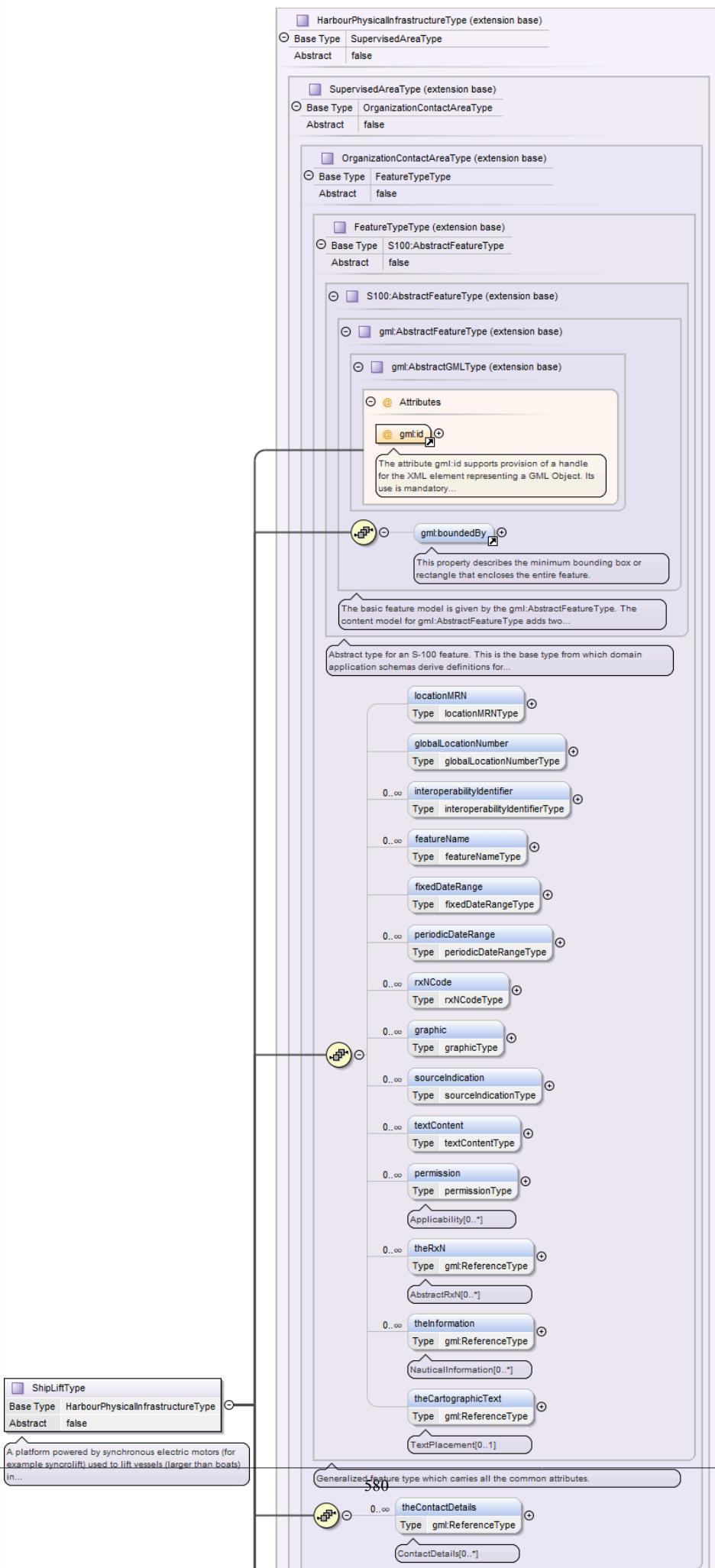


Type	extension of LayoutType										
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType <ul style="list-style-type: none"> • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType • LayoutType • SeaplaneLandingAreaType 										
Properties	abstract: false										
Used by	Element SeaplaneLandingArea										
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDataRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1} , depthsDescription{0,1} , locationByText{0,1} , markedBy{0,1} , iSPSLevel{0,1} , facilityOperatingHours{0,1} , componentOf , geometry+										
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> </tbody> </table> <p>The attribute <code>gml:id</code> supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>	QName	Type	Use		gml:id	ID	required			
QName	Type	Use									
gml:id	ID	required									

Complex Type `ShipLiftType`

Namespace	http://www.ihc.int/S131/2.0
Annotations	A platform powered by synchronous electric motors (for example syncrolift) used to lift vessels (larger than boats) in and out of the water.

Diagram

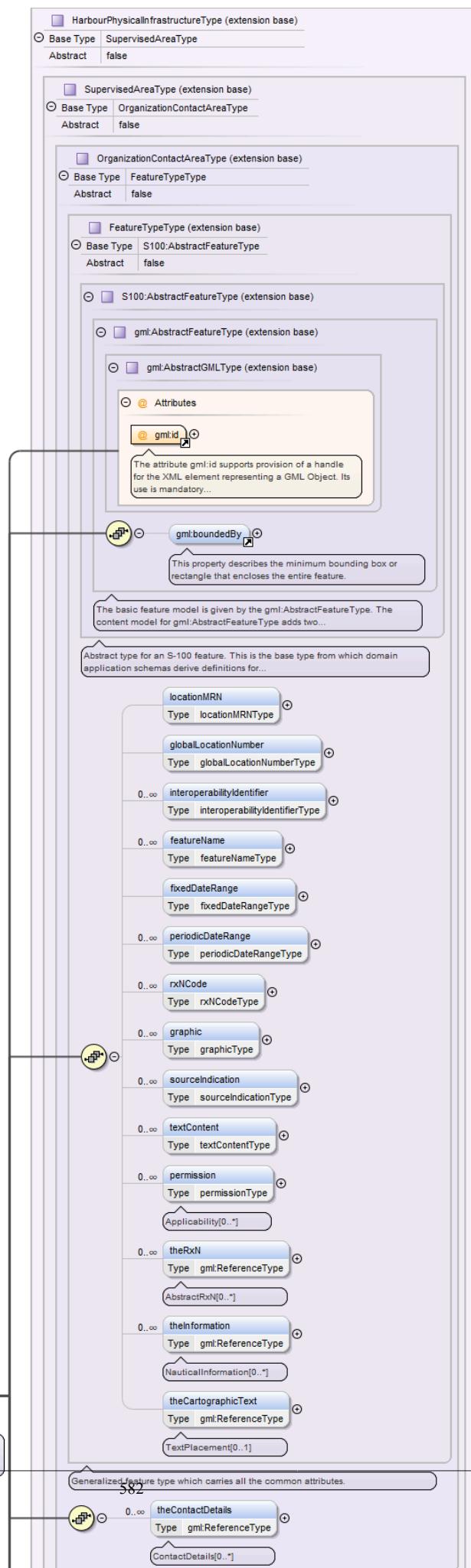


Type	extension of HarbourPhysicalInfrastructureType														
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType <ul style="list-style-type: none"> • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType • HarbourPhysicalInfrastructureType • ShipLiftType 														
Properties	abstract: false														
Used by	Element ShipLift														
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDateRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1} , infrastructureLocation{0,1} , verticalClearanceValue{0,1} , facilityOperatingHours{0,1} , geometry+														
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> <tr> <td></td> <td colspan="3">The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</td></tr> </tbody> </table>	QName	Type	Use		gml:id	ID	required			The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.				
QName	Type	Use													
gml:id	ID	required													
	The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.														

Complex Type StraddleCarrierType

Namespace	http://www.ihc.int/S131/2.0
Annotations	A wheeled vehicle designed to lift and carry containers or vessels within its own framework. It is used for moving, and sometimes stacking, shipping containers and vessels.

Diagram

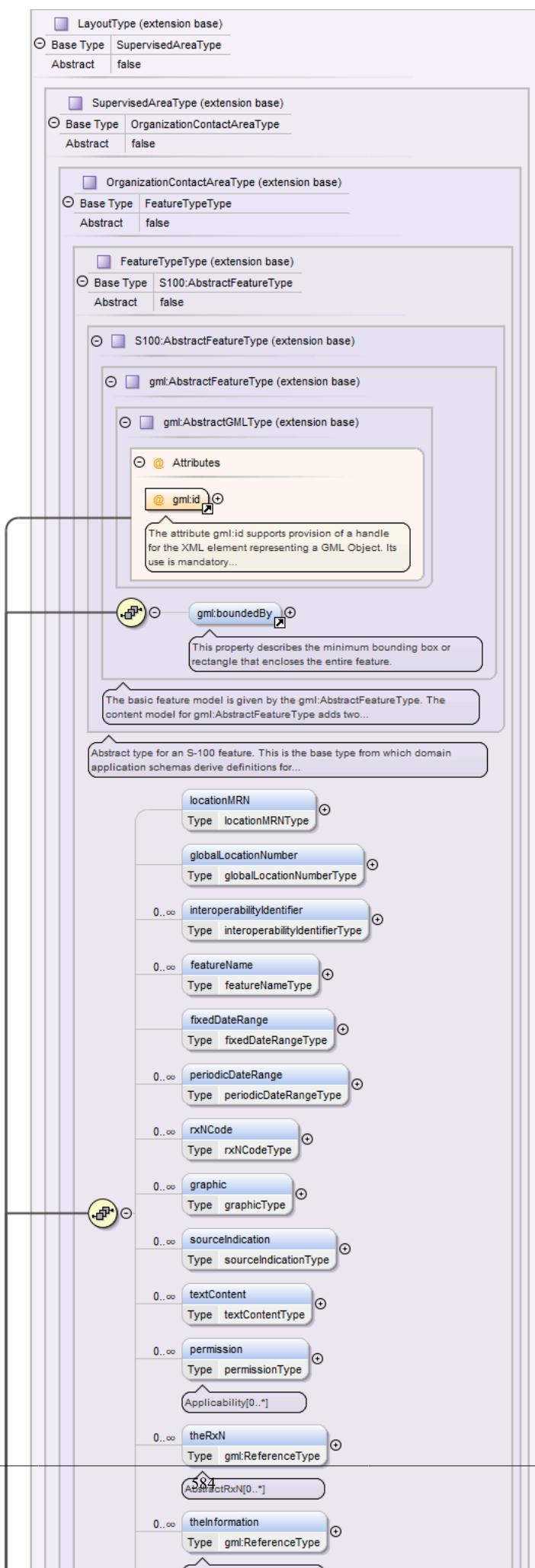


Type	extension of HarbourPhysicalInfrastructureType														
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType • HarbourPhysicalInfrastructureType • StraddleCarrierType 														
Properties	abstract: false														
Used by	Element StraddleCarrier														
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDateRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1} , infrastructureLocation{0,1} , facilityOperatingHours{0,1} , geometry+														
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> <tr> <td></td> <td colspan="3"> The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs. </td></tr> </tbody> </table>	QName	Type	Use		gml:id	ID	required			The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.				
QName	Type	Use													
gml:id	ID	required													
	The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.														

Complex Type TerminalType

Namespace	http://www.ihc.int/S131/2.0
Annotations	A terminal covers that area on shore which provides buildings and constructions for the transfer of cargo or passengers from and to ships.

Diagram

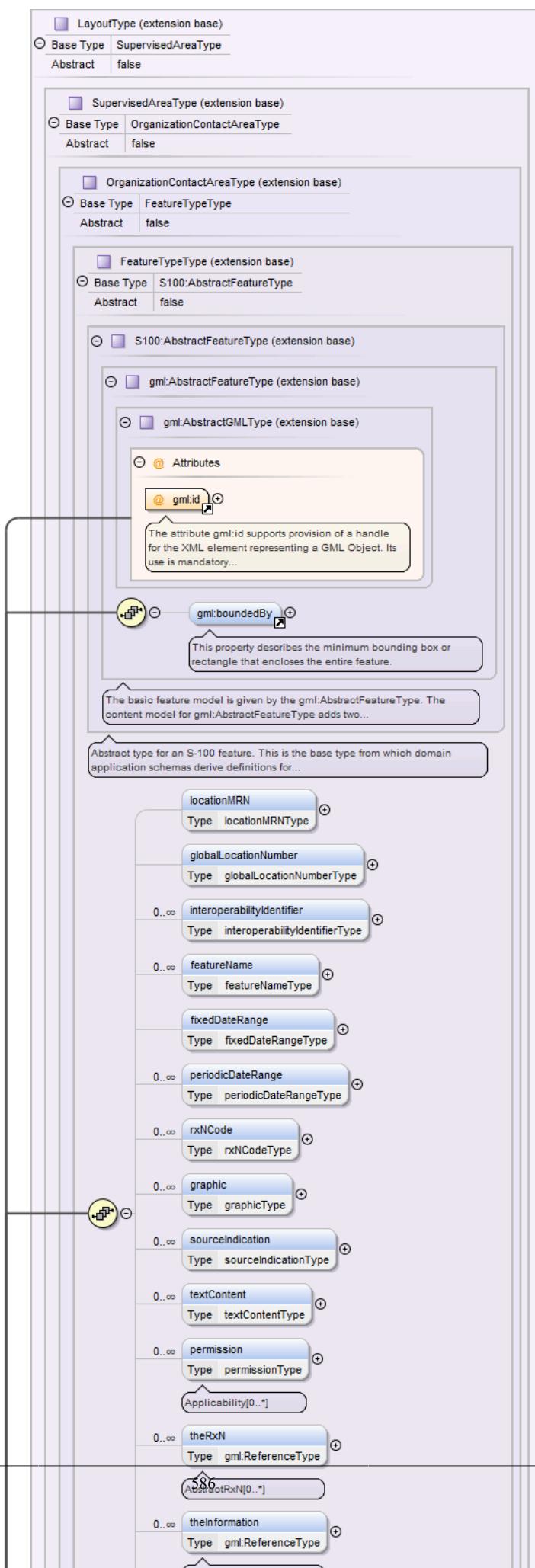


Type	extension of LayoutType														
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType • LayoutType • TerminalType 														
Properties	abstract: false														
Used by	Element Terminal														
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDataRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1} , portFacilityNumber{0,1} , categoryOfTerminal{0,1} , categoryOfCargo* , product* , terminalIdentifier{0,1} , sMDGTerminalCode{0,1} , uNLocationCode{0,1} , serviceDescriptionReference{0,1} , facilityOperatingHours{0,1} , componentOf , layoutUnit* , hasInfrastructure* , geometry+														
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> <tr> <td></td> <td colspan="3"> The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs. </td></tr> </tbody> </table>	QName	Type	Use		gml:id	ID	required			The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.				
QName	Type	Use													
gml:id	ID	required													
	The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.														

Complex Type TurningBasinType

Namespace	http://www.ihc.int/S131/2.0
Annotations	An area of water or enlargement of a channel used for turning vessels.

Diagram

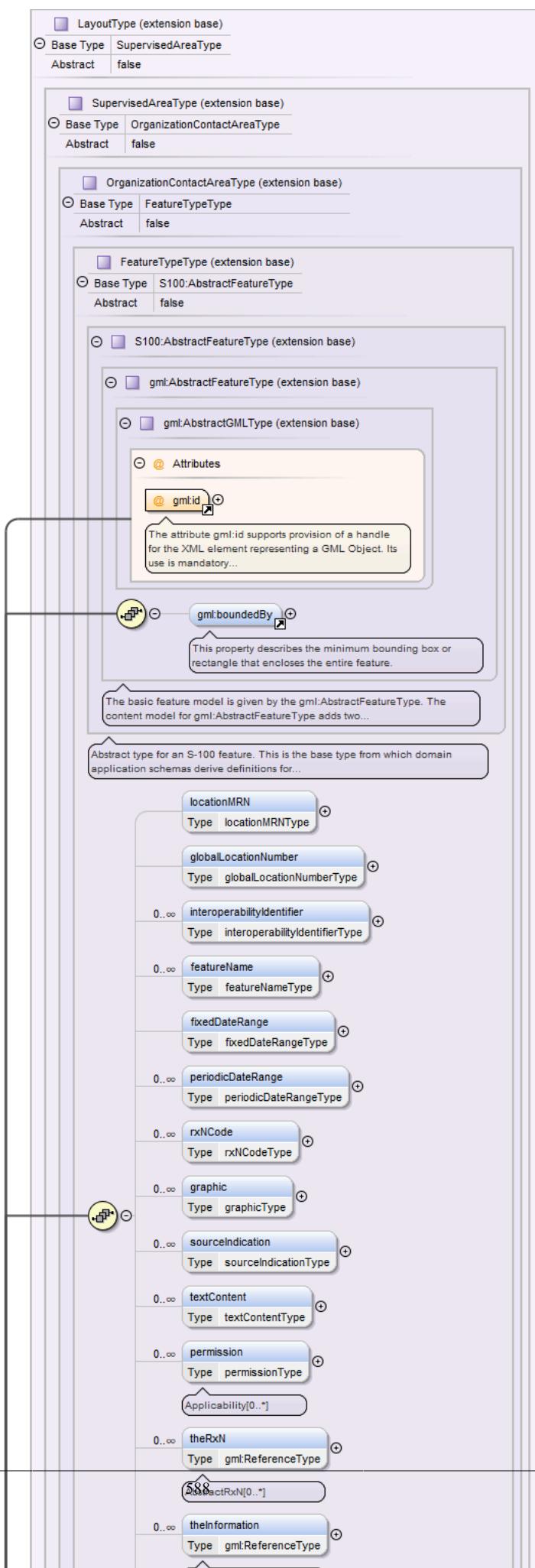


Type	extension of LayoutType										
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType <ul style="list-style-type: none"> • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType • LayoutType • TurningBasinType 										
Properties	abstract: false										
Used by	Element TurningBasin										
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDataRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1} , depthsDescription{0,1} , locationByText{0,1} , markedBy{0,1} , iSPSLevel{0,1} , facilityOperatingHours{0,1} , componentOf , geometry+										
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> </tbody> </table>	QName	Type	Use		gml:id	ID	required		<p>The attribute <code>gml:id</code> supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>	
QName	Type	Use									
gml:id	ID	required									

Complex Type WaterwayAreaType

Namespace	http://www.ihc.int/S131/2.0
Annotations	An area in which uniform general information of the waterway exists.

Diagram



Type	extension of LayoutType										
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType • AbstractFeatureType • FeatureTypeType • OrganizationContactAreaType • SupervisedAreaType • LayoutType • WaterwayAreaType 										
Properties	abstract: false										
Used by	Element WaterwayArea										
Model	gml:boundedBy{0,1} , locationMRN{0,1} , globalLocationNumber{0,1} , interoperabilityIdentifier* , featureName* , fixedDateRange{0,1} , periodicDateRange* , rxNCode* , graphic* , sourceIndication* , textContent* , permission* , theRxN* , theInformation* , theCartographicText{0,1} , theContactDetails* , controlAuthority{0,1} , categoryOfPortSection{0,1} , depthsDescription{0,1} , locationByText{0,1} , markedBy{0,1} , facilityOperatingHours{0,1} , componentOf , geometry+										
Attributes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> <th></th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> <td></td> </tr> </tbody> </table> <p>The attribute <code>gml:id</code> supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>	QName	Type	Use		gml:id	ID	required			
QName	Type	Use									
gml:id	ID	required									

Complex Type DataCoverageType

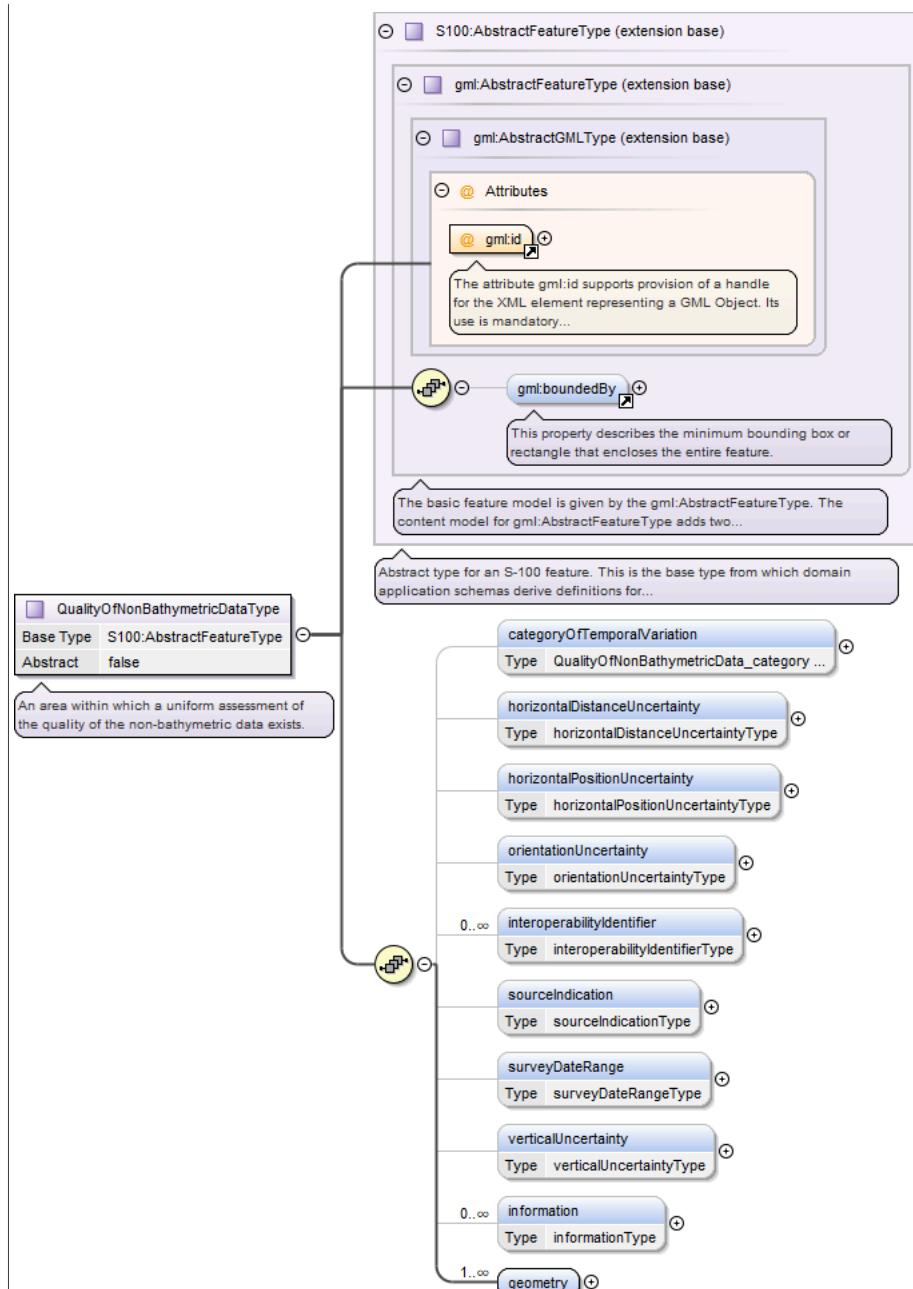
Namespace	http://www.ihc.int/S131/2.0
Annotations	A geographical area that describes the coverage and extent of spatial objects.

Diagram	<pre> classDiagram S100::AbstractFeatureType < -- gml::AbstractFeatureType gml::AbstractFeatureType < -- gml::AbstractGMLType gml::AbstractGMLType < -- DataCoverageType DataCoverageType < -- S100::AbstractFeatureType S100::AbstractFeatureType { @gml:id gml:boundedBy maximumDisplayScale minimumDisplayScale optimumDisplayScale interoperabilityIdentifier geometry } DataCoverageType { abstract false } </pre>									
Type	extension of AbstractFeatureType									
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType • AbstractFeatureType • DataCoverageType 									
Properties	abstract: false									
Used by	Element DataCoverage									
Model	<p>gml:boundedBy{0,1} , maximumDisplayScale , minimumDisplayScale , optimumDisplayScale{0,1} , interoperabilityIdentifier* , geometry+</p>									
Attributes	<table border="1"> <thead> <tr> <th>QName</th><th>Type</th><th>Use</th></tr> </thead> <tbody> <tr> <td>gml:id</td><td>ID</td><td>required</td></tr> <tr> <td></td><td colspan="2"> <p>The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p> </td></tr> </tbody> </table>	QName	Type	Use	gml:id	ID	required		<p>The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>	
QName	Type	Use								
gml:id	ID	required								
	<p>The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>									

Complex Type QualityOfNonBathymetricDataType

Namespace	http://www.ihc.int/S131/2.0
Annotations	An area within which a uniform assessment of the quality of the non-bathymetric data exists.

Diagram



Type	extension of AbstractFeatureType									
Type hierarchy	<ul style="list-style-type: none"> • <code>gml:AbstractGMLType</code> • <code>gml:AbstractFeatureType</code> • <code>AbstractFeatureType</code> • <code>QualityOfNonBathymetricDataType</code> 									
Properties	abstract: <code>false</code>									
Used by	Element <code>QualityOfNonBathymetricData</code>									
Model	<code>gml:boundedBy{0,1}</code> , <code>categoryOfTemporalVariation{0,1}</code> , <code>horizontalDistanceUncertainty{0,1}</code> , <code>horizontalPositionUncertainty{0,1}</code> , <code>orientationUncertainty{0,1}</code> , <code>interoperabilityIdentifier*</code> , <code>sourceIndication{0,1}</code> , <code>surveyDateRange{0,1}</code> , <code>verticalUncertainty{0,1}</code> , <code>information*</code> , <code>geometry+</code>									
Attributes	<table border="1"> <thead> <tr> <th>QName</th><th>Type</th><th>Use</th></tr> </thead> <tbody> <tr> <td>gml:id</td><td>ID</td><td>required</td></tr> <tr> <td colspan="3">The attribute <code>gml:id</code> supports provision of a handle for the XML element</td></tr> </tbody> </table>	QName	Type	Use	gml:id	ID	required	The attribute <code>gml:id</code> supports provision of a handle for the XML element		
QName	Type	Use								
gml:id	ID	required								
The attribute <code>gml:id</code> supports provision of a handle for the XML element										

QName	Type	Use
	representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.	

Complex Type SoundingDatumType

Namespace	http://www.ihc.int/S131/2.0							
Annotations	The horizontal plane or tidal datum to which soundings have been reduced. Also called datum for sounding reduction.							
Diagram	<p>The diagram illustrates the inheritance path of the SoundingDatumType complex type. It starts with S100:AbstractFeatureType (extension base), which is itself an extension of gml:AbstractFeatureType (extension base), which in turn extends gml:AbstractGMLType (extension base). The SoundingDatumType class is shown as an abstract type (Base Type: S100:AbstractFeatureType, Abstract: true). Annotations provide detailed descriptions for several elements:</p> <ul style="list-style-type: none"> gml:id: Described as supporting provision of a handle for the XML element representing a GML Object. Its use is mandatory. gml:boundedBy: Described as describing the minimum bounding box or rectangle that encloses the entire feature. SoundingDatumType: Described as the horizontal plane or tidal datum to which soundings have been reduced. Also called datum for sounding reduction. Abstract type for an S-100 feature: Described as the basic feature model is given by the gml:AbstractFeatureType. The content model for gml:AbstractFeatureType adds two... verticalDatum: Described as a verticalDatum element with a type of SoundingDatum_verticalDatumType, marked as not nullable. information: Described as an information element with a type of informationType, marked as 0..oo. geometry: Described as a geometry element with a type of geometryType, marked as 1..oo. 							
Type	extension of AbstractFeatureType							
Type hierarchy	<ul style="list-style-type: none"> gml:AbstractGMLType gml:AbstractFeatureType AbstractFeatureType SoundingDatumType 							
Properties	abstract: false							
Used by	Element SoundingDatum							
Model	gml:boundedBy{0,1} , verticalDatum , information* , geometry+							
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> </tr> </tbody> </table> <p>The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.</p>		QName	Type	Use	gml:id	ID	required
QName	Type	Use						
gml:id	ID	required						

Complex Type VerticalDatumOfDataType

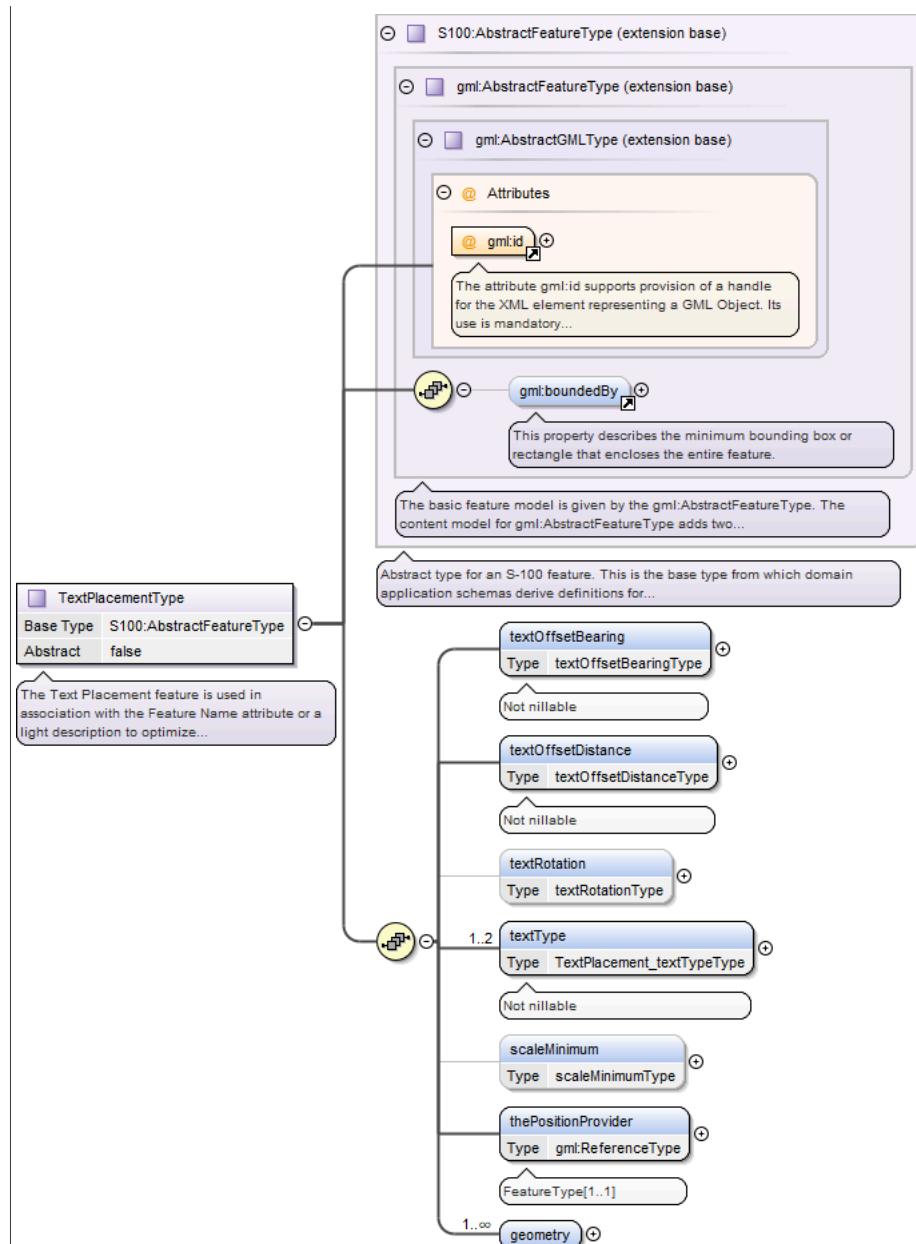
Namespace	http://www.ihc.int/S131/2.0
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Annotations	Any level surface (for example Mean Sea Level) taken as a surface of reference to which the elevations within a data set are reduced. Also called datum level, reference level, reference plane, levelling datum, datum for heights.						
Diagram	<pre> classDiagram class VerticalDatumOfDataType { <<Base Type: S100:AbstractFeatureType>> Abstract: false } class S100:AbstractFeatureType { <<extension base>> } class gml:AbstractFeatureType { <<extension base>> } class gml:AbstractGMLType { <<extension base>> } VerticalDatumOfDataType < -- S100:AbstractFeatureType S100:AbstractFeatureType < -- gml:AbstractFeatureType gml:AbstractFeatureType < -- gml:AbstractGMLType S100:AbstractFeatureType "1..1" --> @gml:id : ID S100:AbstractFeatureType "1..1" --> gml:boundedBy : BoundingBox S100:AbstractFeatureType "1..1" --> verticalDatum : VerticalDatumOfData_verticalDatumType S100:AbstractFeatureType "0..1" --> information : informationType S100:AbstractFeatureType "1..1" --> geometry : geometryType </pre> <p>The diagram illustrates the inheritance path from <code>VerticalDatumOfDataType</code> to <code>S100:AbstractFeatureType</code>. It shows the following relationships:</p> <ul style="list-style-type: none"> <code>VerticalDatumOfDataType</code> is a base type of <code>S100:AbstractFeatureType</code>. <code>S100:AbstractFeatureType</code> is an extension base for <code>gml:AbstractFeatureType</code>. <code>gml:AbstractFeatureType</code> is an extension base for <code>gml:AbstractGMLType</code>. <code>S100:AbstractFeatureType</code> has associations with several attributes: <ul style="list-style-type: none"> <code>@gml:id</code>: A required attribute of type <code>ID</code>. <code>gml:boundedBy</code>: An association with type <code>BoundingBox</code>. <code>verticalDatum</code>: An association with type <code>VerticalDatumOfData_verticalDatumType</code>, marked as <code>Not nullable</code>. <code>information</code>: An optional association with type <code>informationType</code>. <code>geometry</code>: An association with type <code>geometryType</code>. 						
Type	extension of <code>AbstractFeatureType</code>						
Type hierarchy	<ul style="list-style-type: none"> <code>gml:AbstractGMLType</code> <code>gml:AbstractFeatureType</code> <code>AbstractFeatureType</code> <code>VerticalDatumOfDataType</code> 						
Properties	<code>abstract: false</code>						
Used by	Element <code>VerticalDatumOfData</code>						
Model	<code>gml:boundedBy{0,1}</code> , <code>verticalDatum</code> , <code>information*</code> , <code>geometry+</code>						
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td><code>gml:id</code></td> <td><code>ID</code></td> <td>required</td> </tr> </tbody> </table> <p>The attribute <code>gml:id</code> supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type <code>ID</code>, so is constrained to be unique in the XML document within which it occurs.</p>	QName	Type	Use	<code>gml:id</code>	<code>ID</code>	required
QName	Type	Use					
<code>gml:id</code>	<code>ID</code>	required					

Complex Type `TextPlacementType`

Namespace	http://www.ihoint/S131/2.0
Annotations	The Text Placement feature is used in association with the Feature Name attribute or a light description to optimize text positioning in ECDIS.

Diagram



Type	extension of AbstractFeatureType
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Type hierarchy	<ul style="list-style-type: none"> • <code>gml:AbstractGMLType</code> • <code>gml:AbstractFeatureType</code> • <code>AbstractFeatureType</code> • <code>TextPlacementType</code>
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Properties	abstract: false
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Used by	Element
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Model	<code>gml:boundedBy{0,1}</code> , <code>textOffsetBearing</code> , <code>textOffsetDistance</code> , <code>textRotation{0,1}</code> , <code>textType{1,2}</code> , <code>scaleMinimum{0,1}</code> , <code>thePositionProvider</code> , <code>geometry+</code>
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Attributes	QName	Type	Use
	gml:id	ID	required

The attribute `gml:id` supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it

QName	Type	Use
	occurs.	

Complex Type ThisDatasetType

Namespace	http://www.ih0.int/S131/2.0							
Diagram	<p>The diagram illustrates the inheritance path from ThisDatasetType to S100:DatasetType. It shows the following structure:</p> <ul style="list-style-type: none"> Attributes: gml:id (mandatory) supports provision of a handle for the XML element representing a GML Object. gml:boundedBy (0..1) describes the minimum bounding box or rectangle that encloses the entire feature. DatasetIdentificationInformation (0..1) provides dataset identification information. Geometry (0..1) contains: <ul style="list-style-type: none"> Point, MultiPoint curves (0..1): <ul style="list-style-type: none"> Curve, CompositeCurve, OrientableCurve S-100 orientable curve is the same as GML orientable curve. Added for consistency. Surface Polygon (S-100 version of polygon type) Allows spatial objects to be located outside feature objects. members (0..1) is an extension of gml:AbstractFeatureMemberType. 							
Type	extension of DatasetType							
Type hierarchy	<ul style="list-style-type: none"> • gml:AbstractGMLType • gml:AbstractFeatureType • DatasetType • ThisDatasetType 							
Used by	Element	Dataset						
Model	<p>gml:boundedBy{0,1} , DatasetIdentificationInformation , (Point MultiPoint Curve CompositeCurve OrientableCurve Surface Polygon) , members</p>							
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>gml:id</td> <td>ID</td> <td>required</td> </tr> </tbody> </table> <p>The attribute gml:id supports provision of a handle for the XML element</p>		QName	Type	Use	gml:id	ID	required
QName	Type	Use						
gml:id	ID	required						

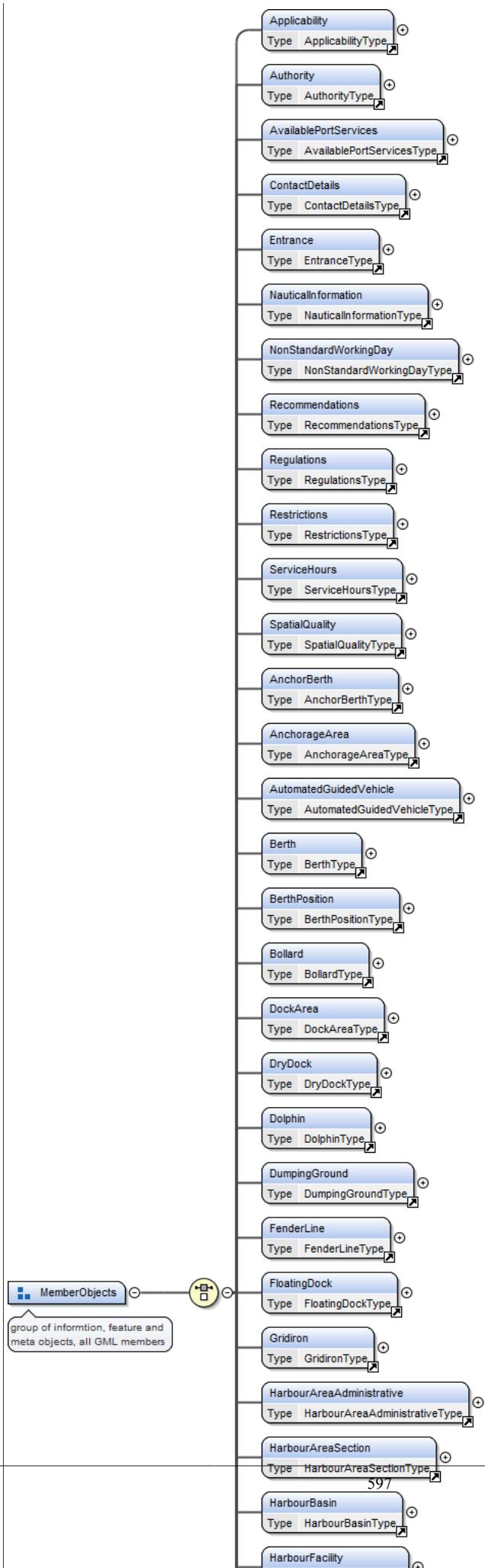
QName	Type	Use
		representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.

Element Group(s)

Element Group MemberObjects

Namespace	http://www.ihg.int/S131/2.0
Annotations	group of information, feature and meta objects, all GML members

Diagram



Used by	Element	ThisDatasetType/members
Model		Applicability Authority AvailablePortServices ContactDetails Entrance NauticalInformation NonStandardWorkingDay Recommendations Regulations Restrictions ServiceHours SpatialQuality AnchorBerth AnchorageArea AutomatedGuidedVehicle Berth BerthPosition Bollard DockArea DryDock Dolphin DumpingGround FenderLine FloatingDock Gridiron HarbourAreaAdministrative HarbourAreaSection HarbourBasin HarbourFacility LockBasin LockBasinPart MooringBuoy MooringWarpingFacility OnshorePowerFacility OuterLimit PilotBoardingPlace SeaplaneLandingArea ShipLift StraddleCarrier Terminal TurningBasin WaterwayArea DataCoverage QualityOfNonBathymetricData SoundingDatum VerticalDatumOfData TextPlacement

Namespace: ""

Attribute(s)

Attribute **berthingAssistanceType / @code**

Namespace	No namespace		
Type	berthingAssistanceCode		
Properties	use:	required	
Facets	enumeration	1	Information about assistance or arrangements for a service related to berthing operations.
	enumeration	2	Personnel specializing in the mooring and unmooring of vessels.
	enumeration	3	A boat which assists the securement of a vessel to a berth or mooring with ropes or anchor.
	enumeration	4	A locomotive for moving vessels.
	enumeration	5	A powerful small boat designed to pull or push larger ships or powerless barges.
	enumeration	6	A ship equipped to make and maintain a channel through ice.
Used by	Complex Type	berthingAssistanceType	

Attribute **AvailablePortServices_berthingAssistanceType / @code**

Namespace	No namespace		
Type	AvailablePortServices_berthingAssistanceCode		
Properties	use:	required	
Facets	enumeration	1	Information about assistance or arrangements for a service related to berthing operations.
	enumeration	2	Personnel specializing in the mooring and unmooring of vessels.
	enumeration	3	A boat which assists the securement of a vessel to a berth or mooring with ropes or anchor.
	enumeration	4	A locomotive for moving vessels.
	enumeration	5	A powerful small boat designed to pull or push larger ships or powerless barges.
	enumeration	6	A ship equipped to make and maintain a channel through ice.
Used by	Complex Type	AvailablePortServices_berthingAssistanceType	

Attribute **cardinalDirectionType / @code**

Namespace	No namespace		
Type	cardinalDirectionCode		
Properties	use:	required	
Facets	enumeration	1	348.75-011.25 degrees (true north).
	enumeration	2	011.25 - 033.75 degrees.
	enumeration	3	033.75 - 056.25 degrees.

enumeration	4	056.25-078.75 degrees.
enumeration	5	078.75-101.25 degrees.
enumeration	6	101.25-123.75 degrees.
enumeration	7	123.75-146.25 degrees.
enumeration	8	146.25-168.75 degrees.
enumeration	9	168.75-191.25 degrees.
enumeration	10	191.25-213.75 degrees.
enumeration	11	213.75-236.25 degrees.
enumeration	12	236.25-258.75 degrees.
enumeration	13	258.75-281.25 degrees.
enumeration	14	281.25-303.75 degrees.
enumeration	15	303.75 - 326.25 degrees.
enumeration	16	326.25 - 348.75 degrees.
Used by	Complex Type	cardinalDirectionType

Attribute bearingInformation_cardinalDirectionType / @code

Namespace	No namespace	
Type	bearingInformation_cardinalDirectionCode	
Properties	use: required	
Facets	enumeration	1
		348.75-011.25 degrees (true north).
	enumeration	2
		011.25 - 033.75 degrees.
	enumeration	3
		033.75 - 056.25 degrees.
	enumeration	4
		056.25-078.75 degrees.
	enumeration	5
		078.75-101.25 degrees.
	enumeration	6
		101.25-123.75 degrees.
	enumeration	7
		123.75-146.25 degrees.
	enumeration	8
		146.25-168.75 degrees.
	enumeration	9
		168.75-191.25 degrees.
	enumeration	10
		191.25-213.75 degrees.
	enumeration	11
		213.75-236.25 degrees.
	enumeration	12
		236.25-258.75 degrees.
	enumeration	13
		258.75-281.25 degrees.
	enumeration	14
		281.25-303.75 degrees.
	enumeration	15
		303.75 - 326.25 degrees.
	enumeration	16
		326.25 - 348.75 degrees.
Used by	Complex Type	bearingInformation_cardinalDirectionType

Attribute cargoServiceType / @code

Namespace	No namespace	
Type	cargoServiceCode	
Properties	use: required	
Facets	enumeration	1
		The loading, unloading, moving or handling of cargo, ship's stores, gear, or other materials, into, in, on, or out of any vessel.
	enumeration	2
		Inspection, evaluation or monitoring of the quantity, stowage, loading and unloading, and condition of cargo, and the effects of cargoes on vessel stability and safety.
	enumeration	3
		The securing of cargo to the ship's structure and/or other cargo.

	enumeration	4	Determination of the quantity of certain types of bulk cargo by assessment of its effect on displacement when loaded in a vessel.
Used by	Complex Type	cargoServiceType	

Attribute AvailablePortServices_cargoServiceType / @code

Namespace	No namespace		
Type	AvailablePortServices_cargoServiceCode		
Properties	use: required		
Facets	enumeration	1	The loading, unloading, moving or handling of cargo, ship's stores, gear, or other materials, into, in, on, or out of any vessel.
	enumeration	2	Inspection, evaluation or monitoring of the quantity, stowage, loading and unloading, and condition of cargo, and the effects of cargoes on vessel stability and safety.
	enumeration	3	The securement of cargo to the ship's structure and/or other cargo.
	enumeration	4	Determination of the quantity of certain types of bulk cargo by assessment of its effect on displacement when loaded in a vessel.
Used by	Complex Type	AvailablePortServices_cargoServiceType	

Attribute categoryOfAnchorageType / @code

Namespace	No namespace		
Type	categoryOfAnchorageCode		
Properties	use: required		
Facets	enumeration	1	An area in which vessels anchor or may anchor.
	enumeration	2	An area in which vessels of deep draught anchor or may anchor.
	enumeration	3	An area in which tankers anchor or may anchor.
	enumeration	5	An area where a vessel anchors when satisfying quarantine regulations.
	enumeration	6	An area in which seaplanes anchor or may anchor.
	enumeration	7	An area in which yachts and small boats anchor or may anchor.
	enumeration	9	An area in which vessels anchor or may anchor for periods of up to 24 hours.
	enumeration	10	An area in which vessels may anchor for a period of time not to exceed a specific limit.
	enumeration	14	An area in which vessels anchor or may anchor while waiting, for example, for access to a port or berth.
	enumeration	15	A location not defined by a regulatory authority that has been reported to be suitable and safe for anchoring.
Used by	Complex Type	categoryOfAnchorageType	

Attribute AnchorBerth_categoryOfAnchorageType / @code

Namespace	No namespace		
Type	AnchorBerth_categoryOfAnchorageCode		
Properties	use: required		
Facets	enumeration	1	An area in which vessels anchor or may anchor.
	enumeration	2	An area in which vessels of deep draught anchor or may anchor.
	enumeration	3	An area in which tankers anchor or may anchor.

	enumeration	5	An area where a vessel anchors when satisfying quarantine regulations.
	enumeration	6	An area in which seaplanes anchor or may anchor.
	enumeration	7	An area in which yachts and small boats anchor or may anchor.
	enumeration	9	An area in which vessels anchor or may anchor for periods of up to 24 hours.
	enumeration	10	An area in which vessels may anchor for a period of time not to exceed a specific limit.
	enumeration	14	An area in which vessels anchor or may anchor while waiting, for example, for access to a port or berth.
Used by	Complex Type	AnchorBerth_categoryOfAnchorageType	

Attribute AnchorageArea_categoryOfAnchorageType / @code

Namespace	No namespace		
Type	AnchorageArea_categoryOfAnchorageCode		
Properties	use: required		
Facets	enumeration	1	An area in which vessels anchor or may anchor.
	enumeration	2	An area in which vessels of deep draught anchor or may anchor.
	enumeration	3	An area in which tankers anchor or may anchor.
	enumeration	5	An area where a vessel anchors when satisfying quarantine regulations.
	enumeration	6	An area in which seaplanes anchor or may anchor.
	enumeration	7	An area in which yachts and small boats anchor or may anchor.
	enumeration	9	An area in which vessels anchor or may anchor for periods of up to 24 hours.
	enumeration	10	An area in which vessels may anchor for a period of time not to exceed a specific limit.
	enumeration	14	An area in which vessels anchor or may anchor while waiting, for example, for access to a port or berth.
	enumeration	15	A location not defined by a regulatory authority that has been reported to be suitable and safe for anchoring.
Used by	Complex Type	AnchorageArea_categoryOfAnchorageType	

Attribute categoryOfAuthorityType / @code

Namespace	No namespace		
Type	categoryOfAuthorityCode		
Properties	use: required		
Facets	enumeration	2	The administration to prevent or detect and prosecute violations of rules and regulations at international boundaries.
	enumeration	3	The department of government, or civil force, charged with maintaining public order.
	enumeration	4	Person or corporation, owners of, or entrusted with or invested with the power of managing a port. May be called a Harbour Board, Port Trust, Port Commission, Harbour Commission, Marine Department.
	enumeration	5	The authority controlling people entering a country.
	enumeration	6	The authority with responsibility for checking the validity of the health declaration of a vessel and for declaring free pratique.
	enumeration	7	Organization keeping watch on shipping and coastal waters according to governmental law;

		normally the authority with responsibility for search and rescue.
enumeration	8	The authority with responsibility for preventing infection of the agriculture of a country and for the protection of the agricultural interests of a country.
enumeration	9	A military authority which provides control of access to or approval for transit through designated areas or airspace.
enumeration	10	A private or publicly owned company or commercial enterprise which exercises control of facilities, for example a calibration area.
enumeration	11	A governmental or military force with jurisdiction in territorial waters. Examples could include Gendarmerie Maritime, Carabinierie, and Guardia Civil.
enumeration	12	An authority with responsibility for the protection of the environment.
enumeration	13	An authority with responsibility for the control of fisheries.
enumeration	14	An authority with responsibility for the control and movement of money.
enumeration	15	A national or regional authority charged with administration of maritime affairs.
enumeration	16	The agency or establishment for collecting duties, tolls.
Used by	Complex Type	categoryOfAuthorityType

Attribute AbstractRxN_categoryOfAuthorityType / @code

Namespace	No namespace		
Type	AbstractRxN_categoryOfAuthorityCode		
Properties	use: required		
Facets	enumeration	2	The administration to prevent or detect and prosecute violations of rules and regulations at international boundaries.
	enumeration	3	The department of government, or civil force, charged with maintaining public order.
	enumeration	4	Person or corporation, owners of, or entrusted with or invested with the power of managing a port. May be called a Harbour Board, Port Trust, Port Commission, Harbour Commission, Marine Department.
	enumeration	5	The authority controlling people entering a country.
	enumeration	6	The authority with responsibility for checking the validity of the health declaration of a vessel and for declaring free pratique.
	enumeration	7	Organization keeping watch on shipping and coastal waters according to governmental law; normally the authority with responsibility for search and rescue.
	enumeration	8	The authority with responsibility for preventing infection of the agriculture of a country and for the protection of the agricultural interests of a country.
	enumeration	9	A military authority which provides control of access to or approval for transit through designated areas or airspace.
	enumeration	10	A private or publicly owned company or commercial enterprise which exercises control of facilities, for example a calibration area.
	enumeration	11	A governmental or military force with jurisdiction in territorial waters. Examples could include Gendarmerie Maritime, Carabinierie, and Guardia Civil.
	enumeration	12	An authority with responsibility for the protection of the environment.

	enumeration	13	An authority with responsibility for the control of fisheries.
	enumeration	14	An authority with responsibility for the control and movement of money.
	enumeration	15	A national or regional authority charged with administration of maritime affairs.
	enumeration	16	The agency or establishment for collecting duties, tolls.
Used by	Complex Type		AbstractRxN_categoryOfAuthorityType

Attribute Authority_categoryOfAuthorityType / @code

Namespace	No namespace		
Type	Authority_categoryOfAuthorityCode		
Properties	use: required		
Facets	enumeration	2	The administration to prevent or detect and prosecute violations of rules and regulations at international boundaries.
	enumeration	3	The department of government, or civil force, charged with maintaining public order.
	enumeration	4	Person or corporation, owners of, or entrusted with or invested with the power of managing a port. May be called a Harbour Board, Port Trust, Port Commission, Harbour Commission, Marine Department.
	enumeration	5	The authority controlling people entering a country.
	enumeration	6	The authority with responsibility for checking the validity of the health declaration of a vessel and for declaring free pratique.
	enumeration	7	Organization keeping watch on shipping and coastal waters according to governmental law; normally the authority with responsibility for search and rescue.
	enumeration	8	The authority with responsibility for preventing infection of the agriculture of a country and for the protection of the agricultural interests of a country.
	enumeration	9	A military authority which provides control of access to or approval for transit through designated areas or airspace.
	enumeration	10	A private or publicly owned company or commercial enterprise which exercises control of facilities, for example a calibration area.
	enumeration	11	A governmental or military force with jurisdiction in territorial waters. Examples could include Gendarmerie Maritime, Carabinierie, and Guardia Civil.
	enumeration	12	An authority with responsibility for the protection of the environment.
	enumeration	13	An authority with responsibility for the control of fisheries.
	enumeration	14	An authority with responsibility for the control and movement of money.
	enumeration	15	A national or regional authority charged with administration of maritime affairs.
	enumeration	16	The agency or establishment for collecting duties, tolls.
	enumeration	0	
Used by	Complex Type		Authority_categoryOfAuthorityType

Attribute sourceIndication_categoryOfAuthorityType / @code

Namespace	No namespace
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Type	sourceIndication_categoryOfAuthorityCode		
Properties	use:	required	
Facets	enumeration	2	The administration to prevent or detect and prosecute violations of rules and regulations at international boundaries.
	enumeration	3	The department of government, or civil force, charged with maintaining public order.
	enumeration	4	Person or corporation, owners of, or entrusted with or invested with the power of managing a port. May be called a Harbour Board, Port Trust, Port Commission, Harbour Commission, Marine Department.
	enumeration	5	The authority controlling people entering a country.
	enumeration	6	The authority with responsibility for checking the validity of the health declaration of a vessel and for declaring free pratique.
	enumeration	7	Organization keeping watch on shipping and coastal waters according to governmental law; normally the authority with responsibility for search and rescue.
	enumeration	8	The authority with responsibility for preventing infection of the agriculture of a country and for the protection of the agricultural interests of a country.
	enumeration	9	A military authority which provides control of access to or approval for transit through designated areas or airspace.
	enumeration	10	A private or publicly owned company or commercial enterprise which exercises control of facilities, for example a calibration area.
	enumeration	11	A governmental or military force with jurisdiction in territorial waters. Examples could include Gendarmerie Maritime, Carabinierie, and Guardia Civil.
	enumeration	12	An authority with responsibility for the protection of the environment.
	enumeration	13	An authority with responsibility for the control of fisheries.
	enumeration	14	An authority with responsibility for the control and movement of money.
	enumeration	15	A national or regional authority charged with administration of maritime affairs.
	enumeration	16	The agency or establishment for collecting duties, tolls.
Used by	Complex Type	sourceIndication_categoryOfAuthorityType	

Attribute categoryOfBerthLocationType / @code

Namespace	No namespace		
Type	categoryOfBerthLocationCode		
Properties	use:	required	
Facets	enumeration	1	A wharf or quay with reference position(s) given by one or more metre marks.
	enumeration	2	A wharf or quay with reference position(s) given by one or more point or points in geographic coordinates.
	enumeration	3	A long, narrow structure extending into the water to afford a berthing place for vessels, to serve as a promenade, etc.
	enumeration	4	A designated facility where a vessel may moor, usually by a combination of the mooring buoys and the ship's anchors.
Used by	Complex Type	categoryOfBerthLocationType	

Attribute Berth_categoryOfBerthLocationType / @code

Namespace	No namespace		
Type	Berth_categoryOfBerthLocationCode		
Properties	use: required		
Facets	enumeration	1	A wharf or quay with reference position(s) given by one or more metre marks.
	enumeration	2	A wharf or quay with reference position(s) given by one or more point or points in geographic coordinates.
	enumeration	3	A long, narrow structure extending into the water to afford a berthing place for vessels, to serve as a promenade, etc.
	enumeration	4	A designated facility where a vessel may moor, usually by a combination of the mooring buoys and the ship's anchors.
Used by	Complex Type	Berth_categoryOfBerthLocationType	

Attribute categoryOfCargoType / @code

Namespace	No namespace		
Type	categoryOfCargoCode		
Properties	use: required		
Facets	enumeration	1	Unpacked homogenous cargo poured loose in a certain space of a vessel, for example oil or grain.
	enumeration	2	One of a number of standard sized cargo carrying units, secured using standard corner attachments and bar.
	enumeration	3	Break bulk cargo normally loaded by crane.
	enumeration	4	Any cargo loaded by pipeline.
	enumeration	5	A fee paying traveller.
	enumeration	6	Live animals carried in bulk.
	enumeration	7	Dangerous or hazardous cargo as described by the IMO International Maritime Dangerous Goods code.
	enumeration	8	Indivisible heavy items of weight generally over 100 tons, and width or height greater than 100 metres.
	enumeration	9	Material carried by a ship to ensure its stability.
	enumeration	10	Commodity cargo that is transported unpackaged in large quantities. These types of goods usually need to be kept dry during the whole transportation period.
	enumeration	11	Liquids or gases that are transported in bulk and carried unpackaged.
	enumeration	12	Cargo transported in refrigerated containers, generally perishable commodities which require temperature-controlled transportation, such as fruit, meat, fish, vegetables, dairy products and other foods.
	enumeration	13	Wheeled cargo, such as cars, busses, trucks, agricultural vehicles and cranes, that are driven on and off the ship on their own wheels or using a platform vehicle, such as a self-propelled modular transporter.
	enumeration	14	Project cargo is a term used to broadly describe the national or international transportation of large, heavy, high value, or critical (to the project they are intended for) pieces of equipment. Also commonly referred to as heavy lift, this includes shipments made of various components which need disassembly for shipment and reassembly after delivery.

	enumeration	15	Goods that are stowed on board ship in individually counted units, and not in intermodal containers nor in bulk as with oil or grain.
Used by	Complex Type	categoryOfCargoType	

Attribute **Applicability_categoryOfCargoType / @code**

Namespace	No namespace		
Type	Applicability_categoryOfCargoCode		
Properties	use: required		
Facets	enumeration	2	One of a number of standard sized cargo carrying units, secured using standard corner attachments and bar.
	enumeration	5	A fee paying traveller.
	enumeration	6	Live animals carried in bulk.
	enumeration	7	Dangerous or hazardous cargo as described by the IMO International Maritime Dangerous Goods code.
	enumeration	8	Indivisible heavy items of weight generally over 100 tons, and width or height greater than 100 metres.
	enumeration	10	Commodity cargo that is transported unpackaged in large quantities. These types of goods usually need to be kept dry during the whole transportation period.
	enumeration	11	Liquids or gases that are transported in bulk and carried unpackaged.
	enumeration	12	Cargo transported in refrigerated containers, generally perishable commodities which require temperature-controlled transportation, such as fruit, meat, fish, vegetables, dairy products and other foods.
	enumeration	13	Wheeled cargo, such as cars, busses, trucks, agricultural vehicles and cranes, that are driven on and off the ship on their own wheels or using a platform vehicle, such as a self-propelled modular transporter.
	enumeration	14	Project cargo is a term used to broadly describe the national or international transportation of large, heavy, high value, or critical (to the project they are intended for) pieces of equipment. Also commonly referred to as heavy lift, this includes shipments made of various components which need disassembly for shipment and reassembly after delivery.
	enumeration	15	Goods that are stowed on board ship in individually counted units, and not in intermodal containers nor in bulk as with oil or grain.
Used by	Complex Type	Applicability_categoryOfCargoType	

Attribute **AnchorBerth_categoryOfCargoType / @code**

Namespace	No namespace		
Type	AnchorBerth_categoryOfCargoCode		
Properties	use: required		
Facets	enumeration	1	Unpacked homogenous cargo poured loose in a certain space of a vessel, for example oil or grain.
	enumeration	2	One of a number of standard sized cargo carrying units, secured using standard corner attachments and bar.
	enumeration	3	Break bulk cargo normally loaded by crane.
	enumeration	4	Any cargo loaded by pipeline.
	enumeration	5	A fee paying traveller.

enumeration	6	Live animals carried in bulk.
enumeration	7	Dangerous or hazardous cargo as described by the IMO International Maritime Dangerous Goods code.
enumeration	8	Indivisible heavy items of weight generally over 100 tons, and width or height greater than 100 metres.
enumeration	9	Material carried by a ship to ensure its stability.
enumeration	10	Commodity cargo that is transported unpackaged in large quantities. These types of goods usually need to be kept dry during the whole transportation period.
enumeration	11	Liquids or gases that are transported in bulk and carried unpackaged.
enumeration	12	Cargo transported in refrigerated containers, generally perishable commodities which require temperature-controlled transportation, such as fruit, meat, fish, vegetables, dairy products and other foods.
enumeration	13	Wheeled cargo, such as cars, busses, trucks, agricultural vehicles and cranes, that are driven on and off the ship on their own wheels or using a platform vehicle, such as a self-propelled modular transporter.
enumeration	14	Project cargo is a term used to broadly describe the national or international transportation of large, heavy, high value, or critical (to the project they are intended for) pieces of equipment. Also commonly referred to as heavy lift, this includes shipments made of various components which need disassembly for shipment and reassembly after delivery.
enumeration	15	Goods that are stowed on board ship in individually counted units, and not in intermodal containers nor in bulk as with oil or grain.
Used by	Complex Type	AnchorBerth_categoryOfCargoType

Attribute AnchorageArea_categoryOfCargoType / @code

Namespace	No namespace		
Type	AnchorageArea_categoryOfCargoCode		
Properties	use: required		
Facets	enumeration	1	Unpacked homogenous cargo poured loose in a certain space of a vessel, for example oil or grain.
	enumeration	2	One of a number of standard sized cargo carrying units, secured using standard corner attachments and bar.
	enumeration	3	Break bulk cargo normally loaded by crane.
	enumeration	4	Any cargo loaded by pipeline.
	enumeration	5	A fee paying traveller.
	enumeration	6	Live animals carried in bulk.
	enumeration	7	Dangerous or hazardous cargo as described by the IMO International Maritime Dangerous Goods code.
	enumeration	8	Indivisible heavy items of weight generally over 100 tons, and width or height greater than 100 metres.
	enumeration	9	Material carried by a ship to ensure its stability.
	enumeration	10	Commodity cargo that is transported unpackaged in large quantities. These types of goods usually need to be kept dry during the whole transportation period.
	enumeration	11	Liquids or gases that are transported in bulk and carried unpackaged.

	enumeration	12	Cargo transported in refrigerated containers, generally perishable commodities which require temperature-controlled transportation, such as fruit, meat, fish, vegetables, dairy products and other foods.
	enumeration	13	Wheeled cargo, such as cars, busses, trucks, agricultural vehicles and cranes, that are driven on and off the ship on their own wheels or using a platform vehicle, such as a self-propelled modular transporter.
	enumeration	14	Project cargo is a term used to broadly describe the national or international transportation of large, heavy, high value, or critical (to the project they are intended for) pieces of equipment. Also commonly referred to as heavy lift, this includes shipments made of various components which need disassembly for shipment and reassembly after delivery.
	enumeration	15	Goods that are stowed on board ship in individually counted units, and not in intermodal containers nor in bulk as with oil or grain.
Used by	Complex Type		AnchorageArea_categoryOfCargoType

Attribute Berth_categoryOfCargoType / @code

Namespace	No namespace		
Type	Berth_categoryOfCargoCode		
Properties	use: required		
Facets	enumeration	1	Unpacked homogenous cargo poured loose in a certain space of a vessel, for example oil or grain.
	enumeration	2	One of a number of standard sized cargo carrying units, secured using standard corner attachments and bar.
	enumeration	3	Break bulk cargo normally loaded by crane.
	enumeration	4	Any cargo loaded by pipeline.
	enumeration	5	A fee paying traveller.
	enumeration	6	Live animals carried in bulk.
	enumeration	7	Dangerous or hazardous cargo as described by the IMO International Maritime Dangerous Goods code.
	enumeration	8	Indivisible heavy items of weight generally over 100 tons, and width or height greater than 100 metres.
	enumeration	9	Material carried by a ship to ensure its stability.
	enumeration	10	Commodity cargo that is transported unpackaged in large quantities. These types of goods usually need to be kept dry during the whole transportation period.
	enumeration	11	Liquids or gases that are transported in bulk and carried unpackaged.
	enumeration	12	Cargo transported in refrigerated containers, generally perishable commodities which require temperature-controlled transportation, such as fruit, meat, fish, vegetables, dairy products and other foods.
	enumeration	13	Wheeled cargo, such as cars, busses, trucks, agricultural vehicles and cranes, that are driven on and off the ship on their own wheels or using a platform vehicle, such as a self-propelled modular transporter.
	enumeration	14	Project cargo is a term used to broadly describe the national or international transportation of large, heavy, high value, or critical (to the project they are intended for) pieces of equipment. Also commonly referred to as heavy lift, this includes shipments made of various

		components which need disassembly for shipment and reassembly after delivery.
	enumeration 15	Goods that are stowed on board ship in individually counted units, and not in intermodal containers nor in bulk as with oil or grain.
Used by	Complex Type	Berth_categoryOfCargoType

Attribute Terminal_categoryOfCargoType / @code

Namespace	No namespace	
Type	Terminal_categoryOfCargoCode	
Properties	use: required	
Facets	enumeration 3	Break bulk cargo normally loaded by crane.
	enumeration 4	Any cargo loaded by pipeline.
	enumeration 6	Live animals carried in bulk.
	enumeration 7	Dangerous or hazardous cargo as described by the IMO International Maritime Dangerous Goods code.
	enumeration 8	Indivisible heavy items of weight generally over 100 tons, and width or height greater than 100 metres.
	enumeration 10	Commodity cargo that is transported unpackaged in large quantities. These types of goods usually need to be kept dry during the whole transportation period.
	enumeration 11	Liquids or gases that are transported in bulk and carried unpackaged.
	enumeration 12	Cargo transported in refrigerated containers, generally perishable commodities which require temperature-controlled transportation, such as fruit, meat, fish, vegetables, dairy products and other foods.
	enumeration 14	Project cargo is a term used to broadly describe the national or international transportation of large, heavy, high value, or critical (to the project they are intended for) pieces of equipment. Also commonly referred to as heavy lift, this includes shipments made of various components which need disassembly for shipment and reassembly after delivery.
	enumeration 15	Goods that are stowed on board ship in individually counted units, and not in intermodal containers nor in bulk as with oil or grain.
Used by	Complex Type	Terminal_categoryOfCargoType

Attribute categoryOfCommunicationPreferenceType / @code

Namespace	No namespace	
Type	categoryOfCommunicationPreferenceCode	
Properties	use: required	
Facets	enumeration 1	The first choice channel or frequency to be used when calling a radio station.
	enumeration 2	A channel or frequency to be used for calling a radio station when the preferred channel or frequency is busy or is suffering from interference.
	enumeration 3	The first choice channel or frequency to be used when working with a radio station.
	enumeration 4	A channel or frequency to be used for working with a radio station when the preferred working channel or frequency is busy or is suffering from interference.
Used by	Complex Type	categoryOfCommunicationPreferenceType

Attribute ContactDetails_categoryOfCommunicationPreferenceType / @code

Namespace	No namespace		
Type	ContactDetails_categoryOfCommunicationPreferenceCode		
Properties	use: required		
Facets	enumeration	1	The first choice channel or frequency to be used when calling a radio station.
	enumeration	2	A channel or frequency to be used for calling a radio station when the preferred channel or frequency is busy or is suffering from interference.
	enumeration	3	The first choice channel or frequency to be used when working with a radio station.
	enumeration	4	A channel or frequency to be used for working with a radio station when the preferred working channel or frequency is busy or is suffering from interference.
Used by	Complex Type	ContactDetails_categoryOfCommunicationPreferenceType	

Attribute telecommunications_categoryOfCommunicationPreferenceType / @code

Namespace	No namespace		
Type	telecommunications_categoryOfCommunicationPreferenceCode		
Properties	use: required		
Facets	enumeration	1	The first choice channel or frequency to be used when calling a radio station.
	enumeration	2	A channel or frequency to be used for calling a radio station when the preferred channel or frequency is busy or is suffering from interference.
	enumeration	3	The first choice channel or frequency to be used when working with a radio station.
	enumeration	4	A channel or frequency to be used for working with a radio station when the preferred working channel or frequency is busy or is suffering from interference.
Used by	Complex Type	telecommunications_categoryOfCommunicationPreferenceType	

Attribute categoryOfDangerousOrHazardousCargoType / @code

Namespace	No namespace		
Type	categoryOfDangerousOrHazardousCargoCode		
Properties	use: required		
Facets	enumeration	1	Explosives, Division 1: Substances and articles which have a mass explosion hazard.
	enumeration	2	Explosives, Division 2: Substances and articles which have a projection hazard but not a mass explosion hazard.
	enumeration	3	Explosives, Division 3: Substances and articles which have a fire hazard and either a minor blast hazard or a minor projection hazard or both, but not a mass explosion hazard.
	enumeration	4	Explosives, Division 4: Substances and articles which present no significant hazard.
	enumeration	5	Explosives, Division 5: Very insensitive substances which have a mass explosion hazard.
	enumeration	6	Explosives, Division 6: Extremely insensitive articles which do not have a mass explosion hazard.
	enumeration	7	Gases, flammable gases.
	enumeration	8	Gases, non-flammable, non-toxic gases.
	enumeration	9	Gases, toxic gases.

enumeration	10	Flammable liquids.
enumeration	11	Flammable solids, self-reactive substances and desensitized explosives.
enumeration	12	Substances liable to spontaneous combustion.
enumeration	13	Substances which, in contact with water, emit flammable gases.
enumeration	14	Oxidizing substances.
enumeration	15	Organic peroxides.
enumeration	16	Toxic substances.
enumeration	17	Infectious substances.
enumeration	18	Radioactive material.
enumeration	19	Corrosive substances.
enumeration	20	Miscellaneous dangerous substances and articles.
enumeration	21	Harmful substances are those substances which are identified as marine pollutants in the International Maritime Dangerous Goods Code (IMDG Code). Packaged form is defined as the forms of containment specified for harmful substances in the IMDG Code.
Used by	Complex Type	categoryOfDangerousOrHazardousCargoType

Attribute Applicability_categoryOfDangerousOrHazardousCargoType / @code

Namespace	No namespace	
Type	Applicability_categoryOfDangerousOrHazardousCargoCode	
Properties	use: required	
Facets	enumeration	1
		Explosives, Division 1: Substances and articles which have a mass explosion hazard.
	enumeration	2
		Explosives, Division 2: Substances and articles which have a projection hazard but not a mass explosion hazard.
	enumeration	3
		Explosives, Division 3: Substances and articles which have a fire hazard and either a minor blast hazard or a minor projection hazard or both, but not a mass explosion hazard.
	enumeration	4
		Explosives, Division 4: Substances and articles which present no significant hazard.
	enumeration	5
		Explosives, Division 5: Very insensitive substances which have a mass explosion hazard.
	enumeration	6
		Explosives, Division 6: Extremely insensitive articles which do not have a mass explosion hazard.
	enumeration	7
		Gases, flammable gases.
	enumeration	8
		Gases, non-flammable, non-toxic gases.
	enumeration	9
		Gases, toxic gases.
	enumeration	10
		Flammable liquids.
	enumeration	11
		Flammable solids, self-reactive substances and desensitized explosives.
	enumeration	12
		Substances liable to spontaneous combustion.
	enumeration	13
		Substances which, in contact with water, emit flammable gases.
	enumeration	14
		Oxidizing substances.
	enumeration	15
		Organic peroxides.
	enumeration	16
		Toxic substances.
	enumeration	17
		Infectious substances.
	enumeration	18
		Radioactive material.
	enumeration	19
		Corrosive substances.
	enumeration	20
		Miscellaneous dangerous substances and articles.

	enumeration	21	Harmful substances are those substances which are identified as marine pollutants in the International Maritime Dangerous Goods Code (IMDG Code). Packaged form is defined as the forms of containment specified for harmful substances in the IMDG Code.
Used by	Complex Type	Applicability_categoryOfDangerousOrHazardousCargoType	

Attribute categoryOfDepthsDescriptionType / @code

Namespace	No namespace		
Type	categoryOfDepthsDescriptionCode		
Properties	use: required		
Facets	enumeration	1	A shallow elevation composed of unconsolidated material that may constitute a hazard to surface navigation.
	enumeration	2	General information about the vertical distance from the water surface to the bottom.
	enumeration	3	The least depth in the approach or channel to an area, such as a port or anchorage, governing the maximum draft of vessels that can enter.
Used by	Complex Type	categoryOfDepthsDescriptionType	

Attribute depthsDescription_categoryOfDepthsDescriptionType / @code

Namespace	No namespace		
Type	depthsDescription_categoryOfDepthsDescriptionCode		
Properties	use: required		
Facets	enumeration	1	A shallow elevation composed of unconsolidated material that may constitute a hazard to surface navigation.
	enumeration	2	General information about the vertical distance from the water surface to the bottom.
	enumeration	3	The least depth in the approach or channel to an area, such as a port or anchorage, governing the maximum draft of vessels that can enter.
Used by	Complex Type	depthsDescription_categoryOfDepthsDescriptionType	

Attribute categoryOfDolphinType / @code

Namespace	No namespace		
Type	categoryOfDolphinCode		
Properties	use: required		
Facets	enumeration	1	A post or group of posts driven into the seabed or riverbed, used as a mooring point for vessels.
	enumeration	2	A post or group of posts, which a vessel may swing around for compass adjustment.
	enumeration	3	A post or group of posts driven into the seabed or riverbed, used to extend the berth of a vessel by providing extra mooring points.
	enumeration	4	A post or group of posts driven into the seabed or riverbed, used to assist in berthing of vessels by taking up some berthing loads; keep vessels from pressing against the pier structure; or to protect structures from possible impact by ships.
Used by	Complex Type	categoryOfDolphinType	

Attribute Dolphin_categoryOfDolphinType / @code

Namespace	No namespace
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Type	Dolphin_categoryOfDolphinCode		
Properties	use: required		
Facets	enumeration	1	A post or group of posts driven into the seabed or riverbed, used as a mooring point for vessels.
	enumeration	2	A post or group of posts, which a vessel may swing around for compass adjustment.
	enumeration	3	A post or group of posts driven into the seabed or riverbed, used to extend the berth of a vessel by providing extra mooring points.
	enumeration	4	A post or group of posts driven into the seabed or riverbed, used to assist in berthing of vessels by taking up some berthing loads; keep vessels from pressing against the pier structure; or to protect structures from possible impact by ships.
	enumeration	0	
Used by	Complex Type	Dolphin_categoryOfDolphinType	

Attribute categoryOffrequencyType / @code

Namespace	No namespace		
Type	categoryOffrequencyCode		
Properties	use: required		
Facets	enumeration	1	50 Hertz
	enumeration	2	60 Hertz
Used by	Complex Type	categoryOffrequencyType	

Attribute Berth_categoryOffrequencyType / @code

Namespace	No namespace		
Type	Berth_categoryOffrequencyCode		
Properties	use: required		
Facets	enumeration	1	50 Hertz
	enumeration	2	60 Hertz
Used by	Complex Type	Berth_categoryOffrequencyType	

Attribute OnshorePowerFacility_categoryOffrequencyType / @code

Namespace	No namespace		
Type	OnshorePowerFacility_categoryOffrequencyCode		
Properties	use: required		
Facets	enumeration	1	50 Hertz
	enumeration	2	60 Hertz
Used by	Complex Type	OnshorePowerFacility_categoryOffrequencyType	

Attribute categoryOfHarbourFacilityType / @code

Namespace	No namespace		
Type	categoryOfHarbourFacilityCode		
Properties	use: required		
Facets	enumeration	1	A terminal for roll-on roll-off ferries.
	enumeration	3	A terminal for passenger and vehicle ferries.
	enumeration	4	A harbour with facilities for fishing boats.

	enumeration	5	A harbour facility for small boats, yachts, etc., where supplies, repairs, and various services are available.
	enumeration	6	A centre of operations for naval vessels.
	enumeration	7	A terminal for the bulk handling of liquid cargoes.
	enumeration	8	A terminal for the loading and unloading of passengers.
	enumeration	9	A place where ships are built or repaired.
	enumeration	10	A terminal with facilities to load/unload or store shipping containers.
	enumeration	11	A terminal for the handling of bulk materials such as iron ore, coal, etc.
	enumeration	12	A platform powered by synchronous electric motors (for example syncrolift) used to lift vessels (larger than boats) in and out of the water.
	enumeration	13	A wheeled vehicle designed to lift and carry containers or vessels within its own framework. It is used for moving, and sometimes stacking, shipping containers and vessels.
	enumeration	14	A harbour within which the floating equipment (dredges, tugs ...) of harbour services are stationed.
	enumeration	15	The services of a person who directs the movements of a vessel through pilot waters, usually a person who has demonstrated extensive knowledge of channels, aids to navigation, dangers to navigation, etc., in a particular area and is licensed for that area, are available.
	enumeration	16	A place where mechanical services or repairs can be undertaken to engines or other vessel equipment.
	enumeration	17	A medical control center located in an isolated spot ashore where patients with contagious diseases from vessel in quarantine are taken.
Used by	Complex Type	categoryOfHarbourFacilityType	

Attribute HarbourAreaAdministrative_categoryOfHarbourFacilityType / @code

Namespace	No namespace		
Type	HarbourAreaAdministrative_categoryOfHarbourFacilityCode		
Properties	use: required		
Facets	enumeration	1	A terminal for roll-on roll-off ferries.
	enumeration	3	A terminal for passenger and vehicle ferries.
	enumeration	4	A harbour with facilities for fishing boats.
	enumeration	5	A harbour facility for small boats, yachts, etc., where supplies, repairs, and various services are available.
	enumeration	6	A centre of operations for naval vessels.
	enumeration	7	A terminal for the bulk handling of liquid cargoes.
	enumeration	8	A terminal for the loading and unloading of passengers.
	enumeration	9	A place where ships are built or repaired.
	enumeration	10	A terminal with facilities to load/unload or store shipping containers.
	enumeration	11	A terminal for the handling of bulk materials such as iron ore, coal, etc.
	enumeration	12	A platform powered by synchronous electric motors (for example syncrolift) used to lift vessels (larger than boats) in and out of the water.
	enumeration	13	A wheeled vehicle designed to lift and carry containers or vessels within its own framework.

		It is used for moving, and sometimes stacking, shipping containers and vessels.
enumeration	14	A harbour within which the floating equipment (dredges, tugs ...) of harbour services are stationed.
enumeration	15	The services of a person who directs the movements of a vessel through pilot waters, usually a person who has demonstrated extensive knowledge of channels, aids to navigation, dangers to navigation, etc., in a particular area and is licensed for that area, are available.
Used by	Complex Type	HarbourAreaAdministrative_categoryOfHarbourFacilityType

Attribute HarbourAreaSection_categoryOfHarbourFacilityType / @code

Namespace	No namespace		
Type	HarbourAreaSection_categoryOfHarbourFacilityCode		
Properties	use: required		
Facets	enumeration	4	A harbour with facilities for fishing boats.
	enumeration	5	A harbour facility for small boats, yachts, etc., where supplies, repairs, and various services are available.
	enumeration	6	A centre of operations for naval vessels.
	enumeration	9	A place where ships are built or repaired.
	enumeration	14	A harbour within which the floating equipment (dredges, tugs ...) of harbour services are stationed.
	enumeration	15	The services of a person who directs the movements of a vessel through pilot waters, usually a person who has demonstrated extensive knowledge of channels, aids to navigation, dangers to navigation, etc., in a particular area and is licensed for that area, are available.
	enumeration	16	A place where mechanical services or repairs can be undertaken to engines or other vessel equipment.
	enumeration	17	A medical control center located in an isolated spot ashore where patients with contagious diseases from vessel in quarantine are taken.
Used by	Complex Type	HarbourAreaSection_categoryOfHarbourFacilityType	

Attribute categoryOfMooringWarpingFacilityType / @code

Namespace	No namespace		
Type	categoryOfMooringWarpingFacilityCode		
Properties	use: required		
Facets	enumeration	4	A section of wall designated for tying-up vessels awaiting transit. Bollards and mooring devices are available for both large and small ships.
	enumeration	5	A long heavy timber or section of steel, wood, concrete, etc., forced into the seabed to serve as a mooring facility.
	enumeration	6	A chain or very strong fibre or wire rope used to anchor or moor vessels or buoys.
Used by	Complex Type	categoryOfMooringWarpingFacilityType	

Attribute MooringWarpingFacility_categoryOfMooringWarpingFacilityType / @code

Namespace	No namespace	
Type	MooringWarpingFacility_categoryOfMooringWarpingFacilityCode	
Properties	use: required	

Facets	enumeration	4	A section of wall designated for tying-up vessels awaiting transit. Bollards and mooring devices are available for both large and small ships.
	enumeration	5	A long heavy timber or section of steel, wood, concrete, etc., forced into the seabed to serve as a mooring facility.
	enumeration	6	A chain or very strong fibre or wire rope used to anchor or moor vessels or buoys.
Used by	Complex Type	MooringWarpingFacility_categoryOfMooringWarpingFacilityType	

Attribute categoryOfPortSectionType / @code

Namespace	No namespace		
Type	categoryOfPortSectionCode		
Properties	use: required		
Facets	enumeration	1	The main navigable channel in a harbour or its approaches, for vessels of larger size.
	enumeration	3	A body of water at a berth or anchor berth, of adequate dimensions to allow a vessel to make fast to the shore, mooring buoys, berthing dolphins or to anchor.
	enumeration	8	An area in which sea-planes anchor or may anchor.
	enumeration	9	An area of water or channel enlargement of increased depth compared to adjacent areas, where the depth is maintained by dredging operations.
	enumeration	11	The area around a port facility or harbour installation within which vessels are prohibited from entering without permission.
	enumeration	12	A general berth for use by vessels for short term waiting until a loading or discharging berth is available.
	Used by	Complex Type	categoryOfPortSectionType

Attribute HarbourAreaSection_categoryOfPortSectionType / @code

Namespace	No namespace		
Type	HarbourAreaSection_categoryOfPortSectionCode		
Properties	use: required		
Facets	enumeration	1	The main navigable channel in a harbour or its approaches, for vessels of larger size.
	enumeration	3	A body of water at a berth or anchor berth, of adequate dimensions to allow a vessel to make fast to the shore, mooring buoys, berthing dolphins or to anchor.
	enumeration	8	An area in which sea-planes anchor or may anchor.
	enumeration	9	An area of water or channel enlargement of increased depth compared to adjacent areas, where the depth is maintained by dredging operations.
	enumeration	11	The area around a port facility or harbour installation within which vessels are prohibited from entering without permission.
	enumeration	12	A general berth for use by vessels for short term waiting until a loading or discharging berth is available.
	Used by	Complex Type	HarbourAreaSection_categoryOfPortSectionType

Attribute WaterwayArea_categoryOfPortSectionType / @code

Namespace	No namespace		
Type	WaterwayArea_categoryOfPortSectionCode		

Properties	use:	required	
Facets	enumeration	1	The main navigable channel in a harbour or its approaches, for vessels of larger size.
	enumeration	3	A body of water at a berth or anchor berth, of adequate dimensions to allow a vessel to make fast to the shore, mooring buoys, berthing dolphins or to anchor.
	enumeration	8	An area in which sea-planes anchor or may anchor.
	enumeration	9	An area of water or channel enlargement of increased depth compared to adjacent areas, where the depth is maintained by dredging operations.
	enumeration	11	The area around a port facility or harbour installation within which vessels are prohibited from entering without permission.
	enumeration	12	A general berth for use by vessels for short term waiting until a loading or discharging berth is available.
Used by	Complex Type	WaterwayArea_categoryOfPortSectionType	

Attribute categoryOfRelationshipType / @code

Namespace	No namespace		
Type	categoryOfRelationshipCode		
Properties	use:	required	
Facets	enumeration	1	Use of facility, waterway or service is forbidden.
	enumeration	2	Use of facility, waterway or service is not recommended.
	enumeration	3	Use of facility, waterway, or service is permitted but not required.
	enumeration	4	Use of facility, waterway, or service is recommended.
	enumeration	5	Use of facility, waterway, or service is required.
	enumeration	6	Use of facility, waterway, or service is not required.
	enumeration	7	Only vessels of the specified characteristics may use the facility, waterway, or service.
Used by	Complex Type	categoryOfRelationshipType	

Attribute PermissionType_categoryOfRelationshipType / @code

Namespace	No namespace		
Type	PermissionType_categoryOfRelationshipCode		
Properties	use:	required	
Facets	enumeration	1	Use of facility, waterway or service is forbidden.
	enumeration	2	Use of facility, waterway or service is not recommended.
	enumeration	3	Use of facility, waterway, or service is permitted but not required.
	enumeration	4	Use of facility, waterway, or service is recommended.
	enumeration	5	Use of facility, waterway, or service is required.
	enumeration	6	Use of facility, waterway, or service is not required.
	enumeration	7	Only vessels of the specified characteristics may use the facility, waterway, or service.
	enumeration	0	

Used by	Complex Type	PermissionType_categoryOfRelationshipType
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Attribute categoryOfScheduleType / @code

Namespace	No namespace		
Type	categoryOfScheduleCode		
Properties	use: required		
Facets	enumeration	1	The service, office, is open, fully manned, and operating normally, or the area is accessible as usual.
	enumeration	2	The service, office, or area is closed.
	enumeration	3	The service is available but not manned.
Used by	Complex Type	categoryOfScheduleType	

Attribute scheduleByDayOfWeek_categoryOfScheduleType / @code

Namespace	No namespace		
Type	scheduleByDayOfWeek_categoryOfScheduleCode		
Properties	use: required		
Facets	enumeration	1	The service, office, is open, fully manned, and operating normally, or the area is accessible as usual.
	enumeration	2	The service, office, or area is closed.
	enumeration	3	The service is available but not manned.
Used by	Complex Type	scheduleByDayOfWeek_categoryOfScheduleType	

Attribute categoryOfShorePowerFacilityType / @code

Namespace	No namespace		
Type	categoryOfShorePowerFacilityCode		
Properties	use: required		
Facets	enumeration	1	Delivers power to vessels using higher voltage (for example, 10 kV or above), suitable for large ports and large vessels. such as tankers, cargo ships, etc.
	enumeration	2	Delivers power to vessels using lower voltage, designed for small to medium-sized coastal or riverine terminals and smaller vessels.
	enumeration	3	Delivers power to vessels using high-voltage (for example, 10kV and above) and low-voltage outputs or simultaneous provision of dual-voltage power.
Used by	Complex Type	categoryOfShorePowerFacilityType	

Attribute OnshorePowerFacility_categoryOfShorePowerFacilityType / @code

Namespace	No namespace		
Type	OnshorePowerFacility_categoryOfShorePowerFacilityCode		
Properties	use: required		
Facets	enumeration	1	Delivers power to vessels using higher voltage (for example, 10 kV or above), suitable for large ports and large vessels. such as tankers, cargo ships, etc.
	enumeration	2	Delivers power to vessels using lower voltage, designed for small to medium-sized coastal or riverine terminals and smaller vessels.
	enumeration	3	Delivers power to vessels using high-voltage (for example, 10kV and above) and low-voltage outputs or simultaneous provision of dual-voltage power.

Used by	Complex Type	OnshorePowerFacility_categoryOfShorePowerFacilityType
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Attribute categoryOfTemporalVariationType / @code

Namespace	No namespace		
Type	categoryOfTemporalVariationCode		
Properties	use: required		
Facets	enumeration	1	Indication of the possible impact of a significant event (for example hurricane, earthquake, volcanic eruption, landslide, etc), which is considered likely to have changed the seafloor or landscape significantly.
	enumeration	2	Continuous or frequent change (for example river siltation, sand waves, seasonal storms, ice bergs, etc) that is likely to result in new significant shoaling.
	enumeration	3	Continuous or frequent change (for example sand wave shift, seasonal storms, ice bergs, etc) that is not likely to result in new significant shoaling.
	enumeration	4	Continuous or frequent change to non-bathymetric features (for example river siltation, glacier creep/recession, sand dunes, buoys, marine farms, etc).
	enumeration	5	Significant change to the seafloor is not expected.
	enumeration	6	Not having been assessed.
Used by	Complex Type	categoryOfTemporalVariationType	

Attribute QualityOfNonBathymetricData_categoryOfTemporalVariationType / @code

Namespace	No namespace		
Type	QualityOfNonBathymetricData_categoryOfTemporalVariationCode		
Properties	use: required		
Facets	enumeration	1	Indication of the possible impact of a significant event (for example hurricane, earthquake, volcanic eruption, landslide, etc), which is considered likely to have changed the seafloor or landscape significantly.
	enumeration	2	Continuous or frequent change (for example river siltation, sand waves, seasonal storms, ice bergs, etc) that is likely to result in new significant shoaling.
	enumeration	3	Continuous or frequent change (for example sand wave shift, seasonal storms, ice bergs, etc) that is not likely to result in new significant shoaling.
	enumeration	4	Continuous or frequent change to non-bathymetric features (for example river siltation, glacier creep/recession, sand dunes, buoys, marine farms, etc).
	enumeration	5	Significant change to the seafloor is not expected.
	enumeration	6	Not having been assessed.
Used by	Complex Type	QualityOfNonBathymetricData_categoryOfTemporalVariationType	

Attribute categoryOfTerminalType / @code

Namespace	No namespace		
Type	categoryOfTerminalCode		
Properties	use: required		
Facets	enumeration	1	A terminal for roll-on roll-off ferries.

	enumeration	3	A terminal for passenger and vehicle ferries.
	enumeration	7	A terminal for the bulk handling of liquid cargoes.
	enumeration	8	A terminal for the loading and unloading of passengers.
	enumeration	10	A terminal with facilities to load/unload or store shipping containers.
	enumeration	11	A terminal for the handling of bulk materials such as iron ore, coal, etc.
Used by	Complex Type	categoryOfTerminalType	

Attribute Terminal_categoryOfTerminalType / @code

Namespace	No namespace		
Type	Terminal_categoryOfTerminalCode		
Properties	use: required		
Facets	enumeration	1	A terminal for roll-on roll-off ferries.
	enumeration	3	A terminal for passenger and vehicle ferries.
	enumeration	7	A terminal for the bulk handling of liquid cargoes.
	enumeration	8	A terminal for the loading and unloading of passengers.
	enumeration	10	A terminal with facilities to load/unload or store shipping containers.
	enumeration	11	A terminal for the handling of bulk materials such as iron ore, coal, etc.
Used by	Complex Type	Terminal_categoryOfTerminalType	

Attribute categoryOfTextType / @code

Namespace	No namespace		
Type	categoryOfTextCode		
Properties	use: required		
Facets	enumeration	1	A statement summarizing the important points of a text.
	enumeration	2	An excerpt or excerpts from a text.
	enumeration	3	The whole text.
Used by	Complex Type	categoryOfTextType	

Attribute textContent_categoryOfTextType / @code

Namespace	No namespace		
Type	textContent_categoryOfTextCode		
Properties	use: required		
Facets	enumeration	1	A statement summarizing the important points of a text.
	enumeration	2	An excerpt or excerpts from a text.
	enumeration	3	The whole text.
Used by	Complex Type	textContent_categoryOfTextType	

Attribute categoryOfVesselRegistryType / @code

Namespace	No namespace		
Type	categoryOfVesselRegistryCode		
Properties	use: required		

Facets	enumeration	1	The vessel is registered or enrolled under the same national flag as the port, harbour, territorial sea, exclusive economic zone, or administrative area in which the object that possesses this attribute applies or is located.
	enumeration	2	The vessel is registered or enrolled under a national flag different from the port, harbour, territorial sea, exclusive economic zone, or other administrative area in which the object that possesses this attribute applies or is located.
Used by	Complex Type	categoryOfVesselRegistryType	

Attribute Applicability_categoryOfVesselRegistryType / @code

Namespace	No namespace		
Type	Applicability_categoryOfVesselRegistryCode		
Properties	use: required		
Facets	enumeration	1	The vessel is registered or enrolled under the same national flag as the port, harbour, territorial sea, exclusive economic zone, or administrative area in which the object that possesses this attribute applies or is located.
	enumeration	2	The vessel is registered or enrolled under a national flag different from the port, harbour, territorial sea, exclusive economic zone, or other administrative area in which the object that possesses this attribute applies or is located.
Used by	Complex Type	Applicability_categoryOfVesselRegistryType	

Attribute categoryOfVoltageType / @code

Namespace	No namespace		
Type	categoryOfVoltageCode		
Properties	use: required		
Facets	enumeration	1	230 Volts
	enumeration	2	400 Volts.
	enumeration	3	120 Volts
	enumeration	4	120/240 Volts
	enumeration	5	208 Volts
	enumeration	6	440 Volts
	enumeration	7	440/690 Volts
	enumeration	8	480 Volts
	enumeration	9	690 Volts
	enumeration	10	6.6 kiloVolts
	enumeration	11	6.6/11 kiloVolts
	enumeration	12	11 kiloVolts
	enumeration	13	22 kiloVolts
	enumeration	14	380 Volts
	enumeration	15	11/22 kiloVolts
Used by	Complex Type	categoryOfVoltageType	

Attribute Berth_categoryOfVoltageType / @code

Namespace	No namespace		
Type	Berth_categoryOfVoltageCode		
Properties	use: required		

Facets	enumeration	1	230 Volts
	enumeration	2	400 Volts.
	enumeration	3	120 Volts
	enumeration	4	120/240 Volts
	enumeration	5	208 Volts
	enumeration	6	440 Volts
	enumeration	7	440/690 Volts
	enumeration	8	480 Volts
	enumeration	9	690 Volts
	enumeration	10	6.6 kiloVolts
	enumeration	11	6.6/11 kiloVolts
	enumeration	12	11 kiloVolts
	enumeration	13	22 kiloVolts
	enumeration	14	380 Volts
	enumeration	15	11/22 kiloVolts
Used by	Complex Type	Berth_categoryOfVoltageType	

Attribute OnshorePowerFacility_categoryOfVoltageType / @code

Namespace	No namespace		
Type	OnshorePowerFacility_categoryOfVoltageCode		
Properties	use: required		
Facets	enumeration	1	230 Volts
	enumeration	2	400 Volts.
	enumeration	3	120 Volts
	enumeration	4	120/240 Volts
	enumeration	5	208 Volts
	enumeration	6	440 Volts
	enumeration	7	440/690 Volts
	enumeration	8	480 Volts
	enumeration	9	690 Volts
	enumeration	10	6.6 kiloVolts
	enumeration	11	6.6/11 kiloVolts
	enumeration	12	11 kiloVolts
	enumeration	13	22 kiloVolts
	enumeration	14	380 Volts
	enumeration	15	11/22 kiloVolts
Used by	Complex Type	OnshorePowerFacility_categoryOfVoltageType	

Attribute comparisonOperatorType / @code

Namespace	No namespace		
Type	comparisonOperatorCode		
Properties	use: required		
Facets	enumeration	1	The value of the left value is greater than that of the right.
	enumeration	2	The value of the left expression is greater than or equal to that of the right.
	enumeration	3	The value of the left expression is less than that of the right.
	enumeration	4	The value of the left expression is less than or equal to that of the right.

	enumeration	5	The two values are equivalent.
	enumeration	6	The two values are not equivalent.
Used by	Complex Type	comparisonOperatorType	

Attribute vesselMeasurementsSpecification_comparisonOperatorType / @code

Namespace	No namespace		
Type	vesselMeasurementsSpecification_comparisonOperatorCode		
Properties	use: required		
Facets	enumeration	1	The value of the left value is greater than that of the right.
	enumeration	2	The value of the left expression is greater than or equal to that of the right.
	enumeration	3	The value of the left expression is less than that of the right.
	enumeration	4	The value of the left expression is less than or equal to that of the right.
	enumeration	5	The two values are equivalent.
	enumeration	6	The two values are not equivalent.
Used by	Complex Type	vesselMeasurementsSpecification_comparisonOperatorType	

Attribute conditionType / @code

Namespace	No namespace		
Type	conditionCode		
Properties	use: required		
Facets	enumeration	1	Being built but not yet capable of function.
	enumeration	2	A structure in a decayed or deteriorated condition resulting from neglect or disuse, or a damaged structure in need of repair.
	enumeration	3	An area of the sea, a lake or the navigable part of a river that is being reclaimed as land, usually by the dumping of earth and other material.
	enumeration	5	Detailed planning has been completed but construction has not been initiated.
	Used by	Complex Type	conditionType

Attribute constructionInformation_conditionType / @code

Namespace	No namespace		
Type	constructionInformation_conditionCode		
Properties	use: required		
Facets	enumeration	1	Being built but not yet capable of function.
	enumeration	2	A structure in a decayed or deteriorated condition resulting from neglect or disuse, or a damaged structure in need of repair.
	enumeration	3	An area of the sea, a lake or the navigable part of a river that is being reclaimed as land, usually by the dumping of earth and other material.
	enumeration	5	Detailed planning has been completed but construction has not been initiated.
	Used by	Complex Type	constructionInformation_conditionType

Attribute dayOfWeekType / @code

Namespace	No namespace
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Type	dayOfWeekCode		
Properties	use: required		
Facets	enumeration	1	The day of the week following Saturday and preceding Monday.
	enumeration	2	The day of the week following Sunday and preceding Tuesday.
	enumeration	3	The day of the week following Monday and preceding Wednesday.
	enumeration	4	The day of the week following Tuesday and preceding Thursday.
	enumeration	5	The day of the week following Wednesday and preceding Friday.
	enumeration	6	The day of the week following Thursday and preceding Saturday.
	enumeration	7	The day of the week following Friday and preceding Sunday.
Used by	Complex Type	dayOfWeekType	

Attribute `timeIntervalsByDayOfWeek_dayOfWeekType / @code`

Namespace	No namespace		
Type	timeIntervalsByDayOfWeek_dayOfWeekCode		
Properties	use: required		
Facets	enumeration	1	The day of the week following Saturday and preceding Monday.
	enumeration	2	The day of the week following Sunday and preceding Tuesday.
	enumeration	3	The day of the week following Monday and preceding Wednesday.
	enumeration	4	The day of the week following Tuesday and preceding Thursday.
	enumeration	5	The day of the week following Wednesday and preceding Friday.
	enumeration	6	The day of the week following Thursday and preceding Saturday.
	enumeration	7	The day of the week following Friday and preceding Sunday.
Used by	Complex Type	timeIntervalsByDayOfWeek_dayOfWeekType	

Attribute `dynamicResourceType / @code`

Namespace	No namespace		
Type	dynamicResourceCode		
Properties	use: required		
Facets	enumeration	1	The information is static, or a source of up-to-date information is unavailable or unknown.
	enumeration	2	An external source of up-to-date information is available and interaction with it to obtain up-to-date information is required.
	enumeration	3	An external source of up-to-date information is available but interaction with it to obtain up-to-date information is not required.
	enumeration	4	Up-to-date information may be computed using only onboard resources.
Used by	Complex Type	dynamicResourceType	

Attribute `weatherResource_dynamicResourceType / @code`

Namespace	No namespace
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Type	weatherResource_dynamicResourceCode		
Properties	use: required		
Facets	enumeration	1	The information is static, or a source of up-to-date information is unavailable or unknown.
	enumeration	2	An external source of up-to-date information is available and interaction with it to obtain up-to-date information is required.
	enumeration	3	An external source of up-to-date information is available but interaction with it to obtain up-to-date information is not required.
	enumeration	4	Up-to-date information may be computed using only onboard resources.
Used by	Complex Type	weatherResource_dynamicResourceType	

Attribute **firefightingServiceType / @code**

Namespace	No namespace		
Type	firefightingServiceCode		
Properties	use: required		
Facets	enumeration	1	Personnel and equipment that are capable of combating a fire from ashore.
	enumeration	2	Trained firefighting personnel with the capability of boarding and combating a fire on a vessel.
	enumeration	3	Specialised watercraft with firefighting apparatus designed for fighting shoreline and shipboard fires
	Used by	Complex Type	firefightingServiceType

Attribute **AvailablePortServices_firefightingServiceType / @code**

Namespace	No namespace		
Type	AvailablePortServices_firefightingServiceCode		
Properties	use: required		
Facets	enumeration	1	Personnel and equipment that are capable of combating a fire from ashore.
	enumeration	2	Trained firefighting personnel with the capability of boarding and combating a fire on a vessel.
	enumeration	3	Specialised watercraft with firefighting apparatus designed for fighting shoreline and shipboard fires
	Used by	Complex Type	AvailablePortServices_firefightingServiceType

Attribute **iSPSLevelType / @code**

Namespace	No namespace		
Type	iSPSLevelCode		
Properties	use: required		
Facets	enumeration	1	The level for which minimum appropriate protective security measures shall be maintained at all times.
	enumeration	2	The level for which appropriate additional protective security measures shall be maintained for a period of time as a result of heightened risk of a security incident.
	enumeration	3	The level for which further specific protective security measures shall be maintained for a limited period of time when a security incident is probable or imminent, although it may not be possible to identify the specific target.

Used by	Complex Type	iSPSLevelType
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Attribute AnchorageArea_iSPSLevelType / @code

Namespace	No namespace		
Type	AnchorageArea_iSPSLevelCode		
Properties	use: required		
Facets	enumeration	1	The level for which minimum appropriate protective security measures shall be maintained at all times.
	enumeration	2	The level for which appropriate additional protective security measures shall be maintained for a period of time as a result of heightened risk of a security incident.
	enumeration	3	The level for which further specific protective security measures shall be maintained for a limited period of time when a security incident is probable or imminent, although it may not be possible to identify the specific target.
Used by	Complex Type	AnchorageArea_iSPSLevelType	

Attribute DockArea_iSPSLevelType / @code

Namespace	No namespace		
Type	DockArea_iSPSLevelCode		
Properties	use: required		
Facets	enumeration	1	The level for which minimum appropriate protective security measures shall be maintained at all times.
	enumeration	2	The level for which appropriate additional protective security measures shall be maintained for a period of time as a result of heightened risk of a security incident.
	enumeration	3	The level for which further specific protective security measures shall be maintained for a limited period of time when a security incident is probable or imminent, although it may not be possible to identify the specific target.
Used by	Complex Type	DockArea_iSPSLevelType	

Attribute DumpingGround_iSPSLevelType / @code

Namespace	No namespace		
Type	DumpingGround_iSPSLevelCode		
Properties	use: required		
Facets	enumeration	1	The level for which minimum appropriate protective security measures shall be maintained at all times.
	enumeration	2	The level for which appropriate additional protective security measures shall be maintained for a period of time as a result of heightened risk of a security incident.
	enumeration	3	The level for which further specific protective security measures shall be maintained for a limited period of time when a security incident is probable or imminent, although it may not be possible to identify the specific target.
Used by	Complex Type	DumpingGround_iSPSLevelType	

Attribute HarbourAreaAdministrative_iSPSLevelType / @code

Namespace	No namespace
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Type	HarbourAreaAdministrative_iSPSLevelCode		
Properties	use: required		
Facets	enumeration	1	The level for which minimum appropriate protective security measures shall be maintained at all times.
	enumeration	2	The level for which appropriate additional protective security measures shall be maintained for a period of time as a result of heightened risk of a security incident.
	enumeration	3	The level for which further specific protective security measures shall be maintained for a limited period of time when a security incident is probable or imminent, although it may not be possible to identify the specific target.
Used by	Complex Type	HarbourAreaAdministrative_iSPSLevelType	

Attribute HarbourAreaSection_iSPSLevelType / @code

Namespace	No namespace		
Type	HarbourAreaSection_iSPSLevelCode		
Properties	use: required		
Facets	enumeration	1	The level for which minimum appropriate protective security measures shall be maintained at all times.
	enumeration	2	The level for which appropriate additional protective security measures shall be maintained for a period of time as a result of heightened risk of a security incident.
	enumeration	3	The level for which further specific protective security measures shall be maintained for a limited period of time when a security incident is probable or imminent, although it may not be possible to identify the specific target.
Used by	Complex Type	HarbourAreaSection_iSPSLevelType	

Attribute HarbourBasin_iSPSLevelType / @code

Namespace	No namespace		
Type	HarbourBasin_iSPSLevelCode		
Properties	use: required		
Facets	enumeration	1	The level for which minimum appropriate protective security measures shall be maintained at all times.
	enumeration	2	The level for which appropriate additional protective security measures shall be maintained for a period of time as a result of heightened risk of a security incident.
	enumeration	3	The level for which further specific protective security measures shall be maintained for a limited period of time when a security incident is probable or imminent, although it may not be possible to identify the specific target.
Used by	Complex Type	HarbourBasin_iSPSLevelType	

Attribute PilotBoardingPlace_iSPSLevelType / @code

Namespace	No namespace		
Type	PilotBoardingPlace_iSPSLevelCode		
Properties	use: required		
Facets	enumeration	1	The level for which minimum appropriate protective security measures shall be maintained at all times.

	enumeration	2	The level for which appropriate additional protective security measures shall be maintained for a period of time as a result of heightened risk of a security incident.
	enumeration	3	The level for which further specific protective security measures shall be maintained for a limited period of time when a security incident is probable or imminent, although it may not be possible to identify the specific target.
Used by	Complex Type	PilotBoardingPlace_iSPSLevelType	

Attribute SeaplaneLandingArea_iSPSLevelType / @code

Namespace	No namespace		
Type	SeaplaneLandingArea_iSPSLevelCode		
Properties	use: required		
Facets	enumeration	1	The level for which minimum appropriate protective security measures shall be maintained at all times.
	enumeration	2	The level for which appropriate additional protective security measures shall be maintained for a period of time as a result of heightened risk of a security incident.
	enumeration	3	The level for which further specific protective security measures shall be maintained for a limited period of time when a security incident is probable or imminent, although it may not be possible to identify the specific target.
Used by	Complex Type	SeaplaneLandingArea_iSPSLevelType	

Attribute TurningBasin_iSPSLevelType / @code

Namespace	No namespace		
Type	TurningBasin_iSPSLevelCode		
Properties	use: required		
Facets	enumeration	1	The level for which minimum appropriate protective security measures shall be maintained at all times.
	enumeration	2	The level for which appropriate additional protective security measures shall be maintained for a period of time as a result of heightened risk of a security incident.
	enumeration	3	The level for which further specific protective security measures shall be maintained for a limited period of time when a security incident is probable or imminent, although it may not be possible to identify the specific target.
Used by	Complex Type	TurningBasin_iSPSLevelType	

Attribute logicalConnectivesType / @code

Namespace	No namespace		
Type	logicalConnectivesCode		
Properties	use: required		
Facets	enumeration	1	All the conditions described by the other attributes of the object, or sub-attributes of the same complex attribute, are true.
	enumeration	2	At least one of the conditions described by the other attributes of the object, or sub-attributes of the same complex attributes, is true.
Used by	Complex Type	logicalConnectivesType	

Attribute `Applicability_logicalConnectivesType / @code`

Namespace	No namespace		
Type	Applicability_logicalConnectivesCode		
Properties	use: required		
Facets	enumeration	1	All the conditions described by the other attributes of the object, or sub-attributes of the same complex attribute, are true.
	enumeration	2	At least one of the conditions described by the other attributes of the object, or sub-attributes of the same complex attributes, is true.
Used by	Complex Type	Applicability_logicalConnectivesType	

Attribute `medicalServiceType / @code`

Namespace	No namespace		
Type	medicalServiceCode		
Properties	use: required		
Facets	enumeration	1	A vehicle for conveying the sick or injured to or from a hospital.
	enumeration	2	Disinfection or purification with fumes.
	enumeration	3	A place where a doctor is available to provide medical attention.
	enumeration	4	The isolation of patients with contagious diseases.
	enumeration	5	A place where substances intended to procure immunity against one or several diseases are administered.
Used by	Complex Type	medicalServiceType	

Attribute `AvailablePortServices_medicalServiceType / @code`

Namespace	No namespace		
Type	AvailablePortServices_medicalServiceCode		
Properties	use: required		
Facets	enumeration	1	A vehicle for conveying the sick or injured to or from a hospital.
	enumeration	2	Disinfection or purification with fumes.
	enumeration	3	A place where a doctor is available to provide medical attention.
	enumeration	4	The isolation of patients with contagious diseases.
	enumeration	5	A place where substances intended to procure immunity against one or several diseases are administered.
Used by	Complex Type	AvailablePortServices_medicalServiceType	

Attribute `membershipType / @code`

Namespace	No namespace		
Type	membershipCode		
Properties	use: required		
Facets	enumeration	1	Vessels with these characteristics are included in the regulation/restriction/recommendation/nautical information.
	enumeration	2	Vessels with these characteristics are excluded from the regulation/restriction/recommendation/nautical information.

Used by	Complex Type	membershipType
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Attribute InclusionType_membershipType / @code

Namespace	No namespace		
Type	InclusionType_membershipCode		
Properties	use: required		
Facets	enumeration	1	Vessels with these characteristics are included in the regulation/restriction/recommendation/nautical information.
	enumeration	2	Vessels with these characteristics are excluded from the regulation/restriction/recommendation/nautical information.
	enumeration	0	
Used by	Complex Type	InclusionType_membershipType	

Attribute methodOfSecuringType / @code

Namespace	No namespace		
Type	methodOfSecuringCode		
Properties	use: required		
Facets	enumeration	1	Vessel is secured perpendicular to the wharf with bow to seaward.
	enumeration	2	Vessel is secured perpendicular to the wharf with stern to the seaward.
	enumeration	3	The vessel is secured perpendicular to the wharf.
	enumeration	4	Mooring method/procedure used during onshore wind conditions without a tug.
	enumeration	5	Mooring by maneuvering ahead and astern while dropping anchors to secure the vessel with reduced swinging room.
	enumeration	6	Mooring by using mainly wind and tide to position the vessel while dropping anchors to secure the vessel with reduced swinging room. Makes limited use of the engine to position the vessel.
	enumeration	7	A mooring structure used by tankers to load and unload in port approaches or in offshore oil and gas fields. The size of the structure can vary between a large mooring buoy and a manned floating structure.
	enumeration	8	A facility where a vessel is usually moored by a combination of the ship's anchors forward and mooring buoys aft and held on a fixed heading. Also called Conventional Buoy Mooring (CBM).
	enumeration	9	Mooring alongside another vessel.
	enumeration	10	Mooring system supported by a spider buoy.
Used by	Complex Type	methodOfSecuringType	

Attribute Berth_methodOfSecuringType / @code

Namespace	No namespace		
Type	Berth_methodOfSecuringCode		
Properties	use: required		
Facets	enumeration	1	Vessel is secured perpendicular to the wharf with bow to seaward.
	enumeration	2	Vessel is secured perpendicular to the wharf with stern to the seaward.
	enumeration	3	The vessel is secured perpendicular to the wharf.
	enumeration	4	Mooring method/procedure used during onshore wind conditions without a tug.

	enumeration	5	Mooring by maneuvering ahead and astern while dropping anchors to secure the vessel with reduced swinging room.
	enumeration	6	Mooring by using mainly wind and tide to position the vessel while dropping anchors to secure the vessel with reduced swinging room. Makes limited use of the engine to position the vessel.
	enumeration	7	A mooring structure used by tankers to load and unload in port approaches or in offshore oil and gas fields. The size of the structure can vary between a large mooring buoy and a manned floating structure.
	enumeration	8	A facility where a vessel is usually moored by a combination of the ship's anchors forward and mooring buoys aft and held on a fixed heading. Also called Conventional Buoy Mooring (CBM).
	enumeration	9	Mooring alongside another vessel.
	enumeration	10	Mooring system supported by a spider buoy.
Used by	Complex Type	Berth_methodOfSecuringType	

Attribute **nameUsageType** / @code

Namespace	No namespace		
Type	nameUsageCode		
Properties	use: required		
Facets	enumeration	1	The name is intended to be displayed when the end-user system is set to the default name/text display setting.
	enumeration	2	The name is intended to be displayed when the end-user system is set to an alternate name/text display setting, for example an alternate language.
	enumeration	3	The name or text is not intended to be displayed.
Used by	Complex Type	nameUsageType	

Attribute **featureName_nameUsageType** / @code

Namespace	No namespace		
Type	featureName_nameUsageCode		
Properties	use: required		
Facets	enumeration	1	The name is intended to be displayed when the end-user system is set to the default name/text display setting.
	enumeration	2	The name is intended to be displayed when the end-user system is set to an alternate name/text display setting, for example an alternate language.
	enumeration	3	The name or text is not intended to be displayed.
Used by	Complex Type	featureName_nameUsageType	

Attribute **onlineFunctionType** / @code

Namespace	No namespace		
Type	onlineFunctionCode		
Properties	use: required		
Facets	enumeration	1	Online instructions for transferring data from one storage device or system to another.
	enumeration	3	Online instructions for requesting the resource from the provider.
	enumeration	4	Online order process for obtaining the resource.

	enumeration	5	To make painstaking investigation or examination.
	enumeration	6	Complete metadata provided.
	enumeration	7	Browse graphic provided.
	enumeration	8	Online resource upload capability provided.
	enumeration	9	Online email service provided.
	enumeration	10	Online browsing provided.
	enumeration	11	Online file access provided.
Used by	Complex Type	onlineFunctionType	

Attribute **onlineResource_onlineFunctionType / @code**

Namespace	No namespace		
Type	onlineResource_onlineFunctionCode		
Properties	use: required		
Facets	enumeration	1	Online instructions for transferring data from one storage device or system to another.
	enumeration	3	Online instructions for requesting the resource from the provider.
	enumeration	4	Online order process for obtaining the resource.
	enumeration	5	To make painstaking investigation or examination.
	enumeration	6	Complete metadata provided.
	enumeration	7	Browse graphic provided.
	enumeration	8	Online resource upload capability provided.
	enumeration	9	Online email service provided.
	enumeration	10	Online browsing provided.
	enumeration	11	Online file access provided.
Used by	Complex Type	onlineResource_onlineFunctionType	

Attribute **pilotMovementType / @code**

Namespace	No namespace		
Type	pilotMovementCode		
Properties	use: required		
Facets	enumeration	1	The place where vessels not being navigated according to a pilot's instructions pick up a pilot while in transit from sea to a port or constricted waters for future navigation under pilot instructions.
	enumeration	2	The place where vessels being navigated under a pilot's instructions in transit from sea to a port or constricted waters drop the pilot and proceed without being subject to pilot instructions.
	enumeration	3	The place where vessels being navigated under a pilot's instructions drop off the pilot and pick up a different pilot for future navigation under pilot's instructions.
Used by	Complex Type	pilotMovementType	

Attribute **PilotBoardingPlace_pilotMovementType / @code**

Namespace	No namespace		
Type	PilotBoardingPlace_pilotMovementCode		
Properties	use: required		
Facets	enumeration	1	The place where vessels not being navigated according to a pilot's instructions pick up a

		pilot while in transit from sea to a port or constricted waters for future navigation under pilot instructions.
enumeration	2	The place where vessels being navigated under a pilot's instructions in transit from sea to a port or constricted waters drop the pilot and proceed without being subject to pilot instructions.
enumeration	3	The place where vessels being navigated under a pilot's instructions drop off the pilot and pick up a different pilot for future navigation under pilot's instructions.
Used by	Complex Type	PilotBoardingPlace_pilotMovementType

Attribute productType / @code

Namespace	No namespace	
Type	productCode	
Properties	use: required	
Facets	enumeration 1	A thick, slippery liquid that will not dissolve in water, usually petroleum based in the context of storage tanks.
	enumeration 2	A substance with particles that can move freely, usually a fuel substance in the context of storage tanks.
	enumeration 4	A general term for rock and rock fragments ranging in size from pebbles and gravel to boulders or large rock masses.
	enumeration 5	A hard black mineral that is burned as fuel.
	enumeration 6	A solid rock or mineral from which metal is obtained.
	enumeration 7	Any substance obtained by or used in a chemical process.
	enumeration 9	A white fluid secreted by female mammals as food for their young.
	enumeration 10	A mineral from which aluminum is obtained.
	enumeration 11	A solid substance obtained after gas and tar have been extracted from coal, used as a fuel.
	enumeration 12	An oblong lump of cast iron metal.
	enumeration 13	Sodium chloride obtained from mines or by the evaporation of sea water.
	enumeration 14	Loose material consisting of small but easily distinguishable, separate grains, between 0.0625 and 2.000 millimetres in diameter.
	enumeration 15	Wood prepared for use in building or carpentry.
	enumeration 16	Powdery fragments of wood made in sawing timber or coarse chips produced for use in manufacturing pressed board.
	enumeration 17	Discarded metal suitable for being reprocessed.
	enumeration 18	Natural gas that has been liquefied for ease of transport by cooling the gas to -162 Celsius.
	enumeration 19	A compressed gas consisting of flammable light hydrocarbons and derived from petroleum.
	enumeration 20	The fermented juice of grapes.
	enumeration 21	A substance made of powdered lime and clay, mixed with water.
	enumeration 22	A small hard seed, especially that of any cereal plant such as wheat, rice, corn, rye etc.
Used by	Complex Type	productType

Attribute Terminal_productType / @code

Namespace	No namespace
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Type	Terminal_productCode		
Properties	use:	required	
Facets			
	enumeration	1	A thick, slippery liquid that will not dissolve in water, usually petroleum based in the context of storage tanks.
	enumeration	2	A substance with particles that can move freely, usually a fuel substance in the context of storage tanks.
	enumeration	4	A general term for rock and rock fragments ranging in size from pebbles and gravel to boulders or large rock masses.
	enumeration	5	A hard black mineral that is burned as fuel.
	enumeration	6	A solid rock or mineral from which metal is obtained.
	enumeration	7	Any substance obtained by or used in a chemical process.
	enumeration	9	A white fluid secreted by female mammals as food for their young.
	enumeration	10	A mineral from which aluminum is obtained.
	enumeration	11	A solid substance obtained after gas and tar have been extracted from coal, used as a fuel.
	enumeration	12	An oblong lump of cast iron metal.
	enumeration	13	Sodium chloride obtained from mines or by the evaporation of sea water.
	enumeration	14	Loose material consisting of small but easily distinguishable, separate grains, between 0.0625 and 2.000 millimetres in diameter.
	enumeration	15	Wood prepared for use in building or carpentry.
	enumeration	16	Powdery fragments of wood made in sawing timber or coarse chips produced for use in manufacturing pressed board.
	enumeration	17	Discarded metal suitable for being reprocessed.
	enumeration	18	Natural gas that has been liquefied for ease of transport by cooling the gas to -162 Celsius.
	enumeration	19	A compressed gas consisting of flammable light hydrocarbons and derived from petroleum.
	enumeration	20	The fermented juice of grapes.
	enumeration	21	A substance made of powdered lime and clay, mixed with water.
	enumeration	22	A small hard seed, especially that of any cereal plant such as wheat, rice, corn, rye etc.
Used by	Complex Type	Terminal_productType	

Attribute qualityOfHorizontalMeasurementType / @code

Namespace	No namespace		
Type	qualityOfHorizontalMeasurementCode		
Properties	use:	required	
Facets			
	enumeration	1	The position(s) was(were) determined by the operation of making measurements for determining the relative position of points on, above or beneath the earth's surface. Survey implies a regular, controlled survey of any date.
	enumeration	2	Survey data is does not exist or is very poor.
	enumeration	3	Not surveyed to modern standards; or due to its age, scale, or positional or vertical uncertainties is not suitable to the type of navigation expected in the area.
	enumeration	4	A position that is considered to be less than third-order accuracy, but is generally considered to be within 30.5 metres of its correct geographic location. Also may apply to an object whose position does not remain fixed.

	enumeration	5	Of uncertain position. The expression is used principally on charts to indicate that a wreck, shoal, etc., has been reported in various positions and not definitely determined in any.
	enumeration	6	A feature's position has been obtained from questionable or unreliable data.
	enumeration	7	An object whose position has been reported and its position confirmed by some means other than a formal survey such as an independent report of the same object.
	enumeration	8	An object whose position has been reported and its position has not been confirmed.
	enumeration	9	The most probable position of an object determined from incomplete data or data of questionable accuracy.
	enumeration	10	A position that is of a known value, such as the position of an anchor berth or other defined object.
	enumeration	11	A position that is computed from data.
Used by	Complex Type		qualityOfHorizontalMeasurementType

Attribute **spatialQuality_qualityOfHorizontalMeasurementType / @code**

Namespace	No namespace		
Type	SpatialQuality_qualityOfHorizontalMeasurementCode		
Properties	use: required		
Facets	enumeration	1	The position(s) was(were) determined by the operation of making measurements for determining the relative position of points on, above or beneath the earth's surface. Survey implies a regular, controlled survey of any date.
	enumeration	2	Survey data is does not exist or is very poor.
	enumeration	3	Not surveyed to modern standards; or due to its age, scale, or positional or vertical uncertainties is not suitable to the type of navigation expected in the area.
	enumeration	4	A position that is considered to be less than third-order accuracy, but is generally considered to be within 30.5 metres of its correct geographic location. Also may apply to an object whose position does not remain fixed.
	enumeration	5	Of uncertain position. The expression is used principally on charts to indicate that a wreck, shoal, etc., has been reported in various positions and not definitely determined in any.
	enumeration	6	A feature's position has been obtained from questionable or unreliable data.
	enumeration	7	An object whose position has been reported and its position confirmed by some means other than a formal survey such as an independent report of the same object.
	enumeration	8	An object whose position has been reported and its position has not been confirmed.
	enumeration	9	The most probable position of an object determined from incomplete data or data of questionable accuracy.
	enumeration	10	A position that is of a known value, such as the position of an anchor berth or other defined object.
	enumeration	11	A position that is computed from data.
Used by	Complex Type	SpatialQuality_qualityOfHorizontalMeasurementType	

Attribute **repairServiceType / @code**

Namespace	No namespace
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Type	repairServiceCode		
Properties	use:	required	
Facets	enumeration	1	The process of neutralizing or reducing to a minimum the magnetic effects the vessel itself exerts on a magnetic compass. It is based on the principle that the magnetic effect of the iron and steel of the vessel can be counterbalanced by means of magnets and soft iron placed near the compass. Also called compass adjustment, compass compensation, or magnetic compensation.
	enumeration	2	Underwater inspection and repair performed by divers.
	enumeration	3	Repairs to equipment installed on the ship's bridge.
	enumeration	4	Repair of an engine or machine parts.
	enumeration	5	Repair of marine electronic instruments.
	enumeration	6	Repairs to the ship's body, frame, or superstructure.
	enumeration	7	Repairs to equipment used in the act of navigating a ship.
	enumeration	8	Repairs to propeller hub and blades.
	enumeration	9	Repairs to equipment used in salvage operations.
	enumeration	10	Repairs to drive shafts used for transmitting mechanical power and torque to a propeller.

Attribute AvailablePortServices_repairServiceType / @code

Namespace	No namespace		
Type	AvailablePortServices_repairServiceCode		
Properties	use: required		
Facets	enumeration	1	The process of neutralizing or reducing to a minimum the magnetic effects the vessel itself exerts on a magnetic compass. It is based on the principle that the magnetic effect of the iron and steel of the vessel can be counterbalanced by means of magnets and soft iron placed near the compass. Also called compass adjustment, compass compensation, or magnetic compensation.
	enumeration	2	Underwater inspection and repair performed by divers.
	enumeration	3	Repairs to equipment installed on the ship's bridge.
	enumeration	4	Repair of an engine or machine parts.
	enumeration	5	Repair of marine electronic instruments.
	enumeration	6	Repairs to the ship's body, frame, or superstructure.
	enumeration	7	Repairs to equipment used in the act of navigating a ship.
	enumeration	8	Repairs to propeller hub and blades.
	enumeration	9	Repairs to equipment used in salvage operations.
	enumeration	10	Repairs to drive shafts used for transmitting mechanical power and torque to a propeller.
Used by	Complex Type	AvailablePortServices_repairServiceType	

Attribute shipSanitationControlType / @code

Namespace	No namespace
Type	shipSanitationControlCode
Properties	use: required

Facets	enumeration	1	Capable of applying measures to ensure that a vessel is free of disease and disease risks, but cannot issue a certificate.
	enumeration	2	The competent authority can issue a Ship Sanitation Control Certificate after satisfactorily completing or supervising the completion of ship sanitation control measures.
	enumeration	3	The competent authority may issue a Ship Sanitation Control Exemption Certificate if it is satisfied that the ship is free of infection and contamination, including vectors and reservoirs.
Used by	Complex Type	shipSanitationControlType	

Attribute AvailablePortServices_shipSanitationControlType / @code

Namespace	No namespace		
Type	AvailablePortServices_shipSanitationControlCode		
Properties	use: required		
Facets	enumeration	1	Capable of applying measures to ensure that a vessel is free of disease and disease risks, but cannot issue a certificate.
	enumeration	2	The competent authority can issue a Ship Sanitation Control Certificate after satisfactorily completing or supervising the completion of ship sanitation control measures.
	enumeration	3	The competent authority may issue a Ship Sanitation Control Exemption Certificate if it is satisfied that the ship is free of infection and contamination, including vectors and reservoirs.
Used by	Complex Type	AvailablePortServices_shipSanitationControlType	

Attribute sourceTypeType / @code

Namespace	No namespace		
Type	sourceTypeCode		
Properties	use: required		
Facets	enumeration	1	Treaty, convention, or international agreement; law or regulation issued by a national or other authority.
	enumeration	2	Publication not having the force of law, issued by an international organisation or a national or local administration.
	enumeration	7	Reported by mariner(s) and confirmed by another source.
	enumeration	8	Reported by mariner(s) but not confirmed.
	enumeration	9	Shipping and other industry publications, including graphics, charts and web sites.
	enumeration	10	Information obtained from satellite images.
	enumeration	11	Information obtained from photographs.
	enumeration	12	Information obtained from products issued by Hydrographic Offices.
	enumeration	13	Information obtained from news media.
	enumeration	14	Information obtained from the analysis of traffic data.
Used by	Complex Type	sourceTypeType	

Attribute sourceIndication_sourceTypeType / @code

Namespace	No namespace		
Type	sourceIndication_sourceTypeCode		

Properties	use:	required	
Facets	enumeration	1	Treaty, convention, or international agreement; law or regulation issued by a national or other authority.
	enumeration	2	Publication not having the force of law, issued by an international organisation or a national or local administration.
	enumeration	7	Reported by mariner(s) and confirmed by another source.
	enumeration	8	Reported by mariner(s) but not confirmed.
	enumeration	9	Shipping and other industry publications, including graphics, charts and web sites.
	enumeration	10	Information obtained from satellite images.
	enumeration	11	Information obtained from photographs.
	enumeration	12	Information obtained from products issued by Hydrographic Offices.
	enumeration	13	Information obtained from news media.
	enumeration	14	Information obtained from the analysis of traffic data.
Used by	Complex Type	sourceIndication_sourceTypeType	

Attribute supplyServiceType / @code

Namespace	No namespace		
Type	supplyServiceCode		
Properties	use:	required	
Facets	enumeration	1	The provision of shoreside electrical power to a ship at berth while its main and auxiliary engines are shut down.
	enumeration	2	Transfer of fuel oil to the fuel compartments of a ship.
	enumeration	3	Transfer of liquefied natural gas to the fuel compartments of a ship.
	enumeration	4	Substances capable of reducing friction, heat, and wear when introduced as a film between solid surfaces.
	enumeration	5	The gas into which water is changed by boiling.
	enumeration	6	Water which can be used for drinking and food preparation.
	enumeration	7	A universal hose connection for the supply of water for fighting fires.
	enumeration	8	A place where food and other such supplies are available.
	enumeration	9	A dealer in ships' supplies.
	enumeration	10	A place where mechanical repairs can be undertaken to engines or other vessel equipment.
Used by	Complex Type	supplyServiceType	

Attribute AvailablePortServices_supplyServiceType / @code

Namespace	No namespace		
Type	AvailablePortServices_supplyServiceCode		
Properties	use:	required	
Facets	enumeration	1	The provision of shoreside electrical power to a ship at berth while its main and auxiliary engines are shut down.
	enumeration	2	Transfer of fuel oil to the fuel compartments of a ship.
	enumeration	3	Transfer of liquefied natural gas to the fuel compartments of a ship.

	enumeration	4	Substances capable of reducing friction, heat, and wear when introduced as a film between solid surfaces.
	enumeration	5	The gas into which water is changed by boiling.
	enumeration	6	Water which can be used for drinking and food preparation.
	enumeration	7	A universal hose connection for the supply of water for fighting fires.
	enumeration	8	A place where food and other such supplies are available.
	enumeration	9	A dealer in ships' supplies.
	enumeration	10	A place where mechanical repairs can be undertaken to engines or other vessel equipment.
Used by	Complex Type	AvailablePortServices_supplyServiceType	

Attribute **technicalPortServiceType / @code**

Namespace	No namespace		
Type	technicalPortServiceCode		
Properties	use: required		
Facets	enumeration	1	The process of neutralizing or reducing to a minimum the magnetic effects the vessel itself exerts on a magnetic compass. It is based on the principle that the magnetic effect of the iron and steel of the vessel can be counterbalanced by means of magnets and soft iron placed near the compass. Also called compass adjustment, compass compensation, or magnetic compensation.
	enumeration	2	Neutralization of the strength of the magnetic field of a vessel, by means of suitably arranged electric coils permanently installed in the vessel. See also Degaussing Cable.
	enumeration	3	Inspection, evaluation or monitoring of the quantity, stowage, loading and unloading, and condition of cargo, and the effects of cargoes on vessel stability and safety.
	enumeration	4	Assessment of quality and compliance with applicable law, regulations, and safety standards.
Used by	Complex Type	technicalPortServiceType	

Attribute **AvailablePortServices_technicalPortServiceType / @code**

Namespace	No namespace		
Type	AvailablePortServices_technicalPortServiceCode		
Properties	use: required		
Facets	enumeration	1	The process of neutralizing or reducing to a minimum the magnetic effects the vessel itself exerts on a magnetic compass. It is based on the principle that the magnetic effect of the iron and steel of the vessel can be counterbalanced by means of magnets and soft iron placed near the compass. Also called compass adjustment, compass compensation, or magnetic compensation.
	enumeration	2	Neutralization of the strength of the magnetic field of a vessel, by means of suitably arranged electric coils permanently installed in the vessel. See also Degaussing Cable.
	enumeration	3	Inspection, evaluation or monitoring of the quantity, stowage, loading and unloading, and condition of cargo, and the effects of cargoes on vessel stability and safety.
	enumeration	4	Assessment of quality and compliance with applicable law, regulations, and safety standards.

Used by	Complex Type	AvailablePortServices_technicalPortServiceType
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Attribute telecommunicationServiceType / @code

Namespace	No namespace	
Type	telecommunicationServiceCode	
Properties	use: required	
Facets	enumeration	1 The transfer or exchange of information by using sounds that are being made by mouth and throat when speaking.
	enumeration	2 A system of transmitting and reproducing graphic matter (as printing or still pictures) by means of signals sent over telephone lines.
	enumeration	3 Short Message Service is a form of text messaging communication on phones and mobile phones.
	enumeration	4 A representation of facts, concepts or instructions in a formalised manner suitable for communication, interpretation or processing.
	enumeration	5 Data that is constantly received by and presented to an end-user while being delivered by a provider.
	enumeration	6 A system of communication in which messages are sent over long distances by using a telephone system and are printed by using a special machine (called a teletypewriter).
	enumeration	7 An apparatus, system or process for communication at a distance by electric transmission over wire.
	enumeration	8 Messages and other data exchanged between individuals using computers in a network.
Used by	Complex Type	telecommunicationServiceType

Attribute telecommunications_telecommunicationServiceType / @code

Namespace	No namespace	
Type	telecommunications_telecommunicationServiceCode	
Properties	use: required	
Facets	enumeration	1 The transfer or exchange of information by using sounds that are being made by mouth and throat when speaking.
	enumeration	2 A system of transmitting and reproducing graphic matter (as printing or still pictures) by means of signals sent over telephone lines.
	enumeration	3 Short Message Service is a form of text messaging communication on phones and mobile phones.
	enumeration	4 A representation of facts, concepts or instructions in a formalised manner suitable for communication, interpretation or processing.
	enumeration	5 Data that is constantly received by and presented to an end-user while being delivered by a provider.
	enumeration	6 A system of communication in which messages are sent over long distances by using a telephone system and are printed by using a special machine (called a teletypewriter).
	enumeration	7 An apparatus, system or process for communication at a distance by electric transmission over wire.
	enumeration	8 Messages and other data exchanged between individuals using computers in a network.
Used by	Complex Type	telecommunications_telecommunicationServiceType

Attribute textTypeType / @code

Namespace	No namespace
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Type	textTypeCode	
Properties	use:	required
Facets	enumeration	1 The individual name of a feature.
Used by	Complex Type	textTypeType

Attribute **TextPlacement_textTypeType** / @code

Namespace	No namespace	
Type	TextPlacement_textTypeCode	
Properties	use: required	
Facets	enumeration	1 The individual name of a feature.
Used by	Complex Type	TextPlacement_textTypeType

Attribute **verticalDatumType** / @code

Namespace	No namespace	
Type	verticalDatumCode	
Properties	use: required	
Facets	enumeration	1 The average height of the low waters of spring tides. This level is used as a tidal datum in some areas. Also called spring low water.
	enumeration	2 The average height of lower low water springs at a place.
	enumeration	3 The average height of the surface of the sea at a tide station for all stages of the tide over a 19-year period, usually determined from hourly height readings measured from a fixed predetermined reference level.
	enumeration	4 An arbitrary level conforming to the lowest tide observed at a place, or some what lower.
	enumeration	5 The average height of all low waters at a place over a 19-year period.
	enumeration	6 An arbitrary level conforming to the lowest water level observed at a place at spring tides during a period of time shorter than 19 years.
	enumeration	7 An arbitrary level, usually within 0.3m from that of Mean Low Water Springs (MLWS).
	enumeration	8 An arbitrary tidal datum approximating the level of the mean of the lower low water at spring tides. It was first used in waters surrounding India.
	enumeration	9 An arbitrary level, approximating that of mean low water springs (MLWS).
	enumeration	10 An arbitrary level, usually within 0.3m from that of Lowest Astronomical Tide (LAT).
	enumeration	11 An arbitrary level approximating the lowest water level observed at a place, usually equivalent to the Indian Spring Low Water (ISLW).
	enumeration	12 The average height of the lower low waters at a place over a 19-year period.
	enumeration	13 The lowest level reached at a place by the water surface in one oscillation. Also called low tide.
	enumeration	14 An arbitrary level, usually within 0.3m from that of Mean Low Water (MLW).
	enumeration	15 An arbitrary level, usually within 0.3m from that of Mean Lower Low Water (MLLW).
	enumeration	16 The average height of all high waters at a place over a 19-year period.
	enumeration	17 The average height of the high waters of spring tides. Also called spring high water.

	enumeration	18	The highest level reached at a place by the water surface in one oscillation.
	enumeration	19	An arbitrary level, usually within 0.3m from that of Mean Sea Level (MSL).
	enumeration	20	An arbitrary level, approximating that of mean high water springs (MHWS).
	enumeration	21	The average height of higher high waters at a place over a 19-year period.
	enumeration	22	The level of low water springs near the time of an equinox.
	enumeration	23	The lowest tide level which can be predicted to occur under average meteorological conditions and under any combination of astronomical conditions.
	enumeration	24	An arbitrary datum defined by a local harbour authority, from which levels and tidal heights are measured by this authority.
	enumeration	25	A vertical reference system with its zero based on the mean water level at Rimouski/Pointe-au-Pere, Quebec, over the period 1970 to 1988.
	enumeration	26	The average of all hourly water levels over the available period of record.
	enumeration	27	The average of the lowest low waters, one from each of 19 years of observations.
	enumeration	28	The average of the highest high waters, one from each of 19 years of observations.
	enumeration	29	An arbitrary level approximating the highest water level observed at a place, usually equivalent to the high water springs.
	enumeration	30	The highest tidal level which can be predicted to occur under average meteorological conditions and under any combination of astronomical conditions.
	enumeration	44	The datum refers to each Baltic country's realization of the European Vertical Reference System (EVRS) with land-uplift epoch 2000, which is connected to the Normaal Amsterdams Peil (NAP).
Used by	Complex Type	verticalDatumType	

Attribute SoundingDatum_verticalDatumType / @code

Namespace	No namespace		
Type	SoundingDatum_verticalDatumCode		
Properties	use: required		
Facets	enumeration	1	The average height of the low waters of spring tides. This level is used as a tidal datum in some areas. Also called spring low water.
	enumeration	2	The average height of lower low water springs at a place.
	enumeration	3	The average height of the surface of the sea at a tide station for all stages of the tide over a 19-year period, usually determined from hourly height readings measured from a fixed predetermined reference level.
	enumeration	4	An arbitrary level conforming to the lowest tide observed at a place, or some what lower.
	enumeration	5	The average height of all low waters at a place over a 19-year period.
	enumeration	6	An arbitrary level conforming to the lowest water level observed at a place at spring tides during a period of time shorter than 19 years.
	enumeration	7	An arbitrary level, usually within 0.3m from that of Mean Low Water Springs (MLWS).
	enumeration	8	An arbitrary tidal datum approximating the level of the mean of the lower low water at spring

		tides. It was first used in waters surrounding India.
enumeration	9	An arbitrary level, approximating that of mean low water springs (MLWS).
enumeration	10	An arbitrary level, usually within 0.3m from that of Lowest Astronomical Tide (LAT).
enumeration	11	An arbitrary level approximating the lowest water level observed at a place, usually equivalent to the Indian Spring Low Water (ISLW).
enumeration	12	The average height of the lower low waters at a place over a 19-year period.
enumeration	13	The lowest level reached at a place by the water surface in one oscillation. Also called low tide.
enumeration	14	An arbitrary level, usually within 0.3m from that of Mean Low Water (MLW).
enumeration	15	An arbitrary level, usually within 0.3m from that of Mean Lower Low Water (MLLW).
enumeration	19	An arbitrary level, usually within 0.3m from that of Mean Sea Level (MSL).
enumeration	22	The level of low water springs near the time of an equinox.
enumeration	23	The lowest tide level which can be predicted to occur under average meteorological conditions and under any combination of astronomical conditions.
enumeration	24	An arbitrary datum defined by a local harbour authority, from which levels and tidal heights are measured by this authority.
enumeration	25	A vertical reference system with its zero based on the mean water level at Rimouski/Pointe-au-Pere, Quebec, over the period 1970 to 1988.
enumeration	26	The average of all hourly water levels over the available period of record.
enumeration	27	The average of the lowest low waters, one from each of 19 years of observations.
enumeration	44	The datum refers to each Baltic country's realization of the European Vertical Reference System (EVRS) with land-uplift epoch 2000, which is connected to the Normaal Amsterdams Peil (NAP).
Used by	Complex Type	SoundingDatum_verticalDatumType

Attribute `VerticalDatumOfData_verticalDatumType / @code`

Namespace	No namespace		
Type	VerticalDatumOfData_verticalDatumCode		
Properties	use: required		
Facets	enumeration	3	The average height of the surface of the sea at a tide station for all stages of the tide over a 19-year period, usually determined from hourly height readings measured from a fixed predetermined reference level.
	enumeration	13	The lowest level reached at a place by the water surface in one oscillation. Also called low tide.
	enumeration	16	The average height of all high waters at a place over a 19-year period.
	enumeration	17	The average height of the high waters of spring tides. Also called spring high water.
	enumeration	18	The highest level reached at a place by the water surface in one oscillation.
	enumeration	19	An arbitrary level, usually within 0.3m from that of Mean Sea Level (MSL).
	enumeration	20	An arbitrary level, approximating that of mean high water springs (MHWS).

enumeration	21	The average height of higher high waters at a place over a 19-year period.
enumeration	24	An arbitrary datum defined by a local harbour authority, from which levels and tidal heights are measured by this authority.
enumeration	25	A vertical reference system with its zero based on the mean water level at Rimouski/Pointe-au-Pere, Quebec, over the period 1970 to 1988.
enumeration	26	The average of all hourly water levels over the available period of record.
enumeration	28	The average of the highest high waters, one from each of 19 years of observations.
enumeration	29	An arbitrary level approximating the highest water level observed at a place, usually equivalent to the high water springs.
enumeration	30	The highest tidal level which can be predicted to occur under average meteorological conditions and under any combination of astronomical conditions.
enumeration	44	The datum refers to each Baltic country's realization of the European Vertical Reference System (EVRS) with land-uplift epoch 2000, which is connected to the Normaal Amsterdams Peil (NAP).
Used by	Complex Type	VerticalDatumOfData_verticalDatumType

Attribute vesselsCharacteristicsType / @code

Namespace	No namespace		
Type	vesselsCharacteristicsCode		
Properties	use: required		
Facets	enumeration	1	The maximum length of the ship.
	enumeration	2	The ship's length measured at the waterline.
	enumeration	3	The width or beam of the vessel.
	enumeration	4	The depth of water necessary to float a vessel fully loaded.
	enumeration	6	A measurement of the weight of the vessel, usually used for warships. (Merchant ships are usually measured based on the volume of cargo space; see tonnage). Displacement is expressed either in long tons of 2,240 pounds or metric tonnes of 1,000 kg. Since the two units are very close in size (2,240 pounds = 1,016 kg and 1,000 kg = 2,205 pounds), it is common not to distinguish between them. To preserve secrecy, nations sometimes misstate a warship's displacement.
	enumeration	7	The weight of the ship excluding cargo, fuel, ballast, stores, passengers, and crew, but with water in the boilers to steaming level.
	enumeration	8	The weight of the ship including cargo, passengers, fuel, water, stores, dunnage and such other items necessary for use on a voyage, which brings the vessel down to her load draft.
	enumeration	9	The difference between displacement, light and displacement, loaded. A measure of the ship's total carrying capacity.
	enumeration	10	The entire internal cubic capacity of the ship expressed in tons of 100 cubic feet to the ton, except certain spaces which are exempted such as: peak and other tanks for water ballast, open forecastle bridge and poop, access of hatchways, certain light and air spaces, domes of skylights, condenser, anchor gear, steering gear, wheel house, galley and cabin for passengers.
	enumeration	11	Obtained from the gross tonnage by deducting crew and navigating spaces and allowances for propulsion machinery.

	enumeration	12	The Panama Canal/Universal Measurement System (PC/UMS) is based on net tonnage, modified for Panama Canal purposes. PC/UMS is based on a mathematical formula to calculate a vessel's total volume; a PC/UMS net ton is equivalent to 100 cubic feet of capacity.
	enumeration	13	The Suez Canal Net Tonnage (SCNT) is derived with a number of modifications from the former net register tonnage of the Moorsom System and was established by the International Commission of Constantinople in its Protocol of 18 December 1873. It is still in use, as amended by the Rules of Navigation of the Suez Canal Authority, and is registered in the Suez Canal Tonnage Certificate.
Used by	Complex Type	vesselsCharacteristicsType	

Attribute **vesselMeasurementsSpecification_vesselsCharacteristicsType / @code**

Namespace	No namespace		
Type	vesselMeasurementsSpecification_vesselsCharacteristicsCode		
Properties	use: required		
Facets	enumeration	1	The maximum length of the ship.
	enumeration	2	The ship's length measured at the waterline.
	enumeration	3	The width or beam of the vessel.
	enumeration	4	The depth of water necessary to float a vessel fully loaded.
	enumeration	6	A measurement of the weight of the vessel, usually used for warships. (Merchant ships are usually measured based on the volume of cargo space; see tonnage). Displacement is expressed either in long tons of 2,240 pounds or metric tonnes of 1,000 kg. Since the two units are very close in size (2,240 pounds = 1,016 kg and 1,000 kg = 2,205 pounds), it is common not to distinguish between them. To preserve secrecy, nations sometimes misstate a warship's displacement.
	enumeration	7	The weight of the ship excluding cargo, fuel, ballast, stores, passengers, and crew, but with water in the boilers to steaming level.
	enumeration	8	The weight of the ship including cargo, passengers, fuel, water, stores, dunnage and such other items necessary for use on a voyage, which brings the vessel down to her load draft.
	enumeration	9	The difference between displacement, light and displacement, loaded. A measure of the ship's total carrying capacity.
	enumeration	10	The entire internal cubic capacity of the ship expressed in tons of 100 cubic feet to the ton, except certain spaces which are exempted such as: peak and other tanks for water ballast, open forecastle bridge and poop, access of hatchways, certain light and air spaces, domes of skylights, condenser, anchor gear, steering gear, wheel house, galley and cabin for passengers.
	enumeration	11	Obtained from the gross tonnage by deducting crew and navigating spaces and allowances for propulsion machinery.
	enumeration	12	The Panama Canal/Universal Measurement System (PC/UMS) is based on net tonnage, modified for Panama Canal purposes. PC/UMS is based on a mathematical formula to calculate a vessel's total volume; a PC/UMS net ton is equivalent to 100 cubic feet of capacity.
	enumeration	13	The Suez Canal Net Tonnage (SCNT) is derived with a number of modifications from the former net register tonnage of the Moorsom System and was established by the International Commission of Constantinople in its Protocol of 18 December

		1873. It is still in use, as amended by the Rules of Navigation of the Suez Canal Authority, and is registered in the Suez Canal Tonnage Certificate.
Used by	Complex Type	vesselMeasurementsSpecification_vesselsCharacteristicsType

Attribute vesselsCharacteristicsUnitType / @code

Namespace	No namespace		
Type	vesselsCharacteristicsUnitCode		
Properties	use: required		
Facets	enumeration	1	The basic unit of length in the International System of Units (SI) system.
	enumeration	3	The tonne or metric ton (U.S.), often redundantly referred to as a metric tonne, is a unit of mass equal to 1,000 kg (2,205 lb) or approximately the mass of one cubic metre of water at four degrees Celsius. It is sometimes abbreviated as mt in the United States, but this conflicts with other SI symbols. The tonne is not a unit in the International System of Units (SI), but is accepted for use with the SI. In SI units and prefixes, the tonne is a megagram (Mg). The Imperial and US customary units comparable to the tonne are both spelled ton in English, though they differ in mass. Pronunciation of tonne (the word used in the UK) and ton is usually identical, but is not too confusing unless accuracy is important as the tonne and UK long ton differ by only 1.6.
	enumeration	4	Long ton (weight ton or imperial ton) is the name for the unit called the "ton" in the avoirdupois or Imperial system of measurements, as used in the United Kingdom and several other Commonwealth countries. It has been mostly replaced by the tonne, and in the United States by the short ton. One long ton is equal to 2,240 pounds (1,016 kg) or 35 cubic feet (0.9911 m) of salt water with a density of 64 lb/ft (1.025 g/ml). It has some limited use in the United States, most commonly in measuring the displacement of ships, and was the unit prescribed for warships by the Washington Naval Treaty for example battleships were limited to a mass of 35,000 long tons (36,000 t; 39,000 ST).
	enumeration	5	A unit of weight equal to 2,000 pounds (907.18474 kg). In the United States it is often called simply ton without distinguishing it from the metric ton (tonne, 1,000 kilograms) or the long ton (2,240 pounds / 1,016.0469088 kilograms); rather, the other two are specifically noted. There are, however, some US applications for which unspecified tons normally means long tons (for example, Navy ships) or metric tons (world grain production figures). Both the long and short ton are defined as 20 hundredweights, but a hundredweight is 100 pounds (45.359237 kg) in the US system (short or net hundredweight) and 112 pounds (50.80234544 kg) in the Imperial system (long or gross hundredweight).
	enumeration	6	Gross tonnage (GT) is a function of the volume of all ship's enclosed spaces (from keel to funnel) measured to the outside of the hull framing. There is a sliding scale factor. So GT is a kind of capacity-derived index that is used to rank a ship for purposes of determining manning, safety and other statutory requirements and is expressed simply as GT, which is a unitless entity, even though its derivation is tied to the cubic meter unit of volumetric capacity. Tonnage measurements are now governed by an IMO Convention (International Convention on Tonnage Measurement of Ships, 1969 (London-Rules)), which applies to all ships built after July 1982. In accordance with the Convention, the correct term to use now is GT, which is a

		function of the moulded volume of all enclosed spaces of the ship.
enumeration	7	Net tonnage (NT) is based on a calculation of the volume of all cargo spaces of the ship. It indicates a vessel's earning space and is a function of the moulded volume of all cargo spaces of the ship.
enumeration	9	The Suez Canal Net Tonnage (SCNT) is derived with a number of modifications from the former net register tonnage of the Moorsom System and was established by the International Commission of Constantinople in its Protocol of 18 December 1873. It is still in use, as amended by the Rules of Navigation of the Suez Canal Authority, and is registered in the Suez Canal Tonnage Certificate.
Used by	Complex Type	vesselsCharacteristicsUnitType

Attribute `vesselMeasurementsSpecification_vesselsCharacteristicsUnitType` / @code

Namespace	No namespace		
Type	vesselMeasurementsSpecification_vesselsCharacteristicsUnitCode		
Properties	use: required		
Facets	enumeration	1	The basic unit of length in the International System of Units (SI) system.
	enumeration	3	The tonne or metric ton (U.S.), often redundantly referred to as a metric tonne, is a unit of mass equal to 1,000 kg (2,205 lb) or approximately the mass of one cubic metre of water at four degrees Celsius. It is sometimes abbreviated as mt in the United States, but this conflicts with other SI symbols. The tonne is not a unit in the International System of Units (SI), but is accepted for use with the SI. In SI units and prefixes, the tonne is a megagram (Mg). The Imperial and US customary units comparable to the tonne are both spelled ton in English, though they differ in mass. Pronunciation of tonne (the word used in the UK) and ton is usually identical, but is not too confusing unless accuracy is important as the tonne and UK long ton differ by only 1.6.
	enumeration	4	Long ton (weight ton or imperial ton) is the name for the unit called the "ton" in the avoirdupois or Imperial system of measurements, as used in the United Kingdom and several other Commonwealth countries. It has been mostly replaced by the tonne, and in the United States by the short ton. One long ton is equal to 2,240 pounds (1,016 kg) or 35 cubic feet (0.9911 m ³) of salt water with a density of 64 lb/ft ³ (1.025 g/ml). It has some limited use in the United States, most commonly in measuring the displacement of ships, and was the unit prescribed for warships by the Washington Naval Treaty for example battleships were limited to a mass of 35,000 long tons (36,000 t; 39,000 ST).
	enumeration	5	A unit of weight equal to 2,000 pounds (907.18474 kg). In the United States it is often called simply ton without distinguishing it from the metric ton (tonne, 1,000 kilograms) or the long ton (2,240 pounds / 1,016.0469088 kilograms); rather, the other two are specifically noted. There are, however, some US applications for which unspecified tons normally means long tons (for example, Navy ships) or metric tons (world grain production figures). Both the long and short ton are defined as 20 hundredweights, but a hundredweight is 100 pounds (45.359237 kg) in the US system (short or net hundredweight) and 112 pounds (50.80234544 kg) in the Imperial system (long or gross hundredweight).
	enumeration	6	Gross tonnage (GT) is a function of the volume of all ship's enclosed spaces (from keel to

		<p>funnel) measured to the outside of the hull framing. There is a sliding scale factor. So GT is a kind of capacity-derived index that is used to rank a ship for purposes of determining manning, safety and other statutory requirements and is expressed simply as GT, which is a unitless entity, even though its derivation is tied to the cubic meter unit of volumetric capacity. Tonnage measurements are now governed by an IMO Convention (International Convention on Tonnage Measurement of Ships, 1969 (London-Rules)), which applies to all ships built after July 1982. In accordance with the Convention, the correct term to use now is GT, which is a function of the moulded volume of all enclosed spaces of the ship.</p>
enumeration	7	Net tonnage (NT) is based on a calculation of the volume of all cargo spaces of the ship. It indicates a vessel's earning space and is a function of the moulded volume of all cargo spaces of the ship.
enumeration	9	The Suez Canal Net Tonnage (SCNT) is derived with a number of modifications from the former net register tonnage of the Moorsom System and was established by the International Commission of Constantinople in its Protocol of 18 December 1873. It is still in use, as amended by the Rules of Navigation of the Suez Canal Authority, and is registered in the Suez Canal Tonnage Certificate.
Used by	Complex Type	vesselMeasurementsSpecification_vesselsCharacteristicsUnitType

Attribute wasteDisposalServiceType / @code

Namespace	No namespace		
Type	wasteDisposalServiceCode		
Properties	use: required		
Facets	enumeration	1	The service with facility to receive oil related waste/residue of the type "Oily bilge water" as specified in MARPOL Annex I.
	enumeration	2	The service with facility to receive oil related waste/residue of the type "Oily Residues (sludge)" as specified in MARPOL Annex I.
	enumeration	3	The service with facility to receive oil related waste/residue of the type "Oily tank washings (slops)" as specified in MARPOL Annex I.
	enumeration	4	The service with facility to receive oil related waste/residue of the type "Dirty ballast water" as specified in MARPOL Annex I.
	enumeration	5	The service with facility to receive oil related waste/residue of the type "Scale and sludge from tank cleaning" as specified in MARPOL Annex I.
	enumeration	6	The service with facility to receive oil related waste/residue of the type "Other" as specified in MARPOL Annex I.
	enumeration	7	The service with facility to receive chemical/Noxious liquid substances related waste/residue of the type "Category X" as specified in MARPOL Annex II.
	enumeration	8	The service with facility to receive chemical/Noxious liquid substances related waste/residue of the type "Category Y" as specified in MARPOL Annex II.
	enumeration	9	The service with facility to receive chemical/Noxious liquid substances related waste/residue of the type "Category Z" as specified in MARPOL Annex II.
	enumeration	10	The service with facility to receive chemical/Noxious liquid substances related waste/residue of the type "Other substance" as specified in MARPOL Annex II.

enumeration	11	The service with facility to receive waste/residue of the type "Sewage" as specified in MARPOL Annex IV.
enumeration	12	The service with facility to receive garbage related waste/residue of the type "Plastics", as specified in MARPOL Annex V
enumeration	13	The service with facility to receive garbage related waste/residue of the type "Food wastes", as specified in MARPOL Annex V
enumeration	14	The service with facility to receive garbage related waste/residue of the type "Domestic wastes", as specified in MARPOL Annex V
enumeration	15	The service with facility to receive garbage related waste/residue of the type "Cooking oil", as specified in MARPOL Annex V
enumeration	16	The service with facility to receive garbage related waste/residue of the type "Incinerator ashes", as specified in MARPOL Annex V
enumeration	17	The service with facility to receive garbage related waste/residue of the type "Operational wastes", as specified in MARPOL Annex V
enumeration	18	The service with facility to receive garbage related waste/residue of the type "Animal carcasses", as specified in MARPOL Annex V
enumeration	19	The service with facility to receive garbage related waste/residue of the type "Fishing gear", as specified in MARPOL Annex V
enumeration	20	The service with facility to receive garbage related waste/residue of the type "E-waste", as specified in MARPOL Annex V
enumeration	21	The service with facility to receive garbage related waste/residue of the type "Cargo residues not determined to be harmful to the marine environment", as specified in MARPOL Annex V
enumeration	22	The service with facility to receive garbage related waste/residue of the type "Cargo residues harmful to the marine environment", as specified in MARPOL Annex V
enumeration	23	The service with facility to receive air pollution related waste/residue of the type "Ozone-depleting substances" as specified in MARPOL Annex VI.
enumeration	24	The service with facility to receive air pollution related waste/residue of the type "Exhaust gas-cleaning residues" as specified in MARPOL Annex VI.
Used by	Complex Type	wasteDisposalServiceType

Attribute AvailablePortServices_wasteDisposalServiceType / @code

Namespace	No namespace	
Type	AvailablePortServices_wasteDisposalServiceCode	
Properties	use: required	
Facets	enumeration	1
		The service with facility to receive oil related waste/residue of the type "Oily bilge water" as specified in MARPOL Annex I.
	enumeration	2
		The service with facility to receive oil related waste/residue of the type "Oily Residues (sludge)" as specified in MARPOL Annex I.
	enumeration	3
		The service with facility to receive oil related waste/residue of the type "Oily tank washings (slops)" as specified in MARPOL Annex I.
	enumeration	4
		The service with facility to receive oil related waste/residue of the type "Dirty ballast water" as specified in MARPOL Annex I.
	enumeration	5
		The service with facility to receive oil related waste/residue of the type "Scale and sludge from tank cleaning" as specified in MARPOL Annex I.

enumeration	6	The service with facility to receive oil related waste/residue of the type "Other" as specified in MARPOL Annex I.
enumeration	7	The service with facility to receive chemical/Noxious liquid substances related waste/residue of the type "Category X" as specified in MARPOL Annex II.
enumeration	8	The service with facility to receive chemical/Noxious liquid substances related waste/residue of the type "Category Y" as specified in MARPOL Annex II.
enumeration	9	The service with facility to receive chemical/Noxious liquid substances related waste/residue of the type "Category Z" as specified in MARPOL Annex II.
enumeration	10	The service with facility to receive chemical/Noxious liquid substances related waste/residue of the type "Other substance" as specified in MARPOL Annex II.
enumeration	11	The service with facility to receive waste/residue of the type "Sewage" as specified in MARPOL Annex IV.
enumeration	12	The service with facility to receive garbage related waste/residue of the type "Plastics", as specified in MARPOL Annex V
enumeration	13	The service with facility to receive garbage related waste/residue of the type "Food wastes", as specified in MARPOL Annex V
enumeration	14	The service with facility to receive garbage related waste/residue of the type "Domestic wastes", as specified in MARPOL Annex V
enumeration	15	The service with facility to receive garbage related waste/residue of the type "Cooking oil", as specified in MARPOL Annex V
enumeration	16	The service with facility to receive garbage related waste/residue of the type "Incinerator ashes", as specified in MARPOL Annex V
enumeration	17	The service with facility to receive garbage related waste/residue of the type "Operational wastes", as specified in MARPOL Annex V
enumeration	18	The service with facility to receive garbage related waste/residue of the type "Animal carcasses", as specified in MARPOL Annex V
enumeration	19	The service with facility to receive garbage related waste/residue of the type "Fishing gear", as specified in MARPOL Annex V
enumeration	20	The service with facility to receive garbage related waste/residue of the type "E-waste", as specified in MARPOL Annex V
enumeration	21	The service with facility to receive garbage related waste/residue of the type "Cargo residues not determined to be harmful to the marine environment", as specified in MARPOL Annex V
enumeration	22	The service with facility to receive garbage related waste/residue of the type "Cargo residues harmful to the marine environment", as specified in MARPOL Annex V
enumeration	23	The service with facility to receive air pollution related waste/residue of the type "Ozone-depleting substances" as specified in MARPOL Annex VI.
enumeration	24	The service with facility to receive air pollution related waste/residue of the type "Exhaust gas-cleaning residues" as specified in MARPOL Annex VI.
Used by	Complex Type	AvailablePortServices_wasteDisposalServiceType

Attribute actionOrActivityType / @code

Namespace	No namespace
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Type	actionOrActivityCode	
Properties	use:	optional
Facets		
	enumeration	1
		Carrying a qualified pilot as part of the vessel navigation team.
	enumeration	2
		Navigating a vessel into a port.
	enumeration	3
		Navigating a vessel out of a port.
	enumeration	4
		Attaching a vessel to a wharf or jetty.
	enumeration	5
		Detaching a vessel from a wharf or jetty.
	enumeration	6
		Attaching a vessel to the seabed by means of an anchor and cable.
	enumeration	7
		Detaching a vessel from the seabed by recovering an anchor and cable.
	enumeration	8
		Navigating a vessel along a route or through a narrow gap, such as under a bridge or through a lock.
	enumeration	9
		Navigating a vessel past another traveling broadly in the same direction.
	enumeration	10
		Providing details such as the name, location or intentions of a vessel.
	enumeration	11
		Loading or unloading cargo.
	enumeration	12
		Placing crew or passengers on shore.
	enumeration	13
		A signal or message warning of diving activity.
	enumeration	14
		Hunting or catching fish.
	enumeration	15
		Releasing anything into the sea; often ballast water; or spoil from dredging elsewhere.
	enumeration	16
		Navigating a vessel past another travelling broadly in the opposite direction.
	enumeration	17
		Discharge and uptake of ballast water.
	enumeration	18
		The removal or treatment of biofouling (accumulation of aquatic organisms including microfouling and macrofouling) from a ship's submerged surfaces, including hull and niche areas, conducted either in-water or during dry-docking. The process includes both proactive cleaning (periodic removal of microfouling) and reactive cleaning (removal of micro- and macrofouling as corrective action).
	enumeration	19
		The conduct of observational, sampling, or experimental activities by authorised personnel to collect scientific or environmental data, which may involve the deployment of scientific instruments, collection of biological or geological samples, or in-water survey operations.
	enumeration	20
		Organised recreational visitation and leisure activities in marine areas, including sight-seeing, wildlife observation, glass-bottom vessel tours, and guided nature excursions conducted by commercial or permitted operators.
	enumeration	21
		Structured activities conducted for training, awareness, or interpretive purposes involving groups or individuals learning about the marine environment, including guided educational programs, school activities, and field instruction conducted within designated marine areas.
	enumeration	22
		Inspection, repair, or upkeep of existing marine or coastal infrastructure such as wharves, piers, pipelines, moorings, subsea cables, navigational aids, or coastal protection structures, including minor works that do not expand the original footprint.
Used by	Complex Type	actionOrActivityType

Attribute actionOrActivityType / @codelistType

Namespace	No namespace	
Type	codelistTypeType	
Properties	fixed: openEnumeration	
Facets	enumeration	openEnumeration
	enumeration	openDictionary
	enumeration	closedDictionary
Used by	Complex Type	actionOrActivityType

Attribute actionOrActivityType / @otherValue

Namespace	No namespace	
Annotations	Only if an "extra" value is encoded	
Type	extraValueType	
Properties	content: simple	
Facets	pattern [a-zA-Z0-9]+([a-zA-Z0-9]+)*	
Used by	Complex Type	actionOrActivityType

Attribute rxNCode_actionOrActivityType / @code

Namespace	No namespace		
Type	rxNCode_actionOrActivityCode		
Properties	use: required		
Facets	enumeration	1	Carrying a qualified pilot as part of the vessel navigation team.
	enumeration	2	Navigating a vessel into a port.
	enumeration	3	Navigating a vessel out of a port.
	enumeration	4	Attaching a vessel to a wharf or jetty.
	enumeration	5	Detaching a vessel from a wharf or jetty.
	enumeration	6	Attaching a vessel to the seabed by means of an anchor and cable.
	enumeration	7	Detaching a vessel from the seabed by recovering an anchor and cable.
	enumeration	8	Navigating a vessel along a route or through a narrow gap, such as under a bridge or through a lock.
	enumeration	9	Navigating a vessel past another traveling broadly in the same direction.
	enumeration	10	Providing details such as the name, location or intentions of a vessel.
	enumeration	11	Loading or unloading cargo.
	enumeration	12	Placing crew or passengers on shore.
	enumeration	13	A signal or message warning of diving activity.
	enumeration	14	Hunting or catching fish.
	enumeration	15	Releasing anything into the sea; often ballast water; or spoil from dredging elsewhere.
	enumeration	16	Navigating a vessel past another travelling broadly in the opposite direction.
	enumeration	17	Discharge and uptake of ballast water.
	enumeration	18	The removal or treatment of biofouling (accumulation of aquatic organisms including microfouling and macrofouling) from a ship's submerged surfaces, including hull and niche areas, conducted either in-water or during dry-docking. The process includes both proactive

		cleaning (periodic removal of microfouling) and reactive cleaning (removal of micro- and macrofouling as corrective action).
enumeration	19	The conduct of observational, sampling, or experimental activities by authorised personnel to collect scientific or environmental data, which may involve the deployment of scientific instruments, collection of biological or geological samples, or in-water survey operations.
enumeration	20	Organised recreational visitation and leisure activities in marine areas, including sightseeing, wildlife observation, glass-bottom vessel tours, and guided nature excursions conducted by commercial or permitted operators.
enumeration	21	Structured activities conducted for training, awareness, or interpretive purposes involving groups or individuals learning about the marine environment, including guided educational programs, school activities, and field instruction conducted within designated marine areas.
enumeration	22	Inspection, repair, or upkeep of existing marine or coastal infrastructure such as wharves, piers, pipelines, moorings, subsea cables, navigational aids, or coastal protection structures, including minor works that do not expand the original footprint.
Used by	Complex Type	rxNCode_actionOrActivityType

Attribute categoryOfRxNType / @code

Namespace	No namespace		
Type	categoryOfRxNCode		
Properties	use: optional		
Facets	enumeration	1	The process of directing the movement of a craft from one point to another.
	enumeration	2	Transmitting and/or receiving electronic communication signals.
	enumeration	3	Pertaining to environmental protection.
	enumeration	4	Pertaining to wildlife protection.
	enumeration	5	Pertaining to security.
	enumeration	6	The agency or establishment for collecting duties, tolls.
	enumeration	7	Pertaining to cargo operations.
	enumeration	8	Pertaining to a place of safety or refuge.
	enumeration	9	The authority with responsibility for checking the validity of the health declaration of a vessel and for declaring free pratique.
	enumeration	10	Pertaining to natural resources or exploitation.
	enumeration	11	Person or corporation, owners of, or entrusted with or invested with the power of managing a port. May be called a Harbour Board, Port Trust, Port Commission, Harbour Commission, Marine Department.
	enumeration	12	An authority with responsibility for the control and movement of money.
	enumeration	13	The science, art, or practice of cultivating the soil, producing crops, and raising livestock and in varying degrees the preparation and marketing of the resulting products.
Used by	Complex Type	categoryOfRxNType	

Attribute categoryOfRxNType / @codelistType

Namespace	No namespace
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Type	codelistTypeType	
Properties	fixed: openEnumeration	
Facets	enumeration	openEnumeration Open enumeration
	enumeration	openDictionary Open dictionary
	enumeration	closedDictionary Closed Dictionary
Used by	Complex Type	categoryOfRxNType

Attribute categoryOfRxNType / @otherValue

Namespace	No namespace	
Annotations	Only if an "extra" value is encoded	
Type	extraValueType	
Properties	content: simple	
Facets	pattern [a-zA-Z0-9]+([a-zA-Z0-9]+)*	
Used by	Complex Type	categoryOfRxNType

Attribute rxNCode_categoryOfRxNCode / @code

Namespace	No namespace	
Type	rxNCode_categoryOfRxNCode	
Properties	use: required	
Facets	enumeration	1 The process of directing the movement of a craft from one point to another.
	enumeration	2 Transmitting and/or receiving electronic communication signals.
	enumeration	3 Pertaining to environmental protection.
	enumeration	4 Pertaining to wildlife protection.
	enumeration	5 Pertaining to security.
	enumeration	6 The agency or establishment for collecting duties, tolls.
	enumeration	7 Pertaining to cargo operations.
	enumeration	8 Pertaining to a place of safety or refuge.
	enumeration	9 The authority with responsibility for checking the validity of the health declaration of a vessel and for declaring free pratique.
	enumeration	10 Pertaining to natural resources or exploitation.
	enumeration	11 Person or corporation, owners of, or entrusted with or invested with the power of managing a port. May be called a Harbour Board, Port Trust, Port Commission, Harbour Commission, Marine Department.
	enumeration	12 An authority with responsibility for the control and movement of money.
	enumeration	13 The science, art, or practice of cultivating the soil, producing crops, and raising livestock and in varying degrees the preparation and marketing of the resulting products.
Used by	Complex Type	rxNCode_categoryOfRxNType

Attribute categoryOfVesselType / @code

Namespace	No namespace	
Type	categoryOfVesselCode	
Properties	use: optional	

Facets	enumeration	1	A vessel which is designed for carrying general cargo, e.g. boxes, sacks.
	enumeration	2	A vessel designed to carry ISO containers.
	enumeration	3	A vessel which is designed for carrying liquid goods, for example oil or water.
	enumeration	4	A vessel which is designed for carrying bulk goods, e.g. coal, ore or grain.
	enumeration	5	A day trip or cabin vessel constructed and equipped to carry more than 12 passengers.
	enumeration	6	A vessel designed to allow road vehicles to be driven on and off; often a ferry.
	enumeration	7	A vessel designed to carry refrigerated cargo.
	enumeration	8	A vessel that is used and equipped for the fishing of living aquatic resources.
	enumeration	9	A vessel which provides a service such as a tug, anchor handler, survey or supply vessel.
	enumeration	10	A vessel designed for the conduct of military operations.
	enumeration	11	Either a tug and tow, or any combination of a tug providing propulsion to barges or vessels secured ahead or alongside.
	enumeration	12	A combination of tug(s) and non-powered tow(s).
	enumeration	13	A pleasure boat or watercraft, or an excursion vessel used for short cruises such as whale watching.
	enumeration	14	An installation which is designed to float at all times and which is normally anchored in position when deployed in the offshore gas and oil industry.
	enumeration	15	An exploration or project installation with legs which can be raised and lowered. The legs are raised when the installation is re-positioned. When stationary the legs are lowered to the sea floor and the working platform is raised clear of the sea surface.
	enumeration	16	A vessel designed to carry large quantities of live animals.
	enumeration	17	A vessel used in fishing for pleasure or competition.
Used by	Complex Type	categoryOfVesselType	

Attribute categoryOfVesselType / @codelistType

Namespace	No namespace		
Type	codelistTypeType		
Properties	fixed: openEnumeration		
Facets	enumeration	openEnumeration	Open enumeration
	enumeration	openDictionary	Open dictionary
	enumeration	closedDictionary	Closed Dictionary
Used by	Complex Type	categoryOfVesselType	

Attribute categoryOfVesselType / @otherValue

Namespace	No namespace		
Annotations	Only if an "extra" value is encoded		
Type	extraValueType		
Properties	content: simple		
Facets	pattern [a-zA-Z0-9]+([a-zA-Z0-9]+)*		

Used by	Complex Type	categoryOfVesselType
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Attribute **Applicability_categoryOfVesselType / @code**

Namespace	No namespace		
Type	Applicability_categoryOfVesselCode		
Properties	use: optional		
Facets	enumeration	1	A vessel which is designed for carrying general cargo, e.g. boxes, sacks.
	enumeration	2	A vessel designed to carry ISO containers.
	enumeration	3	A vessel which is designed for carrying liquid goods, for example oil or water.
	enumeration	4	A vessel which is designed for carrying bulk goods, e.g. coal, ore or grain.
	enumeration	5	A day trip or cabin vessel constructed and equipped to carry more than 12 passengers.
	enumeration	6	A vessel designed to allow road vehicles to be driven on and off; often a ferry.
	enumeration	7	A vessel designed to carry refrigerated cargo.
	enumeration	8	A vessel that is used and equipped for the fishing of living aquatic resources.
	enumeration	9	A vessel which provides a service such as a tug, anchor handler, survey or supply vessel.
	enumeration	10	A vessel designed for the conduct of military operations.
	enumeration	11	Either a tug and tow, or any combination of a tug providing propulsion to barges or vessels secured ahead or alongside.
	enumeration	12	A combination of tug(s) and non-powered tow(s).
	enumeration	13	A pleasure boat or watercraft, or an excursion vessel used for short cruises such as whale watching.
	enumeration	14	An installation which is designed to float at all times and which is normally anchored in position when deployed in the offshore gas and oil industry.
	enumeration	15	An exploration or project installation with legs which can be raised and lowered. The legs are raised when the installation is re-positioned. When stationary the legs are lowered to the sea floor and the working platform is raised clear of the sea surface.
	enumeration	16	A vessel designed to carry large quantities of live animals.
	enumeration	17	A vessel used in fishing for pleasure or competition.
Used by	Complex Type	Applicability_categoryOfVesselType	

Attribute **securitySafetyEmergencyServiceType / @code**

Namespace	No namespace		
Type	securitySafetyEmergencyServiceCode		
Properties	use: optional		
Facets	enumeration	1	Organization keeping watch on shipping and coastal waters according to governmental law; normally the authority with responsibility for search and rescue.
	enumeration	2	The agency or establishment for collecting duties, tolls.
	enumeration	3	Office for reporting or obtaining information about sudden dangers to the environment such as spillage of polluting or hazardous substances.

	enumeration	4	An office or organisation for reporting or coordinating response to emergencies.
	enumeration	5	A place where a vessel is patrolled by a security service or stored in a secure lockup.
	enumeration	6	The authority controlling people entering a country.
	enumeration	7	The department of government, or civil force, charged with maintaining public order.
	enumeration	8	A unit responsible for promoting efficient organization of search and rescue services and for coordinating the conduct of search and rescue operations within a search and rescue region.
Used by	Complex Type	securitySafetyEmergencyServiceType	

Attribute **securitySafetyEmergencyServiceType** / @codelistType

Namespace	No namespace		
Type	codelistTypeType		
Properties	fixed: openEnumeration		
Facets	enumeration	openEnumeration	Open enumeration
	enumeration	openDictionary	Open dictionary
	enumeration	closedDictionary	Closed Dictionary
Used by	Complex Type	securitySafetyEmergencyServiceType	

Attribute **securitySafetyEmergencyServiceType** / @otherValue

Namespace	No namespace		
Annotations	Only if an "extra" value is encoded		
Type	extraValueType		
Properties	content: simple		
Facets	pattern	[a-zA-Z0-9]+ ([a-zA-Z0-9]+) *	
Used by	Complex Type	securitySafetyEmergencyServiceType	

Attribute **AvailablePortServices_securitySafetyEmergencyServiceType** / @code

Namespace	No namespace		
Type	AvailablePortServices_securitySafetyEmergencyServiceCode		
Properties	use: optional		
Facets	enumeration	1	Organization keeping watch on shipping and coastal waters according to governmental law; normally the authority with responsibility for search and rescue.
	enumeration	2	The agency or establishment for collecting duties, tolls.
	enumeration	3	Office for reporting or obtaining information about sudden dangers to the environment such as spillage of polluting or hazardous substances.
	enumeration	4	An office or organisation for reporting or coordinating response to emergencies.
	enumeration	5	A place where a vessel is patrolled by a security service or stored in a secure lockup.
	enumeration	6	The authority controlling people entering a country.
	enumeration	7	The department of government, or civil force, charged with maintaining public order.
	enumeration	8	A unit responsible for promoting efficient organization of search and rescue services

		and for coordinating the conduct of search and rescue operations within a search and rescue region.
Used by	Complex Type	AvailablePortServices_securitySafetyEmergencyServiceType

Attribute **transportConnectionType / @code**

Namespace	No namespace		
Type	transportConnectionCode		
Properties	use: optional		
Facets	enumeration	2	A small airport for the use of helicopters and some other vertical lift aircraft. Heliports typically contain one or more touchdown and liftoff areas and also have facilities such as fuel or hangars. In some larger towns and cities, customs facilities may also be available.
	enumeration	3	A small landing surface for helicopters, with minimal or no supporting installations or facilities.
	enumeration	4	Small boat with crew that may be hired for single journeys.
	enumeration	5	A building where buses and coaches regularly stop to take on and/or let off passengers, especially for long-distance travel.
	enumeration	6	A vessel for transporting passengers, vehicles, and/or goods across a stretch of water, especially as a regular service.
	enumeration	8	A limited access dual carriageway road specially designed for fast long-distance traffic and subject to special regulations concerning its use. It may have more than two lanes.
	enumeration	9	Large open or half decked boat.
	enumeration	11	The carriage of goods or passengers using navigable waterways such as canals, rivers, lakes, or other stretch of water that is not part of the sea.
	enumeration	12	The carriage of specified types of cargo between qualifying ports. The types of cargo and/or qualifying ports are generally specified by law or government regulation.
	enumeration	13	Specially designated commercially navigable routes in coastal, inland, and intracoastal waters, frequently as waterborne relievers to congested landside routes.
Used by	Complex Type	transportConnectionType	

Attribute **transportConnectionType / @codelistType**

Namespace	No namespace		
Type	codelistTypeType		
Properties	fixed: openEnumeration		
Facets	enumeration	openEnumeration	Open enumeration
	enumeration	openDictionary	Open dictionary
	enumeration	closedDictionary	Closed Dictionary
Used by	Complex Type	transportConnectionType	

Attribute **transportConnectionType / @otherValue**

Namespace	No namespace
Annotations	Only if an "extra" value is encoded
Type	extraValueType

Properties	content:	simple
Facets	pattern	[a-zA-Z0-9]+([a-zA-Z0-9]+)*
Used by	Complex Type	transportConnectionType

Attribute AvailablePortServices_transportConnectionType / @code

Namespace	No namespace		
Type	AvailablePortServices_transportConnectionCode		
Properties	use: optional		
Facets	enumeration	2	A small airport for the use of helicopters and some other vertical lift aircraft. Heliports typically contain one or more touchdown and liftoff areas and also have facilities such as fuel or hangars. In some larger towns and cities, customs facilities may also be available.
	enumeration	3	A small landing surface for helicopters, with minimal or no supporting installations or facilities.
	enumeration	4	Small boat with crew that may be hired for single journeys.
	enumeration	5	A building where buses and coaches regularly stop to take on and/or let off passengers, especially for long-distance travel.
	enumeration	6	A vessel for transporting passengers, vehicles, and/or goods across a stretch of water, especially as a regular service.
	enumeration	8	A limited access dual carriageway road specially designed for fast long-distance traffic and subject to special regulations concerning its use. It may have more than two lanes.
	enumeration	9	Large open or half decked boat.
	enumeration	11	The carriage of goods or passengers using navigable waterways such as canals, rivers, lakes, or other stretch of water that is not part of the sea.
	enumeration	12	The carriage of specified types of cargo between qualifying ports. The types of cargo and/or qualifying ports are generally specified by law or government regulation.
	enumeration	13	Specially designated commercially navigable routes in coastal, inland, and intracoastal waters, frequently as waterborne relievers to congested landside routes.
Used by	Complex Type	AvailablePortServices_transportConnectionType	