# Feature Catalogue

Package in package 'Model'

Feature Catalogue

Version 1.0 Phase 1.0 Proposed

kusal created on 28/01/2020. Last modified 28/01/2020

## GeospatialFeatures diagram

GML diagram in package 'Feature Catalogue'

GeospatialFeatures

Version 1.3

Jonathan Pritchard created on 19/06/2020. Last modified 19/06/2020



1. GeospatialFeatures

## Note

Note in package 'Feature Catalogue'

All Point Features Derive from this feature types (omitted here for clarity)

* Baseline Point
* Limit Point
* Boundary Point
* Contributing Point

Note

Version 1.0 Phase 1.0 Proposed

kusal created on 05/02/2020. Last modified 05/02/2020

Extends

## Note

Note in package 'Feature Catalogue'

All Line features (baselines, outer limits) derive from this feature type (omitted here for clarity)

* Baseline
* NormalBaseline
* StraightBaseline
* ArchipelagicBaseline
* LowTideElevationBaseline
* MouthOfRiversBaseline
* BayBaseline
* PortBaseline
* ReefBaseline
* Boundary
* InternationalBoundary
* Limit
* OuterLimitOfTheTerritorialSea
* OuterLimitOfTheContiguousZone
* OuterLimitOfTheExclusiveEconomicZone
* OuterLimitOfTheContinentalShelf
* OuterLimitOfTheRoadstead
* ConstructionLine

Note

Version 1.0 Phase 1.0 Proposed

kusal created on 05/02/2020. Last modified 06/02/2020

Extends

## Note

Note in package 'Feature Catalogue'

All Area features (Zones) derive from this feature type (omitted here for clarity)

* Zone
* TerritorialSea
* ContiguousZone
* ExclusiveEconomicZone
* ContinentalShelf
* Roadstead
* InternalWaters
* TheArea
* HighSeas
* ArchipelagicWaters
* Strait

Note

Version 1.0 Phase 1.0 Proposed

kusal created on 05/02/2020. Last modified 06/02/2020

Extends

## Text

Text in package 'Feature Catalogue'

Text

Version 1.0 Phase 1.0 Proposed

kusal created on 19/06/2020. Last modified 19/06/2020

Extends

## S-121 Features and Relationships diagram

Class diagram in package 'Feature Catalogue'

S-121 Features and Relationships

Version 7.0

jp created on 28/01/2020. Last modified 28/05/2020



1. S-121 Features and Relationships

## Governance

AssociationClass «Information Type» in package 'Feature Catalogue'

Governance

Version 1.0 Phase 1.0 Proposed

kusal created on 22/02/2020. Last modified 23/02/2020

| ATTRIBUTES |
| --- |
| label : Text Public  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |
| referenceNumber : Text Public  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |
| governanceTitle : Text Public  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |
| governanceDescription : Text Public  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |
| releasabilityType : ReleasabilityType Private  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |
| dateConsidered : date Public  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |
| dateApproved : date Public  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |
| dateIntroduced : date Public  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |
| featureName : FeatureName Public  [ Stereotype is «ComplexAttribute». Is static True. Containment is Not Specified. ] |

| ASSOCIATIONS | |
| --- | --- |
| Association (direction: Unspecified) Governance | |
| Source: Public governanceOf (AssociationClass) Governance «Information Type»  Cardinality: [0..\*] | Target: Public governanceFor (Class) Basic Administrative Unit «InformationType»  Cardinality: [0..\*] |

## PartyMembership

AssociationClass «InformationType» in package 'Feature Catalogue'

PartyMembership

Version 1.0 Phase 1.0 Proposed

kusal created on 23/02/2020. Last modified 23/02/2020

| ATTRIBUTES |
| --- |
| partyMembership : Double Public  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |

## Note

Note in package 'Feature Catalogue'

to simplify the diagram all associations with the source information type have not been included. Any geospatial feature type or information type has a 0..\* relationship with the source information type.

Note

Version 1.0 Phase 1.0 Proposed

kusal created on 05/02/2020. Last modified 05/02/2020

Extends

## Note

Note in package 'Feature Catalogue'

All Point Features Derive from this feature types (omitted here for clarity)

* Baseline Point
* Limit Point
* Boundary Point
* Contributing Point

Note

Version 1.0 Phase 1.0 Proposed

kusal created on 05/02/2020. Last modified 05/02/2020

Extends

## Note

Note in package 'Feature Catalogue'

All Line features (baselines, outer limits) derive from this feature type (omitted here for clarity)

* Baseline
* NormalBaseline
* StraightBaseline
* ArchipelagicBaseline
* LowTideElevationBaseline
* MouthOfRiversBaseline
* BayBaseline
* PortBaseline
* ReefBaseline
* Boundary
* InternationalBoundary
* Limit
* OuterLimitOfTheTerritorialSea
* OuterLimitOfTheContiguousZone
* OuterLimitOfTheExclusiveEconomicZone
* OuterLimitOfTheContinentalShelf
* OuterLimitOfTheRoadstead
* ConstructionLine

Note

Version 1.0 Phase 1.0 Proposed

kusal created on 05/02/2020. Last modified 06/02/2020

Extends

## Note

Note in package 'Feature Catalogue'

All Area features (Zones) derive from this feature type (omitted here for clarity)

* Zone
* TerritorialSea
* ContiguousZone
* ExclusiveEconomicZone
* ContinentalShelf
* Roadstead
* InternalWaters
* TheArea
* HighSeas
* ArchipelagicWaters
* Strait

Note

Version 1.0 Phase 1.0 Proposed

kusal created on 05/02/2020. Last modified 06/02/2020

Extends

## Note

Note in package 'Feature Catalogue'

MRN was inserted just for the OGC project. Its inclusion in S-101 v.1.1 would be subject to the creation of the section on persistent unique ids (and is likely to be optional)

Note

Version 1.0 Phase 1.0 Proposed

kusal created on 06/02/2020. Last modified 06/02/2020

Extends

## Text

Text in package 'Feature Catalogue'

Text

Version 8.0 Phase 1.0 Proposed

kusal created on 13/02/2020. Last modified 12/06/2020

Extends

## Starter Class Diagram diagram

Class diagram in package 'Feature Catalogue'

Starter Class Diagram

Version 1.0

kusal created on 28/01/2020. Last modified 28/01/2020



1. Starter Class Diagram

## AbstractGeographicFeatureType

Class «FeatureType» in package 'Feature Catalogue'

AbstractGeographicFeatureType

Version 1.0 Phase 1.0 Proposed

kusal created on 28/01/2020. Last modified 05/02/2020

| INCOMING STRUCTURAL RELATIONSHIPS |
| --- |
| Realization from «FeatureType» AbstractZoneType to «FeatureType» AbstractGeographicFeatureType  [ Direction is 'Source -> Destination'. ] |
| Realization from «FeatureType» AbstractLimitType to «FeatureType» AbstractGeographicFeatureType  [ Direction is 'Source -> Destination'. ] |
| Realization from «FeatureType» AbstractLocationType to «FeatureType» AbstractGeographicFeatureType  [ Direction is 'Source -> Destination'. ] |

| ATTRIBUTES |
| --- |
| mrn : Text Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |
| label : Text Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |
| collectionName : Text Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |
| featureName : FeatureName Public  Multiplicity: ( [0..\*], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «ComplexAttribute». Is static True. Containment is Not Specified. ] |
| context : Text Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |
| startLifespan : date Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |
| endLifespan : date Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |
| locationReference : LocationReference Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «ComplexAttribute». Is static True. Containment is Not Specified. ] |
| releasabilityType : ReleasabilityType Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |

| ASSOCIATIONS | |
| --- | --- |
| Association (direction: Unspecified) Geo Aggregation | |
| Source: Public composedOf (Class) AbstractGeographicFeatureType «FeatureType» | Target: Public consistsOf (Class) AbstractGeographicFeatureType «FeatureType»  Cardinality: [0..\*] |
| Association (direction: Unspecified) BAU | |
| Source: Public administrationOf (Class) AbstractGeographicFeatureType «FeatureType»  Cardinality: [0..\*] | Target: Public administrativeInformation (Class) Basic Administrative Unit «InformationType»  Cardinality: [0..\*] |
| Association (direction: Unspecified) AdditionalInformation | |
| Source: Public identifies (Class) AbstractGeographicFeatureType «FeatureType»  Cardinality: [1..\*] | Target: Public refersTo (Class) AdditionalSpatialInformation «InformationType»  Cardinality: [0..\*] |
| Association (direction: Unspecified) Geo Aggregation | |
| Source: Public composedOf (Class) AbstractGeographicFeatureType «FeatureType» | Target: Public consistsOf (Class) AbstractGeographicFeatureType «FeatureType»  Cardinality: [0..\*] |

## AbstractLimitType

Class «FeatureType» in package 'Feature Catalogue'

AbstractLimitType

Version 1.0 Phase 1.0 Proposed

kusal created on 28/01/2020. Last modified 06/02/2020

| OUTGOING STRUCTURAL RELATIONSHIPS |
| --- |
| Realization from «FeatureType» AbstractLimitType to «FeatureType» AbstractGeographicFeatureType  [ Direction is 'Source -> Destination'. ] |

| ATTRIBUTES |
| --- |
| interpolationType : Text Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |

## AbstractLocationType

Class «FeatureType» in package 'Feature Catalogue'

AbstractLocationType

Version 1.0 Phase 1.0 Proposed

kusal created on 28/01/2020. Last modified 06/02/2020

| OUTGOING STRUCTURAL RELATIONSHIPS |
| --- |
| Realization from «FeatureType» AbstractLocationType to «FeatureType» AbstractGeographicFeatureType  [ Direction is 'Source -> Destination'. ] |

| ATTRIBUTES |
| --- |
| interpolationType : Text Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |
| pointType : PointType Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |

## AbstractRRR

Class «InformationType» in package 'Feature Catalogue'

AbstractRRR

Version 1.0 Phase 1.0 Proposed

kusal created on 05/02/2020. Last modified 05/02/2020

| INCOMING STRUCTURAL RELATIONSHIPS |
| --- |
| Generalization from «InformationType» Responsibility to «InformationType» AbstractRRR  [ Direction is 'Source -> Destination'. ] |
| Generalization from «InformationType» Right to «InformationType» AbstractRRR  [ Direction is 'Source -> Destination'. ] |
| Generalization from «InformationType» Restriction to «InformationType» AbstractRRR  [ Direction is 'Source -> Destination'. ] |

| ATTRIBUTES |
| --- |
| rrrDescription : Text Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |
| rrrTimespec : Date Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |
| rrrShare : Double Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |

| ASSOCIATIONS | |
| --- | --- |
| Association (direction: Unspecified) RRR | |
| Source: Public administrationBy (Class) Basic Administrative Unit «InformationType»  Cardinality: [0..1] | Target: Public administrationOf (Class) AbstractRRR «InformationType»  Cardinality: [0..\*] |
| AssociationClass (direction: Unspecified) Membership | |
| Source: Public partyMember (Class) Party «InformationType»  Cardinality: [0..\*] | Target: Public administrationOf (Class) AbstractRRR «InformationType»  Cardinality: [0..\*] |

## AbstractZoneType

Class «FeatureType» in package 'Feature Catalogue'

AbstractZoneType

Version 1.0 Phase 1.0 Proposed

kusal created on 28/01/2020. Last modified 06/02/2020

| OUTGOING STRUCTURAL RELATIONSHIPS |
| --- |
| Realization from «FeatureType» AbstractZoneType to «FeatureType» AbstractGeographicFeatureType  [ Direction is 'Source -> Destination'. ] |

| ATTRIBUTES |
| --- |
| jurisdictionDomain : JurisdictionDomain Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |

## AdditionalSpatialInformation

Class «InformationType» in package 'Feature Catalogue'

AdditionalSpatialInformation

Version 1.0 Phase 1.0 Proposed

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| ATTRIBUTES |
| --- |
| locationReference : LocationReference Public  Multiplicity: ( [1..\*], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «ComplexAttribute». Is static True. Containment is Not Specified. ] |

| ASSOCIATIONS | |
| --- | --- |
| Association (direction: Unspecified) AdditionalInformation | |
| Source: Public identifies (Class) AbstractGeographicFeatureType «FeatureType»  Cardinality: [1..\*] | Target: Public refersTo (Class) AdditionalSpatialInformation «InformationType»  Cardinality: [0..\*] |

## Any

Class «FeatureType» in package 'Feature Catalogue'

Any

Version 1.0 Phase 1.0 Proposed

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| ASSOCIATIONS | |
| --- | --- |
| Association (direction: Unspecified) Source | |
| Source: Public source (Class) Source «InformationType»  Cardinality: [0..\*] | Target: Public sourceOf (Class) Any «FeatureType»  Cardinality: [1..\*] |

## Basic Administrative Unit

Class «InformationType» in package 'Feature Catalogue'

Basic Administrative Unit

Version 1.0 Phase 1.0 Proposed

kusal created on 28/01/2020. Last modified 05/02/2020

| ATTRIBUTES |
| --- |
| basicAdministrativeUnitName : Text Public  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |
| basicAdministrativeUnitType : Text Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |
| basicAdministrativeUnitContext : Text Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |

| ASSOCIATIONS | |
| --- | --- |
| Association (direction: Unspecified) RRR | |
| Source: Public administrationBy (Class) Basic Administrative Unit «InformationType»  Cardinality: [0..1] | Target: Public administrationOf (Class) AbstractRRR «InformationType»  Cardinality: [0..\*] |
| AssociationClass (direction: Unspecified) | |
| Source: Public (Class) Basic Administrative Unit «InformationType» | Target: Public (Class) Basic Administrative Unit «InformationType» |
| Association (direction: Unspecified) Governance | |
| Source: Public governanceOf (Class) Basic Administrative Unit «InformationType»  Cardinality: [0..1] | Target: Public governance (Class) Governance «InformationType»  Cardinality: [0..1] |
| AssociationClass (direction: Unspecified) | |
| Source: Public (Class) Basic Administrative Unit «InformationType» | Target: Public (Class) Basic Administrative Unit «InformationType» |
| Association (direction: Unspecified) PartyMembership | |
| Source: Public party (Class) Party «InformationType»  Cardinality: [0..\*] | Target: Public administrationBy (Class) Basic Administrative Unit «InformationType»  Cardinality: [0..\*] |
| Association (direction: Unspecified) | |
| Source: Public (Class) Governance «InformationType» | Target: Public (Class) Basic Administrative Unit «InformationType» |
| Association (direction: Unspecified) BAU | |
| Source: Public administrationOf (Class) AbstractGeographicFeatureType «FeatureType»  Cardinality: [0..\*] | Target: Public administrativeInformation (Class) Basic Administrative Unit «InformationType»  Cardinality: [0..\*] |
| Association (direction: Unspecified) Governance | |
| Source: Public governanceOf (AssociationClass) Governance «Information Type»  Cardinality: [0..\*] | Target: Public governanceFor (Class) Basic Administrative Unit «InformationType»  Cardinality: [0..\*] |

## c21

Class in package 'Feature Catalogue'

c21

Version 1.0 Phase 1.0 Proposed

kusal created on 21/02/2020. Last modified 21/02/2020

## FeatureName

Class «ComplexAttributeType» in package 'Feature Catalogue'

FeatureName

Version 1.0 Phase 1.0 Proposed

kusal created on 28/01/2020. Last modified 13/02/2020

| ATTRIBUTES |
| --- |
| displayName : boolean Private  [ Is static True. Containment is Not Specified. ] |
| Language : Text Private  [ Is static True. Containment is Not Specified. ] |
| Name : Text Private  [ Is static True. Containment is Not Specified. ] |

## Governance

Class «InformationType» in package 'Feature Catalogue'

Governance

Version 1.0 Phase 1.0 Proposed

kusal created on 28/01/2020. Last modified 05/02/2020

| ATTRIBUTES |
| --- |
| label : Text Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |
| referenceNumber : int Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |
| featureName : FeatureName Public  Multiplicity: ( [0..\*], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «ComplexAttribute». Is static True. Containment is Not Specified. ] |
| governanceTitle : Text Public  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |
| governanceDescription : Text Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |
| releasabilityType : ReleasabilityType Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |
| dateConsidered : date Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |
| dateApproved : date Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |
| dateIntroduced : date Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |

| ASSOCIATIONS | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Class) Governance «InformationType» | Target: Public (Class) Basic Administrative Unit «InformationType» |
| Association (direction: Unspecified) Governance | |
| Source: Public governanceOf (Class) Basic Administrative Unit «InformationType»  Cardinality: [0..1] | Target: Public governance (Class) Governance «InformationType»  Cardinality: [0..1] |

## Governance

AssociationClass «Information Type» in package 'Feature Catalogue'

Governance

Version 1.0 Phase 1.0 Proposed

kusal created on 22/02/2020. Last modified 23/02/2020

| ATTRIBUTES |
| --- |
| label : Text Public  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |
| referenceNumber : Text Public  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |
| governanceTitle : Text Public  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |
| governanceDescription : Text Public  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |
| releasabilityType : ReleasabilityType Private  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |
| dateConsidered : date Public  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |
| dateApproved : date Public  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |
| dateIntroduced : date Public  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |
| featureName : FeatureName Public  [ Stereotype is «ComplexAttribute». Is static True. Containment is Not Specified. ] |

| ASSOCIATIONS | |
| --- | --- |
| Association (direction: Unspecified) Governance | |
| Source: Public governanceOf (AssociationClass) Governance «Information Type»  Cardinality: [0..\*] | Target: Public governanceFor (Class) Basic Administrative Unit «InformationType»  Cardinality: [0..\*] |

## LocationReference

Class «ComplexAttributeType» in package 'Feature Catalogue'

LocationReference

Version 1.0 Phase 1.0 Proposed

kusal created on 05/02/2020. Last modified 13/02/2020

| ATTRIBUTES |
| --- |
| categoryOfLocation : CategoryOfLocation Public  [ Is static True. Containment is Not Specified. ] |
| locationByText : Text Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Is static True. Containment is Not Specified. ] |
| textLat : Text Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Is static True. Containment is Not Specified. ] |
| textLon : Text Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Is static True. Containment is Not Specified. ] |
| referenceSystem : Text Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Is static True. Containment is Not Specified. ] |

## Party

Class «InformationType» in package 'Feature Catalogue'

Party

Version 1.0 Phase 1.0 Proposed

kusal created on 28/01/2020. Last modified 05/02/2020

| ATTRIBUTES |
| --- |
| partyName : int Private  [ Is static True. Containment is Not Specified. ] |
| partyRole : int Private  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Is static True. Containment is Not Specified. ] |
| categoryOfParty : int Private  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Is static True. Containment is Not Specified. ] |
| partyGroupType : PartyGroupType Private  [ Is static True. Containment is Not Specified. ] |
| partyGroup : boolean Private  [ Is static True. Containment is Not Specified. ] |

| ASSOCIATIONS | |
| --- | --- |
| AssociationClass (direction: Unspecified) Membership | |
| Source: Public partyMember (Class) Party «InformationType»  Cardinality: [0..\*] | Target: Public administrationOf (Class) AbstractRRR «InformationType»  Cardinality: [0..\*] |
| Association (direction: Unspecified) | |
| Source: Public (Class) Party «InformationType» | Target: Public (AssociationClass) PartyMember «InformationType» |
| Association (direction: Unspecified) PartyMembership | |
| Source: Public party (Class) Party «InformationType»  Cardinality: [0..\*] | Target: Public administrationBy (Class) Basic Administrative Unit «InformationType»  Cardinality: [0..\*] |
| AssociationClass (direction: Unspecified) | |
| Source: Public group (Class) Party «InformationType»  Cardinality: [0..\*] | Target: Public member (Class) Party «InformationType»  Cardinality: [1..] |
| Association (direction: Unspecified) | |
| Source: Public (AssociationClass) PartyMember «InformationType» | Target: Public (Class) Party «InformationType» |
| AssociationClass (direction: Unspecified) | |
| Source: Public group (Class) Party «InformationType»  Cardinality: [0..\*] | Target: Public member (Class) Party «InformationType»  Cardinality: [1..] |

## Party

Class «InformationType» in package 'Feature Catalogue'

Party

Version 1.0 Phase 1.0 Proposed

kusal created on 05/02/2020. Last modified 21/02/2020

| ATTRIBUTES |
| --- |
| partyMembership : double Public  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |

| ASSOCIATIONS | |
| --- | --- |
| AssociationClass (direction: Unspecified) Aggregation | |
| Source: Public consistsOf (Class) Party «InformationType»  Cardinality: [0..\*] | Target: Public componentOf (Class) Party «InformationType»  Cardinality: [0..\*] |
| AssociationClass (direction: Unspecified) Aggregation | |
| Source: Public consistsOf (Class) Party «InformationType»  Cardinality: [0..\*] | Target: Public componentOf (Class) Party «InformationType»  Cardinality: [0..\*] |

## PartyMember

AssociationClass «InformationType» in package 'Feature Catalogue'

PartyMember

Version 1.0 Phase 1.0 Proposed

kusal created on 05/02/2020. Last modified 05/02/2020

| ATTRIBUTES |
| --- |
| partyShare : Double Private  [ Is static True. Containment is Not Specified. ] |

| ASSOCIATIONS | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (AssociationClass) PartyMember «InformationType» | Target: Public (Class) Party «InformationType» |
| Association (direction: Unspecified) | |
| Source: Public (Class) Party «InformationType» | Target: Public (AssociationClass) PartyMember «InformationType» |

## PartyMembership

AssociationClass «InformationType» in package 'Feature Catalogue'

PartyMembership

Version 1.0 Phase 1.0 Proposed

kusal created on 21/02/2020. Last modified 22/02/2020

| ATTRIBUTES |
| --- |
| partyMembership : double Private  [ Is static True. Containment is Not Specified. ] |

## PartyMembership

AssociationClass «InformationType» in package 'Feature Catalogue'

PartyMembership

Version 1.0 Phase 1.0 Proposed

kusal created on 23/02/2020. Last modified 23/02/2020

| ATTRIBUTES |
| --- |
| partyMembership : Double Public  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |

## releasabilityType

Class «DataType» in package 'Feature Catalogue'

releasabilityType

Version 1.0 Phase 1.0 Proposed

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## Responsibility

Class «InformationType» in package 'Feature Catalogue'

Responsibility

Version 1.0 Phase 1.0 Proposed

kusal created on 28/01/2020. Last modified 05/02/2020

| OUTGOING STRUCTURAL RELATIONSHIPS |
| --- |
| Generalization from «InformationType» Responsibility to «InformationType» AbstractRRR  [ Direction is 'Source -> Destination'. ] |

| ATTRIBUTES |
| --- |
| categoryOfResponsibility : CategoryOfResponsibility Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |

## Restriction

Class «InformationType» in package 'Feature Catalogue'

Restriction

Version 1.0 Phase 1.0 Proposed

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| OUTGOING STRUCTURAL RELATIONSHIPS |
| --- |
| Generalization from «InformationType» Restriction to «InformationType» AbstractRRR  [ Direction is 'Source -> Destination'. ] |

| ATTRIBUTES |
| --- |
| categoryOfRestriction : CategoryOfRestriction Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |

## Right

Class «InformationType» in package 'Feature Catalogue'

Right

Version 1.0 Phase 1.0 Proposed

kusal created on 28/01/2020. Last modified 05/02/2020

| OUTGOING STRUCTURAL RELATIONSHIPS |
| --- |
| Generalization from «InformationType» Right to «InformationType» AbstractRRR  [ Direction is 'Source -> Destination'. ] |

| ATTRIBUTES |
| --- |
| categoryOfRight : CategoryOfRight Public  Multiplicity: ( [0..1], Allow duplicates: 0, Is ordered: False )  [ Stereotype is «SimpleAttribute». Is static True. Containment is Not Specified. ] |

## Source

Class «InformationType» in package 'Feature Catalogue'

Source

Version 1.0 Phase 1.0 Proposed

kusal created on 28/01/2020. Last modified 05/02/2020

| ASSOCIATIONS | |
| --- | --- |
| Association (direction: Unspecified) Source | |
| Source: Public source (Class) Source «InformationType»  Cardinality: [0..\*] | Target: Public sourceOf (Class) Any «FeatureType»  Cardinality: [1..\*] |

## Text

Text in package 'Feature Catalogue'

Text

Version 1.0 Phase 1.0 Proposed

kusal created on 13/02/2020. Last modified 13/02/2020

Extends

## Text

Text in package 'Feature Catalogue'

Text

Version 1.0 Phase 1.0 Proposed

kusal created on 19/06/2020. Last modified 19/06/2020

Extends

## CategoryOfLocation

Enumeration in package 'Feature Catalogue'

CategoryOfLocation

Version 1.0 Phase 1.0 Proposed

kusal created on 05/02/2020. Last modified 13/02/2020

| ATTRIBUTES |
| --- |
| AdditionalSpatialInformation : Public  [ Stereotype is «enum». Is static True. Containment is Not Specified. ] |
| OriginalLocation : Public  [ Stereotype is «enum». Is static True. Containment is Not Specified. ] |
| OfficialLocation : Public  [ Stereotype is «enum». Is static True. Containment is Not Specified. ] |
| CommonLocation : Public  [ Stereotype is «enum». Is static True. Containment is Not Specified. ] |
| GlobalLocation : Public  [ Stereotype is «enum». Is static True. Containment is Not Specified. ] |
| WGS84Location : Public  [ Stereotype is «enum». Is static True. Containment is Not Specified. ] |

## CategoryOfResponsibility

Enumeration in package 'Feature Catalogue'

CategoryOfResponsibility

Version 1.0 Phase 1.0 Proposed

kusal created on 06/02/2020. Last modified 13/02/2020

| ATTRIBUTES |
| --- |
| Maintenance Responsibility : Public  [ Stereotype is «enum». Is static True. Containment is Not Specified. ] |

## CategoryOfRestriction

Enumeration in package 'Feature Catalogue'

CategoryOfRestriction

Version 1.0 Phase 1.0 Proposed

kusal created on 06/02/2020. Last modified 13/02/2020

| ATTRIBUTES |
| --- |
| Access Restriction : Public  [ Stereotype is «enum». Is static True. Containment is Not Specified. ] |
| Jurisdiction Restriction : Public  [ Stereotype is «enum». Is static True. Containment is Not Specified. ] |
| Passage Restriction : Public  [ Stereotype is «enum». Is static True. Containment is Not Specified. ] |
| Resource Restriction : Public  [ Stereotype is «enum». Is static True. Containment is Not Specified. ] |
| Time Based Restriction : Public  [ Stereotype is «enum». Is static True. Containment is Not Specified. ] |
| Use Restriction : Public  [ Stereotype is «enum». Is static True. Containment is Not Specified. ] |

## CategoryOfRight

Enumeration in package 'Feature Catalogue'

CategoryOfRight

Version 1.0 Phase 1.0 Proposed

kusal created on 06/02/2020. Last modified 13/02/2020

| ATTRIBUTES |
| --- |
| Sovereignty : Public  [ Stereotype is «enum». Is static True. Containment is Not Specified. ] |
| Soveriegn Right : Public  [ Stereotype is «enum». Is static True. Containment is Not Specified. ] |
| Access Right : Public  [ Stereotype is «enum». Is static True. Containment is Not Specified. ] |
| Easement Right : Public  [ Stereotype is «enum». Is static True. Containment is Not Specified. ] |
| Harvest Right : Public  [ Stereotype is «enum». Is static True. Containment is Not Specified. ] |
| Contiguous Right : Public  [ Stereotype is «enum». Is static True. Containment is Not Specified. ] |

## interpolationType

Enumeration in package 'Feature Catalogue'

interpolationType

Version 1.0 Phase 1.0 Proposed

kusal created on 05/02/2020. Last modified 05/02/2020

## JurisdictionDomain

Enumeration in package 'Feature Catalogue'

JurisdictionDomain

Version 1.0 Phase 1.0 Proposed

kusal created on 05/02/2020. Last modified 13/02/2020

| ATTRIBUTES |
| --- |
| Airspace : Public  [ Stereotype is «enum». Is static True. Containment is Not Specified. ] |
| Land Surface : Public  [ Stereotype is «enum». Is static True. Containment is Not Specified. ] |
| Water Surface : Public  [ Stereotype is «enum». Is static True. Containment is Not Specified. ] |
| Water Column : Public  [ Stereotype is «enum». Is static True. Containment is Not Specified. ] |
| Seabed Surface : Public  [ Stereotype is «enum». Is static True. Containment is Not Specified. ] |
| Subsoil : Public  [ Stereotype is «enum». Is static True. Containment is Not Specified. ] |

## PartyGroupType

Enumeration in package 'Feature Catalogue'

PartyGroupType

Version 1.0 Phase 1.0 Proposed

kusal created on 19/02/2020. Last modified 19/02/2020

| ATTRIBUTES |
| --- |
| Agreement : Public  [ Stereotype is «enum». Is static True. Containment is Not Specified. ] |
| Association : Public  [ Stereotype is «enum». Is static True. Containment is Not Specified. ] |

## pointType

Enumeration in package 'Feature Catalogue'

pointType

Version 1.0 Phase 1.0 Proposed

kusal created on 05/02/2020. Last modified 05/02/2020

| ATTRIBUTES |
| --- |
| defined : Public  [ Stereotype is «enum». Is static True. Containment is Not Specified. ] |
| computed : Public  [ Stereotype is «enum». Is static True. Containment is Not Specified. ] |

## PointType

Enumeration in package 'Feature Catalogue'

PointType

Version 1.0 Phase 1.0 Proposed

kusal created on 05/02/2020. Last modified 13/02/2020

| ATTRIBUTES |
| --- |
| defined : Public  [ Stereotype is «enum». Is static True. Containment is Not Specified. ] |
| computed : Public  [ Stereotype is «enum». Is static True. Containment is Not Specified. ] |

## releasabilityType

DataType in package 'Feature Catalogue'

releasabilityType

Version 1.0 Phase 1.0 Proposed

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## ReleasabilityType

Enumeration in package 'Feature Catalogue'

ReleasabilityType

Version 1.0 Phase 1.0 Proposed

kusal created on 05/02/2020. Last modified 13/02/2020

| ATTRIBUTES |
| --- |
| Official : Public  [ Stereotype is «enum». Is static True. Containment is Not Specified. ] |
| Internal : Public  [ Stereotype is «enum». Is static True. Containment is Not Specified. ] |
| Controlled : Public  [ Stereotype is «enum». Is static True. Containment is Not Specified. ] |

## releasabilityTypeType

Enumeration in package 'Feature Catalogue'

releasabilityTypeType

Version 1.0 Phase 1.0 Proposed

kusal created on 28/01/2020. Last modified 05/02/2020

| ATTRIBUTES |
| --- |
| Internal : Public  [ Stereotype is «enum». Is static True. Containment is Not Specified. ] |
| Official : Public  [ Stereotype is «enum». Is static True. Containment is Not Specified. ] |
| Controlled : Public  [ Stereotype is «enum». Is static True. Containment is Not Specified. ] |