Schema documentation for ivef0_2.xsd

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Namespace: "http://www.iala-to-be-confirmed.org/XMLSchema/IVEF/0.2.2"

Schemas

Main schema ivef0_2.xsd

Namespace	tp://www.iala-to-be-confirmed.org/XMLSchema/IVEF/0.2.2		
Properties	attribute form default: unqualified		
	element form default: qualified		
Schema location	file:/Volumes/share/Input/IVEF_1_0_0_DEV/IVEF-WG/ivef0_2.xsd		

Elements

Element MSG_IVEF

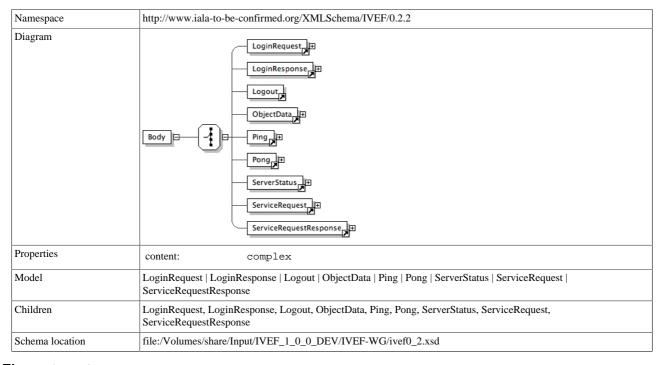
Namespace	http://www.iala-to-be-confirmed.org/XMLSchema/IVEF/0.2.2
Annotations	Root MESSAGE
Diagram	MSG_IVEF B Body B
Properties	content: complex
Model	Header , Body
Children	Body, Header

Schema location	file:/Volumes/share/Input/IVEF 1 0 0 DEV/IVEF-WG/ivef0 2.xsd	
Schema location	The./ v olumes/share/hiput/v Er_1_0_0_DE v/1 v Er- v G/1velo_2.xsd	

Element Header

Namespace	http://www.iala-to-be-confirmed.org/XMLSchema/IVEF/0.2.2				
Annotations	HEADER part of every message with version and uniqueness information				
Diagram	Header 🗈 @ Ver	gRefid estriction of 'xs:string' sion xs:string			
Properties	content:	complex			
Used by	Element	MSG_IVEF			
Attributes	QName	Type	Fixed	Default	Use
	MsgRefId	restriction of xs:string			required
	9834-8.) Reply mess are replying to. exadecimal digits,	ifier for each mess sages refer to this In its canonical fo displayed in 5 gro r a total of 36 cha	orm, a UUID Dups separated by		
	Version	xs:string 0.2.2 required			
		Defines the version of the protocol used. Syntax is major.minor.patch patch releases fix only bugs, minor releases may add functionality but are compatible, major releases are not compatible			
Schema location	file:/Volumes/share/Input/IVEF_1_0_0_DEV/IVEF-WG/ivef0_2.xsd				

Element MSG_IVEF/Body

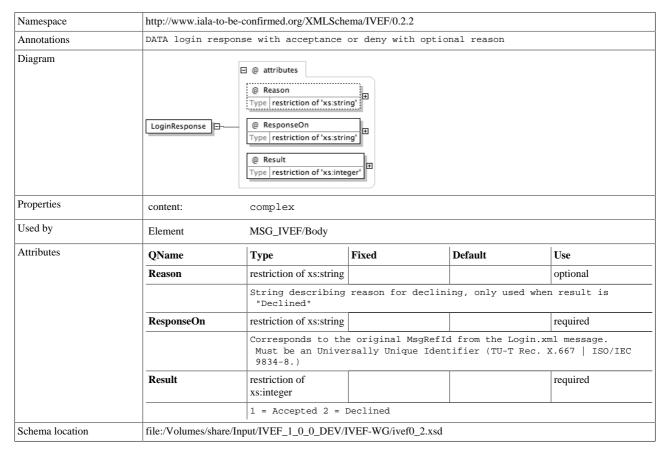


Element LoginRequest

Namespace	http://www.iala-to-be-confirmed.org/XMLSchema/IVEF/0.2.2
Annotations	DATA login message with details of the user

Diagram	LoginRequest □	attributes Encryption Type restriction of 'xs:integ Name Type restriction of 'xs:string Password Type restriction of 'xs:string			
Properties	content:	complex			
Used by	Element	MSG_IVEF/Body			
Attributes	QName	Туре	Fixed	Default	Use
	Encryption	restriction of xs:integer			required
		1 = plain 2 - 6 t	ne 5 most cor	mmon encryption 0 =	custom
	Name	restriction of xs:string			required
		Login name			
	Password	restriction of xs:string			required
		Password value			
Schema location	file:/Volumes/shar	re/Input/IVEF_1_0_0_DEV/	VEF-WG/ivef0	_2.xsd	

Element LoginResponse



Element Logout

Namespace	http://www.iala-to-be-confirmed.org/XMLSchema/IVEF/0.2.2		
Annotations	DATA logout message, the server will drop the connection if logout is successfull		
Diagram	Logout		

Used by	Element	MSG_IVEF/Body
Schema location	file:/Volumes/share/Inp	out/IVEF_1_0_0_DEV/IVEF-WG/ivef0_2.xsd

Element ObjectData

Namespace	http://www.iala-to-be-confirmed.org/XMLSchema/IVEF/0.2.2
Annotations	DATA regarding an object in the supliers domain, contains at least 1 one of the sub elements (TrackData, VesselData, VoyageData)
Diagram	TrackData VesselData UsselData O∞ VoyageData TaggedItem O∞
Properties	content: complex
Used by	Element MSG_IVEF/Body
Model	TrackData{0,1}, VesselData*, VoyageData*, TaggedItem*
Children	TaggedItem, TrackData, VesselData, VoyageData
Schema location	file:/Volumes/share/Input/IVEF_1_0_0_DEV/IVEF-WG/ivef0_2.xsd

Element TrackData

Namespace	http://www.iala-to-be-confirmed.org/XMLSchema/IVEF/0.2.2
Annotations	DATA describing a position report of an object

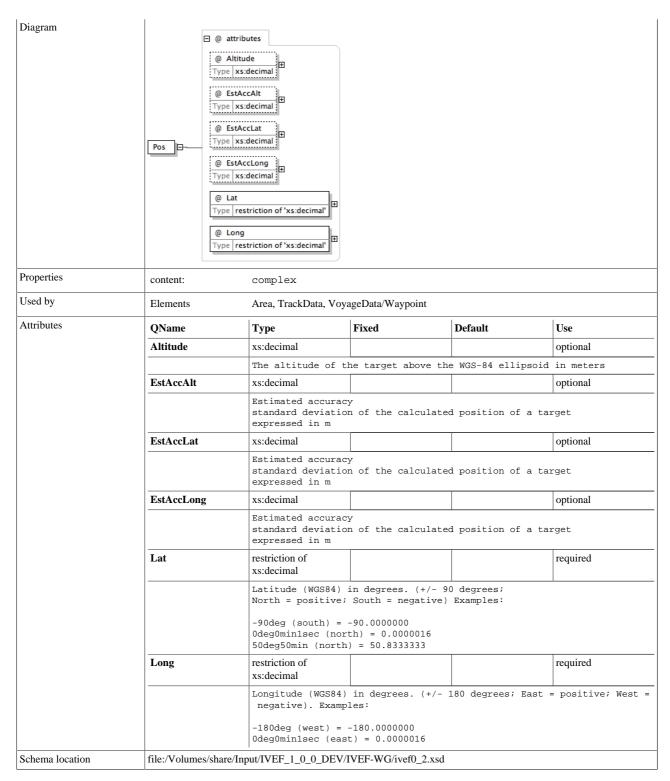
Diagram					
2 ingruii		a attributes			
		a COG	.		
	<u>T</u>	ype restriction of 'xs:decimal'	ΙΓ		
		@ EstAccSOG ype xs:decimal			
		@ EstAccCOG ⊞			
		ype xs:decimal			
		@ Id ype xs:integer			
		② Length ype restriction of 'xs:decimal'	±		
	,	a NavStatus	· 		
	500	ype restriction of 'xs:integer'			
		@ Heading ype restriction of 'xs:decimal'	₽		
		® ROT ype restriction of 'xs:decimal'	±		
		a SOG			
		ype restriction of 'xs:decimal'			
		ype restriction of 'xs:string'	Đ		
		@ SourceName ype restriction of 'xs:string'	Ð		
		© UpdateTime ype xs:dateTime			
		② TrackStatus	<u> </u>		
		ype restriction of 'xs:integer' a Width	Γ		
	-	restriction of 'xs:decimal'	±		
	-	Pos #			
Properties	content:	complex			
Jsed by	Element	ObjectData			
Model	Pos+				
Children	Pos				
Attributes	QName	Туре	Fixed	Default	Use
	COG	restriction of xs:decimal	- mu	20111111	required
		Course over ground	d in dograpa (0	360)	
			a in acgrees. (0	300)	
	EstAccCOG				ontional
	EstAccCOG	xs:decimal Estimated accuracy standard deviation	n of the calcula	ted value	optional
		xs:decimal Estimated accuracy standard deviation expressed in degree	n of the calcula	ted value	1.^
	EstAccCOG EstAccSOG	xs:decimal Estimated accuracy standard deviation expressed in degree xs:decimal	n of the calcula ees	ted value	optional
		xs:decimal Estimated accuracy standard deviation expressed in degree	n of the calcula ees		1.^
		xs:decimal Estimated accuracy standard deviation expressed in degree xs:decimal Estimated accuracy standard deviation	n of the calcula ees		1.^
	EstAccSOG	xs:decimal Estimated accuracy standard deviation expressed in degree xs:decimal Estimated accuracy standard deviation expressed in m/s restriction of	n of the calcula ees Y n of the calcula		optional
	EstAccSOG	xs:decimal Estimated accuracy standard deviation expressed in degree xs:decimal Estimated accuracy standard deviation expressed in m/s restriction of xs:decimal	n of the calcula ees Y n of the calcula		optional

QName	Туре	Fixed	Default	Use		
Length	restriction of xs:decimal			optional		
	Measured length o	f the target in me	ter			
NavStatus	restriction of xs:integer			optional		
	10 = air-cushion displacement mod 11 = power driven 12 = power driven 13 = in distress 14 = AIS SART, se	mand noeuvrability by her draught shing ling shing other than to the sel in non le or WIG craft take to vessel towing ashor to requiring assisted the sel towing ashor requiring assisted to attract at the sel tower the sel tow	ing off, landing ern ead or towing al tance	_		
ROT	15 = undefined de restriction of xs:decimal	fault		optional		
	Rate of turn in degrees per minute					
SOG	restriction of xs:decimal			required		
	Speed over ground in meters per second					
SourceId	restriction of xs:string			optional		
	producers exist		, the local comp	n case multiple betent authority ca BE ANR 01 = Antwerp		
SourceName	restriction of xs:string			required		
	Identification of	the originator of	the data			
TrackStatus	restriction of xs:integer			required		
		sors are updating sensor is updating		1		
	xs:dateTime			required		
UpdateTime	Date and time in UTC format (YYYY-MM-DDThh:mm:ss.sssZ) (subs					
UpdateTime				ssz) (subset of 150		
UpdateTime Width				optional		

Element Pos

Schema location

Namespace	http://www.iala-to-be-confirmed.org/XMLSchema/IVEF/0.2.2				
Annotations	DATA position measurement of the geometrical centre of the object or location				



Element VesselData

Namespace	http://www.iala-to-be-confirmed.org/XMLSchema/IVEF/0.2.2
Annotations	DATA regarding static elements of an object

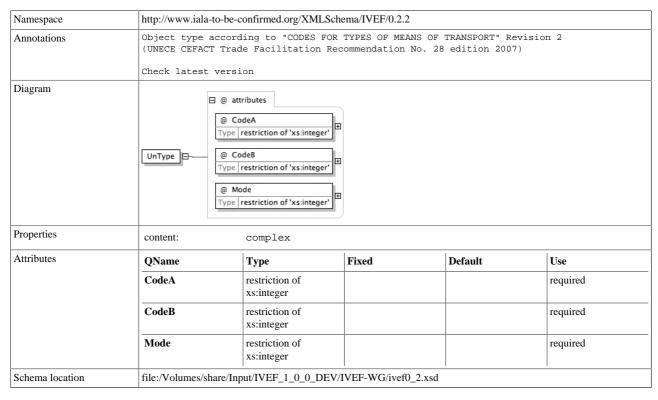
	1				
Diagram	Е	@ attributes			
	f-	@ Class			
	-	Type restriction of 'xs:integer'	±		
	1. In	O Madding 1	4		
		@ BlackListed Fype xs:boolean			
		@ Id Type xs:integer ⊕			
		@ SpecialAttention	<u> </u> ⊕		
		Type restriction of 'xs:string'	Γ		
	 	@ Sourceld Fype restriction of 'xs:string'	±		
		@ SourceName	' ±		
		Type restriction of 'xs:string'			
		@ SourceType	.		
	Ļ	Type restriction of 'xs:integer'	1		
	· · · · · · · · · · · · · · · · · · ·	@ UpdateTime			
	[Type xs:dateTime			
		Construction 🖪			
	· · · · · · · · · · · · · · · · · · ·)₽{ '	1		
		Identifier ⊞			
Properties	content:	complex			
Used by	Element	ObjectData			
Model	Construction{0,1}, I	dentifier{0,1}			
Children	Construction, Identif	ier			
Attributes	QName	Type	Fixed	Default	Use
	BlackListed	xs:boolean			optional
		Vessel is blackli	sted by a NCA		1
	Class	restriction of xs:integer			optional
		0 = Unknown 1 = Vessel			1
		2 = Aids to Navig	ate	1	
	Id	xs:integer			required
		_	fication of this v ckStatus!=Terminat inated		
	SourceId	restriction of xs:string			optional
		producers exist	tion of the produc on the same LOCODE ded this with a lo	, the local compet	ent authority can
	SourceName	restriction of xs:string			required
	1		the originator of	the data	1
		Identification of			
	SourceType	restriction of			required
	SourceType	restriction of xs:integer Source/originator	type: 1 = AIS tra	nsponder 2 = VTS P	•
		restriction of xs:integer Source/originator Operator 4 = Ext	type: 1 = AIS tra	nsponder 2 = VTS P	lan Server 3 =
	SourceType SpecialAttention	restriction of xs:integer Source/originator Operator 4 = Ext restriction of xs:string	type: 1 = AIS tra ernal source		lan Server 3 =
	SpecialAttention	restriction of xs:integer Source/originator Operator 4 = Ext restriction of xs:string Vessel is under s	type: 1 = AIS tra		lan Server 3 = optional ay authorities
		restriction of xs:integer Source/originator Operator 4 = Ext restriction of xs:string Vessel is under s xs:dateTime	type: 1 = AIS tra ernal source pecial attention o UTC format (YYYY-M	f the NCA or fairw	lan Server 3 = optional ay authorities required

Element VesselData/Construction

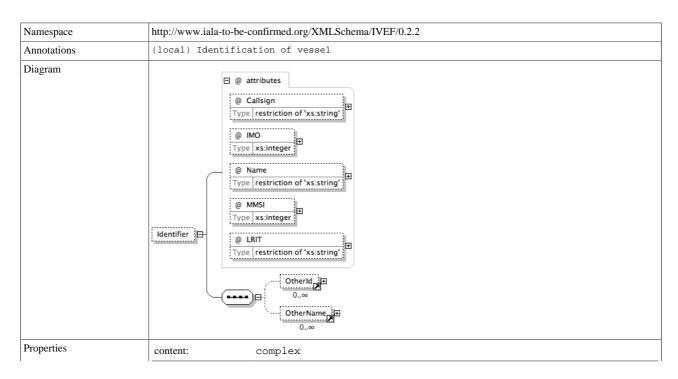
Namespace	http://www.iala-to-be-co	http://www.iala-to-be-confirmed.org/XMLSchema/IVEF/0.2.2				
Annotations	attributes of the	object regarding t	he physical constr	uction		
Diagram	Construction					
		Unitype H				
Properties	content:	complex				
	minOccurs:	0				
Model	UnType					
Children	UnType					
Attributes	QName	Туре	Fixed	Default	Use	
	HullColor	restriction of xs:string			optional	
			RGB hex) for SAR	operations		
	HullType	restriction of xs:integer			optional	
			single, 2 = double	e, 3 = triple)		
	Length	restriction of xs:decimal			optional	
		Length of the targ	get in meter as co	nfirmed by NCA		
	LloydsShipType	xs:integer			optional	
		Number indicating	type of vessel			
	MaxDraught	restriction of xs:decimal			optional	
		Maximum draught of not available	the object in me	ters, to be used i	f voyage data is	
	MaxKeelHeight	restriction of xs:decimal			optional	
		Maximum height of available	the object, to be	used if voyage da	ta is not	
	MaxPersonsOnBoard	restriction of xs:decimal			optional	
		The maximum number passengers, pilot	of persons on books)	ard of the object	(crew, support,	

	QName	Type	Fixed	Default	Use	
		The maximum speed load	the object is able	e to sustain with r	normal draft and	
	Width	restriction of xs:decimal			optional	
		Width of the target in meter as confirmed by the NCA				
Schema location	file:/Volumes/share/Input/IVEF_1_0_0_DEV/IVEF-WG/ivef0_2.xsd					

Element Construction/VesselData/UnType



Element VesselData/Identifier

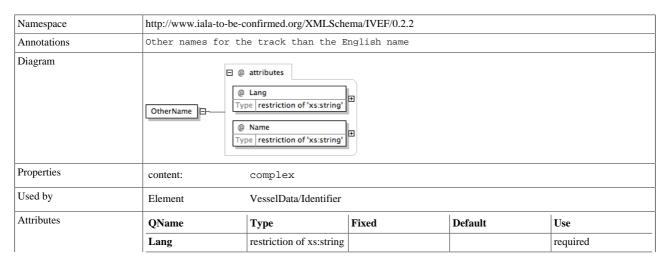


	minOccurs:	0				
Model	OtherId*, OtherN	ame*				
Children	OtherId, OtherNar	ne				
Attributes	QName	Туре	Fixed	Default	Use	
	Callsign	restriction of xs:string			optional	
		Callsign of the to the ITU Radio Re		ce with Article 19	, Section III of	
	IMO	xs:integer			optional	
		IMO number of the	target			
	LRIT	restriction of xs:string			optional	
		LRIT identification				
	MMSI	xs:integer			optional	
		MMSI number of the	e target			
	Name	restriction of xs:string			optional	
		Name of the targe	t			
Schema location	file:/Volumes/shar	re/Input/IVEF_1_0_0_DEV/I	IVEF-WG/ivef0_2.xsd			

Element OtherId

Namespace	http://www.iala-t	http://www.iala-to-be-confirmed.org/XMLSchema/IVEF/0.2.2					
Annotations		Other Id's for the track than the world wide international standard Identifiers, e.g. regional indentifiers like ENI					
Diagram	Otherid 🗗	OtherId OtherId Walue Type restriction of 'xs:string' Walue Type restriction of 'xs:string'					
Properties	content:	complex					
Used by	Element	VesselData/Identifier					
Attributes	QName	Туре	Fixed	Default	Use		
	Id	restriction of xs:string			required		
		Name of the Identi	fier	1	-		
	Value	restriction of xs:string			required		
		Value of the ident	ifier				
Schema location	file:/Volumes/sha	are/Input/IVEF_1_0_0_DEV/I	VEF-WG/ivef0)_2.xsd			

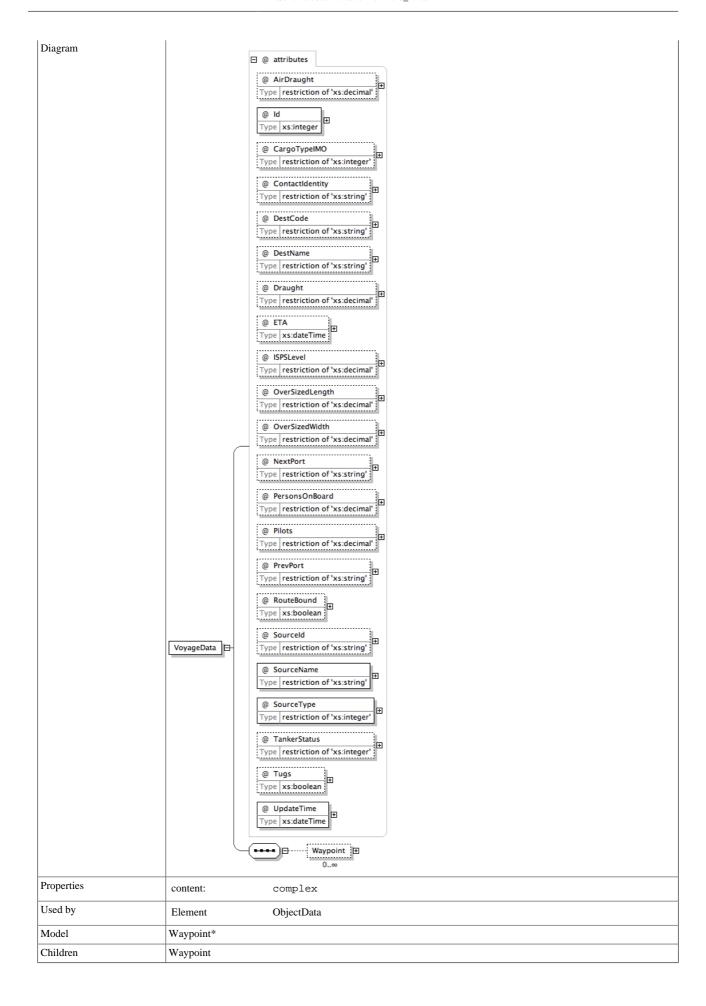
Element OtherName



	QName	Туре	Fixed	Default	Use	
		Languange (ISO 3166-1-alpha2)				
	Name	restriction of xs:string			required	
		Name in the foreign language				
Schema location	file:/Volumes/share/Input/IVEF_1_0_0_DEV/IVEF-WG/ivef0_2.xsd					

Element VoyageData

Namespace	http://www.iala-to-be-confirmed.org/XMLSchema/IVEF/0.2.2	
Annotations	DATA regarding a movement of a vessel servers domain	

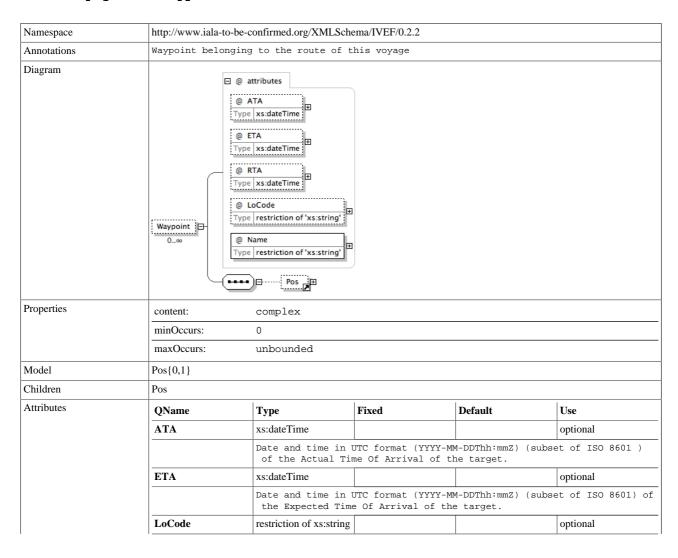


Attributes

QName	Type	Fixed	Default	Use
AirDraught	restriction of xs:decimal			optional
		t of the vessel in	matars	
CanacTruncIMO	restriction of	c or the vesser in	illecers	ontional
CargoTypeIMO	xs:integer			optional
	2 = Carrying DG, 1 3 = Carrying DG, 1 4 = Carrying DG, 1	this type HS, or MP, IMO haza	ard or pollutant ca ard or pollutant ca ard or pollutant ca	ategory B ategory C ategory D
ContactIdentity	restriction of xs:string			optional
	reference to the	identity associated	d with this object:	s voyage
DestCode	restriction of xs:string			optional
		e target (UN/LOCODI .g. BEANR017010049'		
DestName	restriction of xs:string			optional
	Destination name terminal	of the target e.g.	local code for be	rth/lock/bridge/
Draught	restriction of xs:decimal			optional
	Actual draught of	the vessel in mete	ers	
ETA	xs:dateTime			optional
		(subset of ISO 860) of the Expected T:		
ISPSLevel	restriction of xs:decimal			optional
	The ISPS level of exceptional)	the object (1 = no	ormal, 2 = heighter	nded, 3 =
Id	xs:integer			required
		fication of this vockStatus!=Terminateinated		
NextPort	restriction of xs:string			optional
	Next port of the	target (UN/LOCODE)		
OverSizedLength	restriction of xs:decimal			optional
	Length of the target of barges	get in meter as con	nfirmed by NCA, in	case of a convoy
OverSizedWidth	restriction of xs:decimal			optional
	Width of the targe convoy of barges	et in meter as conf	firmed by the NCA,	in case of a
PersonsOnBoard	restriction of xs:decimal			optional
		sons on board of the		equal the sum of
Pilots	restriction of xs:decimal			optional
	Pilot status 0 = unknown 1 = pilot on board 2 = object under 3 = pilot required	remote pilotage		
PrevPort	restriction of xs:string			optional
	Previous port of	the target (UN/LOCO	ODE)	
RouteBound	xs:boolean			optional
	This object is bo	und to the route of	f this voyage	

	QName	Type	Fixed	Default	Use	
	SourceId	restriction of xs:string			optional	
		producers exist of	on the same LOCODE	er (UN/LOCODE) in o , the local compete cal code (e.g. BE A	ent authority can	
	SourceName	restriction of xs:string			required	
		Identification of	the originator of	this data		
	SourceType	restriction of xs:integer			required	
		Source/originator type: 0 = unknown, 1 = transponder, 2 = database, manual, 4 = fused				
	TankerStatus	restriction of xs:integer			optional	
		Describes the stat 0 = Non gas free 1 = Gas free 2 = Inert	tus of the tanker			
	Tugs	xs:boolean			optional	
		Object uses tugs				
	UpdateTime	xs:dateTime			required	
		Date and time in (subset of ISO 8601) UTC format (YYYY-MM-DDThh:mm:ss.sssZ) this data was compiled				
Schema location	file:/Volumes/share/Inp	out/IVEF_1_0_0_DEV/I	VEF-WG/ivef0_2.xsd			

Element VoyageData/Waypoint



	QName	Type	Fixed	Default	Use	
		Waypoint name in UN/LOCODE optionally addended with local location code (e.g. BEANR0170100497 = Antwerp, HANSADOK 497)				
	Name	restriction of xs:string			required	
		Name of the waypoint				
	RTA	xs:dateTime			optional	
		Date and time in UTC format (YYYY-MM-DDThh:mmZ) (subset of ISO 8601) of the Requested Time Of Arrival of the target.				
Schema location	file:/Volumes/share/Inp	out/IVEF_1_0_0_DEV/I	VEF-WG/ivef0_2.xsd			

Element TaggedItem

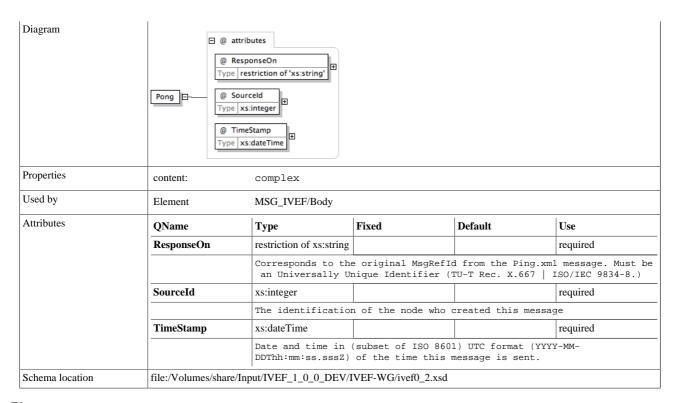
Namespace	http://www.iala-to	http://www.iala-to-be-confirmed.org/XMLSchema/IVEF/0.2.2				
Annotations	standard, pro	Generic key/value pairs, can be used to pass information that is not (yet) in the standard, provided server and user agree upon interface. E.g. Blue sign indication for inland waterways, references to voyage or vesseldata (URL)				
Diagram		@ attributes @ Key Type restriction of 'xs:string' @ Value				
Properties	content:	complex				
Used by	Element	ObjectData				
Attributes	QName	Туре	Fixed	Default	Use	
	Key	restriction of xs:string			required	
		Key for the tagged item				
	Value				required	
		Value of the tagge	ed item, can be of	any type	·	
Schema location	file:/Volumes/shar	file:/Volumes/share/Input/IVEF_1_0_0_DEV/IVEF-WG/ivef0_2.xsd				

Element Ping

Namespace	http://www.iala-to-	http://www.iala-to-be-confirmed.org/XMLSchema/IVEF/0.2.2			
Annotations	DATA alive mess	sage			
Diagram	Ping 🗈 🚇	TimeStamp			
Properties	content:	complex			
Used by	Element	MSG_IVEF/Body			
Attributes	QName	Туре	Fixed	Default	Use
	TimeStamp	xs:dateTime			required
			·	3601) UTC format (YY this message is ser	
Schema location	file:/Volumes/share/Input/IVEF_1_0_0_DEV/IVEF-WG/ivef0_2.xsd				

Element Pong

Namespace	http://www.iala-to-be-confirmed.org/XMLSchema/IVEF/0.2.2
Annotations	DATA alive response



Element ServerStatus

Namespace	http://www.iala-to-be	http://www.iala-to-be-confirmed.org/XMLSchema/IVEF/0.2.2					
Annotations	DATA describing	DATA describing the status of the server (full/available)					
Diagram	ServerStatus =	☐ @ attributes @ ContactIdentity Type restriction of 'xs:string'. ☐ Details Type restriction of 'xs:string'. ☐ Status Type xs:boolean ☐ Type Type					
Properties	content:	complex					
Used by	Element	MSG_IVEF/Body					
Attributes	QName	Туре	Fixed	Default	Use		
	ContactIdentity	restriction of xs:string			optional		
		reference to the	identity associate	d with this service	e		
	Details	restriction of xs:string			optional		
		Details of status					
	Status	xs:boolean			required		
		Status of the ser	ver (ok / not ok)				
Schema location	file:/Volumes/share/I	nput/IVEF_1_0_0_DEV/I	VEF-WG/ivef0_2.xsd				

Element ServiceRequest

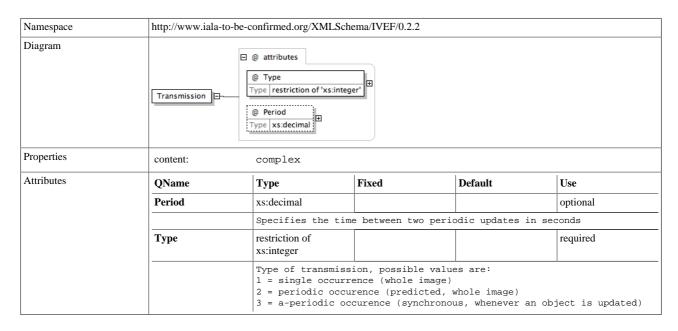
Namespace	http://www.iala-to-be-confirmed.org/XMLSchema/IVEF/0.2.2
Annotations	DATA describing the service a user requests

Diagram	Area □ 0∞ Transmission □
Properties	content: complex
Used by	Element MSG_IVEF/Body
Model	Area*, Transmission, Item*, Filter{0,1}
Children	Area, Filter, Item, Transmission
Schema location	file:/Volumes/share/Input/IVEF_1_0_0_DEV/IVEF-WG/ivef0_2.xsd

Element Area

Namespace	http://www.iala-to	http://www.iala-to-be-confirmed.org/XMLSchema/IVEF/0.2.2				
Annotations	Geographical 3	Geographical location based on one or more polygons				
Diagram	@	Name pe restriction of 'xs:string' Pos H 3				
Properties	content:	complex				
Used by	Element	Element ServiceRequest				
Model	Pos{3,unbounded	Pos{3,unbounded}				
Children	Pos	Pos				
Attributes	QName	Туре	Fixed	Default	Use	
	Name	restriction of xs:string			optional	
		Name of the area				
Schema location	file:/Volumes/sha	file:/Volumes/share/Input/IVEF_1_0_0_DEV/IVEF-WG/ivef0_2.xsd				

Element ServiceRequest/Transmission



Schema location file:/Volumes/share/Input/IVEF_1_0_0_DEV/IVEF-WG/ivef0_2.xsd	
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Element ServiceRequest/Item

Namespace	http://www.iala-to-be-confirmed.org/XMLSchema/IVEF/0.2.2				
Diagram	0∞ @ FieldS	elector triction of 'xs:integer'			
Properties	content:	complex			
	maxOccurs:	unbounded			
Attributes	QName	Type	Fixed	Default	Use
	DataSelector	restriction of xs:integer			required
	Describes requested Object data element, possible values: 1 = TrackData 2 = VesselData 3 = VoyageData				les:
	FieldSelector	restriction of xs:string			required
		TrackData, Vessel		of the items of ob a, to be changed in xed	-
Schema location	file:/Volumes/share/Inp	/Input/IVEF_1_0_0_DEV/IVEF-WG/ivef0_2.xsd			

Element ServiceRequest/Filter

Namespace	http://www.iala-to	o-be-confirmed.org/XMLSche	ema/IVEF/0.2.2		
Diagram	Filter 🗈 — @	attributes Predicate pe restriction of 'xs:string'			
Properties	content:	complex			
	minOccurs:	0			
Attributes	QName	Туре	Fixed	Default	Use
	Predicate	restriction of xs:string			required
		REC-xpath-19991116 A Filter must star and can not go be etc.) Examples: All objects: //Ob; All objects faster All objects named "Krieken"]] All objects headin of 20m: //ObjectI	f) rt with //ObjectDa eyond a single obj jectData r then 10 m/s: //O "Krieken": //Obje	ta (Filter alwects parameter bjectData[TracctData[VesselD	<pre>cata/Identifier[@Name = ch a max keelheigth uR0170100497]] AND //</pre>
Schema location	file:/Volumes/sha	re/Input/IVEF_1_0_0_DEV/I	VEF-WG/ivef0_2.xsd		

${\bf Element} \ {\tt ServiceRequestResponse}$

Namespace	http://www.iala-to-be-confirmed.org/XMLSchema/IVEF/0.2.2	
Annotations	DATA detailing the supliers response to the users service request	

Diagram	@ Reason Type restriction of 'xs:string' @ ResponseOn Type restriction of 'xs:string' @ Result Type restriction of 'xs:integer'					
Properties	content:	content: complex				
Used by	Element	Element MSG_IVEF/Body				
Attributes	QName	Туре	Fixed	Default	Use	
	Reason	restriction of xs:string			optional	
		String describing reason for declining, when result is "Declined", or a string describing the restrictions when the result is "Accepted with restrictions"				
	ResponseOn	restriction of xs:string			required	
		Corresponds to the original MsgRefId from the ServiceRequest message. Must be an Universally Unique Identifier (TU-T Rec. X.667 ISO/IEC 9834-8.)				
	Result	restriction of xs:integer			required	
		1 = Accepted, 2 = Declined, 3 = Accepted with restrictions				
Schema location	file:/Volumes/share/Inj	file:/Volumes/share/Input/IVEF_1_0_0_DEV/IVEF-WG/ivef0_2.xsd				