DQWG Review of S-122, S-123 and S-127 of the Feature Catalogues against the provided Validation schema's. (xsd files)

13 February 2020

Location of source files:
https://iho.int/en/standards-and-specifications

S-122: Marine Protected Areas (Edition 1.0.0 January 2019)
S-123: Marine Radio Services (Edition 1.0.0 January 2019)
S-127: Marine Traffic Management (Edition 1.0.0 December 2018)

Validation performed by Netherland Hydrographic Office (13 February 2020)

When clicking at https://iho.int/en/standards-and-specifications the user is re-directed to:
http://registry.iho.int/beta/productspec/view

Version Information		
Version	1.0.0 ⇕ Published	Uploader:Jeff Wootton/ S-122_EN_Marine Protected Area Product Specification_Ed1.0.0.zip Down
		Uploader:Jeff Wootton/ S-122_EN_MPA Product Specification_Ed1.0.0_App Schemas.zip Down
		Uploader:Jeff Wootton/ S-122AppD-1_EN_GMLFormat_Ed1.0.0.zip Down
		Uploader:Jeff Wootton/ S-122_EN_SampleData_Ed1.0.0.zip Down
Version Date	2019-01-15	
S-100 Version	3.0.0	
Feature Catalogue		Uploader:Jeff Wootton/ S-122_EN_MPA Product Specification_Feature Catalogue_Ed1.0.0.xml Down
Portrayal Catalogue		

For S-122, the information above is provided:

Version Information		
Version	1.0.0 ⇕ Published	Uploader:Jeff Wootton/ S-123_EN_Marine Radio Services Product Specification_Ed1.0.0.zip Down
		Uploader:Jeff Wootton/ S-123_EN_MPA Product Specification_Ed1.0.0_App Schemas.zip Down
		Uploader:Jeff Wootton/ S-123AppD-1_EN_GMLFormat_Ed1.0.0.zip Down
		Uploader:Jeff Wootton/ S-123_EN_SampleData_Ed1.0.0.zip Down
Version Date	2019-01-15	
S-100 Version	3.0.0	
Feature Catalogue		Uploader:Jeff Wootton/ S-123_EN_MRS Product Specification_Feature Catalogue_Ed1.0.0.xml Down
Portrayal Catalogue		

For S-123 the information above is provided:

Version Information		
Version	1.0.0 ⇕ **Published**	Uploader:Jeff Wootton/ S-127 Marine Traffic Management Product Specification_Edition 1.0.0.pdf Down
		Uploader:Jeff Wootton/ S-127 Edition 1.0.0 Appendices.zip Down
		Uploader:Jeff Wootton/ S-127 Edition 1.0.0_Schemas.zip Down
		Uploader:Jeff Wootton/ S-127 Edition 1.0.0_SampleData.zip Down
		Uploader:Jeff Wootton/ NPUB Application Schemas NOV2018.7z Down
Version file (.doc)		Uploader:Jeff Wootton/ S-127 Marine Traffic Management Product Specification_Edition 1.0.0.docx Down
Version Date	2018-12-01	
S-100 Version	4.0.0	
Feature Catalogue		Uploader:Jeff Wootton/ S-127 Edition 1.0.0_Appendix C-2_Feature Catalogue.zip Down
Portrayal Catalogue		

For S-127 the information above is provided:

The software developed by NLHO in support of the work of the DQWG aiming to cross-check automatically the feature catalogues of different S-1xx specifications, can validate the S-1xx Feature Catalogue against the provided Validation Schema (.xsd file format) as well as Validating the Validation Schema Files against each other (Validating the Validators). This software will be made available on both Windows and Apple platform on a collaborative wiki access.

This document is provides the result of the Validation test of S-122, S-123 and S-127 against its Validation Schema as well as the Validation of S-122, S-123 and S-127 against each other on Validation Level.

Overall results: 663 errors.

STEP 1: S-122 Feature Catalogue against its Validation Schema:

Chapter FeatureCatalogueBaseCheck
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(1) Warning - The SimpleType with the name 'applicationProfile' as defined in the feature catalogue does not exist in the schema
(2) Warning - The SimpleType with the name 'ballast' as defined in the feature catalogue does not exist in the schema
(3) Warning - The SimpleType with the name 'callName' as defined in the feature catalogue does not exist in the schema
(4) Warning - The SimpleType with the name 'callSign' as defined in the feature catalogue does not exist in the schema
(5) Warning - The SimpleType with the name 'categoryofShipReport' as defined in the feature catalogue does not exist in the schema
(6) Warning - The SimpleType with the name 'cityName' as defined in the feature catalogue does not exist in the schema
(7) Warning - The SimpleType with the name 'communicationChannel' as defined in the feature catalogue does not exist in the schema
(8) Warning - The SimpleType with the name 'contactInstructions' as defined in the feature catalogue does not exist in the schema
(9) Warning - The SimpleType with the name 'country' as defined in the feature catalogue does not exist in the schema
(10) Warning - The SimpleType with the name 'dayOfWeekIsRange' as defined in the feature catalogue does not exist in the schema
(11) Warning - The SimpleType with the name 'dateEnd' as defined in the feature catalogue does not exist in the schema
(12) Warning - The SimpleType with the name 'dateFixed' as defined in the feature catalogue does not exist in the schema
(13) Warning - The SimpleType with the name 'dateStart' as defined in the feature catalogue does not exist in the schema
(14) Warning - The SimpleType with the name 'dateVariable' as defined in the feature catalogue does not exist in the schema
(15) Warning - The SimpleType with the name 'deliveryPoint' as defined in the feature catalogue does not exist in the schema
(16) Warning - The SimpleType with the name 'directionUncertainty' as defined in the feature catalogue does not exist in the schema
(17) Warning - The SimpleType with the name 'displayName' as defined in the feature catalogue does not exist in the schema
(18) Warning - The SimpleType with the name 'distance' as defined in the feature catalogue does not exist in the schema
(19) Warning - The SimpleType with the name 'fileLocator' as defined in the feature catalogue does not exist in the schema
(20) Warning - The SimpleType with the name 'fileReference' as defined in the feature catalogue does not exist in the schema
(21) Warning - The SimpleType with the name 'fixedDate' as defined in the feature catalogue does not exist in the schema
(22) Warning - The SimpleType with the name 'flipBearing' as defined in the feature catalogue does not exist in the schema
(23) Warning - The SimpleType with the name 'frequencyShoreStationReceives' as defined in the feature catalogue does not exist in the schema
(24) Warning - The SimpleType with the name 'frequencyShoreStationTransmits' as defined in the feature catalogue does not exist in the schema
(25) Warning - The SimpleType with the name 'headline' as defined in the feature catalogue does not exist in the schema
(26) Warning - The SimpleType with the name 'horizontalDistanceUncertainty' as defined in the feature catalogue does not exist in the schema
(27) Warning - The SimpleType with the name 'horizontalLength' as defined in the feature catalogue does not exist in the schema
(28) Warning - The SimpleType with the name 'imoFormatForReporting' as defined in the feature catalogue does not exist in the schema
(29) Warning - The SimpleType with the name 'language' as defined in the feature catalogue does not exist in the schema
(30) Warning - The SimpleType with the name 'linkage' as defined in the feature catalogue does not exist in the schema
(31) Warning - The SimpleType with the name 'mMSICode' as defined in the feature catalogue does not exist in the schema
(32) Warning - The SimpleType with the name 'noticeTimeHours' as defined in the feature catalogue does not exist in the schema
(33) Warning - The SimpleType with the name 'noticeTimeText' as defined in the feature catalogue does not exist in the schema

(34) Warning - The SimpleType with the name 'name' as defined in the feature catalogue does not exist in the schema
(35) Warning - The SimpleType with the name 'nameOfResource' as defined in the feature catalogue does not exist in the schema
(36) Warning - The SimpleType with the name 'onlineDescription' as defined in the feature catalogue does not exist in the schema
(37) Warning - The SimpleType with the name 'orientationUncertainty' as defined in the feature catalogue does not exist in the schema
(38) Warning - The SimpleType with the name 'pictureCaption' as defined in the feature catalogue does not exist in the schema
(39) Warning - The SimpleType with the name 'pictureInformation' as defined in the feature catalogue does not exist in the schema
(40) Warning - The SimpleType with the name 'postalCode' as defined in the feature catalogue does not exist in the schema
(41) Warning - The SimpleType with the name 'protocol' as defined in the feature catalogue does not exist in the schema
(42) Warning - The SimpleType with the name 'protocolRequest' as defined in the feature catalogue does not exist in the schema
(43) Warning - The SimpleType with the name 'reportedDate' as defined in the feature catalogue does not exist in the schema
(44) Warning - The SimpleType with the name 'scaleMaximum' as defined in the feature catalogue does not exist in the schema
(45) Warning - The SimpleType with the name 'scaleMinimum' as defined in the feature catalogue does not exist in the schema
(46) Warning - The SimpleType with the name 'telecommunicationIdentifier' as defined in the feature catalogue does not exist in the schema
(47) Warning - The SimpleType with the name 'telcomCarrier' as defined in the feature catalogue does not exist in the schema
(48) Warning - The SimpleType with the name 'thicknessOfIceCapability' as defined in the feature catalogue does not exist in the schema
(49) Warning - The SimpleType with the name 'timeOfDayEnd' as defined in the feature catalogue does not exist in the schema
(50) Warning - The SimpleType with the name 'timeOfDayStart' as defined in the feature catalogue does not exist in the schema
(51) Warning - The SimpleType with the name 'uncertaintyFixed' as defined in the feature catalogue does not exist in the schema
(52) Warning - The SimpleType with the name 'uncertaintyVariable' as defined in the feature catalogue does not exist in the schema
(53) Warning - The SimpleType with the name 'vesselsCharacteristicsValue' as defined in the feature catalogue does not exist in the schema
(54) Warning - The SimpleType with the name 'vesselPerformance' as defined in the feature catalogue does not exist in the schema
(55) Warning - The SimpleType with the name 'qualityOfHorizontalMeasurement' as defined in the feature catalogue does not exist in the schema
(56) Warning - The SimpleType with the name 'maximumDisplayScale' as defined in the feature catalogue does not exist in the schema
(57) Warning - The SimpleType with the name 'minimumDisplayScale' as defined in the feature catalogue does not exist in the schema
(58) Warning - The SimpleType with the name 'orientationValue' as defined in the feature catalogue does not exist in the schema
(59) Warning - The SimpleType with the name 'periodicDateEnd' as defined in the feature catalogue does not exist in the schema
(60) Warning - The SimpleType with the name 'periodicDateStart' as defined in the feature catalogue does not exist in the schema
(61) Warning - The SimpleType with the name 'pictorialRepresentation' as defined in the feature catalogue does not exist in the schema
(62) Warning - The SimpleType with the name 'sectorBearing' as defined in the feature catalogue does not exist in the schema
(63) Warning - The SimpleType with the name 'sourceDate' as defined in the feature catalogue does not exist in the schema
(64) Warning - The SimpleType with the name 'variableDate' as defined in the feature catalogue does not exist in the schema
(65) Warning - The Role with the name 'theApplicableRxN' as defined in the feature catalogue does not exist in the schema
(66) Warning - The Role with the name 'appliesInLocation' as defined in the feature catalogue does not exist in the schema
(67) Warning - The Role with the name 'theAuthority' as defined in the feature catalogue does not exist in the schema
(68) Warning - The Role with the name 'theAuthority_srvHrs' as defined in the feature catalogue does not exist in the schema
(69) Warning - The Role with the name 'theContactDetails' as defined in the feature catalogue does not exist in the schema
(70) Warning - The Role with the name 'controlAuthority' as defined in the feature catalogue does not exist in the schema

(71) Warning - The Role with the name 'controlledService' as defined in the feature catalogue does not exist in the schema
(72) Warning - The Role with the name 'definedFor' as defined in the feature catalogue does not exist in the schema
(73) Warning - The Role with the name 'defines' as defined in the feature catalogue does not exist in the schema
(74) Warning - The Role with the name 'identifies' as defined in the feature catalogue does not exist in the schema
(75) Warning - The Role with the name 'informationProvidedFor' as defined in the feature catalogue does not exist in the schema
(76) Warning - The Role with the name 'isApplicableTo' as defined in the feature catalogue does not exist in the schema
(77) Warning - The Role with the name 'theInformation' as defined in the feature catalogue does not exist in the schema
(78) Warning - The Role with the name 'theMarineProtectedArea' as defined in the feature catalogue does not exist in the schema
(79) Warning - The Role with the name 'theOrganisation' as defined in the feature catalogue does not exist in the schema
(80) Warning - The Role with the name 'partialWorkingDay' as defined in the feature catalogue does not exist in the schema
(81) Warning - The Role with the name 'permission' as defined in the feature catalogue does not exist in the schema
(82) Warning - The Role with the name 'mustBeFiledBy' as defined in the feature catalogue does not exist in the schema
(83) Warning - The Role with the name 'positions' as defined in the feature catalogue does not exist in the schema
(84) Warning - The Role with the name 'providesInformation' as defined in the feature catalogue does not exist in the schema
(85) Warning - The Role with the name 'reptForLocation' as defined in the feature catalogue does not exist in the schema
(86) Warning - The Role with the name 'reportTo' as defined in the feature catalogue does not exist in the schema
(87) Warning - The Role with the name 'responsibleAuthority' as defined in the feature catalogue does not exist in the schema
(88) Warning - The Role with the name 'theRxN' as defined in the feature catalogue does not exist in the schema
(89) Warning - The Role with the name 'theServiceHours' as defined in the feature catalogue does not exist in the schema
(90) Warning - The Role with the name 'theServiceHours_nsdy' as defined in the feature catalogue does not exist in the schema
(91) Warning - The Role with the name 'theShipReport' as defined in the feature catalogue does not exist in the schema
(92) Warning - The Role with the name 'reptForTrafficServ' as defined in the feature catalogue does not exist in the schema
(93) Warning - The Role with the name 'vslLocation' as defined in the feature catalogue does not exist in the schema
(94) Warning - The InformationAssociation with the name 'additionalInformation' as defined in the feature catalogue does not exist in the schema
(95) Warning - The InformationAssociation with the name 'authorityContact' as defined in the feature catalogue does not exist in the schema
(96) Warning - The InformationAssociation with the name 'authorityHours' as defined in the feature catalogue does not exist in the schema
(97) Warning - The InformationAssociation with the name 'associatedRxN' as defined in the feature catalogue does not exist in the schema
(98) Warning - The InformationAssociation with the name 'exceptionalWorkday' as defined in the feature catalogue does not exist in the schema
(99) Warning - The InformationAssociation with the name 'protectedAreaAuthority' as defined in the feature catalogue does not exist in the schema
(100) Warning - The InformationAssociation with the name 'relatedOrganisation' as defined in the feature catalogue does not exist in the schema
(101) Warning - The InformationAssociation with the name 'reptAuthority' as defined in the feature catalogue does not exist in the schema
(102) Warning - The InformationAssociation with the name 'reportReqmt' as defined in the feature catalogue does not exist in the schema
(103) Warning - The InformationAssociation with the name 'srvControl' as defined in the feature catalogue does not exist in the schema
(104) Warning - The InformationAssociation with the name 'spatialAssociation' as defined in the feature catalogue does not exist in the schema
(105) Warning - The InformationAssociation with the name 'trafficServRept' as defined in the feature catalogue does not exist in the schema
(106) Warning - The FeatureAssociation with the name 'textAssociation' as defined in the feature catalogue does not exist in the schema

Chapter SimpleTypes

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(107) Warning - ISO639-3 is not defined in the feature catalogue
(108) Warning - ISO639-2 is not defined in the feature catalogue
(109) Warning - ISO3166-alpha2 is not defined in the feature catalogue
(110) Warning - Decimal0.0To360.0 is not defined in the feature catalogue
(111) Warning - NonNegativeDecimal is not defined in the feature catalogue
(112) Warning - NonNegativeDecimal.1 is not defined in the feature catalogue
(113) Warning - multiplicityOfLightsType is not defined in the feature catalogue
(114) Error - Enumeration-value 'category of cargo liquid' is not defined for SimpleType 'categoryOfCargoType'
(115) Error - categoryOfShipReportType is spelled with a different set of upper- and lower case characters ('categoryOfShipReportType' where it should be 'categoryofShipReport')
(116) Error - Enumeration-value 'logical disjunction' is not defined for SimpleType 'logicalConnectivesType'
(117) Error - Enumeration-value 'localTime' is not defined for SimpleType 'timeReferenceType'
(118) Error - Enumeration-value 'synchronized' is not defined for SimpleType 'statusType'
(119) Error - Enumeration-value 'Class 1: Division 1.6' is not defined for SimpleType 'categoryOfDangerousOrHazardousCargoType'
(120) Warning - QUAPOS is using the alias-value in the feature catalogue instead of the code-value
(121) Error - Enumeration-value 'reported (not confirmed)' is not defined for SimpleType 'QUAPOSType'

Chapter ComplexTypes

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(122) Warning - S100_TruncatedDate is not defined in the feature catalogue
(123) Warning - PointOrSurface is not defined in the feature catalogue
(124) Warning - CurveOrSurface is not defined in the feature catalogue
(125) Warning - PointCurveSurface is not defined in the feature catalogue
(126) Warning - PointOrCurve is not defined in the feature catalogue
(127) Warning - GM_Point is not defined in the feature catalogue
(128) Warning - GM_Curve is not defined in the feature catalogue
(129) Warning - GM_Surface is not defined in the feature catalogue
(130) Warning - PermissionType is found in the feature catalogue as an 'InformationAssociation' but the schema has assigned it to a different basetype (InformationTypeType)
(131) Warning - InclusionType is found in the feature catalogue as an 'InformationAssociation' but the schema has assigned it to a different basetype (InformationTypeType)
(132) Warning - ComplexType 'frequencyPairType' has more attributes then whats defined in the catalogue
(133) Error - Attribute 'frequencyShoreStationReceives' in ComplexType 'frequencyPairType' its maxOccurs value is not equal to the catalogue (unbounded vs 1)
(134) Error - Attribute 'frequencyShoreStationTransmits' in ComplexType 'frequencyPairType' its maxOccurs value is not equal to the catalogue (unbounded vs 1)
(135) Error - Element 'dayOfWeekIsRange' is not defined for ComplexType 'tmIntervalsByDoW'

(136) Error - Attribute 'comparisonOperator' in ComplexType 'vesselsMeasurementsType' its minOccurs value is not equal to the catalogue (1 vs 0)

(137) Error - Attribute 'vesselsCharacteristics' in ComplexType 'vesselsMeasurementsType' its minOccurs value is not equal to the catalogue (1 vs 0)

(138) Error - Attribute vesselsCharacteristicsValue of type 'vesselsMeasurementsType' has an invalid type with respect to the catalogue (xs:string vs real)

(139) Error - Attribute 'vesselsCharacteristicsValue' in ComplexType 'vesselsMeasurementsType' its minOccurs value is not equal to the catalogue (1 vs 0)

(140) Error - Attribute 'vesselsCharacteristicsUnit' in ComplexType 'vesselsMeasurementsType' its minOccurs value is not equal to the catalogue (1 vs 0)

(141) Error - Attribute distance of type 'bearingInformationType' has an invalid type with respect to the catalogue (xs:string vs real)

(142) Error - Attribute orientationUncertainty of type 'orientationType' has an invalid type with respect to the catalogue (xs:string vs real)

(143) Error - Attribute 'dateStart' in ComplexType 'surveyDateRangeType' its minOccurs value is not equal to the catalogue (1 vs 0)

(144) Warning - QualityOfNonBathymetricData is found in the feature catalogue as an 'FeatureType' but the schema has assigned it to a different basetype (QualityOfTemporalVariationType)

(145) Warning - DatasetType is not defined in the feature catalogue

(146) Warning - MemberType is not defined in the feature catalogue

(147) Warning - IMemberType is not defined in the feature catalogue

(148) Warning - GenericFeatureType is not defined in the feature catalogue

STEP 2: S-123 Feature Catalogue against its Validation Schema:

Chapter FeatureCatalogueBaseCheck
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(1) Warning - The SimpleType with the name 'administrativeDivision' as defined in the feature catalogue does not exist in the schema
(2) Warning - The SimpleType with the name 'applicationProfile' as defined in the feature catalogue does not exist in the schema
(3) Warning - The SimpleType with the name 'ballast' as defined in the feature catalogue does not exist in the schema
(4) Warning - The SimpleType with the name 'callName' as defined in the feature catalogue does not exist in the schema
(5) Warning - The SimpleType with the name 'callSign' as defined in the feature catalogue does not exist in the schema
(6) Warning - The SimpleType with the name 'cityName' as defined in the feature catalogue does not exist in the schema
(7) Warning - The SimpleType with the name 'communicationChannel' as defined in the feature catalogue does not exist in the schema
(8) Warning - The SimpleType with the name 'contactInstructions' as defined in the feature catalogue does not exist in the schema
(9) Warning - The SimpleType with the name 'country' as defined in the feature catalogue does not exist in the schema
(10) Warning - The SimpleType with the name 'dayOfWeekIsRange' as defined in the feature catalogue does not exist in the schema
(11) Warning - The SimpleType with the name 'dateEnd' as defined in the feature catalogue does not exist in the schema
(12) Warning - The SimpleType with the name 'dateFixed' as defined in the feature catalogue does not exist in the schema
(13) Warning - The SimpleType with the name 'dateStart' as defined in the feature catalogue does not exist in the schema
(14) Warning - The SimpleType with the name 'dateVariable' as defined in the feature catalogue does not exist in the schema
(15) Warning - The SimpleType with the name 'deliveryPoint' as defined in the feature catalogue does not exist in the schema
(16) Warning - The SimpleType with the name 'directionUncertainty' as defined in the feature catalogue does not exist in the schema
(17) Warning - The SimpleType with the name 'displayName' as defined in the feature catalogue does not exist in the schema
(18) Warning - The SimpleType with the name 'distance' as defined in the feature catalogue does not exist in the schema
(19) Warning - The SimpleType with the name 'drumSpeed' as defined in the feature catalogue does not exist in the schema
(20) Warning - The SimpleType with the name 'estimatedRangeOfTransmission' as defined in the feature catalogue does not exist in the schema
(21) Warning - The SimpleType with the name 'fileLocator' as defined in the feature catalogue does not exist in the schema
(22) Warning - The SimpleType with the name 'fileReference' as defined in the feature catalogue does not exist in the schema
(23) Warning - The SimpleType with the name 'fixedDate' as defined in the feature catalogue does not exist in the schema
(24) Warning - The SimpleType with the name 'flipBearing' as defined in the feature catalogue does not exist in the schema
(25) Warning - The SimpleType with the name 'frequencyShoreStationReceives' as defined in the feature catalogue does not exist in the schema
(26) Warning - The SimpleType with the name 'frequencyShoreStationTransmits' as defined in the feature catalogue does not exist in the schema
(27) Warning - The SimpleType defined in the feature catalogue as 'function' is defined in the XML Schema as 'functionType'
(28) Warning - The SimpleType with the name 'headline' as defined in the feature catalogue does not exist in the schema
(29) Warning - The SimpleType with the name 'horizontalDistanceUncertainty' as defined in the feature catalogue does not exist in the schema
(30) Warning - The SimpleType with the name 'indexOfCooperation' as defined in the feature catalogue does not exist in the schema
(31) Warning - The SimpleType with the name 'isMRCC' as defined in the feature catalogue does not exist in the schema
(32) Warning - The SimpleType with the name 'language' as defined in the feature catalogue does not exist in the schema
(33) Warning - The SimpleType with the name 'languageInformation' as defined in the feature catalogue does not exist in the schema

(34) Warning - The SimpleType with the name 'linkage' as defined in the feature catalogue does not exist in the schema
(35) Warning - The SimpleType with the name 'mMSICode' as defined in the feature catalogue does not exist in the schema
(36) Warning - The SimpleType with the name 'minutePastEvenHours' as defined in the feature catalogue does not exist in the schema
(37) Warning - The SimpleType with the name 'minutePastEveryHour' as defined in the feature catalogue does not exist in the schema
(38) Warning - The SimpleType with the name 'minutePastOddHours' as defined in the feature catalogue does not exist in the schema
(39) Warning - The SimpleType with the name 'name' as defined in the feature catalogue does not exist in the schema
(40) Warning - The SimpleType with the name 'nameOfResource' as defined in the feature catalogue does not exist in the schema
(41) Warning - The SimpleType with the name 'nationality' as defined in the feature catalogue does not exist in the schema
(42) Warning - The SimpleType with the name 'observationTime' as defined in the feature catalogue does not exist in the schema
(43) Warning - The SimpleType with the name 'onlineDescription' as defined in the feature catalogue does not exist in the schema
(44) Warning - The SimpleType with the name 'orientationUncertainty' as defined in the feature catalogue does not exist in the schema
(45) Warning - The SimpleType with the name 'pictureCaption' as defined in the feature catalogue does not exist in the schema
(46) Warning - The SimpleType with the name 'pictureInformation' as defined in the feature catalogue does not exist in the schema
(47) Warning - The SimpleType with the name 'postalCode' as defined in the feature catalogue does not exist in the schema
(48) Warning - The SimpleType with the name 'protocol' as defined in the feature catalogue does not exist in the schema
(49) Warning - The SimpleType with the name 'protocolRequest' as defined in the feature catalogue does not exist in the schema
(50) Warning - The SimpleType with the name 'reportedDate' as defined in the feature catalogue does not exist in the schema
(52) Warning - The SimpleType with the name 'scaleMaximum' as defined in the feature catalogue does not exist in the schema
(53) Warning - The SimpleType with the name 'scaleMinimum' as defined in the feature catalogue does not exist in the schema
(53) Warning - The SimpleType with the name 'signalFrequency' as defined in the feature catalogue does not exist in the schema
(54) Warning - The SimpleType with the name 'telecommunicationIdentifier' as defined in the feature catalogue does not exist in the schema
(55) Warning - The SimpleType with the name 'telcomCarrier' as defined in the feature catalogue does not exist in the schema
(56) Warning - The SimpleType with the name 'thicknessOfIceCapability' as defined in the feature catalogue does not exist in the schema
(57) Warning - The SimpleType with the name 'timeOfDayEnd' as defined in the feature catalogue does not exist in the schema
(58) Warning - The SimpleType with the name 'timeOfDayStart' as defined in the feature catalogue does not exist in the schema
(59) Warning - The SimpleType with the name 'transmissionContent' as defined in the feature catalogue does not exist in the schema
(60) Warning - The SimpleType with the name 'transmissionPower' as defined in the feature catalogue does not exist in the schema
(61) Warning - The SimpleType with the name 'transmissionTime' as defined in the feature catalogue does not exist in the schema
(62) Warning - The SimpleType with the name 'uncertaintyFixed' as defined in the feature catalogue does not exist in the schema
(63) Warning - The SimpleType with the name 'uncertaintyVariable' as defined in the feature catalogue does not exist in the schema
(64) Warning - The SimpleType with the name 'vesselsCharacteristicsValue' as defined in the feature catalogue does not exist in the schema
(65) Warning - The SimpleType with the name 'vesselPerformance' as defined in the feature catalogue does not exist in the schema
(66) Warning - The SimpleType with the name 'qualityOfHorizontalMeasurement' as defined in the feature catalogue does not exist in the schema
(67) Warning - The SimpleType with the name 'maximumDisplayScale' as defined in the feature catalogue does not exist in the schema
(68) Warning - The SimpleType with the name 'minimumDisplayScale' as defined in the feature catalogue does not exist in the schema
(69) Warning - The SimpleType with the name 'orientationValue' as defined in the feature catalogue does not exist in the schema
(70) Warning - The SimpleType with the name 'periodicDateEnd' as defined in the feature catalogue does not exist in the schema

(71) Warning - The SimpleType with the name 'periodicDateStart' as defined in the feature catalogue does not exist in the schema
(72) Warning - The SimpleType with the name 'pictorialRepresentation' as defined in the feature catalogue does not exist in the schema
(73) Warning - The SimpleType with the name 'sectorBearing' as defined in the feature catalogue does not exist in the schema
(74) Warning - The SimpleType with the name 'selectiveCallNumber' as defined in the feature catalogue does not exist in the schema
(75) Warning - The SimpleType with the name 'sourceDate' as defined in the feature catalogue does not exist in the schema
(76) Warning - The SimpleType with the name 'txTrafficList' as defined in the feature catalogue does not exist in the schema
(77) Warning - The SimpleType with the name 'variableDate' as defined in the feature catalogue does not exist in the schema
(78) Warning - The Role with the name 'theApplicableRxN' as defined in the feature catalogue does not exist in the schema
(79) Warning - The Role with the name 'appliesInLocation' as defined in the feature catalogue does not exist in the schema
(80) Warning - The Role with the name 'theAuthority' as defined in the feature catalogue does not exist in the schema
(81) Warning - The Role with the name 'theAuthority_srvHrs' as defined in the feature catalogue does not exist in the schema
(82) Warning - The Role with the name 'componentOf' as defined in the feature catalogue does not exist in the schema
(83) Warning - The Role with the name 'consistsOf' as defined in the feature catalogue does not exist in the schema
(84) Warning - The Role with the name 'theContactDetails' as defined in the feature catalogue does not exist in the schema
(85) Warning - The Role with the name 'controlAuthority' as defined in the feature catalogue does not exist in the schema
(86) Warning - The Role with the name 'controlledService' as defined in the feature catalogue does not exist in the schema
(87) Warning - The Role with the name 'definedFor' as defined in the feature catalogue does not exist in the schema
(88) Warning - The Role with the name 'defines' as defined in the feature catalogue does not exist in the schema
(89) Warning - The Role with the name 'theInformation' as defined in the feature catalogue does not exist in the schema
(90) Warning - The Role with the name 'identifies' as defined in the feature catalogue does not exist in the schema
(91) Warning - The Role with the name 'informationProvidedFor' as defined in the feature catalogue does not exist in the schema
(92) Warning - The Role with the name 'isApplicableTo' as defined in the feature catalogue does not exist in the schema
(93) Warning - The Role with the name 'location_srvHrs' as defined in the feature catalogue does not exist in the schema
(94) Warning - The Role with the name 'theOrganisation' as defined in the feature catalogue does not exist in the schema
(95) Warning - The Role with the name 'partialWorkingDay' as defined in the feature catalogue does not exist in the schema
(96) Warning - The Role with the name 'positions' as defined in the feature catalogue does not exist in the schema
(97) Warning - The Role with the name 'permission' as defined in the feature catalogue does not exist in the schema
(98) Warning - The Role with the name 'providesInformation' as defined in the feature catalogue does not exist in the schema
(99) Warning - The Role with the name 'theRxN' as defined in the feature catalogue does not exist in the schema
(100) Warning - The Role with the name 'serviceArea' as defined in the feature catalogue does not exist in the schema
(101) Warning - The Role with the name 'theServiceHours' as defined in the feature catalogue does not exist in the schema
(102) Warning - The Role with the name 'theServiceHours_nsdy' as defined in the feature catalogue does not exist in the schema
(103) Warning - The Role with the name 'servicePlace' as defined in the feature catalogue does not exist in the schema
(104) Warning - The Role with the name 'serviceProvider' as defined in the feature catalogue does not exist in the schema
(105) Warning - The Role with the name 'vslLocation' as defined in the feature catalogue does not exist in the schema
(106) Warning - The InformationAssociation with the name 'additionalInformation' as defined in the feature catalogue does not exist in the schema
(107) Warning - The InformationAssociation with the name 'authorityContact' as defined in the feature catalogue does not exist in the schema

(108) Warning - The InformationAssociation with the name 'authorityHours' as defined in the feature catalogue does not exist in the schema
(109) Warning - The InformationAssociation with the name 'associatedRxN' as defined in the feature catalogue does not exist in the schema
(110) Warning - The InformationAssociation with the name 'exceptionalWorkday' as defined in the feature catalogue does not exist in the schema
(111) Warning - The InformationAssociation with the name 'locationHours' as defined in the feature catalogue does not exist in the schema
(112) Warning - The InformationAssociation with the name 'relatedOrganisation' as defined in the feature catalogue does not exist in the schema
(113) Warning - The InformationAssociation with the name 'srvContact' as defined in the feature catalogue does not exist in the schema
(114) Warning - The InformationAssociation with the name 'srvControl' as defined in the feature catalogue does not exist in the schema
(115) Warning - The InformationAssociation with the name 'spatialAssociation' as defined in the feature catalogue does not exist in the schema
(116) Warning - The FeatureAssociation with the name 'coreAggregation' as defined in the feature catalogue does not exist in the schema
(117) Warning - The FeatureAssociation with the name 'fuzzyZoneAggregation' as defined in the feature catalogue does not exist in the schema
(118) Warning - The FeatureAssociation with the name 'serviceProvisionArea' as defined in the feature catalogue does not exist in the schema
(119) Warning - The FeatureAssociation with the name 'textAssociation' as defined in the feature catalogue does not exist in the schema
(120) Warning - The FeatureType with the name 'BUISGL' as defined in the feature catalogue does not exist in the schema

Chapter SimpleTypes
----
(121) Error - Enumeration-value 'category of cargo liquid' is not defined for SimpleType 'categoryOfCargoType'
(122) Error - Enumeration-value 'Class 1: Division 1.6' is not defined for SimpleType 'categoryOfDangerousOrHazardousCargoType'
(123) Error - Enumeration-value 'NBDP Telegraphy (Narrow Band Direct Printing Telegraphy)' is not defined for SimpleType 'categoryOfRadioMethodsType'
(124) Error - Enumeration-value 'Chaika (Chayka)' is not defined for SimpleType 'categoryOfRadioStationType'
(125) Warning - Decimal0.0To360.0 is not defined in the feature catalogue
(126) Warning - ISO3166-alpha2 is not defined in the feature catalogue
(127) Warning - ISO639-2 is not defined in the feature catalogue
(128) Warning - ISO639-3 is not defined in the feature catalogue
(129) Warning - jurisdictionType is not defined in the feature catalogue
(130) Error - Enumeration-value 'logical disjunction' is not defined for SimpleType 'logicalConnectivesType'
(131) Warning - minutesOfHourType is not defined in the feature catalogue
(132) Warning - multiplicityOfLightsType is not defined in the feature catalogue
(133) Warning - NonNegativeDecimal is not defined in the feature catalogue
(134) Warning - NonNegativeDecimal.1 is not defined in the feature catalogue
(135) Warning - QUAPOS is using the alias-value in the feature catalogue instead of the code-value
(136) Error - Enumeration-value 'reported (not confirmed)' is not defined for SimpleType 'QUAPOSType'
(137) Error - Enumeration-value 'synchronized' is not defined for SimpleType 'statusType'
(138) Error - Enumeration-value 'localTime' is not defined for SimpleType 'timeReferenceType'

Chapter ComplexTypes
----

(139) Error - Attribute distance of type 'bearingInformationType' has an invalid type with respect to the catalogue (xs:string vs real)

(140) Warning - BuildingType is not defined in the feature catalogue

(141) Warning - CurveOrSurface is not defined in the feature catalogue

(142) Warning - DatasetType is not defined in the feature catalogue

(143) Warning - GM_Curve is not defined in the feature catalogue

(144) Warning - GM_Point is not defined in the feature catalogue

(145) Warning - GM_Surface is not defined in the feature catalogue

(146) Warning - IMemberType is not defined in the feature catalogue

(147) Warning - InclusionType is found in the feature catalogue as an 'InformationAssociation' but the schema has assigned it to a different basetype (InformationTypeType)

(148) Warning - MemberType is not defined in the feature catalogue

(149) Error - Attribute orientationUncertainty of type 'orientationType' has an invalid type with respect to the catalogue (xs:string vs real)

(150) Warning - PermissionType is found in the feature catalogue as an 'InformationAssociation' but the schema has assigned it to a different basetype (InformationTypeType)

(151) Warning - PointCurveSurface is not defined in the feature catalogue

(152) Warning - PointOrCurve is not defined in the feature catalogue

(153) Warning - PointOrSurface is not defined in the feature catalogue

(154) Error - Attribute 'signalFrequency' in ComplexType 'radiocommunicationsType' its maxOccurs value is not equal to the catalogue (unbounded vs 1)

(155) Error - Attribute 'signalFrequency' in ComplexType 'radioStationCommunicationDescriptionType' its maxOccurs value is not equal to the catalogue (unbounded vs 1)

(156) Warning - S100_TruncatedDate is not defined in the feature catalogue

(157) Error - Element 'tmIntervalsByDoW' is not defined for ComplexType 'telecommunicationsType'

(158) Error - Element 'dayOfWeekIsRange' is not defined for ComplexType 'tmIntervalsByDoW'

(159) Error - Attribute vesselsCharacteristicsValue of type 'vesselsMeasurementsType' has an invalid type with respect to the catalogue (xs:string vs real)

STEP 3: S-127 Feature Catalogue against its Validation Schema:

Issues:

Chapter FeatureCatalogueBaseCheck
----
(1) Warning - The SimpleType with the name 'administrativeDivision' as defined in the feature catalogue does not exist in the schema
(2) Warning - The SimpleType with the name 'applicationProfile' as defined in the feature catalogue does not exist in the schema
(3) Warning - The SimpleType with the name 'inBallast' as defined in the feature catalogue does not exist in the schema
(4) Warning - The SimpleType with the name 'callName' as defined in the feature catalogue does not exist in the schema
(5) Warning - The SimpleType with the name 'callSign' as defined in the feature catalogue does not exist in the schema
(6) Warning - The SimpleType with the name 'cityName' as defined in the feature catalogue does not exist in the schema
(7) Warning - The SimpleType with the name 'communicationChannel' as defined in the feature catalogue does not exist in the schema
(8) Warning - The SimpleType with the name 'contactInstructions' as defined in the feature catalogue does not exist in the schema
(9) Warning - The SimpleType with the name 'countryName' as defined in the feature catalogue does not exist in the schema
(10) Warning - The SimpleType with the name 'dayOfWeekIsRange' as defined in the feature catalogue does not exist in the schema
(11) Warning - The SimpleType with the name 'dateEnd' as defined in the feature catalogue does not exist in the schema
(12) Warning - The SimpleType with the name 'dateStart' as defined in the feature catalogue does not exist in the schema
(13) Warning - The SimpleType with the name 'deliveryPoint' as defined in the feature catalogue does not exist in the schema
(14) Warning - The SimpleType with the name 'destination' as defined in the feature catalogue does not exist in the schema
(15) Warning - The SimpleType with the name 'displayName' as defined in the feature catalogue does not exist in the schema
(16) Warning - The SimpleType with the name 'distance' as defined in the feature catalogue does not exist in the schema
(17) Warning - The SimpleType with the name 'fileLocator' as defined in the feature catalogue does not exist in the schema
(18) Warning - The SimpleType with the name 'fileReference' as defined in the feature catalogue does not exist in the schema
(19) Warning - The SimpleType with the name 'dateFixed' as defined in the feature catalogue does not exist in the schema
(20) Warning - The SimpleType with the name 'flipBearing' as defined in the feature catalogue does not exist in the schema
(21) Warning - The SimpleType with the name 'frequencyShoreStationReceives' as defined in the feature catalogue does not exist in the schema
(22) Warning - The SimpleType with the name 'frequencyShoreStationTransmits' as defined in the feature catalogue does not exist in the schema
(23) Warning - The SimpleType with the name 'headline' as defined in the feature catalogue does not exist in the schema
(24) Warning - The SimpleType with the name 'horizontalDistanceUncertainty' as defined in the feature catalogue does not exist in the schema
(25) Warning - The SimpleType with the name 'imoFormatForReporting' as defined in the feature catalogue does not exist in the schema
(26) Warning - The SimpleType with the name 'language' as defined in the feature catalogue does not exist in the schema
(27) Warning - The SimpleType with the name 'linkage' as defined in the feature catalogue does not exist in the schema
(28) Warning - The SimpleType with the name 'nationality' as defined in the feature catalogue does not exist in the schema
(29) Warning - The SimpleType with the name 'noticeTimeHours' as defined in the feature catalogue does not exist in the schema
(30) Warning - The SimpleType with the name 'noticeTimeText' as defined in the feature catalogue does not exist in the schema
(31) Warning - The SimpleType with the name 'name' as defined in the feature catalogue does not exist in the schema

(32) Warning - The SimpleType with the name 'nameOfResource' as defined in the feature catalogue does not exist in the schema
(33) Warning - The SimpleType with the name 'onlineResourceDescription' as defined in the feature catalogue does not exist in the schema
(34) Warning - The SimpleType with the name 'orientationUncertainty' as defined in the feature catalogue does not exist in the schema
(35) Warning - The SimpleType with the name 'pictureCaption' as defined in the feature catalogue does not exist in the schema
(36) Warning - The SimpleType with the name 'pictureInformation' as defined in the feature catalogue does not exist in the schema
(37) Warning - The SimpleType with the name 'pilotRequest' as defined in the feature catalogue does not exist in the schema
(38) Warning - The SimpleType with the name 'pilotVessel' as defined in the feature catalogue does not exist in the schema
(39) Warning - The SimpleType with the name 'postalCode' as defined in the feature catalogue does not exist in the schema
(40) Warning - The SimpleType with the name 'protocol' as defined in the feature catalogue does not exist in the schema
(41) Warning - The SimpleType with the name 'protocolRequest' as defined in the feature catalogue does not exist in the schema
(42) Warning - The SimpleType with the name 'remotePilot' as defined in the feature catalogue does not exist in the schema
(43) Warning - The SimpleType with the name 'reportedDate' as defined in the feature catalogue does not exist in the schema
(44) Warning - The SimpleType with the name 'requirementsForMaintenanceOfListeningWatch' as defined in the feature catalogue does not exist in the schema
(45) Warning - The SimpleType with the name 'scaleMinimum' as defined in the feature catalogue does not exist in the schema
(46) Warning - The SimpleType with the name 'serviceAccessProcedure' as defined in the feature catalogue does not exist in the schema
(47) Warning - The SimpleType with the name 'signalFrequency' as defined in the feature catalogue does not exist in the schema
(48) Warning - The SimpleType with the name 'siltationRate' as defined in the feature catalogue does not exist in the schema
(49) Warning - The SimpleType with the name 'telecommunicationIdentifier' as defined in the feature catalogue does not exist in the schema
(50) Warning - The SimpleType with the name 'telcomCarrier' as defined in the feature catalogue does not exist in the schema
(51) Warning - The SimpleType with the name 'thicknessOfIceCapability' as defined in the feature catalogue does not exist in the schema
(52) Warning - The SimpleType with the name 'timeOfDayEnd' as defined in the feature catalogue does not exist in the schema
(53) Warning - The SimpleType with the name 'timeOfDayStart' as defined in the feature catalogue does not exist in the schema
(54) Warning - The SimpleType with the name 'uncertaintyFixed' as defined in the feature catalogue does not exist in the schema
(55) Warning - The SimpleType with the name 'uncertaintyVariableFactor' as defined in the feature catalogue does not exist in the schema
(56) Warning - The SimpleType with the name 'transmissionContent' as defined in the feature catalogue does not exist in the schema
(57) Warning - The SimpleType with the name 'underkeelAllowanceFixed' as defined in the feature catalogue does not exist in the schema
(58) Warning - The SimpleType with the name 'underkeelAllowanceVariableBeamBased' as defined in the feature catalogue does not exist in the schema
(59) Warning - The SimpleType with the name 'underkeelAllowanceVariableDraughtBased' as defined in the feature catalogue does not exist in the schema
(60) Warning - The SimpleType with the name 'vesselsCharacteristicsValue' as defined in the feature catalogue does not exist in the schema
(61) Warning - The SimpleType with the name 'vesselPerformance' as defined in the feature catalogue does not exist in the schema
(62) Warning - The SimpleType with the name 'maximumDisplayScale' as defined in the feature catalogue does not exist in the schema
(63) Warning - The SimpleType with the name 'minimumDisplayScale' as defined in the feature catalogue does not exist in the schema
(64) Warning - The SimpleType with the name 'orientationValue' as defined in the feature catalogue does not exist in the schema
(65) Warning - The SimpleType with the name 'pictorialRepresentation' as defined in the feature catalogue does not exist in the schema
(66) Warning - The SimpleType with the name 'sectorBearing' as defined in the feature catalogue does not exist in the schema
(67) Warning - The SimpleType with the name 'sourceDate' as defined in the feature catalogue does not exist in the schema
(68) Warning - The SimpleType with the name 'dateVariable' as defined in the feature catalogue does not exist in the schema

(69) Warning - The Role with the name 'componentOf' as defined in the feature catalogue does not exist in the schema
(70) Warning - The Role with the name 'consistsOf' as defined in the feature catalogue does not exist in the schema
(71) Warning - The Role with the name 'theApplicableRxN' as defined in the feature catalogue does not exist in the schema
(72) Warning - The Role with the name 'appliesInLocation' as defined in the feature catalogue does not exist in the schema
(73) Warning - The Role with the name 'theAuthority' as defined in the feature catalogue does not exist in the schema
(74) Warning - The Role with the name 'theAuthority_srvHrs' as defined in the feature catalogue does not exist in the schema
(75) Warning - The Role with the name 'theContactDetails' as defined in the feature catalogue does not exist in the schema
76) Warning - The Role with the name 'controlAuthority' as defined in the feature catalogue does not exist in the schema
(77) Warning - The Role with the name 'controlledService' as defined in the feature catalogue does not exist in the schema
(78) Warning - The Role with the name 'definedFor' as defined in the feature catalogue does not exist in the schema
(79) Warning - The Role with the name 'defines' as defined in the feature catalogue does not exist in the schema
(80) Warning - The Role with the name 'identifies' as defined in the feature catalogue does not exist in the schema
(81) Warning - The Role with the name 'informationProvidedFor' as defined in the feature catalogue does not exist in the schema
(82) Warning - The Role with the name 'isApplicableTo' as defined in the feature catalogue does not exist in the schema
(83) Warning - The Role with the name 'location_srvHrs' as defined in the feature catalogue does not exist in the schema
(84) Warning - The Role with the name 'theInformation' as defined in the feature catalogue does not exist in the schema
(85) Warning - The Role with the name 'theOrganisation' as defined in the feature catalogue does not exist in the schema
(86) Warning - The Role with the name 'partialWorkingDay' as defined in the feature catalogue does not exist in the schema
(87) Warning - The Role with the name 'permission' as defined in the feature catalogue does not exist in the schema
(88) Warning - The Role with the name 'mustBeFiledBy' as defined in the feature catalogue does not exist in the schema
(89) Warning - The Role with the name 'positions' as defined in the feature catalogue does not exist in the schema
(90) Warning - The Role with the name 'providesInformation' as defined in the feature catalogue does not exist in the schema
(91) Warning - The Role with the name 'reptForLocation' as defined in the feature catalogue does not exist in the schema
(92) Warning - The Role with the name 'reportTo' as defined in the feature catalogue does not exist in the schema
(93) Warning - The Role with the name 'theRxN' as defined in the feature catalogue does not exist in the schema
(94) Warning - The Role with the name 'theServiceHours' as defined in the feature catalogue does not exist in the schema
(95) Warning - The Role with the name 'theServiceHours_nsdy' as defined in the feature catalogue does not exist in the schema
(96) Warning - The Role with the name 'servicePlace' as defined in the feature catalogue does not exist in the schema
(97) Warning - The Role with the name 'serviceArea' as defined in the feature catalogue does not exist in the schema
(98) Warning - The Role with the name 'serviceProvider' as defined in the feature catalogue does not exist in the schema
(99) Warning - The Role with the name 'theShipReport' as defined in the feature catalogue does not exist in the schema
(100) Warning - The Role with the name 'reptForTrafficServ' as defined in the feature catalogue does not exist in the schema
(101) Warning - The Role with the name 'vslLocation' as defined in the feature catalogue does not exist in the schema
(102) Warning - The InformationAssociation with the name 'AdditionalInformation' as defined in the feature catalogue does not exist in the schema
(103) Warning - The InformationAssociation with the name 'AuthorityContact' as defined in the feature catalogue does not exist in the schema
(104) Warning - The InformationAssociation with the name 'AuthorityHours' as defined in the feature catalogue does not exist in the schema
(106) Warning - The InformationAssociation with the name 'AssociatedRxN' as defined in the feature catalogue does not exist in the schema

(107) Warning - The InformationAssociation with the name 'ExceptionalWorkday' as defined in the feature catalogue does not exist in the schema
(108) Warning - The InformationAssociation with the name 'RelatedOrganisation' as defined in the feature catalogue does not exist in the schema
(109) Warning - The InformationAssociation with the name 'ReptAuthority' as defined in the feature catalogue does not exist in the schema
(110) Warning - The InformationAssociation with the name 'ReportReqmt' as defined in the feature catalogue does not exist in the schema
(111) Warning - The InformationAssociation with the name 'SrvContact' as defined in the feature catalogue does not exist in the schema
(112) Warning - The InformationAssociation with the name 'SrvControl' as defined in the feature catalogue does not exist in the schema
(113) Warning - The InformationAssociation with the name 'SpatialAssociation' as defined in the feature catalogue does not exist in the schema
(114) Warning - The InformationAssociation with the name 'LocationHours' as defined in the feature catalogue does not exist in the schema
(115) Warning - The InformationAssociation with the name 'TrafficServRept' as defined in the feature catalogue does not exist in the schema
(116) Warning - The FeatureAssociation with the name 'ServiceProvisionArea' as defined in the feature catalogue does not exist in the schema
(117) Warning - The FeatureAssociation with the name 'PilotageDistrictAssociation' as defined in the feature catalogue does not exist in the schema
(118) Warning - The FeatureAssociation with the name 'TextAssociation' as defined in the feature catalogue does not exist in the schema
(119) Warning - The FeatureAssociation with the name 'TrafficControlServiceAggregation' as defined in the feature catalogue does not exist in the schema

Chapter SimpleTypes
----
(120) Error - Enumeration-value 'heavy lift' is not defined for SimpleType 'categoryOfCargoType'
(121) Error - Enumeration-value 'ballast' is not defined for SimpleType 'categoryOfCargoType'
(122) Error - Enumeration-value 'port security area' is not defined for SimpleType 'categoryOfRestrictedAreaType'
(123) Error - Enumeration-value 'International Port Traffic' is not defined for SimpleType 'categoryOfSignalStationTrafficType'
(124) Error - Enumeration-value 'IMO - Adopted' is not defined for SimpleType 'categoryOfTrafficSeparationSchemeType'
(125) Error - Enumeration-value 'logical disjunction' is not defined for SimpleType 'logicalConnectivesType'
(126) Error - Enumeration-value 'synchronized' is not defined for SimpleType 'statusType'
(127) Warning - categoryOfMarineProtectedAreaType is not defined in the feature catalogue
(128) Error - Enumeration-value 'reported (not confirmed)' is not defined for SimpleType 'qualityOfHorizontalMeasurementType'

Chapter ComplexTypes
----
(129) Warning - PermissionType is found in the feature catalogue as an 'InformationAssociation' but the schema has assigned it to a different basetype (InformationTypeType)
(130) Warning - InclusionType is found in the feature catalogue as an 'InformationAssociation' but the schema has assigned it to a different basetype (InformationTypeType)
(131) Error - Attribute vesselsCharacteristicsValue of type 'vesselsMeasurementsType' has an invalid type with respect to the catalogue (xs:string vs real)
(132) Warning - DatasetType is not defined in the feature catalogue
(133) Warning - MemberType is not defined in the feature catalogue
(134) Warning - IMemberType is not defined in the feature catalogue

STEP4: S122.xsd against S123.xsd

S100Lint v0.2 (c) 2020, Royal Netherlands Hydrographic Service
Cross referencing schemafile 'S122.xsd' with schemafile 'S123.xsd'.
General Information:
Source XMLSchema contains 42 SimpleNodes and 60 ComplexNodes
Source- and target XMLSchema contain 37 matching SimpleNodes
Source- and target XMLSchema contain 53 matching ComplexNodes
Cross referencing source- and target XMLSchema results in 62 issues

Issues:
(1) Warning - The XmlNode 'xs:simpleType->xs:annotation->xs:documentation->#text' of type 'categoryOfCargoType' in the first schema is different from the same XmlNode in the second schema
(2) Warning - The XmlNode 'xs:simpleType->xs:restriction->xs:enumeration[value='height']->xs:annotation->xs:documentation->#text' of type 'vesselsCharacteristicsType' in the first schema is different from the same XmlNode in the second schema
(3) Warning - The XmlNode 'xs:simpleType->xs:restriction->xs:enumeration[value='Suez Canal net tonnage']->xs:annotation->xs:documentation->#text' of type 'vesselsCharacteristicsType' in the first schema is different from the same XmlNode in the second schema
(4) Warning - The XmlNode 'xs:simpleType->xs:restriction->xs:enumeration[value='monday']->xs:annotation->xs:documentation->#text' of type 'dayOfWeekType' in the first schema is different from the same XmlNode in the second schema
(5) Warning - The XmlNode 'xs:simpleType->xs:restriction->xs:enumeration[value='wednesday']->xs:annotation->xs:documentation->#text' of type 'dayOfWeekType' in the first schema is different from the same XmlNode in the second schema
(6) Warning - The XmlNode 'xs:simpleType->xs:restriction->xs:enumeration[value='thursday']->xs:annotation->xs:documentation->#text' of type 'dayOfWeekType' in the first schema is different from the same XmlNode in the second schema
(7) Warning - The XmlNode 'xs:simpleType->xs:restriction->xs:enumeration[value='friday']->xs:annotation->xs:documentation->#text' of type 'dayOfWeekType' in the first schema is different from the same XmlNode in the second schema
(8) Warning - The XmlNode 'xs:simpleType->xs:restriction->xs:enumeration[value='saturday']->xs:annotation->xs:documentation->#text' of type 'dayOfWeekType' in the first schema is different from the same XmlNode in the second schema
(9) Warning - The XmlNode 'xs:simpleType->xs:restriction->xs:enumeration[value='sunday']->xs:annotation->xs:documentation->#text' of type 'dayOfWeekType' in the first schema is different from the same XmlNode in the second schema
(10) Warning - The XmlNode 'xs:simpleType->xs:annotation->xs:documentation->#text' of type 'operationType' in the first schema is different from the same XmlNode in the second schema
(11) Warning - The XmlNode 'xs:simpleType->xs:restriction->xs:enumeration[value='short ton']->xs:annotation->xs:documentation->#text' of type 'vesselsCharacteristicsUnitType' in the first schema is different from the same XmlNode in the second schema
(12) Warning - The XmlNode 'xs:simpleType->xs:restriction->xs:enumeration[value='gross ton']->xs:annotation->xs:documentation->#text' of type 'vesselsCharacteristicsUnitType' in the first schema is different from the same XmlNode in the second schema

(13) Warning - The XmlNode 'xs:simpleType->xs:restriction->xs:enumeration[value='unlikely to change']->xs:annotation->xs:documentation->#text' of type 'categoryOfTemporalVariationType' in the first schema is different from the same XmlNode in the second schema

(14) Warning - The XmlNode 'xs:simpleType->xs:annotation->xs:documentation->#text' of type 'textTypeType' in the first schema is different from the same XmlNode in the second schema

(15) Warning - The XmlNode 'xs:simpleType->xs:restriction' of type 'textTypeType' in the first schema is different from the same XmlNode in the second schema

(16) Warning - The XmlNode 'xs:complexType->xs:sequence' of type 'onlineResourceType' in the first schema is different from the same XmlNode in the second schema

(17) Warning - The XmlNode 'xs:complexType->xs:sequence' of type 'graphicType' in the first schema is different from the same XmlNode in the second schema

(18) Warning - The XmlNode 'xs:complexType->xs:complexContent->xs:extension->xs:sequence->#comment' of type 'AbstractRXNType' in the first schema is different from the same XmlNode in the second schema

(19) Warning - The XmlNode 'xs:complexType->xs:complexContent->xs:extension->xs:sequence' of type 'ApplicabilityType' in the first schema is different from the same XmlNode in the second schema

(20) Warning - The XmlNode 'xs:complexType->xs:complexContent->xs:extension->xs:sequence' of type 'AuthorityType' in the first schema is different from the same XmlNode in the second schema

(21) Warning - The XmlNode 'xs:complexType->xs:complexContent->xs:extension->xs:sequence' of type 'FeatureType' in the first schema is different from the same XmlNode in the second schema

(22) Warning - The XmlNode 'xs:complexType->xs:complexContent->xs:extension->xs:sequence' of type 'InformationTypeType' in the first schema is different from the same XmlNode in the second schema

(23) Warning - The XmlNode 'xs:complexType->xs:complexContent->xs:extension->xs:sequence->#comment' of type 'PermissionType' in the first schema is different from the same XmlNode in the second schema

(24) Warning - The XmlNode 'xs:complexType->xs:complexContent->xs:extension->xs:sequence' of type 'InclusionType' in the first schema is different from the same XmlNode in the second schema

(25) Warning - The XmlNode 'xs:complexType->xs:annotation->xs:documentation->#text' of type 'RecommendationsType' in the first schema is different from the same XmlNode in the second schema

(26) Warning - The XmlNode 'xs:complexType->xs:annotation->xs:documentation->#text' of type 'RegulationsType' in the first schema is different from the same XmlNode in the second schema

(27) Warning - The XmlNode 'xs:complexType->xs:annotation->xs:documentation->#text' of type 'RestrictionsType' in the first schema is different from the same XmlNode in the second schema

(28) Warning - The XmlNode 'xs:complexType->xs:complexContent->xs:extension->xs:sequence' of type 'ServiceHoursType' in the first schema is different from the same XmlNode in the second schema

(29) Warning - The XmlNode 'xs:complexType->xs:sequence->xs:element[name='displayName']->xs:annotation->xs:documentation->#text' of type 'featureNameType' in the first schema is different from the same XmlNode in the second schema

(30) Warning - The XmlNode 'xs:complexType->xs:annotation->xs:documentation->#text' of type 'fixedDateRangeType' in the first schema is different from the same XmlNode in the second schema

(31) Warning - The XmlNode 'xs:complexType->xs:sequence' of type 'fixedDateRangeType' in the first schema is different from the same XmlNode in the second schema

(32) Warning - The XmlNode 'xs:complexType->xs:sequence' of type 'frequencyPairType' in the first schema is different from the same XmlNode in the second schema

(33) Warning - The XmlNode 'xs:complexType->xs:sequence' of type 'scheduleByDoWType' in the first schema is different from the same XmlNode in the second schema

(34) Warning - The XmlNode 'xs:complexType->xs:sequence' of type 'tmIntervalsByDoW' in the first schema is different from the same XmlNode in the second schema

(35) Warning - The XmlNode 'xs:complexType->xs:sequence' of type 'periodicDateRangeType' in the first schema is different from the same XmlNode in the second schema

(36) Warning - The XmlNode 'xs:complexType->xs:sequence' of type 'radiocommunicationsType' in the first schema is different from the same XmlNode in the second schema

(37) Warning - The XmlNode 'xs:complexType->xs:sequence' of type 'rxnCodeType' in the first schema is different from the same XmlNode in the second schema

(38) Warning - The XmlNode 'xs:complexType->xs:sequence' of type 'sourceIndicationType' in the first schema is different from the same XmlNode in the second schema

(39) Warning - The XmlNode 'xs:complexType->xs:sequence' of type 'vesselsMeasurementsType' in the first schema is different from the same XmlNode in the second schema

(40) Warning - The XmlNode 'xs:complexType->xs:annotation->xs:documentation->#text' of type 'ContactDetailsType' in the first schema is different from the same XmlNode in the second schema

(41) Warning - The XmlNode 'xs:complexType->xs:complexContent->xs:extension->xs:sequence->xs:element[name='callName']->xs:annotation->xs:documentation->#text' of type 'ContactDetailsType' in the first schema is different from the same XmlNode in the second schema

(42) Warning - The XmlNode 'xs:complexType->xs:complexContent->xs:extension->xs:sequence->xs:element[name='callName']->xs:annotation->xs:documentation->#text' of type 'ContactDetailsType' in the first schema is different from the same XmlNode in the second schema

(43) Warning - The XmlNode 'xs:complexType->xs:complexContent->xs:extension->xs:sequence->xs:element[name='communicationChannel']' of type 'ContactDetailsType' in the first schema is different from the same XmlNode in the second schema

(44) Warning - The XmlNode 'xs:complexType->xs:complexContent->xs:extension->xs:sequence->xs:element[name='telecommunications']->xs:annotation->xs:documentation->#text' of type 'ContactDetailsType' in the first schema is different from the same XmlNode in the second schema

(45) Warning - The XmlNode 'xs:complexType->xs:complexContent->xs:extension->xs:sequence->xs:element[name='radiocommunications']->xs:annotation->xs:documentation->#text' of type 'ContactDetailsType' in the first schema is different from the same XmlNode in the second schema

(46) Warning - The XmlNode 'xs:complexType->xs:complexContent->xs:extension->xs:sequence->xs:element[name='theAuthority']' of type 'ContactDetailsType' in the first schema is different from the same XmlNode in the second schema

(47) Warning - The XmlNode 'xs:complexType->xs:sequence' of type 'contactAddressType' in the first schema is different from the same XmlNode in the second schema

(48) Warning - The XmlNode 'xs:complexType->xs:sequence' of type 'telecommunicationsType' in the first schema is different from the same XmlNode in the second schema

(49) Warning - The XmlNode 'xs:complexType->xs:sequence->xs:element[name='text']->xs:annotation->xs:documentation->#text' of type 'informationType' in the first schema is different from the same XmlNode in the second schema

(50) Warning - The XmlNode 'xs:complexType->xs:annotation->xs:documentation->#text' of type 'textContentType' in the first schema is different from the same XmlNode in the second schema

(51) Warning - The XmlNode 'xs:complexType->xs:sequence' of type 'textContentType' in the first schema is different from the same XmlNode in the second schema

(52) Warning - The XmlNode 'xs:complexType->xs:annotation->xs:documentation->#text' of type 'bearingInformationType' in the first schema is different from the same XmlNode in the second schema

(53) Warning - The XmlNode 'xs:complexType->xs:sequence->#comment' of type 'bearingInformationType' in the first schema is different from the same XmlNode in the second schema

(54) Warning - The XmlNode 'xs:complexType->xs:sequence' of type 'orientationType' in the first schema is different from the same XmlNode in the second schema

(55) Warning - The XmlNode 'xs:complexType->xs:sequence->xs:element[name='uncertaintyFixed']->xs:annotation->xs:documentation->#text' of type 'horizontalPositionalUncertainty' in the first schema is different from the same XmlNode in the second schema

(56) Warning - The XmlNode 'xs:complexType->xs:sequence' of type 'surveyDateRangeType' in the first schema is different from the same XmlNode in the second schema

(57) Warning - The XmlNode 'xs:complexType->xs:annotation->xs:documentation->#text' of type 'DataQualityType' in the first schema is different from the same XmlNode in the second schema

(58) Warning - The XmlNode 'xs:complexType->xs:complexContent->xs:extension->xs:sequence' of type 'DataQualityType' in the first schema is different from the same XmlNode in the second schema

(59) Warning - The XmlNode 'xs:complexType->xs:complexContent->xs:extension->xs:sequence' of type 'DataCoverageType' in the first schema is different from the same XmlNode in the second schema

(60) Warning - The XmlNode 'xs:complexType->xs:complexContent->xs:extension->xs:sequence->#comment' of type 'QualityOfNonBathymetricDataType' in the first schema is different from the same XmlNode in the second schema

(61) Warning - The XmlNode 'xs:complexType->xs:complexContent->xs:extension->xs:sequence' of type 'SpatialQuality' in the first schema is different from the same XmlNode in the second schema

(62) Warning - The XmlNode 'xs:complexType->xs:sequence->xs:element[name='text']->xs:annotation->xs:documentation->#text' of type 'TextPlacement' in the first schema is different from the same XmlNode in the second schema

STEP 5: S122.xsd against S127.xsd

S100Lint v0.2 (c) 2020, Royal Netherlands Hydrographic Service
Cross referencing schemafile 'S122.xsd' with schemafile 'S127.xsd'.
General Information:
Source XMLSchema contains 42 SimpleNodes and 60 ComplexNodes
Source- and target XMLSchema contain 38 matching SimpleNodes
Source- and target XMLSchema contain 55 matching ComplexNodes
Cross referencing source- and target XMLSchema results in 68 issues

Issues:
(1) Warning - The XmlNode 'xs:simpleType->xs:annotation->xs:documentation->#text' of type 'categoryOfCargoType' in the first schema is different from the same XmlNode in the second schema
(2) Warning - The XmlNode 'xs:simpleType->xs:restriction->xs:enumeration[value='passenger']->xs:annotation->xs:documentation->#text' of type 'categoryOfCargoType' in the first schema is different from the same XmlNode in the second schema
(3) Warning - The XmlNode 'xs:simpleType->xs:restriction->xs:enumeration[value='livestock']->xs:annotation->xs:documentation->#text' of type 'categoryOfCargoType' in the first schema is different from the same XmlNode in the second schema
(4) Warning - The XmlNode 'xs:simpleType->xs:restriction->xs:enumeration[value='dangerous or hazardous']->xs:annotation->xs:documentation->#text' of type 'categoryOfCargoType' in the first schema is different from the same XmlNode in the second schema
(5) Warning - The XmlNode 'xs:simpleType->xs:restriction' of type 'categoryOfVesselTrafficServiceType' in the first schema is different from the same XmlNode in the second schema
(6) Warning - The XmlNode 'xs:simpleType->xs:annotation->xs:documentation->#text' of type 'categoryOfShipReportType' in the first schema is different from the same XmlNode in the second schema
(7) Warning - The XmlNode 'xs:simpleType->xs:restriction' of type 'dayOfWeekType' in the first schema is different from the same XmlNode in the second schema
(8) Warning - The XmlNode 'xs:simpleType->xs:annotation->xs:documentation->#text' of type 'categoryOfRestrictedAreaType' in the first schema is different from the same XmlNode in the second schema
(9) Warning - The XmlNode 'xs:simpleType->xs:restriction' of type 'categoryOfRestrictedAreaType' in the first schema is different from the same XmlNode in the second schema
(10) Warning - The XmlNode 'xs:simpleType->xs:restriction->xs:enumeration[value='NNE']->xs:annotation->xs:documentation->#text' of type 'cardinalDirectionType' in the first schema is different from the same XmlNode in the second schema
(11) Warning - The XmlNode 'xs:simpleType->xs:annotation->xs:documentation->#text' of type 'restrictionType' in the first schema is different from the same XmlNode in the second schema
(12) Warning - The XmlNode 'xs:simpleType->xs:restriction' of type 'restrictionType' in the first schema is different from the same XmlNode in the second schema
(13) Warning - The XmlNode 'xs:simpleType->xs:restriction' of type 'categoryOfDangerousOrHazardousCargoType' in the first schema is different from the same XmlNode in the second schema
(14) Warning - The XmlNode 'xs:simpleType->xs:union->xs:annotation->xs:documentation->#text' of type 'onlineFunctionType' in the first schema is different from the same XmlNode in the second schema

(15) Warning - The XmlNode 'xs:simpleType->xs:restriction->xs:enumeration[value='download']->xs:annotation->xs:documentation->#text' of type 'onlineFunctionType' in the first schema is different from the same XmlNode in the second schema

(16) Warning - The XmlNode 'xs:simpleType->xs:restriction->xs:enumeration[value='information']->xs:annotation->xs:documentation->#text' of type 'onlineFunctionType' in the first schema is different from the same XmlNode in the second schema

(17) Warning - The XmlNode 'xs:simpleType->xs:restriction->xs:enumeration[value='order']->xs:annotation->xs:documentation->#text' of type 'onlineFunctionType' in the first schema is different from the same XmlNode in the second schema

(18) Warning - The XmlNode 'xs:simpleType->xs:restriction->xs:enumeration[value='search']->xs:annotation->xs:documentation->#text' of type 'onlineFunctionType' in the first schema is different from the same XmlNode in the second schema

(19) Warning - The XmlNode 'xs:simpleType->xs:restriction->xs:enumeration[value='upload']->xs:annotation->xs:documentation->#text' of type 'onlineFunctionType' in the first schema is different from the same XmlNode in the second schema

(20) Warning - The XmlNode 'xs:simpleType->xs:restriction->xs:enumeration[value='browsing']->xs:annotation->xs:documentation->#text' of type 'onlineFunctionType' in the first schema is different from the same XmlNode in the second schema

(21) Warning - The XmlNode 'xs:simpleType->xs:restriction' of type 'onlineFunctionType' in the first schema is different from the same XmlNode in the second schema

(22) Warning - The XmlNode 'xs:simpleType->xs:annotation->xs:documentation->#text' of type 'categoryOfTemporalVariationType' in the first schema is different from the same XmlNode in the second schema

(23) Warning - The XmlNode 'xs:simpleType->xs:restriction' of type 'categoryOfTemporalVariationType' in the first schema is different from the same XmlNode in the second schema

(24) Warning - The XmlNode 'xs:simpleType->xs:annotation->xs:documentation->#text' of type 'textTypeType' in the first schema is different from the same XmlNode in the second schema

(25) Warning - The XmlNode 'xs:complexType->xs:sequence' of type 'onlineResourceType' in the first schema is different from the same XmlNode in the second schema

(26) Warning - The XmlNode 'xs:complexType->xs:sequence' of type 'graphicType' in the first schema is different from the same XmlNode in the second schema

(27) Warning - The XmlNode 'xs:complexType->xs:complexContent->xs:extension->xs:sequence' of type 'ApplicabilityType' in the first schema is different from the same XmlNode in the second schema

(28) Warning - The XmlNode 'xs:complexType->xs:complexContent->xs:extension->xs:sequence' of type 'AuthorityType' in the first schema is different from the same XmlNode in the second schema

(29) Warning - The XmlNode 'xs:complexType->xs:complexContent->xs:extension->xs:sequence' of type 'InformationTypeType' in the first schema is different from the same XmlNode in the second schema

(30) Warning - The XmlNode 'xs:complexType->xs:complexContent->xs:extension->xs:sequence' of type 'VesselTrafficServiceAreaType' in the first schema is different from the same XmlNode in the second schema

(31) Warning - The XmlNode 'xs:complexType->xs:complexContent' of type 'NauticalInformationType' in the first schema is different from the same XmlNode in the second schema

(32) Warning - The XmlNode 'xs:complexType->xs:complexContent->xs:extension->xs:sequence' of type 'NonStandardWorkingDayType' in the first schema is different from the same XmlNode in the second schema

(33) Warning - The XmlNode 'xs:complexType->xs:complexContent->xs:extension->xs:sequence->#comment' of type 'PermissionType' in the first schema is different from the same XmlNode in the second schema

(34) Warning - The XmlNode 'xs:complexType->xs:complexContent->xs:extension->xs:sequence' of type 'InclusionType' in the first schema is different from the same XmlNode in the second schema

(35) Warning - The XmlNode 'xs:complexType->xs:complexContent' of type 'RecommendationsType' in the first schema is different from the same XmlNode in the second schema

(36) Warning - The XmlNode 'xs:complexType->xs:complexContent' of type 'RegulationsType' in the first schema is different from the same XmlNode in the second schema

(37) Warning - The XmlNode 'xs:complexType->xs:complexContent->xs:extension->xs:sequence' of type 'RestrictedAreaNavigationalType' in the first schema is different from the same XmlNode in the second schema

(38) Warning - The XmlNode 'xs:complexType->xs:complexContent->xs:extension->xs:sequence' of type 'RestrictedAreaRegulatoryType' in the first schema is different from the same XmlNode in the second schema

(39) Warning - The XmlNode 'xs:complexType->xs:complexContent' of type 'RestrictionsType' in the first schema is different from the same XmlNode in the second schema

(40) Warning - The XmlNode 'xs:complexType->xs:complexContent->xs:extension->xs:sequence' of type 'ServiceHoursType' in the first schema is different from the same XmlNode in the second schema

(41) Warning - The XmlNode 'xs:complexType->xs:complexContent->xs:extension->xs:sequence->#comment' of type 'ShipReportType' in the first schema is different from the same XmlNode in the second schema

(42) Warning - The XmlNode 'xs:complexType->xs:sequence' of type 'featureNameType' in the first schema is different from the same XmlNode in the second schema

(43) Warning - The XmlNode 'xs:complexType->xs:sequence' of type 'frequencyPairType' in the first schema is different from the same XmlNode in the second schema

(44) Warning - The XmlNode 'xs:complexType->xs:sequence' of type 'periodicDateRangeType' in the first schema is different from the same XmlNode in the second schema

(45) Warning - The XmlNode 'xs:complexType->xs:sequence' of type 'radiocommunicationsType' in the first schema is different from the same XmlNode in the second schema

(46) Warning - The XmlNode 'xs:complexType->xs:sequence' of type 'sourceIndicationType' in the first schema is different from the same XmlNode in the second schema

(47) Warning - The XmlNode 'xs:complexType->xs:sequence' of type 'vesselsMeasurementsType' in the first schema is different from the same XmlNode in the second schema

(48) Warning - The XmlNode 'xs:complexType->xs:complexContent->xs:extension->xs:sequence->xs:element[name='radiocommunications']->xs:annotation->xs:documentation->#text' of type 'ContactDetailsType' in the first schema is different from the same XmlNode in the second schema

(49) Warning - The XmlNode 'xs:complexType->xs:annotation->xs:documentation->#text' of type 'contactAddressType' in the first schema is different from the same XmlNode in the second schema

(50) Warning - The XmlNode 'xs:complexType->xs:sequence' of type 'contactAddressType' in the first schema is different from the same XmlNode in the second schema

(51) Warning - The XmlNode 'xs:complexType->xs:annotation->xs:documentation->#text' of type 'telecommunicationsType' in the first schema is different from the same XmlNode in the second schema

(52) Warning - The XmlNode 'xs:complexType->xs:sequence' of type 'telecommunicationsType' in the first schema is different from the same XmlNode in the second schema

(53) Warning - The XmlNode 'xs:complexType->xs:annotation->xs:documentation->#text' of type 'informationType' in the first schema is different from the same XmlNode in the second schema

(54) Warning - The XmlNode 'xs:complexType->xs:annotation->xs:documentation->#text' of type 'informationType' in the first schema is different from the same XmlNode in the second schema

(55) Warning - The XmlNode 'xs:complexType->xs:sequence->xs:element[name='distance']' of type 'bearingInformationType' in the first schema is different from the same XmlNode in the second schema

(56) Warning - The XmlNode 'xs:complexType->xs:sequence->#comment' of type 'bearingInformationType' in the first schema is different from the same XmlNode in the second schema

(57) Warning - The XmlNode 'xs:complexType->xs:sequence' of type 'orientationType' in the first schema is different from the same XmlNode in the second schema

(58) Warning - The XmlNode 'xs:complexType->xs:sequence' of type 'surveyDateRangeType' in the first schema is different from the same XmlNode in the second schema

(59) Warning - The XmlNode 'xs:complexType->xs:annotation->xs:documentation->#text' of type 'DataQualityType' in the first schema is different from the same XmlNode in the second schema

(60) Warning - The XmlNode 'xs:complexType->xs:complexContent->xs:extension->xs:sequence' of type 'DataQualityType' in the first schema is different from the same XmlNode in the second schema

(61) Warning - The XmlNode 'xs:complexType->xs:annotation->xs:documentation->#text' of type 'DataCoverageType' in the first schema is different from the same XmlNode in the second schema

(62) Warning - The XmlNode 'xs:complexType->xs:complexContent->xs:extension->xs:sequence' of type 'DataCoverageType' in the first schema is different from the same XmlNode in the second schema

(63) Warning - The XmlNode 'xs:complexType->xs:complexContent->xs:extension->xs:sequence->#comment' of type 'QualityOfNonBathymetricDataType' in the first schema is different from the same XmlNode in the second schema

(64) Warning - The XmlNode 'xs:complexType->xs:complexContent->xs:extension->xs:sequence' of type 'SpatialQuality' in the first schema is different from the same XmlNode in the second schema

(65) Warning - Naming difference between first- and second schema. Found 'TextPlacement' versus 'TextPlacementType'.

(66) Warning - The XmlNode 'xs:complexType->xs:sequence' of type 'TextPlacement' in the first schema is different from the same XmlNode in the second schema

(67) Warning - The XmlNode 'xs:complexType->xs:annotation->xs:documentation->#text' of type 'DatasetType' in the first schema is different from the same XmlNode in the second schema

(68) Warning - The XmlNode 'xs:complexType->xs:complexContent->xs:extension->xs:sequence->xs:choice' of type 'DatasetType' in the first schema is different from the same XmlNode in the second schema

STEP 6: S123.xsd against S127.xsd

S100Lint v0.2 (c) 2020, Royal Netherlands Hydrographic Service
Cross referencing schemafile 'S123.xsd' with schemafile 'S127.xsd'.
General Information:
Source XMLSchema contains 49 SimpleNodes and 71 ComplexNodes
Source- and target XMLSchema contain 35 matching SimpleNodes
Source- and target XMLSchema contain 49 matching ComplexNodes
Cross referencing source- and target XMLSchema results in 92 issues

Issues:
(1) Warning - The XmlNode 'xs:simpleType->xs:restriction->xs:enumeration[value='NNE']->xs:annotation->xs:documentation->#text' of type 'cardinalDirectionType' in the first schema is different from the same XmlNode in the second schema
(2) Warning - The XmlNode 'xs:simpleType->xs:annotation->xs:documentation->#text' of type 'categoryOfCargoType' in the first schema is different from the same XmlNode in the second schema
(3) Warning - The XmlNode 'xs:simpleType->xs:restriction->xs:enumeration[value='passenger']->xs:annotation->xs:documentation->#text' of type 'categoryOfCargoType' in the first schema is different from the same XmlNode in the second schema
(4) Warning - The XmlNode 'xs:simpleType->xs:restriction->xs:enumeration[value='livestock']->xs:annotation->xs:documentation->#text' of type 'categoryOfCargoType' in the first schema is different from the same XmlNode in the second schema
(5) Warning - The XmlNode 'xs:simpleType->xs:restriction->xs:enumeration[value='dangerous or hazardous']->xs:annotation->xs:documentation->#text' of type 'categoryOfCargoType' in the first schema is different from the same XmlNode in the second schema
(6) Warning - The XmlNode 'xs:simpleType->xs:restriction' of type 'categoryOfDangerousOrHazardousCargoType' in the first schema is different from the same XmlNode in the second schema
(7) Warning - The XmlNode 'xs:simpleType->xs:restriction' of type 'categoryOfRadioMethodsType' in the first schema is different from the same XmlNode in the second schema
(8) Warning - The XmlNode 'xs:simpleType->xs:annotation->xs:documentation->#text' of type 'categoryOfTemporalVariationType' in the first schema is different from the same XmlNode in the second schema
(9) Warning - The XmlNode 'xs:simpleType->xs:restriction' of type 'categoryOfTemporalVariationType' in the first schema is different from the same XmlNode in the second schema
(10) Warning - The XmlNode 'xs:simpleType->xs:restriction' of type 'dayOfWeekType' in the first schema is different from the same XmlNode in the second schema
(11) Warning - The XmlNode 'xs:simpleType->xs:union->xs:annotation->xs:documentation->#text' of type 'onlineFunctionType' in the first schema is different from the same XmlNode in the second schema
(12) Warning - The XmlNode 'xs:simpleType->xs:restriction->xs:enumeration[value='download']->xs:annotation->xs:documentation->#text' of type 'onlineFunctionType' in the first schema is different from the same XmlNode in the second schema
(13) Warning - The XmlNode 'xs:simpleType->xs:restriction->xs:enumeration[value='information']->xs:annotation->xs:documentation->#text' of type 'onlineFunctionType' in the first schema is different from the same XmlNode in the second schema

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(14) Warning - The XmlNode 'xs:simpleType->xs:restriction->xs:enumeration[value='order']->xs:annotation->xs:documentation->#text' of type 'onlineFunctionType' in the first schema is different from the same XmlNode in the second schema

(15) Warning - The XmlNode 'xs:simpleType->xs:restriction->xs:enumeration[value='search']->xs:annotation->xs:documentation->#text' of type 'onlineFunctionType' in the first schema is different from the same XmlNode in the second schema

(16) Warning - The XmlNode 'xs:simpleType->xs:restriction->xs:enumeration[value='upload']->xs:annotation->xs:documentation->#text' of type 'onlineFunctionType' in the first schema is different from the same XmlNode in the second schema

(17) Warning - The XmlNode 'xs:simpleType->xs:restriction->xs:enumeration[value='browsing']->xs:annotation->xs:documentation->#text' of type 'onlineFunctionType' in the first schema is different from the same XmlNode in the second schema

(18) Warning - The XmlNode 'xs:simpleType->xs:restriction' of type 'onlineFunctionType' in the first schema is different from the same XmlNode in the second schema

(19) Warning - The XmlNode 'xs:simpleType->xs:annotation->xs:documentation->#text' of type 'operationType' in the first schema is different from the same XmlNode in the second schema

(20) Warning - The XmlNode 'xs:simpleType->xs:annotation->xs:documentation->#text' of type 'operationType' in the first schema is different from the same XmlNode in the second schema

(21) Warning - The XmlNode 'xs:simpleType->xs:annotation->xs:documentation->#text' of type 'textTypeType' in the first schema is different from the same XmlNode in the second schema

(22) Warning - The XmlNode 'xs:simpleType->xs:restriction' of type 'textTypeType' in the first schema is different from the same XmlNode in the second schema

(23) Warning - The XmlNode 'xs:simpleType->xs:restriction->xs:enumeration[value='height']->xs:annotation->xs:documentation->#text' of type 'vesselsCharacteristicsType' in the first schema is different from the same XmlNode in the second schema

(24) Warning - The XmlNode 'xs:simpleType->xs:restriction->xs:enumeration[value='Suez Canal net tonnage']->xs:annotation->xs:documentation->#text' of type 'vesselsCharacteristicsType' in the first schema is different from the same XmlNode in the second schema

(25) Warning - The XmlNode 'xs:simpleType->xs:restriction->xs:enumeration[value='short ton']->xs:annotation->xs:documentation->#text' of type 'vesselsCharacteristicsUnitType' in the first schema is different from the same XmlNode in the second schema

(26) Warning - The XmlNode 'xs:simpleType->xs:restriction->xs:enumeration[value='gross ton']->xs:annotation->xs:documentation->#text' of type 'vesselsCharacteristicsUnitType' in the first schema is different from the same XmlNode in the second schema

(27) Warning - The XmlNode 'xs:complexType->xs:complexContent->xs:extension->xs:sequence' of type 'ApplicabilityType' in the first schema is different from the same XmlNode in the second schema

(28) Warning - The XmlNode 'xs:complexType->xs:complexContent->xs:extension->xs:sequence->#comment' of type 'AuthorityType' in the first schema is different from the same XmlNode in the second schema

(29) Warning - The XmlNode 'xs:complexType->xs:annotation->xs:documentation->#text' of type 'bearingInformationType' in the first schema is different from the same XmlNode in the second schema

(30) Warning - The XmlNode 'xs:complexType->xs:annotation->xs:documentation->#text' of type 'bearingInformationType' in the first schema is different from the same XmlNode in the second schema

(31) Warning - The XmlNode 'xs:complexType->xs:sequence->xs:element[name='distance']' of type 'bearingInformationType' in the first schema is different from the same XmlNode in the second schema

(32) Warning - The XmlNode 'xs:complexType->xs:sequence->#comment' of type 'bearingInformationType' in the first schema is different from the same XmlNode in the second schema

(33) Warning - The XmlNode 'xs:complexType->xs:annotation->xs:documentation->#text' of type 'contactAddressType' in the first schema is different from the same XmlNode in the second schema

(34) Warning - The XmlNode 'xs:complexType->xs:sequence' of type 'contactAddressType' in the first schema is different from the same XmlNode in the second schema

(35) Warning - The XmlNode 'xs:complexType->xs:annotation->xs:documentation->#text' of type 'ContactDetailsType' in the first schema is different from the same XmlNode in the second schema

(36) Warning - The XmlNode 'xs:complexType->xs:complexContent->xs:extension->xs:sequence->xs:element[name='callName']->xs:annotation->xs:documentation->#text' of type 'ContactDetailsType' in the first schema is different from the same XmlNode in the second schema

(37) Warning - The XmlNode 'xs:complexType->xs:complexContent->xs:extension->xs:sequence->xs:element[name='communicationChannel']' of type 'ContactDetailsType' in the first schema is different from the same XmlNode in the second schema

(38) Warning - The XmlNode 'xs:complexType->xs:complexContent->xs:extension->xs:sequence->xs:element[name='telecommunications']->xs:annotation->xs:documentation->#text' of type 'ContactDetailsType' in the first schema is different from the same XmlNode in the second schema

(39) Warning - The XmlNode 'xs:complexType->xs:complexContent->xs:extension->xs:sequence->xs:element[name='radiocommunications']->xs:annotation->xs:documentation->#text' of type 'ContactDetailsType' in the first schema is different from the same XmlNode in the second schema

(40) Warning - The XmlNode 'xs:complexType->xs:complexContent->xs:extension->xs:sequence->xs:element[name='theAuthority']' of type 'ContactDetailsType' in the first schema is different from the same XmlNode in the second schema

(41) Warning - The XmlNode 'xs:complexType->xs:annotation->xs:documentation->#text' of type 'DataCoverageType' in the first schema is different from the same XmlNode in the second schema

(42) Warning - The XmlNode 'xs:complexType->xs:complexContent->xs:extension->xs:sequence' of type 'DataCoverageType' in the first schema is different from the same XmlNode in the second schema

(43) Warning - The XmlNode 'xs:complexType->xs:annotation->xs:documentation->#text' of type 'DatasetType' in the first schema is different from the same XmlNode in the second schema

(44) Warning - The XmlNode 'xs:complexType->xs:complexContent->xs:extension->xs:sequence->xs:choice' of type 'DatasetType' in the first schema is different from the same XmlNode in the second schema

(45) Warning - The XmlNode 'xs:complexType->xs:sequence->xs:element[name='displayName']->xs:annotation->xs:documentation->#text' of type 'featureNameType' in the first schema is different from the same XmlNode in the second schema

(46) Warning - The XmlNode 'xs:complexType->xs:sequence->xs:element[name='displayName']->xs:annotation->xs:documentation->#text' of type 'featureNameType' in the first schema is different from the same XmlNode in the second schema

(47) Warning - The XmlNode 'xs:complexType->xs:sequence->xs:element[name='displayName']->xs:annotation->xs:documentation->#text' of type 'featureNameType' in the first schema is different from the same XmlNode in the second schema

(48) Warning - The XmlNode 'xs:complexType->xs:complexContent->xs:extension->xs:sequence' of type 'FeatureType' in the first schema is different from the same XmlNode in the second schema

(49) Warning - The XmlNode 'xs:complexType->xs:annotation->xs:documentation->#text' of type 'fixedDateRangeType' in the first schema is different from the same XmlNode in the second schema

(50) Warning - The XmlNode 'xs:complexType->xs:annotation->xs:documentation->#text' of type 'fixedDateRangeType' in the first schema is different from the same XmlNode in the second schema

(51) Warning - The XmlNode 'xs:complexType->xs:sequence' of type 'fixedDateRangeType' in the first schema is different from the same XmlNode in the second schema

(52) Warning - The XmlNode 'xs:complexType->xs:sequence->#comment' of type 'frequencyPairType' in the first schema is different from the same XmlNode in the second schema

(53) Warning - The XmlNode 'xs:complexType->xs:sequence->#comment' of type 'frequencyPairType' in the first schema is different from the same XmlNode in the second schema

(54) Warning - The XmlNode 'xs:complexType->xs:sequence->#comment' of type 'frequencyPairType' in the first schema is different from the same XmlNode in the second schema

(55) Warning - The XmlNode 'xs:complexType->xs:sequence' of type 'graphicType' in the first schema is different from the same XmlNode in the second schema

(56) Warning - The XmlNode 'xs:complexType->xs:complexContent->xs:extension->xs:sequence' of type 'InclusionType' in the first schema is different from the same XmlNode in the second schema

(57) Warning - The XmlNode 'xs:complexType->xs:annotation->xs:documentation->#text' of type 'informationType' in the first schema is different from the same XmlNode in the second schema

(58) Warning - The XmlNode 'xs:complexType->xs:annotation->xs:documentation->#text' of type 'informationType' in the first schema is different from the same XmlNode in the second schema

(59) Warning - The XmlNode 'xs:complexType->xs:sequence->xs:element[name='text']->xs:annotation->xs:documentation->#text' of type 'informationType' in the first schema is different from the same XmlNode in the second schema

(60) Warning - The XmlNode 'xs:complexType->xs:complexContent->xs:extension->xs:sequence' of type 'InformationTypeType' in the first schema is different from the same XmlNode in the second schema

(61) Warning - The XmlNode 'xs:complexType->xs:complexContent' of type 'NauticalInformationType' in the first schema is different from the same XmlNode in the second schema

(62) Warning - The XmlNode 'xs:complexType->xs:complexContent->xs:extension->xs:sequence' of type 'NonStandardWorkingDayType' in the first schema is different from the same XmlNode in the second schema

(63) Warning - The XmlNode 'xs:complexType->xs:sequence' of type 'onlineResourceType' in the first schema is different from the same XmlNode in the second schema

(64) Warning - The XmlNode 'xs:complexType->xs:sequence' of type 'orientationType' in the first schema is different from the same XmlNode in the second schema

(65) Warning - The XmlNode 'xs:complexType->xs:sequence' of type 'periodicDateRangeType' in the first schema is different from the same XmlNode in the second schema

(66) Warning - The XmlNode 'xs:complexType->xs:complexContent->xs:extension->xs:sequence->#comment' of type 'PermissionType' in the first schema is different from the same XmlNode in the second schema

(67) Warning - The XmlNode 'xs:complexType->xs:complexContent->xs:extension->xs:sequence->#comment' of type 'QualityOfNonBathymetricDataType' in the first schema is different from the same XmlNode in the second schema

(68) Warning - The XmlNode 'xs:complexType->xs:complexContent->xs:extension->xs:sequence' of type 'QualityOfTemporalVariationType' in the first schema is different from the same XmlNode in the second schema

(69) Warning - The XmlNode 'xs:complexType->xs:sequence->xs:element[name='signalFrequency']' of type 'radiocommunicationsType' in the first schema is different from the same XmlNode in the second schema

(70) Warning - The XmlNode 'xs:complexType->xs:annotation->xs:documentation->#text' of type 'RecommendationsType' in the first schema is different from the same XmlNode in the second schema

(71) Warning - The XmlNode 'xs:complexType->xs:annotation->xs:documentation->#text' of type 'RecommendationsType' in the first schema is different from the same XmlNode in the second schema

(72) Warning - The XmlNode 'xs:complexType->xs:complexContent' of type 'RecommendationsType' in the first schema is different from the same XmlNode in the second schema

(73) Warning - The XmlNode 'xs:complexType->xs:annotation->xs:documentation->#text' of type 'RegulationsType' in the first schema is different from the same XmlNode in the second schema

(74) Warning - The XmlNode 'xs:complexType->xs:annotation->xs:documentation->#text' of type 'RegulationsType' in the first schema is different from the same XmlNode in the second schema

(75) Warning - The XmlNode 'xs:complexType->xs:complexContent' of type 'RegulationsType' in the first schema is different from the same XmlNode in the second schema

(76) Warning - The XmlNode 'xs:complexType->xs:annotation->xs:documentation->#text' of type 'RestrictionsType' in the first schema is different from the same XmlNode in the second schema

(77) Warning - The XmlNode 'xs:complexType->xs:annotation->xs:documentation->#text' of type 'RestrictionsType' in the first schema is different from the same XmlNode in the second schema

(78) Warning - The XmlNode 'xs:complexType->xs:complexContent' of type 'RestrictionsType' in the first schema is different from the same XmlNode in the second schema

(79) Warning - The XmlNode 'xs:complexType->xs:sequence' of type 'rxnCodeType' in the first schema is different from the same XmlNode in the second schema

(80) Warning - The XmlNode 'xs:complexType->xs:complexContent->xs:extension->xs:sequence' of type 'ServiceHoursType' in the first schema is different from the same XmlNode in the second schema

(81) Warning - The XmlNode 'xs:complexType->xs:sequence' of type 'sourceIndicationType' in the first schema is different from the same XmlNode in the second schema

(82) Warning - The XmlNode 'xs:complexType->xs:complexContent->xs:extension->xs:sequence' of type 'SpatialQuality' in the first schema is different from the same XmlNode in the second schema

(83) Warning - The XmlNode 'xs:complexType->xs:sequence' of type 'surveyDateRangeType' in the first schema is different from the same XmlNode in the second schema

(84) Warning - The XmlNode 'xs:complexType->xs:annotation->xs:documentation->#text' of type 'telecommunicationsType' in the first schema is different from the same XmlNode in the second schema

(85) Warning - The XmlNode 'xs:complexType->xs:sequence' of type 'telecommunicationsType' in the first schema is different from the same XmlNode in the second schema

(86) Warning - The XmlNode 'xs:complexType->xs:annotation->xs:documentation->#text' of type 'textContentType' in the first schema is different from the same XmlNode in the second schema

(87) Warning - The XmlNode 'xs:complexType->xs:sequence' of type 'textContentType' in the first schema is different from the same XmlNode in the second schema

(88) Warning - Naming difference between first- and second schema. Found 'TextPlacement' versus 'TextPlacementType'.

(89) Warning - The XmlNode 'xs:complexType->xs:sequence->xs:element[name='text']->xs:annotation->xs:documentation->#text' of type 'TextPlacement' in the first schema is different from the same XmlNode in the second schema

(90) Warning - The XmlNode 'xs:complexType->xs:sequence->xs:element[name='text']->xs:annotation->xs:documentation->#text' of type 'TextPlacement' in the first schema is different from the same XmlNode in the second schema

(91) Warning - The XmlNode 'xs:complexType->xs:sequence->xs:element[name='identifies']' of type 'TextPlacement' in the first schema is different from the same XmlNode in the second schema

(92) Warning - The XmlNode 'xs:complexType->xs:sequence' of type 'vesselsMeasurementsType' in the first schema is different from the same XmlNode in the second schema