Metadata
+ methodology :characterString
+ horizontalDatumReference :characterString = EPSG
+ horizontalDatumValue :int = 4326
+ heightUnit :characterString = meter
+ nextRevisionIssueDateAndTime :dateTime
+ isGrid :boolean
+ timeUncertainty :real [0..1]
+ horizontalPositionUncertainty :real [0..1]
+ verticalPositionUncertainty :real [0..1]
+ westBoundLongitude :real
+ eastBoundLongitude :real
+ northBoundLongitude :real
+ southBoundLongitude :real
+ verticalDatum :verticalDatum
+ ProducerCode :S62
+ typeOfWaterLevelData :typeOfWaterLevelData
+ purpose :purpose
+ copyright :copyright [0..1]
+ classification :classification [0..1]
review copyright attribute
«FeatureType»
WaterLevel
+ waterLevelHeightIncludingTide :real
+ waterLevelUncertainty :real [0..1]
+ waterLevelTrend :waterLevelTrend
«enumeration»
waterLevelTrend
not available = 1
steady = 2
decreasing = 3
increasing = 4
«Pre-condition»
{only permitted if isGrid=0}
«Pre-condition»
{only permitted if isGrid=1}
0..*
0..1
GM_Point
S100_GridCoverage
«Pre-condition»
{Mandatory if isGrid=1}
«Pre-condition»
{Mandatory if isGrid=0}
«FeatureType»
WaterLevelHighLow
+ stationName :characterString
«complexAttribute»
HighLowWaterLevel
+ highOrLow :boolean
+ waterLevel :real
+ date :dateTime
1..*
0..1
0..1
«FeatureType»
GridMetadata
+ landMask :real = -99
+ gridOriginLat :real
+ gridOriginLong :real
+ gridSpacingLat :real
+ gridSpacingLong :real
+ numberPointsLat :int
+ numberPointsLong :int
+ numberOfTimes :int
+ timeInterval :real
«FeatureType»
PointSetMetadata
+ numberOfTimes :int
+ timeInterval :real
to be completed
«enumeration»
verticalDatum
Mean Low Water Springs = 1
Mean Lower Low Water = 2
Mean Sea Level = 3
Lowest Low Water = 4
Mean Low Water = 5
Lowest Low Water Springs = 6
«enumeration»
purpose
New dataset = 1
New Edition = 2
Update = 3
Re-issue = 4
Cancellation = 5
«enumeration»
typeOfWaterLevelData
«enumerati...
classification
«enumerati...
copyright