

## Nautical Publications – Data Quality Schema

Schema **NPUBDQ.xsd**

Elements

[QualityOfNPInformation](#)

[S101\\_DataQuality](#)

[S101\\_QualityOfNonbathymetricData](#)

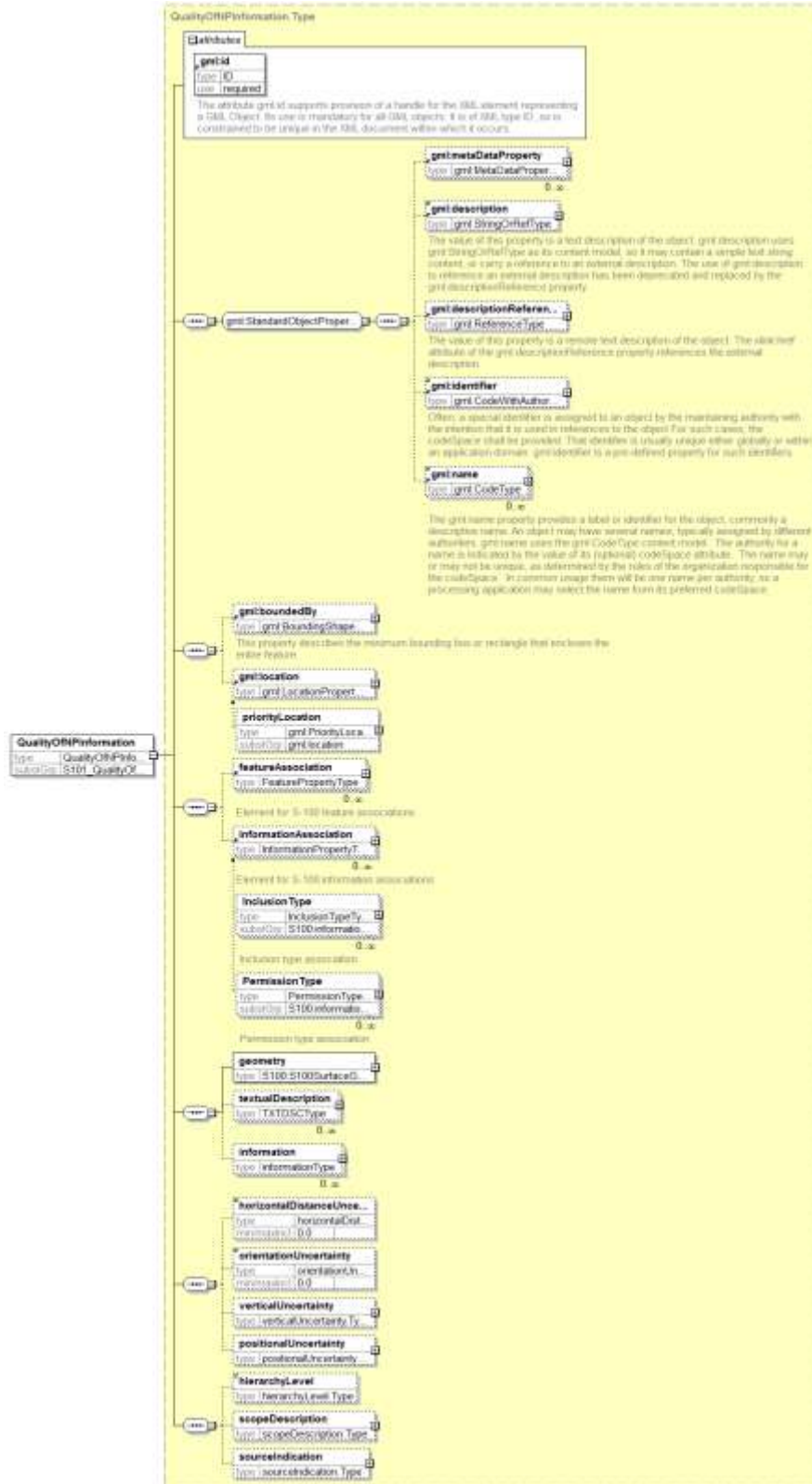
[S101\\_QualityOfTemporalVariation](#)

[S101\\_SpatialQuality](#)

[S101\\_SpatialQualityPoints](#)

# element QualityOfNPInformation

diagram



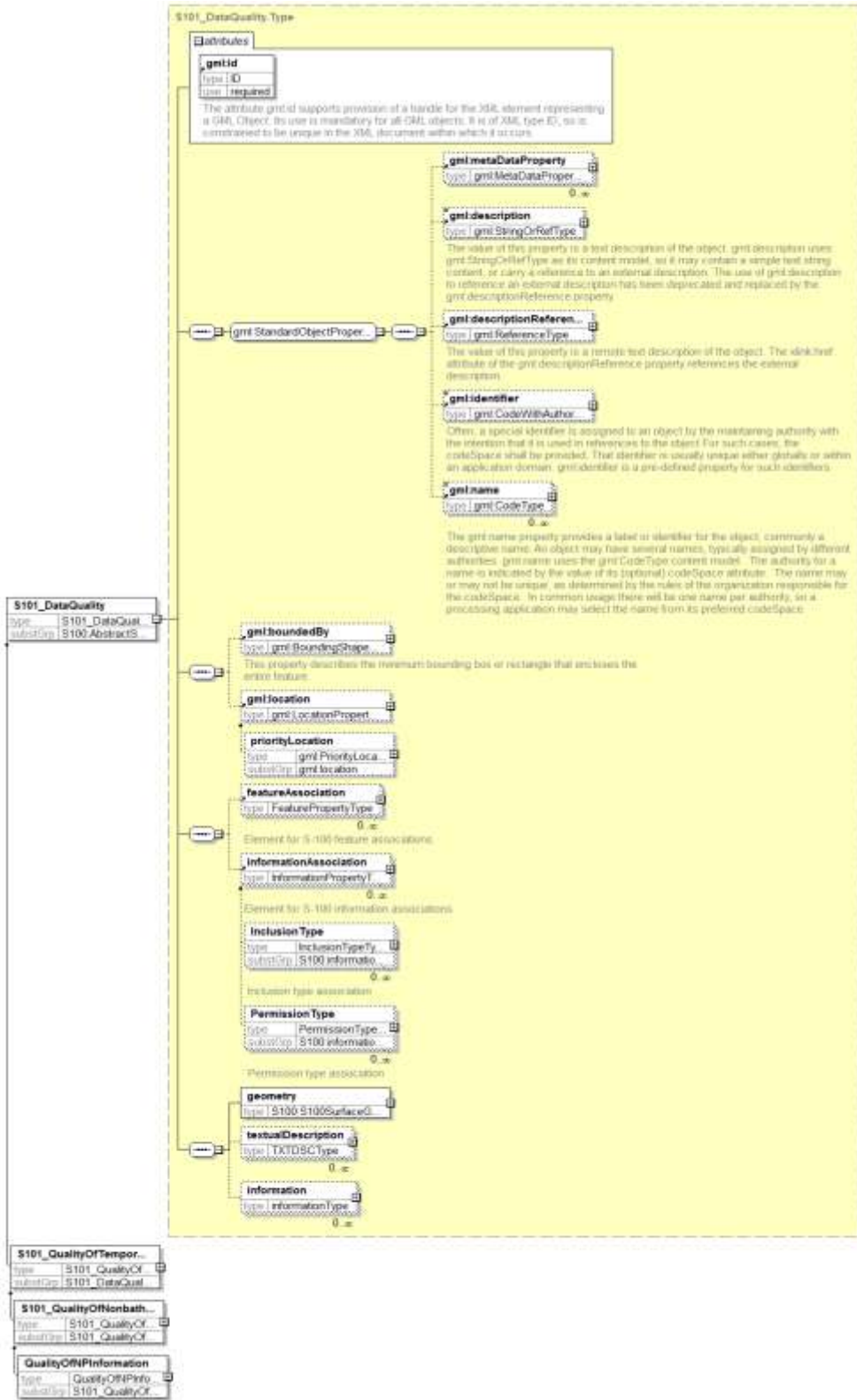
type

QualityOfNPInformation.Type

substitution group	<a href="#">S101_QualityOfNonbathymetricData</a>					
properties	content complex					
children	<b>gml:metaDataProperty gml:description gml:descriptionReference gml:identifier  gml:name gml:boundedBy gml:location featureAssociation  informationAssociation geometry textualDescription information  horizontalDistanceUncertainty orientationUncertainty verticalUncertainty  positionalUncertainty hierarchyLevel scopeDescription sourceIndication</b>					
attributes	Name gml:id	Type <b>xs:ID</b>	Use required	Default	Fixed	Annotation documentation The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.

# element S101\_DataQuality

diagram

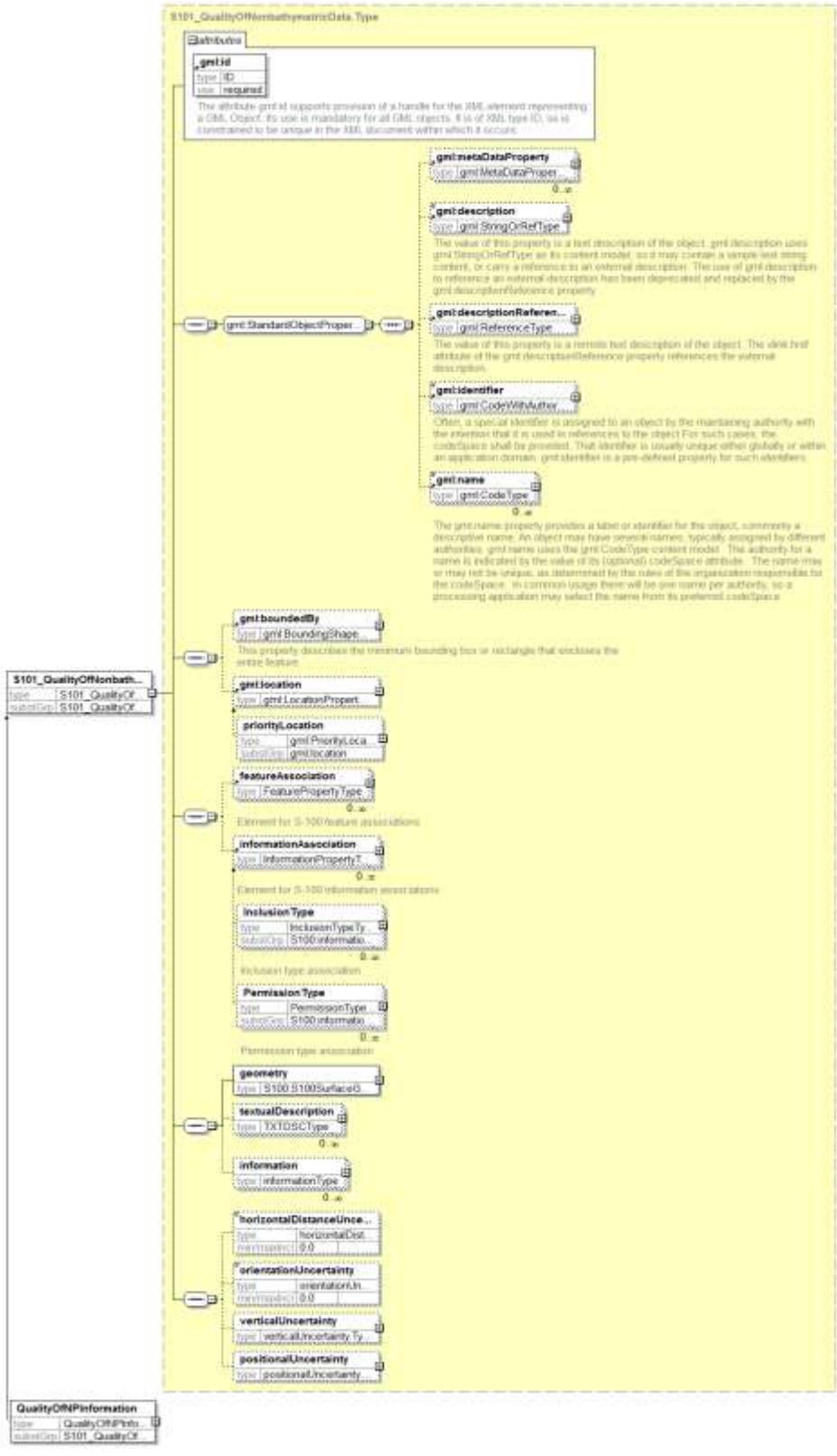


type **S101\_DataQuality.Type**

substitution group	<b>S100:AbstractS100Feature</b>					
properties	content complex					
children	<b>gml:metaDataProperty gml:description gml:descriptionReference gml:identifier gml:name gml:boundedBy gml:location featureAssociation informationAssociation geometry textualDescription information</b>					
attributes	Name gml:id	Type <b>xs:ID</b>	Use required	Default	Fixed	Annotation documentation The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.

element **S101\_QualityOfNonbathymetricData**

diagram

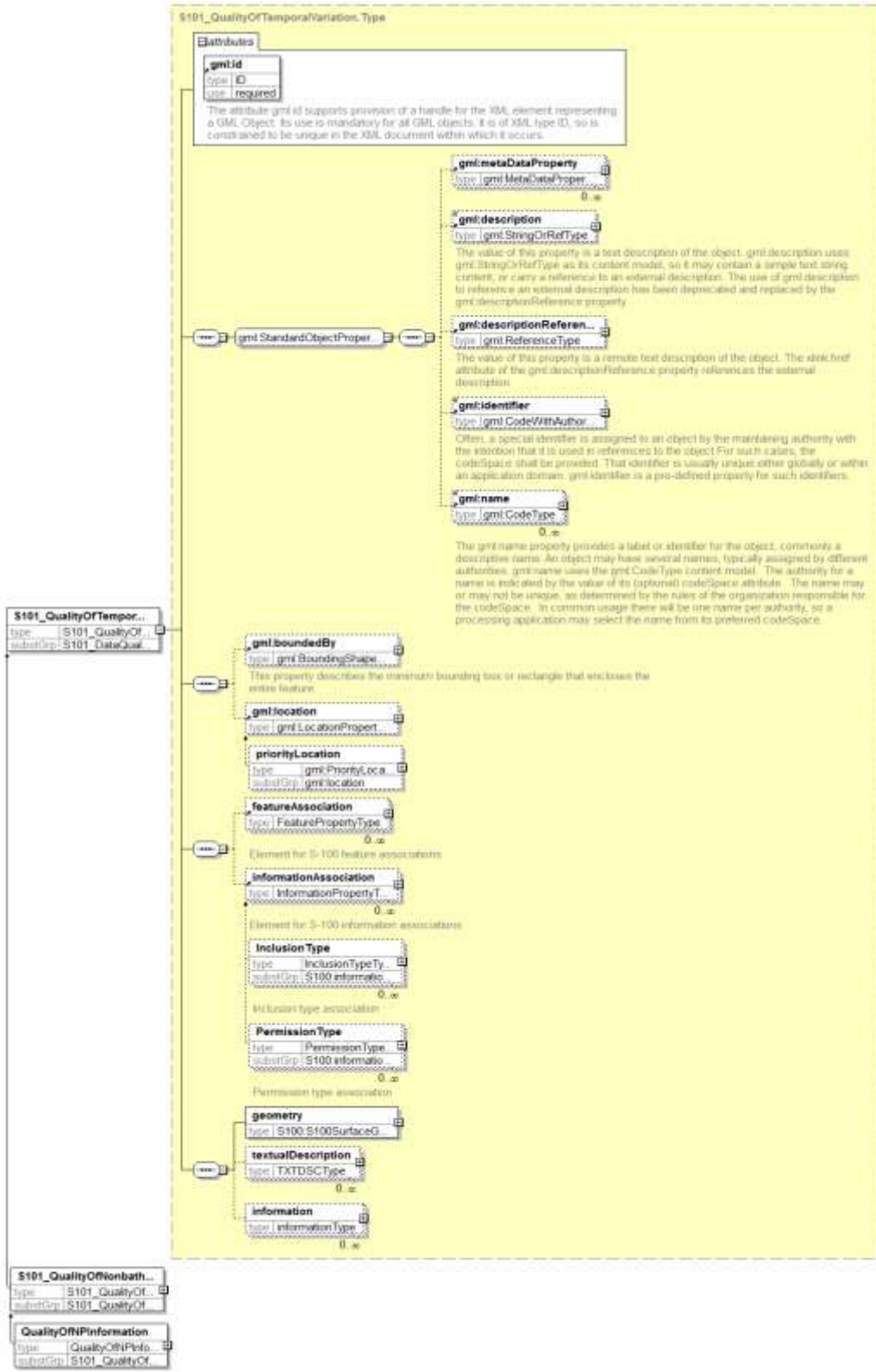


type **S101\_QualityOfNonbathymetricData.Type**

substitution group	<a href="#"><u>S101_QualityOfTemporalVariation</u></a>					
properties	content complex					
children	<b>gml:metaDataProperty gml:description gml:descriptionReference gml:identifier  gml:name gml:boundedBy gml:location featureAssociation  informationAssociation geometry textualDescription information  horizontalDistanceUncertainty orientationUncertainty verticalUncertainty  positionalUncertainty</b>					
attributes	Name gml:id	Type <b>xs:ID</b>	Use required	Default	Fixed	Annotation documentation The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.

# element S101\_QualityOfTemporalVariation

diagram



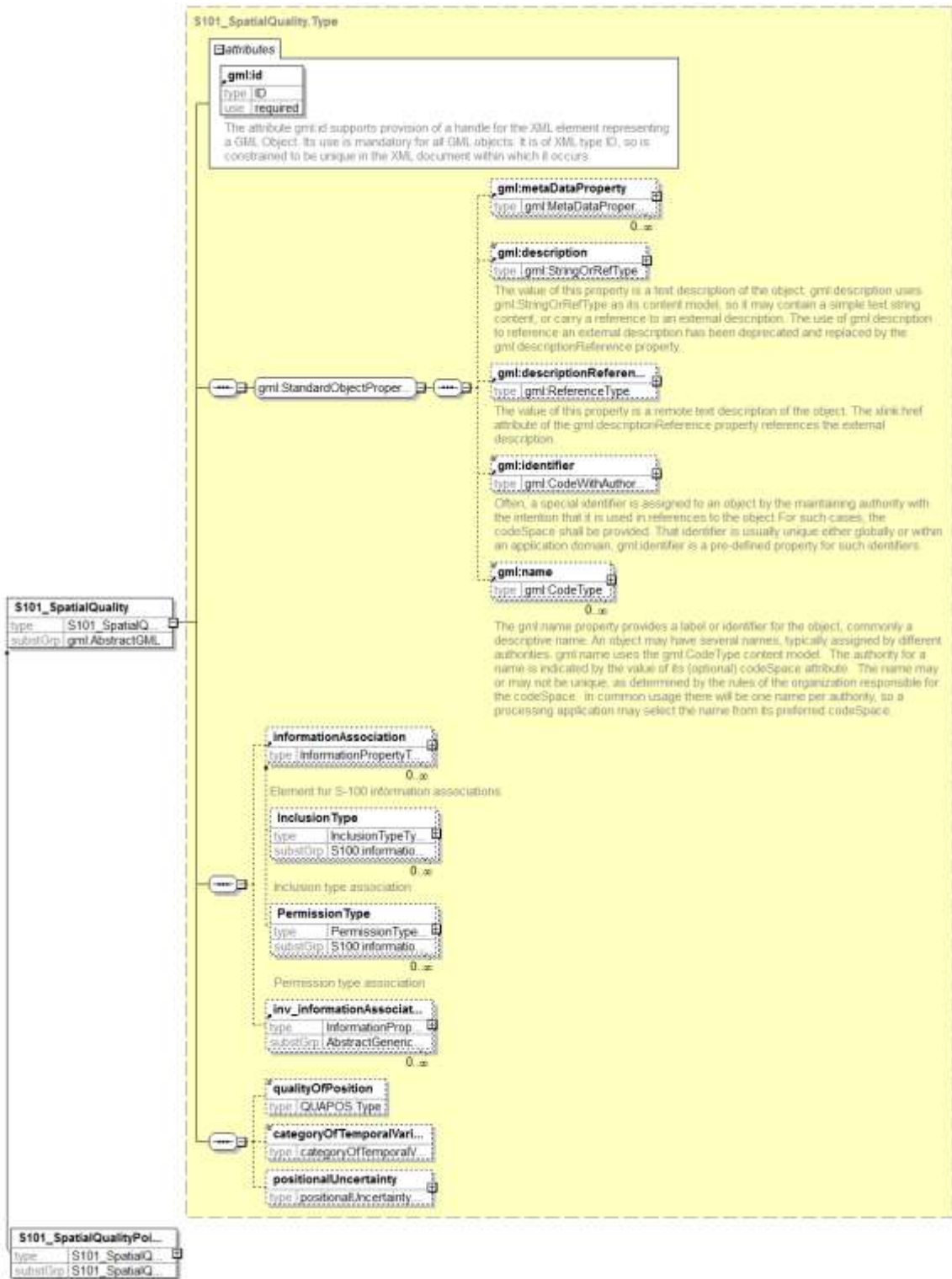
type **S101\_QualityOfTemporalVariation.Type**



substitution group	<a href="#"><u>S101 DataQuality</u></a>					
properties	content complex					
children	<b>gml:metaDataProperty gml:description gml:descriptionReference gml:identifier  gml:name gml:boundedBy gml:location featureAssociation  informationAssociation geometry textualDescription information</b>					
attributes	Name gml:id	Type <b>xs:ID</b>	Use required	Default	Fixed	Annotation documentation The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.

# element S101\_SpatialQuality

diagram



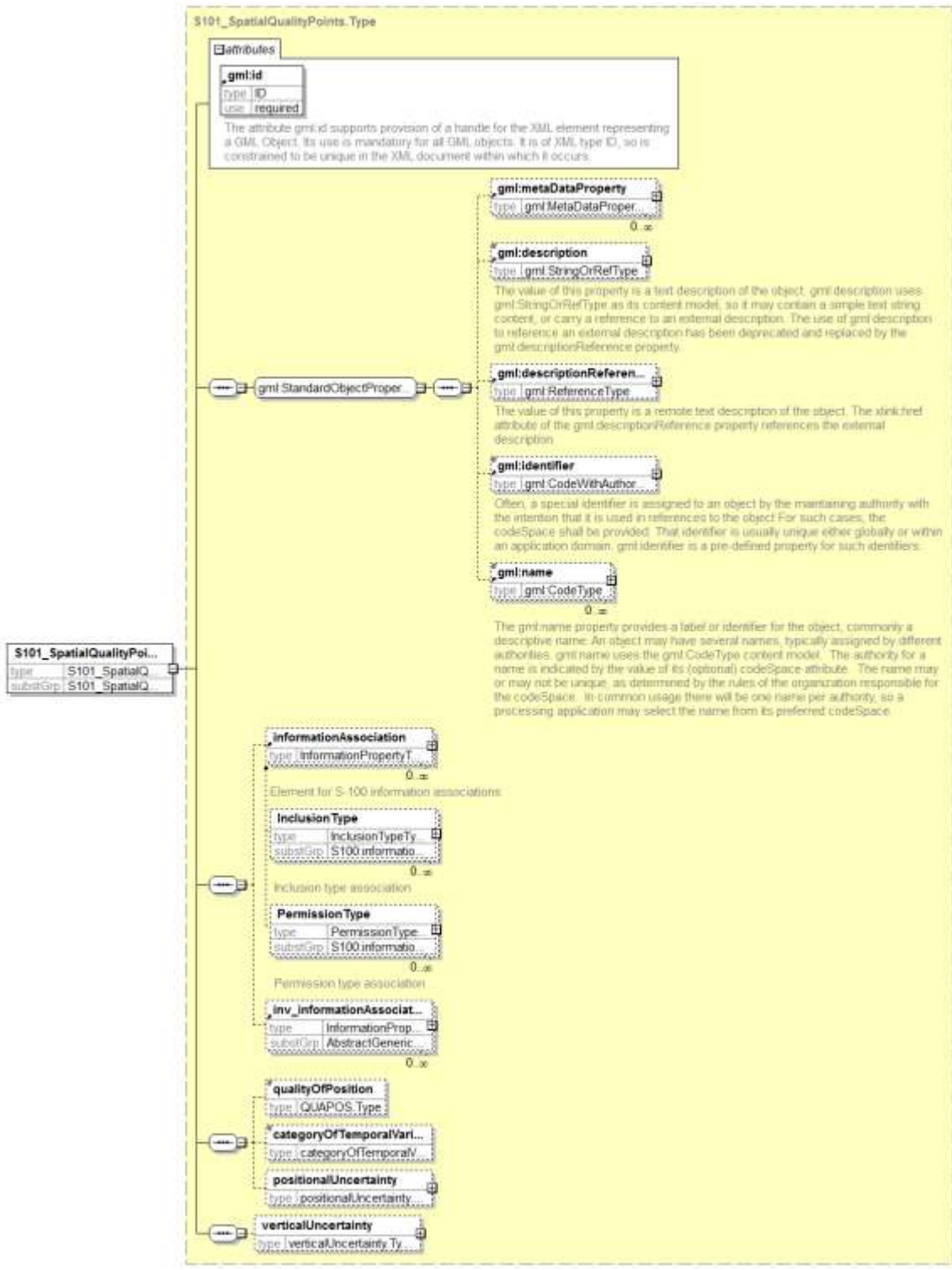
type **S101\_SpatialQuality.Type**

substitution group **gml:AbstractGML**

properties	content complex					
children	<b>gml:metaDataProperty gml:description gml:descriptionReference gml:identifier  gml:name informationAssociation inv_informationAssociation qualityOfPosition  categoryOfTemporalVariation positionalUncertainty</b>					
attributes	Name gml:id	Type <b>xs:ID</b>	Use required	Default	Fixed	Annotation documentation The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.

# element S101\_SpatialQualityPoints

diagram



type **S101\_SpatialQualityPoints.Type**

substitution group **[S101\\_SpatialQuality](#)**

properties	content complex					
children	<b>gml:metaDataProperty gml:description gml:descriptionReference gml:identifier  gml:name informationAssociation inv_informationAssociation qualityOfPosition  categoryOfTemporalVariation positionalUncertainty verticalUncertainty</b>					
attributes	Name gml:id	Type <b>xs:ID</b>	Use required	Default	Fixed	Annotation documentation The attribute gml:id supports provision of a handle for the XML element representing a GML Object. Its use is mandatory for all GML objects. It is of XML type ID, so is constrained to be unique in the XML document within which it occurs.