

## Nautical Publications – Metadata Schema

Schema **S100MD.xsd**

Elements

[S100\\_DataCoverage](#)

[S100\\_DatasetDiscoveryMetadata](#)

[S100\\_ExchangeCatalogue](#)

[S100\\_ExchangeSet](#)

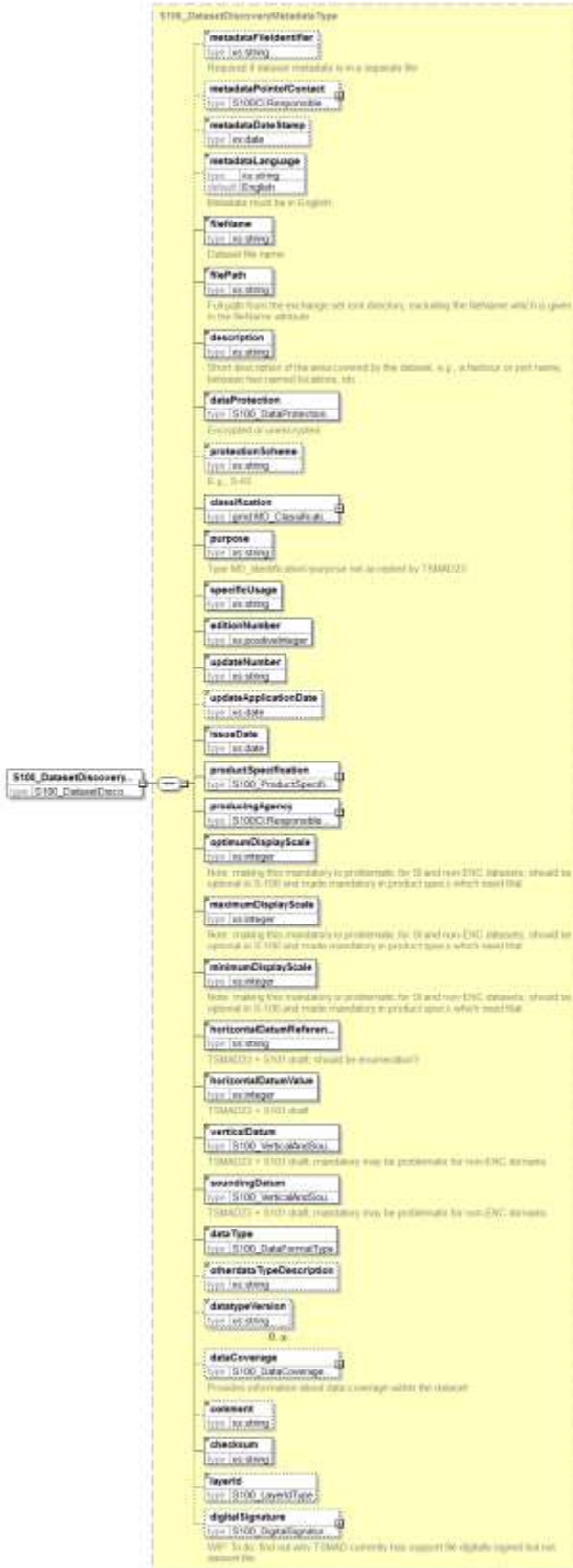
[S100\\_SupportFileDiscoveryMetadata](#)

element **S100\_DataCoverage**

diagram	
type	<b>S100_DataCoverageType</b>
properties	content complex
children	<b>ID boundingBox boundingPolygon maximumDisplayScale</b>

# element S100\_DatasetDiscoveryMetadata

diagram



type	<b>S100_DatasetDiscoveryMetadataType</b>
properties	content complex
children	<b>metadataFileIdentifier metadataPointofContact metadataDateStamp metadataLanguage fileName filePath description dataProtection protectionScheme classification purpose specificUsage editionNumber updateNumber updateApplicationDate issueDate productSpecification producingAgency optimumDisplayScale maximumDisplayScale minimumDisplayScale horizontalDatumReference horizontalDatumValue verticalDatum soundingDatum dataType otherdataTypeDescription datatypeVersion dataCoverage comment checksum layerId digitalSignature</b>
used by	complexType <b>S100_ExchangeCatalogueType</b>

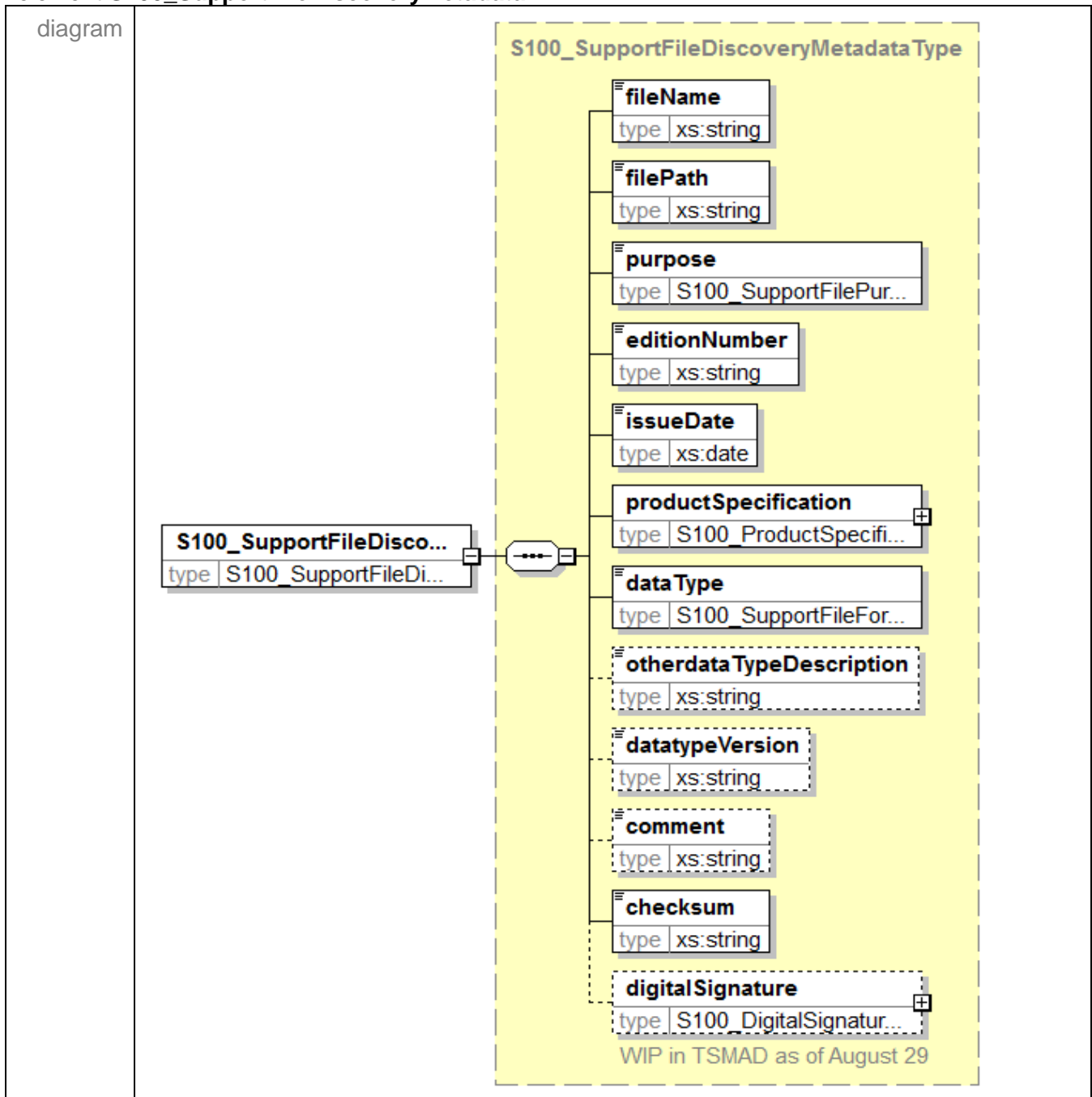
element **S100\_ExchangeCatalogue**

<p>diagram</p>	<p><b>S100_ExchangeCatalogue Type</b></p> <ul style="list-style-type: none"> <li><b>identifier</b> type   S100_Catalogue_Ide... Uniquely identifies this exchange catalogue</li> <li><b>contact</b> type   S100_CataloguePoin...</li> <li><b>productSpecification</b> type   S100_ProductSpecifi...</li> <li><b>exchangeCatalogName</b> type   xs:string</li> <li><b>exchangeCatalogDescri...</b> type   xs:string</li> <li><b>exchangeCatalogueCom...</b> type   xs:string</li> <li><b>compressionFlag</b> type   xs:string</li> <li><b>algorithmMethod</b> type   xs:string</li> <li><b>sourceMedia</b> type   xs:string</li> <li><b>replacedData</b> type   xs:string</li> <li><b>dataReplacement</b> type   xs:string Cell name</li> <li><b>S100_DatasetDiscovery...</b> type   S100_DatasetDisco... 0..∞ Based on figure 4a-D2 and text of 4a D-1.2 in S-100</li> <li><b>S100_SupportFileDisco...</b> type   S100_SupportFileDi... 0..∞ Based on figure 4a-D2 and text of 4a D-1.2 in S-100</li> </ul>
<p>type</p>	<p><b>S100_ExchangeCatalogueType</b></p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><b>identifier contact productSpecification exchangeCatalogName exchangeCatalogDescription exchangeCatalogueComment compressionFlag algorithmMethod sourceMedia replacedData dataReplacement <a href="#">S100_DatasetDiscoveryMetadata</a> <a href="#">S100_SupportFileDiscoveryMetadata</a></b></p>

element **S100\_ExchangeSet**

<p>diagram</p>	
<p>type</p>	<p><b>S100_ExchangeSetType</b></p>
<p>properties</p>	<p>content complex</p>
<p>children</p>	<p><b>aggregateFile partOf aggregateCatalogue superSet subSet</b></p>

element **S100\_SupportFileDiscoveryMetadata**



type	<b>S100_SupportFileDiscoveryMetadataType</b>
properties	content complex
children	<b>fileName filePath purpose editionNumber issueDate productSpecification dataType otherdataTypeDescription datatypeVersion comment checksum digitalSignature</b>
used by	complexType <b>S100_ExchangeCatalogueType</b>