

S-104 1.1.0 comments and editorial observations

Date: 19-01-2024

Document: **S-104 1.1.0**

1	2	(3)	4	5	(6)	(7)	
Component	CO ¹	Clause No./ Subclause No./ Annex (e.g. 3.1)	Paragraph/ Figure/ Table/ Note (e.g. Table 1)	Type of comment ²	Comment (justification for change) by the CO ³	Proposed change by the CO	Secretariat observations on each comment submitted
PS	PRIMAR	1.7	Maintenance	ge	<p>Last sentence: “A new edition will be released every 5-10 years depending on technological advances”.</p> <p>Bit of an odd statement considering unknown future need for updating the Specification. The need for updating could for example emerge from the discovery of critical errors in the framework – that will require updating. Such a scenario may not have anything to do with technological advances.</p> <p>Also, cannot recall similar statements in other Product Specifications.</p>	Consider to remove sentence.	
PS	PRIMAR	4.5.1	Subsection 1	ed	<p>References to S-100 are incorrect, should be (at least) 8-10.1.2.</p> <p>(Take into consideration this is true for S-100 5.0.0. Future alignments of S-104 Product Specification to for example S-100 5.2.0 may require updated reference)</p>	Correct reference.	
PS	PRIMAR	4.5.1	Subsection 2	ed	<p>Reference to S-100 is incorrect, should be 8-8.3</p> <p>(Take into consideration this is true for S-100 5.0.0. Future alignments of S-104 Product Specification to for example S-100 5.2.0 may require updated reference)</p>	Correct reference.	
PS	PRIMAR	5.2	Last sentence	ge	<p>Last sentence: “The vertical datum must be consistent with the bathymetric CRS in S-102”.</p> <p>Considering the first sentence in 7.5.1, stating that datasets intended for navigation must use the same CRS as the underlying ENC, 5.2 last sentence could be updated to reflect this accordingly.</p>	Consider amending the sentence.	

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3 Whilst not compulsory, comments are more likely to be accepted if accompanied by a proposed change.

NOTE Columns 1, 2, 4, 5 are compulsory.

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					Suggested amended sentence: For navigation, the vertical datum must be consistent with the bathymetric CRS in the underlying S-101 and S-102.		
PS	PRIMAR	7.2.1	Last bulletpoint	te	<p>Because of S-100 TSM9 Action 9/28: “S-100 WG chair to inform S100 Project Teams that ISOmetadata should be not considered in the navigational products”.</p> <p>Consider to remove support for the ISOmetadata file from S-104 Product Specification.</p> <p>This proposal will require the need to remove/update ISO metadata file references from (at least) the following destinations in the Product Specification:</p> <ul style="list-style-type: none"> 8.2.6 11.2.6 11.2.7 12.1 12.1.1 12.1.2 12.2.1 12.2.13 12.2.14 12.2.16 12.2.17 <p>(A thorough scan of the Product Specification to ensure all ISO metadata references are removed, is</p>	Remove support for the ISO metadata file from the Product Specification.	

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					recommended).		
PS	PRIMAR	7.5.1		ge	Related to comment on chapter 5.2 above. Consider to incorporate S-102 in the sentence: Datasets intended for use in navigation must use the same CRS as the underlying S-102 and ENC.	Consider amending the sentence.	
PS	PRIMAR	7.7.1		ge	Related to comment on chapter 5.2 and 7.5.1 above. Consider to add a new bullet point: <ul style="list-style-type: none"> The S-104 dataset uses the same CRS and vertical datum as an underlying (or overlapping) S-102 dataset. 	Add new bullet point.	
PS	PRIMAR	7.7.2	Bullet point	ge	It is stated that a portrayal catalogue is available for this S-104 edition. This is confusing when in reality there is no portrayal catalogue available for S-104 1.1.0. Propose to remove bullet point until a catalogue exists.	Consider to remove bullet point.	
PS	PRIMAR	8.2.3.2		ge	For consideration of S-100 5.2.0 alignment: S-100 allows 2 types of cancellations, file-based and file-less. It should be further decided if S-104 supports either one or both, and this should be further described in the Product Specification.	Consider expanding the Product Specification cancellation support.	
PS	PRIMAR	9.1	2 nd sentence	ge	Sentence: "Three types of data are discussed in depth". Reading further it is stated that: the first is point	Mention a third type, or amend sentence about three types accordingly.	

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					data... The second is regularly gridded data... A third type is not explicitly mentioned. Suggest to explicitly mention a third type or amend sentence about three types accordingly.		
PS	PRIMAR	10.2.2	Figure 10.1	te	In the relationship between FeatureContainer (WaterLevel) and FeatureInstanceGroup (WaterLevel.NNN) - should the multiplicity be one-to-many [1..*]? Table 10.2 indicates multiple (at least 2) Feature Instances are possible, and Level 2 description below the figure states that the Feature Container Group contains one or more Feature Instance Groups.	Consider correcting multiplicity.	
PS	PRIMAR	10.2.2	Table 10.2	ed	Level 1 column: Change General Metadata reference from Table 12.3 to Table 12.1. Level 2 column: Change Feature Type Metadata reference from Table 12.4 to Table 12.2.	Update references.	
PS	PRIMAR	12.2.4	Attribute datasetID	ed	In Remarks: Use statement "Mandatory in S-104" (In red bold text) to align with established practice elsewhere in those tables.		

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