

Hydrographic Services and Standards Committee

Report of the S-101 Project Team



Principal activities and achievements

- Meeting
 - S-101PT Meeting, 19-21 June 2018, IHO Secretariat, Monaco



Principal activities and achievements

- Meeting
 - S-101PT Meeting, 19-21 June 2018, IHO Secretariat, Monaco
- Membership
 - 19 attendees from 11 Member States
 - 11 Expert Contributors (PRIMAR, ESRI, Teledyne, SevenCs, UST21, KRISO)
 - Chair/Vice Chairs (S-100WG, NCWG, ENCWG, DQWG, NIPWG)
- Proposal to align future ENCWG and S-101PT meetings
 - 17 out of 30 attendees also attend ENCWG
 - ENCWG holds 3 day meeting, S-101PT to follow at same location remaining 2 days
 - Next meeting with ENCWG 10-14 June 2019 in Monaco
 - Maximize attendance to both venues
 - Gain efficiencies for travel costs for all participating Hydrographic Offices and industry



Future work programme

❖ Plan for S-101 Edition 1.1.0

- Remaining action items deemed resolvable within the next calendar year
 - 6 comments and editorial observations for the S-101 Main Document
 - 14 comments and editorial observations for the S-101 Data Content and Encoding Guide
 - Feedback from initial industry implementation efforts.
- S-101 Portrayal Catalogue
 - S-101 Portrayal gap analysis
- Validation Checks
- ANY new proposals deemed resolvable within the calendar year
- Planned timeframe for Edition 1.1.0 is December 2019.

S-101PT comments and editorial observations							Date: 15 May 2018	Document: S-101 Ed 1.0.0 (Main)
1	2	3	4	5	6	7	8	
Comments	CO ¹	Clause No./ Subclause No. (e.g. 2.1)	Paragraph (e.g. 2.1.1)	Type of change ²	Comment (justification for change by the CO ¹)	Proposed change by the CO	Editorial observations or each comment submitted	
	HD Sec	BS 1.1	FIG.2	SI	"SI" should be not defined anywhere other than in S-101 or S-102 or S-103.	Define SI. Provide within S-101 and/or S-101 or use alternate term.	For discussion of S-101PT.	
	HD Sec	BS 1.27	FIG.1	SI	"SI" S-102 (Fig. 1.2.2.2) in the Data Description text for RAS, the RAS is not presented by S-101 - 10a-5.2.2, so would also need to be included here.	Remove "SI". NOTE: The same situation exists in S-101 - 10a-5.2.2, so would also need to be included there.	Change made. For consideration of S-101PT.	

S-101PT comments and editorial observations							Date: 15 May 2018	Document: S-101 Ed 1.0.0 (Main)
1	2	3	4	5	6	7	8	
Comments	CO ¹	Clause No./ Subclause No. (e.g. 2.1)	Paragraph (e.g. 2.1.1)	Type of change ²	Comment (justification for change by the CO ¹)	Proposed change by the CO	Editorial observations or each comment submitted	
	CO	BS 1.22	Suppress raster text	SI	The text has only one subject.	Remove all subject except RTP from the table.		
	HD Sec	BS 1.31	FIG.1	SI	"Association" or "Association Role"? Suggest the Association Role. NOTE: Investigate this.	Amend "Association" to "Association Role".	Change made. For consideration of S-101PT.	

S-101PT comments and editorial observations							Date: 15 May 2018	Document: S-101 Ed 1.0.0 (Main)
1	2	3	4	5	6	7	8	
Comments	CO ¹	Clause No./ Subclause No. (e.g. 2.1)	Paragraph (e.g. 2.1.1)	Type of change ²	Comment (justification for change by the CO ¹)	Proposed change by the CO	Editorial observations or each comment submitted	
	HD Sec	BS 1.17	FIG.1	SI	Should height be included in the Comment for Z coordinate by CHL - 3 C only used for sounding?	Remove "height".	For discussion of S-101PT.	

1 CO = Contributing Organization (COs should use 2 character codes e.g. FR, AU etc.)
 2 Type of change: SI = structural, SI = structural, SI = structural, SI = structural
 3 Where no compulsory comments are more likely to be accepted if accompanied by a proposed change.
 NOTE: Columns 1, 2, 3, 4 are compulsory.

page 26 of 27



Future work programme

❖ Plan for S-101 Edition 2.0.0

- Remaining action items deemed more complex & require a longer timeframe for solution
 - 8 comments and editorial observations for the S-101 Main Document
 - 12 comments and editorial observations for the S-101 Data Content and Encoding Guide
- Portrayal
- Unresolved or new feedback from initial industry implementation efforts
- Any new proposals not deemed essential for Edition 2.0.0.
- Components for Encryption and Alerts and Indications
- S-101 Full Test Data Sets for Type Approval to be partially completed
- Planned publication timeframe for Edition 2.0.0 is December 2020

S-101PT comments and editorial observations							Date: 15 May 2018	Document: S-101 Ed 1.0.0 (Main)
1	2	(3)	4	5	(6)	(7)	(8)	
Comments	CO ¹	Clause No./Table No./ Annex (e.g. 2.1)	Paragraph Number (e.g. 2.1.1)	Type of comment ²	Comment/Justification for change by the CO ¹	Proposed change by the CO	Remarks/observations for each comment/observation	
	HD Sec	B6.1.12	NARC	nd	'AssociationFlow' or 'AssociationFlow'? Suggest this should be the latter. (NOTE: Investigation has found the same issue in S-100, where the syntax is inconsistent.)	Amend 'AssociationFlow' to 'AssociationFlow'.	Change made. For consideration of S-101PT.	
	TCs	B6.1.22	Signature field	ga	The field has only one subfield.	Remove all subfield except NTP from the table.		

S-101PT comments and editorial observations							Date: 15 May 2018	Document: S-101 Ed 1.0.0 (Main)
1	2	(3)	4	5	(6)	(7)	(8)	
Comments	CO ¹	Clause No./Table No./ Annex (e.g. 3.1)	Paragraph Number (e.g. 3.1.1)	Type of comment ²	Comment/Justification for change by the CO ¹	Proposed change by the CO	Remarks/observations for each comment/observation	
	HD Sec	B6.1.14	YCOO	tr	As for 6.1.7 above (refer to S-100 – 106-6.3.3).	Remove "" from Label.	Change made. For consideration of S-101PT.	
	HD Sec	B6.1.31	RINR	tr	Refer to 100.106.5.11.4. In the Data Descriptive Table for RINR and associated table the RINR subfield is not preceded by a ""	Remove "".	Change made. For consideration of S-101PT.	

S-101PT comments and editorial observations							Date: 15 May 2018	Document: S-101 Ed 1.0.0 (Main)
1	2	(3)	4	5	(6)	(7)	(8)	
Comments	CO ¹	Clause No./Table No./ Annex (e.g. 3.1)	Paragraph Number (e.g. 3.1.1)	Type of comment ²	Comment/Justification for change by the CO ¹	Proposed change by the CO	Remarks/observations for each comment/observation	
	HD Sec	B6.1.13	YCOO	tr	Label does not match the label for COPT in S-100 (refer to S-100 – 106-6.2).	Remove "" from Label.	Change made. For consideration of S-101PT.	
	HD Sec	B6.1.31	NARC	nd	'AssociationFlow' or 'AssociationFlow'? Suggest this should be the latter. (NOTE: Investigation has found the same issue in S-100, where the syntax is inconsistent.)	Amend 'AssociationFlow' to 'AssociationFlow'.	Change made. For consideration of S-101PT.	

¹ CO = Contributing Organization (ICs) should use 2-character codes (e.g. PH, AU, etc.)
² Type of comment: ga = general; tr = technical; nd = editorial
³ When no consistency comments are shown, they are to be accepted unreservedly by a proposed change.
 NOTE: Columns 1, 2, & 3 are compulsory.

page 26 of 27



Action requested of HSSC

- The HSSC11 is invited to:
 - a. note the contents of this report.

