

S-101PT comments and editorial observations

Comments from Australia (Alvaro)

Date: 15/06/20

Document: **S-52 Preslib Ed 4.0.3 Part I**

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
	AU	Foreword	p. ix	ed	Table detailing clarifications made to create S-52 Presentation Library Edition 4.0(.2) – ‘Flood dock’ does not exist	Replace ‘Flood dock’ with ‘Floating dock’ (x3). Also replace the term ‘point’ with ‘line’ (see red font): <i>‘Update the Forward of S-52 to reflect true change Flood Dock, area, display priority 2, Flood Dock, point, display priority 5’</i>	
	AU	Foreword	p. xvi	ed	‘Change control History Since 1966’ table is missing a row for the previous edition (4.0.2).	Add new row at the bottom of the table.	
	AU	Foreword	p. xiv	ge	The table that details the clarifications made to create S-52 Presentation Library Edition 4.0(.3) is missing a few entries.	Update the table using the version provided by AU as reference.	
	AU	16.2		ed	‘ECDIS SYMBOLS – Depths, currents, etc. (H,I)’ plot missing M_QUAL object (top left).	ECDIS Chart 1 set up instructions listed in file Readme.txt, direct users to ‘select Display Category Other’. This would indicate that the expectation is for mariners to turn on all the viewing groups (including 31010 that controls M_QUAL display). Despite this, the last entry in the readme file requests users to use ‘Select Accuracy’ when looking at a specific ENC. The ‘Readme.txt’ file may need to be looked at for this and other issues (see below).	
		16.2		ed	‘ECDIS SYMBOLS – Buoys and beacons (Q)’ Incorrect M_NSYS symbology (x2). Both M_NSYS areas at the bottom of the image have the attribute ORIENT populated. Based on this and applying the corresponding CSP, the area symbology shouldn’t display the letters ‘A’ and ‘B’.	The existence of another M_NSYS area object (with no ORIENT populated) covering the rest of the ‘Buoys and beacons (Q)’ area, and sharing internal boundaries with the other 2 smaller M_NSYS objects, is causing display priority issues in this particular brand of ECDIS (all M_NSYS area objects have the same DP). Recommend deleting M_NSYS covering the	

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						whole 'Buoys and beacons (Q)' area from ECDIS Chart 1 ENC AA4C1XMS.	
	AU	16.2	ECDIS Chart 1 symbols plots	ed	Some ECDIS settings mentioned in Readme.txt refer to specific 'plot numbers' but these numbers are not visible in the document.	<ol style="list-style-type: none"> 1. Recommend allocating each Plot in section 16.2 a number. 2. Make sure that the plot numbers referenced in the Readme.txt file are correct. Now seems to be an error: where it says '(numbers 11 and 13)' should say '(numbers 10 and 12)'. 	
	AU	ECDIS Chart 1 'Readme.TXT'		te	Plot 'Depths, Currents, etc. (H, I)' (#6) shows the 'Shallow water pattern' in the image corresponding to 'areas of less depth than the safety contour'.	<p>In order for this to be visible in ECDIS, an additional instruction to turn the 'shallow water pattern' on must be added to the set-up instructions provided in the Readme.txt file.</p> <p>Update Foreword p. xiv table of contents by including entry describing the changes to the Readme.txt file.</p>	
	AU	ECDIS Chart 1 'Readme.TXT'		te	The first plot for 'Information about chart display (AB)' contains a navigational aid encoded with DATEND = 27-08-2014. In order for this buoy to be visible in ECDIS, the 'Date dependent' option must be turned On first and the 'Date dependency' setting must include 27-8-14. ECDIS default option is usually set to 'Use current date and time'.	<p>Include set-up instruction in Readme.txt file.</p> <p>Update Foreword p. xiv table of contents by including entry describing the changes to the Readme.txt file.</p>	
	AU	ECDIS Chart 1 'Readme.TXT'		te	Numerous plots include the 'Information' and/or 'Date dependent' symbology – SY(INFORM01); SY(CHDATD01). In order for this symbology to be visible in ECDIS, the corresponding 'Highlight' ECDIS function must be turned On first.	<p>Include set-up instruction in Readme.txt file.</p> <p>Update Foreword p. xiv table of contents by including entry describing the changes to the Readme.txt file.</p>	
	AU	16.2		te	'Port features (F)'. Symbol OBSTRN11 does not display as expected, Drawing instructions may be	Amend symbol display and replace plot.	

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					<p>corrupted in the ECDIS used to get the screenshot for the S-52 plot.</p> <p>The symbol displays correctly in the ECDIS used at the AHO.</p>		
	AU	16.2		te	<p>'Seabed, obstructions, pipelines, etc (J,K,L).</p> <p>The screenshot used for this S-52 plot does not reflect the latest changes to ENCA AC1JKL. These changes include amendments to the encoding of all the OBSTRN line features on the top right corner of the image.</p>	<p>Load latest version of AAC1JKL and generate new screenshot.</p> <p>We also recommend (to avoid encoding duplication with the second object from the top - 'Line obstruction, shallower than Safety depth') editing the bottom OBSTRN line feature text from 'Dangerous line obstruction' to 'Line obstruction, unknown depth' and changing VALSOU from 7m to 'Unknown'.</p>	
	AU	16.2		te	<p>'Buoys and beacons (Q)'. – Both Plots - 'Navigational system of marks' section.</p> <p>Legends are not clear enough as to identify the symbology displayed.</p> <p>The 3 screenshots at the bottom of the plot are missing the central symbol (DIRBOYnn). In order to see these symbols, the viewing scale has to be enlarged to 1:5000.</p> <p>There's an M_NSYS object covering the whole plot area and excluding the 4 smaller areas symbolised at the bottom of the cell. We have noticed that some ECDIS display 'double' line symbology as M_NSYS objects share geometry. In order to avoid this possible scenario we recommend deleting the M_NSYS that covers the whole plot are (AA5C1QO1 and AA5C1QO2).</p>	<p>Recommendations:</p> <ol style="list-style-type: none"> 1. Move (or duplicate) the screenshot containing the 1:5000 plots from the second to the first plot. 2. Rename 'IALA A' to 'IALA A, with direction of buoyage'. The object has ORIENT populated. 3. Rename 'IALA B' to 'IALA B, with direction of buoyage'. The object has ORIENT populated. 4. Rename 'no or other system' to 'Other system'. MARSYS is equal to 10 (other system). 5. Add legend 'Any system with unspecified direction of buoyage' to the elongated (MARSYS=9 – no system) object that is currently unnamed. The staggered A/B pattern applies to any M_SYS that has 	

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						ORIENT unpopulated.	
	AU	13.2.5	figure 13	ed	CSP UDWHAZ04 has been replaced with UDWHAZ05.	Amend text 'UDWHAZ04 result?' to 'UDWHAZ05 result?' – Two times.	
	AU	13.2.4		ed	Text ' Error! Reference source not found. ' exists twice within the section.	Delete or replace with meaningful content.	
	AU	13.2.4		ed	Incorrect spelling: ECDOS instead of ECDIS	Fix typo.	
	AU	18.2.4	1 st Paragraph	ed	The Chart 1/ Clour test package consists of fourteen S-57 cell files, not thirteen. The S-57 files of ECDIS Chart 1 consists of twelve detail cells, not eleven.	Replace the beginning of the 1 st paragraph with: The Chart 1 / Colour Test package consists of the fourteen S-57 cell files described below. The S-57 files of the ECDIS Chart 1 consists of twelve detail cells and an the index cell. The detail cells contain all of the symbols used on ECDIS, excluding Mariners' Navigational Objects, plus some explanatory diagrams.	
	AU	18.2.4	Last Paragraph	te, ed	The PRSP field for all ECDIS Chart1 ENC has been set to 2 and not to 3.	Consider deleting the last part of the paragraph: <i>The IHO agency code (1810) is used in the AGEN sub-field of the DSID field, and the PRSP field is given the value {3} to distinguish it from the values used for the ENC Product Specification.</i>	
	AU	18.2.7	1 st paragraph	te	Not all Chart1 files are symbolised using NEWOBJ. In fact only a small number do.	Consider reviewing the content of this paragraph to better represent the way ECDIS Chart1 ENC are built up.	
Support files affected by S-52 PL 4.0.(3)							
	AU	S-52 PresLib Ed 4.0.2 Part I App C Look-up		ed	Viewing group for a BRIDGE's OBJNAM text is incorrect. It should be 26 (refer to S-52 Part I section 14.4).	Amend viewing group from 21 to 26. TX(OBJNAM,3,1,2,'15110',1,0,CHBLK,21); to	

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		Table Areas Symbolized Boundaries				TX(OBJNAM,3,1,2,'15110',1,0,CHBLK,26); Update Foreword p. xiv table of contents by including entry describing the changes to the PresLib_e4.0.2.dai file.	
	AU	PresLib_e4.0 .2.dai		te	CHRVID01, CHDATD01 and CHRVID02 draw incorrectly. Refer to ENCWG4Action 5.2.	Remove extra field that was found. Update Foreword p. xiv table of contents by including entry describing the changes to the PresLib_e4.0.2.dai file. Amended file to be supplied to OEMs.	
	AU	ECDIS Chart1 ENC		te	All cells have been reviewed and amended to support new S-52 PL 4.0(.3), Part I plots and to standardise their metadata to improve version control.	Latest files to be supplied to OEMs.	

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