

IHO CSMWG-18
Cape Town, South Africa, 7-9 May 2008
[including a combined TSMAD-CSMWG meeting on 7 May]

Last update 4 Feb 2008

S-52 Chart Presentation Bulletins (CPB)

The S-52 Chart Presentation Bulletins are placed here to communicate information concerning portrayal and update issues related to ECDIS and ENC production. They may influence ENC producers' encoding practices and should be consulted in conjunction with the [S-57 Encoding Bulletins](#). Each Bulletin explains a particular ECDIS portrayal issue, recommended procedures for addressing the issue and the consequences of not following the recommended procedures.

NOTE: all changes described in S-52 Bulletins are **strong recommendations** and do NOT override existing IMO, IHO nor IEC related standards or specifications.

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S-52-CPB-No 1: S-57 encoding of FSPT/USAG (CSMWG14 Action 31)

In very rare cases a depth (DEPARE) or dredged area (DRGARE) boundary may coincide exactly with a cell boundary. Encoding nations should be aware that in this case, a break or gap will appear in the safety contour along that part of the cell boundary. It should be noted that alarms or indications will still be generated for the DEPARE or DRGARE in this situation.

S-52-CPB-No 2: New S-52 conditional symbol procedure (CSP) for WRECKS (CSMWG14 Action 32) - updated January 2008

PresLib Edition 3.3 included changes to the CSP for wrecks. As the depths of tankers have increased in recent years up to 35 metres, this CSP **does not** take into account CATWRK = 1 (non-dangerous). When no VALSOU is provided, the CSP calculates a value for VALSOU using the formula in M-4 B-422.7 (original version). It was suggested by the CSMWG that better encoding of wrecks (including the population of VALSOU when possible) must be the responsibility of the encoding HOs. The IHO CSMWG has undertaken a major review of B-422 Wrecks, Foul Ground, Obstructions, and sections B-422.5, B-422.6 and B-422.7 have been substantially updated - see Edition 3.004 which can be freely downloaded from the IHO website. ENC encoders are encouraged to provide an estimated depth or safe clearance, when the actual depth of a wreck is unknown.

S-52-CPB-No 3: Changes to Standard Display in Edition 3.4 of the Presentation Library (CSMWG17 Action 40) - updated December 2007

S-57 objects **CANALS** and **RIVERS** as well as fixed and floating **Aids to Navigation** have been moved to Standard Display in the Edition 3.4 (January 2008) of the PresLib. This change should be implemented in ECDIS by 1 January 2009 at the latest.

S-52 CPB-No 4: Linear depth areas (CHRIS19 Action) - updated December 2007

Following the CSMWG Report to CHRIS19, it was approved that HOs should continue to encode linear depth areas at least until **1 January 2009**. This requirement will be further reviewed at CHRIS20 in November 2008.

S-52 CPB-No 5: Launch of S--100 Discussion Forum

An S-100 Discussion Forum was launched in March 2005. This forum addresses new ideas for the development of the new IHO Transfer Standard for Digital Geospatial Standard for Hydrographic Data, which is intended to be released in 2007 – 2008. It can be reached through the IHO website at www.iho.int - via Committees/CHRIS/TSMAD SubWg (left column on home page); or directly at <http://195.217.61.120/smf/>. CSMWG members are invited to register / logon and participate in this discussion.

S-52-CPB-No 6: New ENC Product Specification Discussion (S-101)

Development of S-101 cannot commence until the main standard S-100 becomes more mature. However, ideas for consideration for the new ENC Product Specification are being sought on the Open ECDIS Forum (OEF).

TSMAD has initiated the development of S-101 and ideas are being discussed on the IHO S-100 Discussion Forum (see CPB-No5 for the address). Members of the CSMWG are strongly encouraged to make suggestions and or comment on posted ideas using this forum, or email the Chairman of TSMAD (Barrie.Greenslade@ukho.gov.uk) with your ideas.

S-52 CPB-No 7: Portrayal of flood lights, strip lights and spot lights (CSMWG17 Action 22)

The S-52 Presentation Library Edition 3.3 (March 2004) and the Edition 3.4 (January 2008) do not portray flood lights, strip lights nor spot lights (CATLIT 8, 9 and 11 respectively).