

Paper for Consideration by ENCWG8

S-52 PL 4.0.3 OBSTRN07

|                           |                                                                                                                                              |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Submitted by:</b>      | NIWC                                                                                                                                         |
| <b>Executive Summary:</b> | This paper seeks to clarify the colour token used to draw dashed lines in the CSP OBSTRN07 when the VALSOU is greater than the safety depth. |
| <b>Related Documents:</b> | S-52 PL 4.0.3                                                                                                                                |

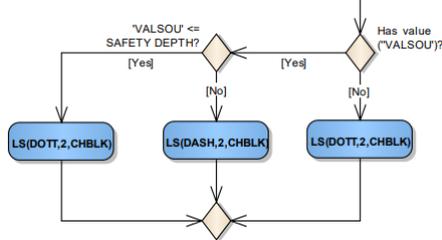
**Introduction / Background**

In updating the S-101 portrayal catalogue it was noted that S-52 PL 4.0.3 provides inconsistent guidance in OBSTRN07 when outputting dashed lines. We believe continuation B should be updated to specify use of CHGRD when VALSOU is greater than the SAFETY DEPTH setting.

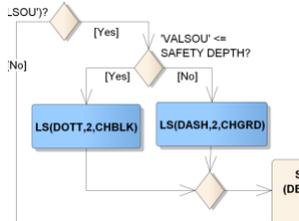
**Analysis/Discussion**

[OBSTRN7 : consistency with S-52 · Issue #245 · iho-ohi/S-101 Portrayal-Catalogue \(github.com\)](#)

Continuation B specifies use of colour token CHBLK, regardless of the SAFETY DEPTH:



In continuation C, when VALSOU is greater than the SAFETY DEPTH colour token CHGRD is specified:



**Recommendation**

It is recommended that in the OBSTRN07 UML diagram continuation B when VALSOU is greater than the SAFETY DEPTH the colour token should be changed to CHGRD.

### **Action Required of ENC WG**

The ENC WG is invited to:

- a. Discuss the recommendation and amend the UML diagram in S-52 PL 4.0.3

Annex A: Example of S-57 ENC with multiple M\_COVR, all CATCOV values – 1 coverage available

