

Paper for Consideration by the
Digital Information Portrayal Working Group (DIPWG)

ECDIS Interface for Safety Depth & Safety Contour

Submitted by: DIPWG Vice Chair

Executive Summary: *During DIPWG 4 the decision was made to write guidance that will combine the safety depth and safety contour into one value.*

Related Documents: TSMAD24/DIPWG4-09.9A, S-52 PLv4.0

1. Introduction / Background

During DIPWG 4 the recommendation was put forward that ECDIS should always use the same value for the Safety Depth and the Safety Contour Value. This would limit the mariner to only entering one or the other values, but not both. This approach would logically lead to combining these values into a single parameter.

2. Analysis/Discussion

The work required by DIPWG has not as yet been carried out, and as such this change has not yet been included in S-52 PresLib 4.0. The drafting team of IEC 61174 now need to know if this change is to be included in S-52 or not. The current committee draft of IEC 61174 has included the clause;

In the ECDIS human interface the value of safety contour shall not be deeper than the value of safety depth

3. Recommendations

It is recommended that DIPWG carry out the work necessary to allow one safety value to be entered by the user which would be the same for Safety Depth and the Safety Contour.

4. Action Required of DIPWG

Approve this change and task an expert committee to carry out the necessary work to S-52 Preslib v4.0 before submission to HSSC 2013.