

Paper for Consideration by ENCWG 6

HSSC 13 ACTIONS

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| Submitted by: | ENCWG Chair |
| Executive Summary: | Actions for ENCWG agreed at HSSC 13 |
| Related Documents: | S-67 Mariners' Guide to Accuracy of Depth Information in Electronic Navigational Charts (ENC) |
| Related Projects: | |

Analysis/Discussion

| 5.2 ENC Standards Maintenance (ENCWG) | | | | | |
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| 5.2 | S-57 to S-101 | HSSC13/30 | <p>HSSC noted the achievements made by ENCWG by correspondence despite the pandemic, the development of guidelines for HOs for the conversion from S-57 to S-101 in particular.</p> <p>HSSC Chair to consider reporting on the development of these guidelines in his report to C-5</p> | <p>HSSC-14</p> <p>C-5</p> | |
| 5.2 | S-63 | HSSC13/31 (former HSSC12/22) | <p>HSSC agreed on the proposal from the ENCWG to go ahead with option 1 (See Doc. HSSC13-05.2B): “<i>No changes to IHO standards, create a new IHO ECDIS Cyber Security Guideline</i>” to manage risk when using ENC data.</p> <p>No new Edition of S-63</p> | HSSC-14 | Decision |
| 5.2 | S-58 | HSSC13/32 | ENCWG to pursue the development of Edition 7.0.0 of S-58 for submission at the next meeting. | HSSC-14 | |
| 5.2 | Mariner Information Papers | HSSC13/33 (former HSSC12/25) | In order to ensure proper maintenance of documents, HSSC tasked the ENCWG to consider existing publications in force (S-66, S-67, etc.), or new publications, to incorporate relevant information from ENCWG Mariner Information Papers as part of its programme of work. | HSSC-14 | |

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| 5.2 | Conversion S-57 to S-101 | HSSC13/34 | HSSC noted the ENCWG's proposal for the Joint IHO-Singapore Lab to consider testing the automated conversion of S-57 to S-101. To be considered when the Board is commissioned. | HSSC-14 | |
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Items of Note

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| 5.5A | Data Quality in existing S-57 ENCs | HSSC13/49 (former HSSC12/49) | HSSC encouraged Member States to start populating appropriate POSACC / SOUACC values in existing S-57 ENCs for relevant spatial objects in preparation of conversion to S-101 (iaw UOC 2.2). | Permanent | |
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| 7.2B | Maritime Autonomous Surface Ships (MASS) | HSSC13/71 | <p>HSSC welcomed the proposal made by UK, NO and SG to create a WG/PT on MASS Navigation in order to address MASS requirements on navigation data and services.</p> <p>HSSC agreed to create a PT under HSSC with a 2-year mandate:</p> <ul style="list-style-type: none"> - to identify and prioritize MASS navigation requirements; - to analyse their impacts on current hydrographic standards and services; - to develop a set of recommendations/issues to be addressed by existing working groups. <p>IHO Secretariat to issue a CL calling for the establishment of the the MASS Navigation PT with the objectives in the TORs as amended as indicated above.</p> <p>Decision for the continuation of the PT or creation of a dedicated WG to be made at HSSC-15</p> | <p>HSSC-14/-15</p> <p>July 2021</p> <p>HSSC15</p> | Decision |
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Recommendations

It is recommended that to progress the work item ECDIS cyber security guide we setup a new virtual team which will work on this remotely. A draft is to be submitted to HSSC 14 May 2022

ENCWG have been asked to consider if the information paper 'Information on ENC Generalization, Over-Scaling and Safety Checking Functions in ECDIS' created by the ENCWG could be incorporated into an existing IHO standard. Given its information related to the use of ENC data in ECDIS, S-67 Mariners' Guide to Accuracy of Depth Information in Electronic Navigational Charts (ENC) has been suggested. It is recommended that this paper be moved into S-67 and that IHO consider a more generic title for this publication. S-67 Mariners' Guide to use of ENC data in ECDIS will allow any future addition guidance to be more easily incorporated.

Justification and Impacts

No impact

Action Required of [HSSC] [Relevant HSSC WG]

The ENCWG is invited to agree to the recommendations contained in the paper

