**LIST of DECISIONS & Actions arising from ENCWG7**

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| **AGENDA****ITEM** | **SUBJECT** | **DECISION/ ACTION****No.** | **ACTIONS****(in bold, action by)** | **TARGET****DATE/EVENT** | **STATUS****(at 28 Nov 2022)** |
| --- | --- | --- | --- | --- | --- |
| **1. Opening and Administrative Arrangements**  |
| - | Contact List | ENCWG7/01 | **IHO Member States** and **Stakeholders** to provide the IHO Sec. with their updates to the ENCWG List of Contacts. | **Permanent** |  |
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| **2. Approval of Agenda**  |

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| 02.1 | Agenda and Timetable | ENCWG7/02 | **ENCWG7** approved the agenda and associated timetable. |  | Decision |
| **3. Approval of ENCWG6 Minutes and Matters arising from Minutes of 14th HSSC Meeting** |
| 03.1 | Minutes of last meeting  | ENCWG7/03 | **ENCWG7** approved the Record of the ENCWG6 meeting without amendment. |  | Decision |
| 03.1 | Progress on ENCWG actions | ENCWG7/04 | **ENCWG Members** to provide any progress report on actions 06-3, 06.4, 06.6 and 06.10. | **ENCWG8** |  |
| 03.2 | Review of HSSC14 decisions and actions | ENCWG7/05 | **ENCWG7** noted the approval by HSSC of UOC Ed 4.3.0, S-58 Ed 7.0.0, and S-65 Annex B Ed 1.0.0. |  | Decision |
| 03.2 | Review of HSSC14 decisions and actions | ENCWG7/06 | **ENCWG7** noted the submission of Papers to the ENCWG7 meeting to address HSSC Actions HSSC14/38 and HSSC 14/40-42. |  | Decision |
| 03.3 | ENCWG to propose amendments to its TORs *(HSSC14/42)* | ENCWG7/07 | **ENCWG Chair** to Remove reference to S-101PT from paragraph (viii). | **HSSC15** |  |
| 03.3 | ENCWG to propose amendments to its TORs *(HSSC14/42)* | ENCWG7/08 | **ENCWG Chair** to submit revised ENCWG ToRs to the HSSC for approval. | **HSSC15** |  |
| **4. ENCWG Standards Reports/Issues** |
| 04.1 | IHO S-67 Mariners’ Guide to use of ENC data in ECDIS *(HSSC14/40)* | ENCWG7/09 | **ENCWG7** agreed on the proposed structure as contained in the draft New Edition of S-67 - *Mariners’ Guide to the Use of ENC Data in ECDIS*. |  | Decision |
| 04.1 | IHO S-67 Mariners’ Guide to use of ENC data in ECDIS *(HSSC14/40)* | ENCWG7/10 | **S-67 Drafting Group (UK (lead), SE, IEC, PRIMAR, IIC, BR, IHO Sec)** to develop action plan and review contents of the revised S-67 and create some new high resolution images for the document as required. To be submitted for **ENCWG** review 2 weeks prior to HSSC15 deadline for submission of Papers. | **April 2023** |  |
| 04.1 | IHO S-67 Mariners’ Guide to use of ENC data in ECDIS *(HSSC14/40)* | ENCWG7/11 | **Chair/ IHO Sec** to review previous open Actions from the HSSC related to S-66 for possible inclusion in New Edition of S-67. | **April 2023** |  |
| 04.1 | IHO S-67 Mariners’ Guide to use of ENC data in ECDIS *(HSSC14/40)* | ENCWG7/12 | **Chair/ IHO Sec** to review IMO MSC.circ.1503 for possible impacts on S-67 and vice-versa. | **April 2023** |  |
| 04.1 | IHO S-67 Mariners’ Guide to use of ENC data in ECDIS *(HSSC14/40)* | ENCWG7/13 | **S-67 Drafting Group** to review the requirement and maintenance impact for retaining the current S-66 Section 2 (List of Flag State Authorities) in S-67. | **April 2023** |  |
| 04.2 | Skin Of the Earth (SoE) display issue update | ENCWG7/14 | **Data Producers** and **RENCs** to keep existing procedures for mitigating the SoE ECDIS issue in place until further notice  | **Permanent** |  |
| 04.2 | Skin Of the Earth (SoE) display issue update | ENCWG7/15 | **IHO Sec** and **S-58 Sub-Group** to incorporate ENC EB64 in the UOC and develop a S-58 Check to cover the testing of the issue | **HSSC15** |  |
| 04.3/05.1 | S-64 reformatting and new SoE test/Issues with S-64 Test data *(HSSC14/38)* | ENCWG7/16 | **ENCWG7** agreed to use the SevenCs paper (05.1) as a basis for commencing the amendments to S-64 Test Data Sets (including SCAMIN issues identified) and corresponding screenshots as required. TDSs to be supplied along with appropriate PNGs (screenshots) and documentation. |  | Decision |
| 04.3/05.1 | S-64 reformatting and new SoE test/Issues with S-64 Test data *(HSSC14/38)* | ENCWG7/17 | **Chair/UK** to prepare a New Edition of S-64 to include amendments as identified by SevenCs and a new check for the SoE anomaly. Add PNG files to datasets. | **HSSC15** |  |
| 04.3 | S-64 reformatting and new SoE test *(HSSC14/38)* | ENCWG7/18 | **Furuno (Hannu)** to provide the required screenshots once the amended/new S-64 Test Datasets have been developed | **HSSC15** |  |
| 04.5 | ECDIS Cyber Security Guidance | ENCWG7/19 | **IEC, IIC, PRIMAR** to undertake further development work to complete the draft ECDIS Cyber Security Guidance. | **April 2023** |  |
| 04.5 | ECDIS Cyber Security Guidance | ENCWG7/20 | **Chair** to obtain a copy of IEC Publications UR E26 and UR E27 to aid in completion of the draft ECDIS Cyber Security Guidance. | **December 2022** | **Complete** |
| 04.5 | ECDIS Cyber Security Guidance | ENCWG7/21 | **Chair** to submit the final draft of the ECDIS Cyber Security Guidance to the HSSC. | **HSSC15** |  |
| 04.6 | S-65 HDENC automation | ENCWG7/22 | **ENCWG7** approved the recommendation from China MSA to add the last sentence and first two bullets to clause 6, paragraph 3 of S-65 Annex A. |  | Decision |
| 04.6 | S-65 HDENC automation | ENCWG7/23 | **UK** to add the last sentence and first two bullets of the recommendation from China MSA to clause 6, paragraph 3 of S-65 Annex A. | **December 2022** | **Complete** |
| 04.6 | S-65 HDENC automation | ENCWG7/24 | **IHO Sec** to recirculate data as previously supplied by China MSA (DK, IIC, FI). | **December 2022** |  |
| 04.7/05.2 | Issues with ECDIS Chart1 | ENCWG7/25 | **ENCWG7** Agreed to remove the duplicated M\_COVR (see related Action from S-52 Sub-Group report). Other changes to be discussed as part of Action ENCWG7/26. |  | Decision |
| 04.7/05.2 | S-52 clarifications | ENCWG7/26 | **Chair** to discuss recommendations as included in ENCWG6 Paper “S-52 Clarification edition 4.0.4 (ENCWG6-04)” and “Issues with ECDIS Chart1” (ENCWG7-05.2) with **IIC** (Hannu) and **AU** (Alvaro) and report back to ENCWG. | **December 2022** |  |
| 04.8 | S-57 to S-101 Conversion | ENCWG7/27 | **ENCWG7** noted the progress on development of the draft S-65 Annex B and encouraged any interested WG members to contact the IHO Sec if they are interested in participating in the Sub-Group |  | Decision |
| 04.14 | S-57 to S-101 Trial Conversion for Malacca/Singapore Straits ENCs | ENCWG7/28 | **ENCWG7** Commended ID for their report on their S-57 to S-101 conversion trials, and encouraged other WG members to share their experiences. |  | Decision |
| 04.14 | S-57 to S-101 Trial Conversion for Malacca/Singapore Straits ENCs | ENCWG7/29 | **IHO Sec** to remove the standalone converter and any references to it from the GI Registry and website. | **December 2022** |  |
| 04.9 | S-101 to S-57 Conversion (HSSC14/41) | ENCWG7/30 | **ENCWG7** agreed that the development of the S-101 to S-57 Conversion Guidance document is to be progressed under the current S-57 to S-101 Conversion Sub-Group, which is to be renamed to the ENC Conversion Sub-Group. |  | Decision |
| 04.9 | S-101 to S-57 Conversion (HSSC14/41) | ENCWG7/31 | **ENCWG7** endorsed the proposal to allocate Publication number S-65 Annex C to the S-101 to S-57 Conversion Guidance document. |  | Decision |
| 04.9 | S-101 to S-57 Conversion (HSSC14/41) | ENCWG7/32 | **Chair** to propose to HSSC that the Publication number S-65 Annex C is assigned to the S-101 to S-57 Conversion Guidance document. | **HSSC15** |  |
| 04.10 | IHO-SGP lab Project update – S-57 input data, Conversion Tools, S-101 ed 1.1 | ENCWG7/33 | **ENCWG Members** encouraged to contribute to the Singapore Lab, S-57 to S-101 Conversion Project in any capacity. | **Open** |  |
| 04.13 | Update of S-58 Test Datasets / Revised S-58 TDS | ENCWG7/34 | **IHO Sec** to publish the final version of the S-58 TDS (for S-58 Edition 7.0.0) on the IHO web site once final acceptance has been obtained from ENCWG. | **December 2022** |  |
| 04.15 | S-62 Update | ENCWG7/35 | **IHO Sec** to investigate a more “machine-readable” downloadable format for S-62(for example JASON, XML). | **ENCWG8** |  |
| 04.15 | S-62 Update | ENCWG7/36 | **IHO Sec** to investigate future portal (URL?) for downloadable version of S-62 (that can be implemented in the ECDIS via “Robots”). | **ENCWG8** |  |
| 04.16 | S-63 Update | ENCWG7/37 | **ENCWG7** agreed that there was no requirement to issue a Clarification version of S-63 based on the information included in Appendix A. |  | Decision |
| 04.16 | S-63 Update | ENCWG7/38 | **Chair, IIC** and **IHO Sec (ADDT)** to review the “Part of Appendix A” document – *Test Data Implementation Guide* (2004) for updating. | **ENCWG8** |  |
| **5. ENCWG Proposals** |
| 05.3 | Dangerous Cargo Berths | ENCWG7/39 | **ENCWG7** agreed that the following conventions were to be used for encoding dangerous cargo berths:S-57: Encode OBJNAM = *Dangerous cargo* on **BERTHS**.S-101: Add new attribute categoryOfCargo to feature **Berth**. |  | Decision |
| 05.3 | Dangerous Cargo Berths | ENCWG7/40 | **ENC EB Sub-Group** to develop an ENC Encoding Bulletin for indicating dangerous cargo berths in S-57 ENCs. | **December 2022** |  |
| 05.3 | Dangerous Cargo Berths | ENCWG7/41 | **IHO Sec** to add attribute categoryOfCargo to feature **Berth** (based on S-131 data model). | **December 2022** | **Complete** |
| 05.4 | Transporter Bridge Clearance | ENCWG7/42 | **ENCWG7** agreed that transporter bridges should be considered to be fixed bridges. |  | Decision |
| 05.4 | Transporter Bridge Clearance | ENCWG7/43 | **ENC EB Sub-Group** to develop an ENC Encoding Bulletin describing different attribute values for CATBRG as fixed or opening. | **April 2023** |  |
| 05.4 | Transporter Bridge Clearance | ENCWG7/44 | **S-58 Sub-Group** to be amended in accordance with the new ENC EB describing the different categories of fixed and opening bridges (Checks 1799, 1800). | **April 2023** |  |
| 05.5 | RCID Reuse Clarification | ENCWG7/45 | **ENCWG7** agreed that the issue identified by IC-ENC required a clarification to the specification in S-57 Part 3, clause 2.2. This would have the follow-on effect of requiring an update to S-58 Check 3 and therefore a New Edition of S-58 is required. |  | Decision |
| 05.5 | RCID Reuse Clarification | ENCWG7/46 | **ENC Encoding Bulletin Sub-Group** to develop an ENC Encoding Bulletin and FAQ to clarify the statement in S-57 Part 3, clause 2.2 to reflect the issue identified by IC-ENC and its solution. | **December 2022** | **Complete** |
| 05.5 | RCID Reuse Clarification | ENCWG7/47 | **S-58 Sub-Group** to amend S-58 Check 3 to reflect the clarification to the specification in S-57 Part 3, clause 2.2. | **HSSC15** |  |
| 05.5 | RCID Reuse Clarification | ENCWG7/48 | **IC-ENC** to report the issue of reuse of RCID to the S-100WG for possible clarification to S-100 Part 10a. | **S-100WG7** |  |
| 05.6 | Comments on S-65 Annex A | ENCWG7/49 | **UK** to include proposed changes in a draft redline of S-65 Annex A for presentation to the Group. | **End of meeting** | **Complete** |
| 05.6 | Comments on S-65 Annex A | ENCWG7/50 | **ENCWG7** approved the draft changes to S-65 Annex A and the publication of a new Clarification version of the document. |  | Decision |
| 05.6 | Comments on S-65 Annex A | ENCWG7/51 | **UK** and **IHO Sec** to prepare a final new Clarification version of S-65 Annex A (Edition 1.0.1) for publication. | **January 2023** |  |
| 05.7 | Light Sector Encoding Proposal | ENCWG7/52 | **ENCWG7** noted the Paper from UK; and agreed to do nothing at this time in regard to the proposed work-arounds taking into account the open Portrayal GitHub issue on this problem and discussions on ENC scheming in the WENDWG. |  | Decision |
| 05.8 | MSC.530(106) and S-61 | ENCWG7/53 | **Chair/IHO Sec** to replace S-61 Annex A with reference to IMO Res MSC.530(106), Appendix 7. | **HSSC15** |  |
| 07.1 | Date and Venue for Next Meeting | ENCWG7/52 | **ENCWG7** agreed that, at the kind invitation of Indonesia, the next meeting of the ENCWG (ENCWG8) would be held in Lombok, Indonesia, in conjunction with the 11th meeting of the S-101PT, for the week commencing 25 September 2023.. |  | Decision |