**DRAFT – ECS PR WORK PLAN 2024 – 2025**

The objectives of the PT are:

a. to identify and prioritize ECS navigation requirements.

b. to analyse their impacts on current IHO hydrographic standards; and

c. to develop a set of recommendations/issues to be addressed by existing IHO bodies, external organisations, and member states.

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| **A** |  | **TO IDENTIFY AND PRIORTISE ECS NAVIGATIONAL REQUIREMENTS** |
|  | **A-1 (A)** | Review and analyse any historical user research, studies or trials and their corresponding findings within the ECS sector to date. |
|  | **A-2 (B)** | Examine the existing national regulations below ECDIS National Regulatory Requirements. Determine what information we need back/format from maritime administrations so the group can establish a segmentation model (template). |
|  | **A-3 (C)** | Agree an international vessel segmentation model – below SOLAS – national for Member States – similar to the UK segmentation – tonnage – down to pleasure craft – requirements mapped across to vessel types b- survey common regulation segmentation |
|  | **A-4 (E)** | Mapping between the RTCM spec (IEC 62376), the mini ECDIS spec, and 61174 focusing on the data related aspects.  Not to map – engage with organisation develop hardware standards – part of conversion ref IHO standards - engaged in conversation – develop refence in hardware ware standards |
|  | **A-5 (F)** | Create list and appoint Expert Contributors (OEMs and maritime administrations) to support work activities. |
|  | **A-6 (G)** | Plan engagement activities around where, how and what we want to engage with Stakeholders on. |
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| **B** |  | **TO ANALYSE THIR IMPACTS ON CURRENT IHO HYDROGRAPHIC STANDARDS** |
|  | **B-1 (D)** | Recommend a timeframe for regulatory change and establish which fuel type ECS should focus upon? |
|  | **B-2 (H)** | Gap analysis of current data provided under regulation against unofficial ECS data and Paper Chart Coverage - ENC vs paper (chart coverage requirements -Regional Hydrographic Commissions input needed) |
|  | **B-3 (E)** | Establish the future requirements of coverage for ECS vessel types outside of SOLAS shipping lanes. Understand where are ECS craft navigating and establish how official and unofficial data could be interoperable with one another? (AIS type B?) |
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| **C** |  | **TO DEVELOP A SET OF RECOMMENDATIONS / ISSUES TO BE ADDRESSED BY EXISTING IHO BODIES, EXTERNAL ORGANISATIONS AND MEMBER STATES** |
|  | **C-1** | Create summary document of the PT recommendations for potential ECS solutions |
|  | **C-2** | Conduct the 2023 and 2024 meetings of the PT and its sub-group(s) |

| **Work item** | **Title** | **Priority** H-high M-medium L-low | **Next milestone** | **Start**  **Date** | **End**  **Date** | **Status** P-planned O-ongoing C-completed S-Superseded | **Contact Person(s)** | **Related Pubs / Standard** | **Remarks** |
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| A1 (A) | 4 Surveys to OEMs, end users, HOs and Regulators. | M | Next PT | 01/10/23 | 01/04/2024 | C | Andrew Richardson | Input to end recommendation paper. | 4 surveys approved by PT to understand more about the different audiences. |
| A1 (A) | Survey results being analyzed and results created | M | Next PT | 01/01/2024 | Ongoing | O | Andrew Richardson | Input to end recommendation paper. | UKHO will share the results with PT and analyze the results/conclusions. |
| A4 (E) | Participation with RTCM in SC-109 | H | Next PT | 01/07/23 | Ongoing | O | Andrew Richardson | IEC 611.74 and other IEC test standards. | Developing and updating an ECS standard inc. S-100 which could be used for type approval. |
| A2 (B) | Monthly meetings with MCA. | L | Next PT | 01/01/24 | Ongoing | O | Andrew Richardson | N/A | Monthly meetings to understand MCA views on any regulations and discuss solutions to an international segmentation model. |
| A5 (F) / A6 (G) | Presented to OEMs at conferences (CIRM, RIN and Admiralty technical conference) | M | N/A | 01/01/2024 | Ongoing | O | Andrew Richardson | N/A | Presented to OEMs and answered questions on the work of the ECS PT to date and asked their participation into the PT once we open the group up. |
| C2 | Future meetings in May and October 2024 for the PT | H | Next PT | 01/01/24 | Ongoing | O | Andrew Richardson | N/A | Schedule the next VTC for mid-May and in person PT at ENC WG 9 in October. |
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