

**1<sup>st</sup> IHO-HSSC Meeting  
The Regent Hotel, Singapore, 22-24 October 2009**

**Paper for Consideration by HSSC  
PROPOSAL TO REVIEW APPENDIX 1 TO S-52**

<b>Submitted by:</b>	IHB
<b>Executive Summary:</b>	This paper invites the HSSC to consider incorporating the guidelines for updating ENC's in S-65 - <i>ENC Production Guidance</i> and directing an enhanced EUWG to review S52 Appendix 1, with a view to incorporating the revised text in S-65 in the future.
<b>Related Documents:</b>	HSSC1-06.10A – <i>Report of the EUWG</i> HSSC1-06.3A – <i>Report of the DIPWG</i>

### **Introduction / Background**

CHRIS20 established an ENC Updating Working Group (EUWG) to develop contemporary guidelines for the standardisation of updating T&P notices in ENC's. In addition, the EUWG was invited to review and revise the updating mechanisms described in Appendix 1 to S-52 - *Guidance on Updating the Electronic Navigational Chart*. The EUWG has developed guidelines for encoding T&P notices in ENC's, but has sought further guidance from HSSC on the review of S52 Appendix 1.

### **Analysis/Discussion**

Appendix 1 to S-52 was published in December 1996, well before any experience had been gained with ENC updating. As such, it reflects a hypothetical model for the updating of ENC's. At the same time, it lacks any detailed information on the technical aspects of ENC updating. This means that Appendix 1 to S-52 is out of date and is serving little useful purpose in its current form. This was why EUWG was invited to review it. Appendix 1 is also an oddity in S-52, which otherwise deals with ENC content and display aspects, rather than updating. The title of S-52 is: *Specifications for Chart Content and Display Aspects of ECDIS*.

The EUWG has provided technical and procedural guidelines for the updating of ENC's and these are contained in HSSC1-06.10A – *Report of the EUWG*. The nature of these technical guidelines means that it would be more appropriate to place them in S-65 - *ENC Production Guidance*. It then follows, that a revised version of the overarching description of the updating model currently contained in Appendix 1 to S-52 would complement these guidelines if they were placed in S-65 also.

This would then leave the remaining sections of S-52 - *Specifications for Chart Content and Display Aspects of ECDIS* dedicated solely to the presentation and display aspects of ECDIS. Furthermore, these sections have already been revised and have been submitted for HSSC consideration by the DIPWG (see paper HSSC1-06.3A).

### **Recommendations**

It is proposed that

- the *Guidelines for Encoding Temporary and Preliminary ENC Updates*, as drawn up by the EUWG, be incorporated in S-65 forthwith, rather than in an ENC Encoding Bulletin as recommended in HSSC1-06.10A.
- the EUWG be tasked to review S-52 Appendix 1 to bring it up to date, prior to inclusion in S-65.
- Appendix 1 to S-52 to be withdrawn when the revised text is incorporated in S-65.

Proposed Terms of Reference for the EUWG are set out in Annex A.

### **Justification and Impacts**

This proposal will provide contemporary guidance on the updating of ENC's. It will also be published in a more appropriate IHO publication than is currently the case. Given that there is no existing detailed guidance on ENC updating, the introduction of clearer guidelines and a description of a contemporary model for updating should have little or no negative impact on current practices – on the contrary, it should do much to improve the situation.

The existing composition of the EUWG is mainly from officers engaged in the compilation of updates. If it is to successfully achieve its task, the EUWG will require supplementation with expertise in the wider systems and organizational aspects of ENC updating.

### **Action Required of HSSC**

The HSSC is invited to:

- a. **recommend to Member States** that the *Guidelines for Encoding Temporary and Preliminary ENC Updates*, as drawn up by the EUWG, be incorporated in S-65.
- b. **agree** that the EUWG should develop a revised version of Appendix 1 to S-52 for inclusion in S-65.
- c. **approve** the amended Terms of Reference for the EUWG, as set out in Annex A.

## PROPOSED TERMS OF REFERENCE FOR THE EUWG

### ENC UPDATING WORKING GROUP (EUWG)

#### Terms of Reference

##### 1. Objective

To review and update Appendix 1 to S-52 for subsequent inclusion in S-65.

##### 2. Authority

The ENC Updating Working Group (EUWG) is a subsidiary of the Hydrographic Services and Standards Committee (HSSC) and its work is subject to HSSC approval.

##### 3. Procedures

- a. The EUWG shall:
  - i. review and update Appendix 1 to S-52 for incorporation in S-65.
  - ii. submit a report, any recommendations, and a final draft of the revised text to the HSSC in 2010 for its consideration.
- b. The WG should work by correspondence unless a meeting is considered necessary to complete the assigned tasks.
- c. The WG should liaise with the RENC Joint Technical Experts Working Group (JTEWG) and CSPCWG.

##### 4. Composition and Chairmanship

- a. The WG shall comprise representatives of IHO Member States (MS), Expert Contributors and Accredited NGIO Observers, all of whom have expressed their willingness to participate.
- b. Member States, Expert Contributors and Accredited NGIO Observers may indicate their willingness to participate at any time. A membership list shall be maintained.
- c. Expert Contributor membership is open to entities and organisations that can provide a relevant and constructive contribution to the work of the WG.
- d. The Chair of the WG shall be a representative from [France]. The vice-Chair shall be a representative from [UK].
- e. Decisions should generally be made by consensus. If votes are required on issues or to endorse proposals presented to the WG, only MS may cast a vote. Votes shall be on the basis of one vote per MS represented. In the event that votes are required between meetings or in the absence of meetings, including for elections of a Chair or Vice-Chair, this shall be achieved through a postal ballot of those MS on the current membership list.
- f. If a secretary is required it should be a member of the WG.
- g. If the Chair is unable to carry out the duties of the office, a Vice-Chair shall act as the Chair with the same powers and duties.
- h. Expert Contributors shall seek approval of membership from the Chair.
- i. Expert Contributor membership may be withdrawn in the event that a majority of the MS represented in the WG agree that an Expert Contributor's continued participation is irrelevant or unconstructive to the work of the WG.
- j. All members shall inform the Chair in advance of their intention to attend any meetings of the WG.

- k. In the event that a large number of Expert Contributor members seek to attend a meeting, the Chair may restrict attendance by inviting Expert Contributors to act through one or more collective representatives.