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ASSEMBLY CIRCULAR LETTER No. 10
02 September 2016

1st SESSION OF THE IHO ASSEMBLY

Monaco, 24-28 April 2017

PROPOSALS FOR CONSIDERATION BY THE 1st SESSION OF THE IHO ASSEMBLY

References:

- A. Conference Circular Letter No. 2 dated 22 April 2016 - *Submission of proposals to the Conference / Assembly*
- B. Assembly Circular Letter No. 8 dated 23 August 2016 - *Revision of the timeline for the preparation of the 1st Session of the IHO Assembly (A-1)*
- C. Rules of Procedure of the IHO Assembly

Dear Hydrographer,

1. Conference Circular Letter No. 2 (Reference A) invited Member States to submit proposals for consideration by the 1st Session of the IHO Assembly (A-1) to be held from 24 to 28 April 2017. As reported in Reference B, the Secretariat of the IHO has received eight proposals from Member States and has also prepared one proposal. These proposals are listed in Annex A.
2. As indicated in Reference B, the Rules of Procedure of the IHO Assembly (Reference C), which will enter into force on 8 November 2016, allow for proposals to be submitted up to four months before the opening of the session of the Assembly, meaning that the closing date for the next Assembly would be 15 December 2016. Rule 9 of Reference C does not contain any specific provision for inviting and circulating comments on proposals submitted to the Secretariat, as has been the case for all previous Conferences. However, the Directing Committee / Secretary General will continue circulating the proposals and request any comments to proposals raised by Member States in order to assist in the considerations and decision making process of the 1st Session of the Assembly.
3. Member States are invited to forward any comments on the current proposals provided in Annex A, so that they reach the IHO Secretariat (by e-mail: cl-lc@iho.int or by fax: +377 93 10 81 40) **no later than 15 December 2016**.
4. The Directing Committee also invites additional proposals to be submitted, if any, up until 15 December. Any additional proposals received will be circulated as soon as they are received so as to allow for the submission and subsequent circulation of any comments on those proposals from Member States.
5. Although it is not required by the Rules of Procedure of the Assembly, the Directing Committee will circulate a consolidated list of proposals and comments from Member States in the form of a "Red Book" in accordance with the revised timeline (see Reference B).

On behalf of the Directing Committee
Yours sincerely,

Robert WARD
President

Annex A: Proposals submitted for consideration by the 1st Session of the IHO Assembly.

PROPOSALS

PROPOSALS SUBMITTED FOR CONSIDERATION BY THE 1st SESSION OF THE IHO ASSEMBLY

LIST OF PROPOSALS (AS OF 2 SEPTEMBER 2016)

PROPOSAL No.	OBJECT OF THE PROPOSAL	SUBMITTED BY	WORK PROGR.
1	Discuss a way forward for the publication of a 4 th Edition of IHO Publication S-23 and include it in the next "3-Year Work Programme"	Democratic People's Republic of Korea	1
2	Development of IHO E-Learning Capacity	France	3
3	Revision of the Resolution on Response to Disasters	Japan	3
4	Rewrite of the IHO Strategic Plan	United Kingdom	1
5	Development of an IHO Satellite-Derived Bathymetry Assessment and Charting Programme for as yet Uncharted or Poorly Charted Areas	Canada, France, United States of America	3
6	Proposed Amendment to the IHO Resolution 2/2007 for Improving the Validation Procedure of Making Changes to Specifications Based on S-100	Republic of Korea	2
7	National Hydrographic Office implications regarding the United Nations Committee of Experts on Global Geospatial Information Management (UN-GGIM) Shared Guiding Principles for Geospatial Information Management	United States of America	3
8	Revise the Standards of Competence for Hydrographic Surveyors	Italy	3
9	Revise IHO Publication M-3 - Repertory of IHO Resolutions	IHO Secretariat	1

PRO 6- PROPOSED AMENDMENT TO THE IHO RESOLUTION 2/2007 FOR IMPROVING THE VALIDATION PROCEDURE OF MAKING CHANGES TO SPECIFICATIONS BASED ON S-100

Submitted by: Republic of Korea

- References:
- A. IHO Resolution 2/2007 as amended - *Principles and Procedures for making changes to IHO Technical Standards and Specifications*
 - B. IHO Publication S-100 - *IHO Universal Hydrographic Data Model*

PROPOSAL:

Recognizing the need to improve the test and validation procedure of making changes to specifications based on S-100, it is proposed to add the following to the IHO Resolution 2/2007:

1. **Establish and run a test bed to test and validate the changes to S-100 based specifications.**
2. **Share the results of running the test bed on the IHO website.**
3. **A body for running the test bed is required to set detailed specifications for the following, which will subsequently need to be approved by the IHO technical committee.**
 - a. **Composition and tasks of the organization for running the test bed**
 - b. **Items and criteria of test phases**
 - c. **Guidelines on inter-operability between specifications**
 - d. **Any other specifications set forth by other technical committees**

EXPLANATORY NOTE:

1. The IHO Resolution 2/2007 is a mandatory resolution to refer to when making changes to IHO's specifications and it outlines the principles and procedures for doing so.
2. It also specifies principles and procedures for preventing problems which may occur when making changes to IHO's specifications. To name a few problems, they can be incompatibility between systems, high updating costs, market monopoly, dissatisfied users or increased risks to safety of navigation.
3. Nevertheless, since S-100 based product specifications enable not only traditional single information such as ENCs but also integrated services including tides, bathymetry, and marine meteorology on a single screen, it is anticipated that pre- assessment of impacts from making changes to amendments will be sophisticated. To supplement that, it is required to improve the existing test and validation procedure of making changes to specifications. Therefore it is necessary to add relevant articles to the IHO Resolution 2/2007.
4. Furthermore, it is difficult for Member States to determine the appropriateness of the changes because technical aspects such as data modelling of S-100 based specifications have been reinforced, compared to those from the past.

5. Subsequently, it is required to establish a system which shares the procedure and result of running the test bed on the IHO website so that it will help stakeholders understand changes to specifications.

6. The body which will be tasked to run the test bed is required to obtain prior approval by the IHO on its composition, tasks, roles, etc.