



THIS CIRCULAR LETTER REQUIRES YOU TO VOTE

IHO File No S3/6000

**CIRCULAR LETTER 20/2022
15 June 2022**

CALL FOR APPROVAL OF AMENDMENTS TO:

- IHO RESOLUTION 7/1919 - *Hydrographic Office Arrangements for the Exchange and Reproduction of Nautical Products***
IHO RESOLUTION 1/1987 - *IHO Transfer Standard for Digital Hydrographic Data*
IHO RESOLUTION 1/2007 - *IHO Data Protection Scheme S-63*
IHO RESOLUTION 2/2012 - *Reaffirmation of the IHO's Commitment to Full ENC Coverage (PRO WENDWG-1)*

References:

- A. A-2, Proposal 2.3 – *Revision of IHO Resolutions following the introduction of S-100, and Decision A2/32.*
B. Doc. HSSC12-05.1G – *Revision of proposed amendments to IHO Resolutions (KHOA) made in Reference A.*
C. IHO Resolution 1/2021 – *WEND-100 Principles.*
D. Doc. HSSC14-04.5A and List of Decisions and Actions from HSSC-14 (May 2022).
E. Decisions and Actions of HSSC14 (May 2022).

Dear Hydrographer,

1. At the 2nd Session of the Assembly (A-2) in 2020, the Republic of Korea (KHOA) proposed the revision of five IHO Resolutions (1/1987, 4/2002, 1/2007, 1/1997, 1/2018) to facilitate the development of S-100 series and implement the Roadmap for the S-100 Implementation Decade (2020 – 2030) (Reference A). The proposal was welcomed and a proposed way forward recommended by HSSC was approved by the Assembly (Decision A2/32 refers). At HSSC-12, KHOA proposed some changes to the original proposed revisions (Reference B). In 2021, the WEND-100 Principles were adopted (Reference C).

2. In preparation of the 14th meeting of the HSSC (HSSC-14) the IHO Secretariat, following up on References A, B and C, made a comprehensive review of the IHO Resolutions in Publication M-3 that may be impacted by the introduction of the Roadmap for the S-100 Implementation Decade. A full set of recommendations on the way forward and proposed amendments was submitted and endorsed by HSSC in May 2022 (Reference D, Decision HSSC14/08 refers).

3. The proposals are summarized in the following table:

IHO Resolution	Title	Way forward Recommendations /
7/1919 as amended	Hydrographic Office Arrangements for the Exchange and Reproduction of Nautical Products	New Proposed Amendment: See Annex A.
1/1987 as amended	IHO Transfer Standard for Digital Hydrographic Data	Proposed Amendment as suggested by KHOA: See Annex B.
4/2002 as amended	ENC/SENC Distribution Option	Keep the current version as applicable to S-57 ENC and datasets only. Noting the new concepts and definitions ¹ introduced in the amendments proposed to MSC.232 (82) ECDIS Performance Standard, suggest to put on hold amendments to this Resolution and consider a new one for S-101 when appropriate.
1/2007 as amended	IHO Data Protection Scheme S-63	Proposed Amendment as suggested by KHOA: See Annex C.
3/2007	ENC Distribution and Use of the Term ENC	Revision to be considered for S-57 ENCs if appropriate (ENCWG) and supplementary IHO Resolution covering S-101 to be considered when appropriate.
1/2012 as amended	The Importance of Resolving Issues related to the Functioning of the “ECDIS-ENC System”	Revision to be considered in the light of the development of the Dual Fuel Concept on S-100 ECDIS when appropriate.
2/2012	Reaffirmation of the IHO’s Commitment to Full ENC Coverage (PRO WENDWG-1)	New Proposed Amendment. See Annex D.
2/2002 as amended	Printed and Digital Nautical Publications	No amendment required.
3/2002 as amended	Nautical Publications and the SOLAS Convention.	Revision to be considered in the light of the S-1xx Implementation Guidelines, once adopted and when appropriate.

¹ Such as Electronic Navigational Data Service (ENDS), System Database.

1/1997	Principles of the WEND	No further amendment required due to the adoption of distinct WEND-100 Principles (IHO Resolution 1/2021).
1/2018	Elimination of overlapping ENC data in areas of demonstrable risk to the safety of navigation	No further amendment required due to the adoption of distinct WEND-100 Principles (IHO Resolution 1/2021) and development in progress of S-101/S-1xx Scheming and Implementation Guidelines.

4. Member States are requested to take into account the endorsement of the HSSC and to consider the adoption of proposed amendments to IHO Resolutions 7/1919, 1/1987, 1/2007, and 2/2012, as proposed in Annexes A, B, C, and D, by providing their reply at their earliest convenience and **no later than 15 September 2022** by email (cl-lc@iho.int) using the Voting Form provided in Annex E or, but preferably, using the IHO Online Form System available at the following link: https://IHO.formstack.com/forms/web_form_cl_20_2022

5. Noting their technical nature, it has been agreed with Mr Magnus Wallhagen, HSSC Chair, that the amendments to these IHO Resolutions should be submitted directly to the IHO Member States for their approval, with no need for seeking prior endorsement of the Council. This will ease the reporting and the decisions to be made at the 3rd Session of the Assembly (A-3). However, it was also agreed at HSSC-14 that a submission for adoption at A-3 should be made to the Council, for an overarching IHO Resolution on S-100, embracing concepts and pathways already depicted in the Roadmap and in the Dual Fuel Concept for S-100 ECDIS. This will be considered at the 6th meeting of the Council.

On behalf of the Secretary-General
Yours sincerely,



Abri KAMPFER
Director

- Annex A: Proposed Amendments to IHO Resolution 7/1919.
- Annex B: Proposed Amendments to IHO Resolution 1/1987.
- Annex C: Proposed Amendments to IHO Resolution 1/2007.
- Annex D: Proposed Amendments to IHO Resolution 2/2012.
- Annex E: Voting Form

Proposed Amendments to IHO Resolution 7/1919

<p>HYDROGRAPHIC OFFICE ARRANGEMENTS FOR THE EXCHANGE AND REPRODUCTION OF NAUTICAL PRODUCTS</p>	<p>7/1919 as amended</p>	<p>IHO CL xx/2022</p>	<p>A3.4</p>
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2 Hydrographic Offices should make use of internationally standardized products such as International (INT) Charts and Electronic Navigational Charts (ENC) of other Hydrographic Offices where these products meet their customers' needs and are kept up-to-date. INT charts should be adopted in accordance with the 'Regulations of the IHO International (INT) Charts'. The use of ENCs (S-57 or S-101) should be governed by the principles of the Worldwide Electronic Navigational Chart Data Base (WEND or WEND-100).

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Proposed Amendments to IHO Resolution 1/1987

IHO TRANSFER STANDARD FOR DIGITAL HYDROGRAPHIC DATA	1/1987 as amended	IHO CL xx/2022	A3.7
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Current version

1 It is resolved that the IHO Transfer Standard described in S-57 shall be adopted by the IHO for the exchange of digital hydrographic and cartographic data.

2 It is further resolved that the IHO Secretariat, through the HSSC (Hydrographic Services and Standards Committee), keep the contents of the Standard under review in response to changing requirements and practical experience. Changes to the Standard are coordinated on behalf of the HSSC by an ENC Standards Maintenance Working Group (ENCWG). National Hydrographic Offices which wish to propose changes to the Standard should address their comments to the IHO Secretariat. Other users of the Standard, for example equipment manufacturers, should be advised to address their comments to their national Hydrographic Office.

Proposed version

1 It is resolved that the IHO **S-57 Transfer Standard for Hydrographic Data including the S-57 based Product Specifications** described in ~~S-57~~ and the IHO **S-100 Universal Hydrographic Data Model including the S-100 based Product Specifications** shall be adopted by the IHO for the exchange of digital hydrographic and cartographic data.

2 It is further resolved that the IHO Secretariat, through the HSSC (Hydrographic Services and Standards Committee), keep the contents of the Standard under review in response to changing requirements and practical experience. Changes to ~~the S-57 Standard~~ are coordinated on behalf of the HSSC by ~~an~~ **the ENC Standards Maintenance Working Group (ENCWG), changes to S-100 are coordinated on behalf of the HSSC by the S-100 Working Group (S-100WG), and changes to S-100 series are coordinated on behalf of the HSSC/IRCC by their subordinate Sub-committees/Working groups.** National Hydrographic Offices which wish to propose changes to the Standard should address their comments to the IHO Secretariat. Other users of the Standard, for example equipment manufacturers, should be advised to address their comments to their national Hydrographic Office.

Proposed Amendments to IHO Resolution 1/2007

IHO DATA PROTECTION SCHEME S-63	1/2007 as amended	IHO CL xx/2022	A3.12
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Current version

- 1 It is resolved that the IHO Data Protection Scheme, as described in Publication S-63, is the IHO recommended security scheme for ENC's.
- 2 It is further resolved that the IHO Secretariat will act as Scheme Administrator for S-63.

Proposed version

- 1 It is resolved that the IHO Data Protection Scheme, as described in Publication S-63, is the IHO recommended security scheme for S-57 ENC's and the Encryption and Data Protection, as described in Publication S-100, is the IHO recommended security scheme for S-101 ENC's including S-100 series data.
- 2 It is further resolved that the IHO Secretariat will act as Scheme Administrator for S-63 and S-100 series hydrographic data.

REAFFIRMATION OF THE IHO'S COMMITMENT TO FULL ENC AND S-1xx NAVIGATION PRODUCTS COVERAGE (PRO-WENDWG-1)	2/2012 as amended	IHO CL xx/2022	-
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Add an amendment at the end of the current IHO Resolution:

This Resolution applies to ENC's (S-57, S-101) and all S-100 based products (S-1xx products) to be used for navigation (route monitoring in priority, and route planning).

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Voting Form

(to be returned to the IHO Secretariat by 15 September 2022)

E-mail: cl-lc@iho.int - Fax: +377 93 10 81 40)

Note: The boxes will expand as you type your answers.

Member State:

Contact:

E-mail:

1. **Do you approve the adoption of amendments to IHO Resolution 7/1919 - *Hydrographic Office Arrangements for the Exchange and Reproduction of Nautical Products* - as proposed in Annex A (tick the appropriate box)?**

YES

NO

If you answer 'NO', please explain your reasons in the comment section below.

Comments:

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2. **Do you approve the adoption of amendments to IHO Resolution 1/1987 - *IHO Transfer Standard for Digital Hydrographic Data* (tick the appropriate box)?**

YES

NO

If you answer 'NO', please explain your reasons in the comment section below.

Comments:

3. Do you approve the adoption of amendments to IHO Resolution 1/2007 - IHO Data Protection Scheme S-63 (tick the appropriate box)?

YES

NO

If you answer 'NO', please explain your reasons in the comment section below.

Comments:

4. Do you approve the adoption of amendments to IHO Resolution 2/2012 - Reaffirmation of the IHO's Commitment to Full ENC Coverage (PRO WENDWG-1) (tick the appropriate box)?

YES

NO

If you answer 'NO', please explain your reasons in the comment section below.

Comments:

Signature:

Date: