

**IHO File No. S3/8151/S-100**

**CIRCULAR LETTER 27/2024**  
**07 June 2024 Rev1**

**ADOPTION OF EDITION 5.2.0 OF IHO PUBLICATION S-100**  
**- *IHO Universal Hydrographic Data Model***

References:

- A. IHO CL 43/2023 dated 13 December 2023 - *IHO Timelines for the Approval Phase of Edition 2.0.0 of S-100 based product specifications (Phase 1 / Route Monitoring)*.
- B. IHO Resolution 2/2007 - *Procedures for making changes to IHO Technical Standards and Specifications*.
- C. IHO CL 18/2024 dated 25 March 2024 – *Call for Approval of Edition 5.2.0 of IHO Publication S-100 – Universal Hydrographic Data Model*.

Dear Hydrographer,

1. Reference C proposed the adoption of Edition 5.2.0 of IHO Publication S-100 – *Universal Hydrographic Data Model* – as recommended by the IHO S-100 Working Group (S-100WG); and endorsed by the IHO Hydrographic Services and Standards Committee (HSSC).
2. The Secretariat of the IHO thanks the 47 Member States that replied to Reference C: Australia, Belgium, Brazil, Chile, China, Estonia, Finland, Germany, Denmark, Spain, Fiji, France, Ghana, Greece, Guatemala, Iceland, Indonesia, Ireland, India, Italy, Iran (Islamic Republic of), Jamaica, Japan, Kenya, Morocco, Nigeria, Netherlands, Norway, New Zealand, Oman, Papua New Guinea, Peru, Philippines, Poland, Portugal, Republic of Korea, Russian Federation, Saudi Arabia, Sri Lanka, Solomon Islands, Sweden, Singapore, Slovenia, South Africa, United Kingdom, the United States of America, and Venezuela.
3. All 47 Member States supported the adoption of Edition 5.2.0 of S-100, with seven Member States providing comments in addition to their support. These comments are provided in Annex A to this Circular Letter.
4. When the Reference was issued, there were 99 Member States of the IHO with two States suspended. In accordance with the provisions of the Convention on the IHO as amended, the minimum number of affirmative votes required is 32. As a result, the proposed Edition 5.2.0 of S-100 has been adopted.

5. Edition 5.2.0 of IHO Publication S-100 (English version only) is available on the IHO website > Publications > Standards and Specifications (<https://iho.int/en/standards-and-specifications>).

6. As reported at the 16<sup>th</sup> Meeting of the HSSC held in Tokyo, Japan on 27-31 May 2024, this new Edition of S-100 adopted by the IHO in accordance with the deadlines set out in Reference A, is a critical milestone for the next phase: the endorsement by HSSC then adoption of the “operational” Editions of the Phase I S-100-based Products Specifications (S-101, S-102, S-104, S-111, S-124, S-129). There is still an intense effort underway to meet the IMO target for S-100 ECDIS, including some critical S-100 framework Specifications (S-98), infrastructure issues (Security Scheme, general S-100 Infrastructure), and Product Specifications (S-164, S-128).

7. The recent adoption of the revised Resolution MSC.530(106) on Performance Standards for ECDIS by the IMO at their 108<sup>th</sup> Session of the IMO Maritime Safety Committee (MSC108) in May 2024 must be interpreted as a strong encouragement for the IHO Member States to remain committed in this S-100 endeavour.

On behalf of the Secretary-General

Yours sincerely



Dr John NYBERG  
IHO Director

Annex A: IHO Member States' responses to IHO CL 18/2024 (*in English only*)

**IHO MEMBER STATES' COMMENTS IN RESPONSE TO IHO CL 18/2024**

**INDONESIA** (Vote = YES)

Indonesia approves the draft proposed Edition 5.2.0 of S-100

**MOROCCO** (Vote = YES)

Proposals made by the member States will improve the proposal

**PERU** (Vote = YES)

According to the review, the Directorate of Hydrography and Navigation of the Peruvian Navy agrees with the changes to be made in Publication S-100 therefore is issues a vote of approval to the draft of Edition 5.2.0 of Publication S-100

**SOLOMON ISLANDS** (Vote = YES)

Solomon Islands (SI) acknowledges the extensive work made by the HSSC in the development of the new edition 5.2.0 of S-100 - IHO Universal Hydrographic Data Model. Although, Solomon Islands (HO) is still in its learning stages of the S-100 Products and yet to realize their potential, SI is hereby voting in support for THE APPROVAL OF EDITION 5.2.0 OF IHO PUBLICATION S-100 - IHO Universal Hydrographic Data Model.

**SWEDEN** (Vote = YES)

Sweden would like to congratulate the S-100WG on this achievement which forms an important basis for the first operational editions of the S- 100 Phase 1 product specifications.

**SPAIN** (Vote = YES)

SPAIN would like to thank and recognize S-100WG intense effort to develop new edition.

**UNITED KINGDOM** (Vote = YES)

The UK would like to thank all those that have been involved, and in particular the expert contributors.