



IHB File No. S3/8151/S-100

CIRCULAR LETTER 39/2015  
5 June 2015

**ADOPTION OF THE NEW EDITION 2.0.0 OF IHO PUBLICATION S-100  
UNIVERSAL HYDROGRAPHIC DATA MODEL**

Reference: IHO CL 19/2015 dated 2 March - *Approval of the New Edition 2.0.0 of IHO  
Publication S-100 - Universal Hydrographic Data Model*

Dear Hydrographer,

1. The Circular Letter in Reference proposed the adoption of a new Edition 2.0.0 of IHO Publication S-100 - *Universal Hydrographic Data Model*. The Directing Committee would like to thank the following 44 Member States that replied to the Circular Letter: Algeria, Argentina, Australia, Belgium, Brazil, Canada, Chile, Croatia, Cuba, Ecuador, Estonia, Finland, France, Germany, Greece, Iceland, India, Ireland, Italy, Japan, Korea (Rep. of), Mauritius, Monaco, Morocco, Netherlands, New Zealand, Nigeria, Norway, Papua New Guinea, Poland, Portugal, Qatar, Singapore, Slovenia, South Africa, Spain, Sweden, Tunisia, Turkey, Ukraine, United Kingdom, United States of America, Uruguay and Venezuela.

2. All Member States supported the adoption of the new edition of S-100. Three Member States offered comments. Their comments and the outcome of their review by the Chair of the S-100 Working Group (S-100WG) are provided in Annex A to this letter.

3. As of the date of issue of the Circular Letter in reference, there were 82 Member States of the IHO with three States suspended. Therefore, in accordance with paragraph 6 of Article VI of the Convention on the IHO, the majority required for adoption of the revised edition is 40. As a result, Edition 2.0.0 of IHO Publication S-100 dated June 2015 has been adopted and will be posted on the IHO website.

On behalf of the Directing Committee  
Yours sincerely,

A handwritten signature in blue ink, appearing to read 'Gilles Bessero', is written over a light blue circular stamp.

Gilles BESSERO  
Director

Copy to: Chair, S-100WG

Annex A: Member States' responses to IHO CL 19/2015 and comments from the Chair of the S-100WG.

**MEMBER STATES' RESPONSES TO CL 19/2015 AND COMMENTS FROM  
THE CHAIR OF THE S-100 WORKING GROUP (S-100WG).**

**ADOPTION OF EDITION 2.0.0 OF IHO PUBLICATION S-100:  
UNIVERSAL HYDROGRAPHIC DATA MODEL**

**CANADA**

Canada approves the adoption of Ed 2.0.0 of S-100. Release of this version now will allow the test beds and on shore trials to proceed without undue delay. Canada has submitted its editorial and technical comments to the Chair of the S-100 WG for consideration. It is understood that these comments should not impact the current release schedule, but they will be vetted by the WG and subsequently handled as potential amendments or revisions to Edition 2.0.0.

*The S-100 WG Chair thanks Canada for its extensive comments. The Working Group reviewed these comments and was able to incorporate all those that were considered as editorial clarifications. The outcome was provided separately to Canada. The S-100WG Chair encourages Canada to resubmit the remaining substantial comments using the official proposal mechanism for changes to S-100 for consideration by the Working Group. The form can be found at the following link on the IHO's website: [http://www.iho.int/mtg\\_docs/com\\_wg/S-100WG/MISC/Part\\_12\\_S-100\\_Maintenance\\_Procedures.doc](http://www.iho.int/mtg_docs/com_wg/S-100WG/MISC/Part_12_S-100_Maintenance_Procedures.doc)*

**ECUADOR**

We support the efforts made to have the hydrographic information easily interoperable, mainly with those organizations that generate information related to the safety of navigation.

*Comment noted.*

**PORTUGAL**

Concerning Part 11 - Products Specifications, section 11-7.4 "Object Identifiers", in this section it is strongly recommended the specification of "persistent global identifier" for features and information and objects, however it is also mentioned that some objects/conditions do not need identifiers. In our opinion, the data product specification shall define exactly what those objects/conditions are. Furthermore, the data product specification shall define objectively the rules to construct the "namespaces" in order to avoid ambiguities.

*The S-100 WG Chair thanks Portugal for its comment. The S-100WG Chair encourages Portugal to submit this proposal using the official proposal mechanism for changes to S-100 for consideration by the Working Group. The form can be found at the following link on the IHO's website: [http://www.iho.int/mtg\\_docs/com\\_wg/S-100WG/MISC/Part\\_12\\_S-100\\_Maintenance\\_Procedures.doc](http://www.iho.int/mtg_docs/com_wg/S-100WG/MISC/Part_12_S-100_Maintenance_Procedures.doc)*