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CIRCULAR LETTER 41/2012
16 April 2012

ADOPTION OF NEW IHO PUBLICATION S-102
"Bathymetric Surface Product Specification"
Edition 1.0.0

Reference: IHO CL 10/2012 dated 30 January

Dear Hydrographer,

1 The Directing Committee would like to thank the following 44 Member States who replied to the Reference: Algeria, Australia, Bahrain, Belgium, Brazil, Canada, Chile, Colombia, Croatia, Denmark, Finland, France, Germany, Greece, Iceland, India, Iran, Ireland, Italy, Japan, Korea (Rep. of), Latvia, Malaysia, Mexico, Morocco, Netherlands, Norway, Peru, Poland, Portugal, Qatar, Romania, Russian Federation, Saudi Arabia, Slovenia, South Africa, Spain, Suriname, Sweden, Thailand, Turkey, Ukraine, United Kingdom, and United States. Of these, 42 Member States supported the proposed new publication S-102 *Bathymetric Surface Product Specification*, edition 1.0.0, with seven States providing specific comments. These comments, together with explanatory responses where appropriate, are provided in Annex A.

2 The IHB, with the agreement of the original authors of the standard and the Chair of the Transfer Standards and Maintenance Applications Development Working Group (TSMAD), has made a small number of editorial and formatting changes to the cover of the S-102 document and the preamble to aid clarity and understanding. No substantive changes have been made to the standard itself.

3 There are currently 80 IHO Member States with two States whose rights and benefits are suspended in accordance with Article XV of the Convention on the IHO. Therefore in accordance with paragraph 6 of Article VI of the Convention on the IHO, the majority required for adoption of this new publication is 40. Consequently, edition 1.0.0 of S-102 is adopted and will be posted in the IHO publications download section of the IHO website shortly.

On behalf of the Directing Committee
Yours sincerely,

A handwritten signature in blue ink, appearing to read 'Robert Ward', is written over a white background.

Robert WARD
Director

Annex A: Comments by Member States

COMMENTS BY MEMBER STATES
IN RESPONSE TO CL 10/2012

Australia: Australia commends the work undertaken by US NAVOCEANO, CHS, IDON Technologies and TSMAD in developing S-102.

Chile: SHOA has been implementing recently a hydrographic-cartographic data base, and any of the current tools used for processing and production, work under the S-100 Standard. They further support compliance with the new standard S-102 for bathymetric surfaces and its future inclusion in the SHOA processes.

Comment by IHB: This new development at SHOA, ensuring compliance with S-100 and S-102, is most welcome.

Colombia: We wonder why some of the acronyms in S-102 are referred to ISO 9015 and not to the Hydrographic Dictionary S-32? Anyway, we encourage TSMAD to continue the work on this important publication.

Comment by IHB: S-102 is based on S-100 which itself is compliant with the ISO 19000 series of standards. As a result, most of the terms and definitions used in S-102 logically refer to those standards (we have not identified any reference to ISO 9015 in S-102). However, some terms, e.g. Lidar or Sonar, may need to refer to S-32 where they are defined and this will be referred to TSMAD.

Mexico: The General Directorate of Oceanography, Hydrography and Meteorology abstains from voting as we do not have a full knowledge of S-100.

Portugal: IHPT wants to congratulate IHB in general, and TSMAD, NAVOCEANO, CHS and IDON Technologies in particular, for the significant input and support given for the preparation of edition 1.0.0 of S-102.

Thailand: In general, grid data can be created by software developed by different producers which causes incompatibility when opening using different programs. We recommend that grid data should be compatible with program or software developed by any producer.

Comment by IHB: Developing software to create gridded data, in compliance with S-102, should reduce the risk of incompatibility mentioned by Thailand.

United Kingdom: UK would like to give thanks to participating Member States and in particular the work of NAVOCEANO.