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CIRCULAR LETTER 25/2011
14 March 2011

CHART SPECIFICATIONS OF THE IHO (S-4)
Revision 4.1.0

References:

- A. IHO CL 24/2011 - *Approval of Amendments to IHO Resolution 02/2007 - Principles and Procedures for Making Changes to IHO Technical Standards*
- B. IHO CL 71/2010 - Chart Specifications of the IHO (S-4) and Symbols, Abbreviations and Terms used on Charts (INT1) – Small Craft (Leisure) Facilities Symbols
- C. IHO CL 03/2011 - Chart Specifications of the IHO (S-4) – Approval of New and Revised Specifications for Chart Accuracy Note, Oscillating Lights, Floating Wind Turbines, Intervals between Symbols in Area Limits, Size and Displacement of Symbols, Floating Waste Bins, Fish Aggregating Devices, Sub-surface ODAS Instruments
- D. IHO CL 11/2011 - Chart Specifications of the IHO (S-4) – Approval of New and Revised Specifications and Symbols for Virtual Aids to Navigation
- E. IHO CL 69/2010 - Approval of Amendments to A402.1 in S-4 and Resolution 2/1997 in M-3

Dear Hydrographer,

1. The latest revision of S-4, *Regulations of the IHO for International (INT) Charts and Chart Specifications of the IHO* has been published. The English version is now available on the IHO website at: www.iho.int → Standards & Publications → download IHO Publications → S-4.

2. In accordance with the revised Technical Resolution 2/2007, on *Principles and Procedures for Making Changes to IHO Technical Standards* announced at Ref A, the revised edition of S-4 is numbered edition 4.1.0.

3. References B to D informed Member States that various symbols and specifications proposed by the Chart Standardization and Paper Chart Working Group (CSPCWG) had been adopted and would be included in the next revision of S-4. These have been included in edition 4.1.0, as follows:

- a. New specifications for yacht berths, yacht club, visitors berth, visitors mooring, caravan and camping sites.
- b. New or revised specifications for the Chart Accuracy note, oscillating lights, floating wind turbines, intervals between symbols in area limits, size and displacement of symbols, floating waste bins, sub-surface ODAS instruments.
- c. Revised specifications for virtual aids to navigation.

4. Clarifications have also been included in edition 4.1.0, as follows:

A-402.1 This has been reworded to encourage printer nations to obtain and forward information useful for updating charts to producer nations. This clarification was requested

by the Inter-Regional Coordination Committee (IRCC) of the IHO, and announced at Reference E. The actual wording was slightly amended to improve the comprehension, through consultation between the chairmen of the CSPCWG and the IRCC.

B-423.2 A clarification about the orientation of the breakers symbol (concave side towards the shoal or coastline).

B-433 A clarification to allow the naming of submarine cables (similar to pipelines).

B-461.5 A clarification to allow for symbolizing diverging directions of buoyage, in addition to opposing directions.

On behalf of the Directing Committee
Yours sincerely,



Robert WARD
Director