

## NIOHC 14-12 IMO Brief

1. The reorganization of the IMO sub-committees has been completed, of major significance to IHO is the amalgamation of the Safety of Navigation and the Radiocommunications and Search and Rescue sub-committees into the Sub-committee on Navigation, Communications and Search and Rescue (NCSR).
2. The IMO Assembly considered documents related to progress on the transition from the Voluntary IMO Member State Audit Scheme to the IMO Member States Mandatory Audit Scheme. The scheme includes the assessment of the provision of national hydrographic services in countries being audited. The Assembly adopted key resolutions and amendments relating to the IMO's Mandatory Audit Scheme, paving the way for the scheme to come into effect by 2016. The Assembly re-iterated its invitation to Member States, which have not yet volunteered for audit, to do so as and when they are ready and as early as possible. IHO CL 24/2006, dated 24 January 2006, provides guidance to IHO Member States on the relevant section questionnaire covering hydrographic matters.
3. The e-Navigation Strategy Implementation Plan is to be finalized and a consolidated report is to be presented to NCSR 1 in July. IHO S-100 has been confirmed as the data standard to support the e-Navigation architecture. The IHO with IALA and other partners were requested to continue their contributions. The e-Navigation concept under development by the International Maritime Organization (IMO) is defined as:

*The harmonized collection, integration, exchange, presentation and analysis of marine information on-board and ashore by electronic means to enhance berth to berth navigation and related services for safety and security at sea and protection of the marine environment.*

4. The meeting is requested to:
  - a. Note this report;
  - b. Consider a voluntary audit as soon as convenient in preparation for the introduction of the mandatory scheme.
  - c. Take any other action deemed appropriate.

GENERAL

1. Are you a member of the IHO?
2. Are you a member, or associate member, of an IHO Regional Hydrographic Commission?
3. Do you have a Hydrographic Office? If not is there another Governmental, or non-Governmental, Agency with responsibility for hydrographic matters?
4. Is the responsibility for providing hydrographic services officially assigned by your government, by decree or any other legal text, to an organization within your country?
5. Do you require Capacity Building Support to help develop your hydrographic services? If the answer to this question is yes please indicate in which of the following areas support is required: Hydrographic Surveys, Production of paper and/or electronic charts, Promulgation of MSI, Training.
6. If you provide hydrographic services, are those related to safety of navigation accredited with quality assurance certification (e.g. ISO 9001)? If yes, what does the certification apply to (surveys, charting, broadcasting nautical information)?

SOLAS regulations V/4 and V/9

1. Hydrographic Surveys
  - a. Do you conduct hydrographic surveys? If yes do you comply with the IHO Standards for Hydrographic Surveys (S-44)?
  - b. Do you conduct hydrographic surveys in cooperation with other countries, through bilateral agreements or otherwise? If yes please provide details.
  - c. Do you contract out hydrographic surveys to commercial companies? If yes do these surveys comply with S-44?
  - d. Please complete the following information relating to the status of hydrographic surveys as reported in IHO Publication S-55 "Status of Hydrographic Surveying and Nautical Charting Worldwide" – 3<sup>rd</sup> Edition. Comments should be added wherever appropriate:  
  
A1 Percentage of national waters, 0 – 200m in depth, which is adequately surveyed:                    %.  
  
A2 Percentage of national waters, greater than 200m in depth, which is adequately surveyed:                    %.  
  
B1 Percentage of national waters, 0 – 200m in depth, which requires resurveying at a larger scale or to modern standards:                    %.

B2 Percentage of national waters, greater than 200m in depth, which requires resurveying at a larger scale or to modern standards: %.

C1 Percentage of national waters, 0 – 200m in depth, which have never been systematically surveyed: %.

C2 Percentage of national waters, greater than 200m in depth, which have never been systematically surveyed: %.

## 2. Nautical Charting

- a. Do you produce nautical paper charts, RNCs, ENCs, and nautical publications as defined in paragraph 2 of SOLAS Regulation V/2?
- b. If the answer to a. is Yes do you maintain these by issuing NtM / ER?
- c. Do you have bi-lateral agreement with other countries for the production of nautical charts? If yes please give details.
- d. Are the charts you produce available to worldwide shipping?
- e. Do you have an agreement with a Regional ENC Coordinating Centre (RENC) for the distribution of ENCs and RNCs? If yes please give details.
- f. Please complete the following information relating to the status of nautical charting as reported in IHO Publication S-55 "Status of Hydrographic Surveying and Nautical Charting Worldwide" – 3<sup>rd</sup> Edition. Comments should be added wherever appropriate:

### A. Offshore passage and small scale-charts:

Percentage of national waters covered by INT<sup>1</sup>Charts: %.  
Percentage of national waters covered by RNCs<sup>2</sup>: %.  
Percentage of National waters covered by ENCs<sup>3</sup>: %.

### B. Landfall, coastal passage and medium-scale charts:

Percentage of national waters covered by INT Charts: %.  
Percentage of national waters covered by RNCs: %.

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<sup>1</sup> INT = International Charts or national equivalent meeting the standards set out in IHO publication « Regulations of the IHO for International (INT) Charts and Chart Specifications of the IHO » (M-4).

<sup>2</sup> RNC = Raster Navigational Chart meeting the standards set out in IHO Publication « Product Specification for Raster Navigational Charts (RNCs) » (S-61).

<sup>3</sup> ENC = Electronic Navigational Charts meeting the standards set out in IHO Publication « IHO Transfer Standards for Digital Data » (S-57).

Percentage of National waters covered by ENCs: %.

C. Approaches, ports and large-scale charts:

Percentage of national waters covered by INT Charts: %.

Percentage of national waters covered by RNCs: %.

Percentage of National waters covered by ENCs: %.

3. Maritime Safety Information

- a. Are you a NAVAREA coordinator? If so for which area?
- b. Are you a sub-area coordinator? If so for which sub-area?
- c. Are you a national coordinator? If not who is your national coordinator?
- d. Please complete the following information relating to the promulgation of MSI as reported in IHO Publication S-55 "Status of Hydrographic Surveying and Nautical Charting Worldwide" – 3<sup>rd</sup> Edition. Answers may be Yes, No or Partial and comments should be added wherever appropriate:

Navigational Warnings:

Do you issue local warnings?

Do you issue coastal warnings?

Do you issue port information?

Do you issue NAVAREA warnings?

GMDSS Implementation (IMO GMDSS Handbook):

Master Plan?

A1 Area?

A2 Area?

A3 Area?

NAVTEX?

SafetyNET?