



**11th NORTH INDIAN OCEAN
HYDROGRAPHIC COMMISSION
NEW DELHI, INDIA 01 - 02 MARCH 2011**

**Explanatory Note to Agenda Item 14.2 -
Adoption of HSSC proposal to establish a North Indian Ocean
International Charting Coordination Working Group (NIOICCWG)**

Background

Under the direction of IHO's Hydrographic Standards and Services Committee (HSSC), the Chart Standardization and Paper Chart Working Group (CSPCWG) proposed the concept of regional (paper) charting groups being re-named as International Charting Coordination Working Groups (ICCWG) to develop and maintain integrated international chart schemes, overseeing both paper and ENC coverage, for the regions.

Meeting HSSC1 (October 2009) supported the concept and agreed two actions:

1. Action HSSC1/24 - IHB/CSPCWG Chair to incorporate the Terms of Reference and Rules of Procedure for Regional International Charting Coordination Working Groups (ICCWG), as contained in HSSC1-06.5C, in S-11 Part A, taking into account the comments made by the Committee.
2. Action HSSC1/25 - IHB, on behalf of HSSC, to write to INT chart coordinators, encouraging them to forward to the IHB updates to S-11 part B "Catalogue of INT Charts".

These HSSC Actions were progressed by IHO Circular Letters (below) including the coordination of ENC coverage, particularly to avoid overlapping ENCs. In support of combining the role of coordinating both paper INT Charting and ENC, generic Terms of Reference (TOR) and Rules of Procedure (ROP) for Regional International Charting Coordination Working Groups (ICCWG) were published and are now available for adoption, modified as necessary, as determined by the RHC.

The IHB issued two IHO Circular Letters:

1. CIRCULAR LETTER 86/2009 14 December 2009 REVISION OF IHO PUBLICATION S-11 Guidance for the Preparation and Maintenance of International Chart Schemes and Catalogue of International Charts
Actions Requested:
 3. Chairs of Regional Hydrographic Commissions are requested to ensure that their respective INT Chart Coordinators forward updates for the relevant INT regions to the IHB on a regular basis.
 4. Chairs of Regional Hydrographic Commissions are invited to consider using the model TOR / ROP in Annex C to S-11 Part A, to continue or establish International Charting Coordination Working Groups (ICCWG).

2. CIRCULAR LETTER 23/2010 03 March 2010 APPROVAL OF EDITION 2.003 OF S-11 PART A - Guidance for the Preparation and Maintenance of

International Chart Schemes:

- a. Chairs of Regional Hydrographic Commissions are invited to consider using the generic TOR/ROP contained in Annex C to S-11 Part A, to continue or to establish International Charting Coordination Working Groups (ICCWG) in their regions.

Considerations

The Mediterranean and Black Sea (MBSHC), Baltic Sea (BSHC) and North Sea (NSHC) Hydrographic Commissions have recently established International Charting Coordination Working Groups (ICCWG's) and adopted TORs/ROPs based upon the Annex C, S-11 model. The South West Pacific (SWPHC) and Meso American and Caribbean (MACHC) Hydrographic Commissions are looking to establish ICCWG's at their autumn 2010 meetings.

Recommendations

The NIOHC Meeting is invited to consider establishing a North Indian Ocean International Charting Coordination Working Group (NIOICCWG) and adopting the draft NIOICCWG TOR/ROP at Annex A, which is based on the generic TOR/ROP contained in Annex C to S-11 Part A. (IHO Circular Letters 86/2009 and 23/2010 refer).

Annex A

TERMS OF REFERENCE AND RULES OF PROCEDURE for the NORTH INDIAN OCEAN INTERNATIONAL CHARTING COORDINATION WORKING GROUP (NIOICCWG for *REGION J*)

[To be approved by the 11th NIOHC Meeting, 1-2 March 2011]

1. Background

1.1 The *North Indian Ocean* Hydrographic Commission recognizes the need to actively develop and maintain official nautical charts, in both paper and digital formats, that support ships engaged on international voyages in its region. Accordingly, it appoints and directs a working group to undertake this task. The working group shall be named the *North Indian Ocean International Charting Coordination Working Group (NIOICCWG)*.

1.2 The NIOICCWG is a subsidiary body of the North Indian Ocean Hydrographic Commission. It shall conduct its work in accordance with these Terms of Reference and Rules of Procedure.

The Regional Hydrographic Commission may clarify or amend these generic Terms of Reference and Rules of Procedure for the ICCWG in order for these to be made specifically relevant and applicable to its region. Its work is subject to the North Indian Ocean Hydrographic Commission's approval.

2. Terms of Reference

2.1 To study issues related to nautical charting of the region, in particular to coordinate the allocation of production responsibilities for paper and electronic charts (INT charts and ENC), that support ships engaged on international voyages.

2.2 To develop and maintain an integrated international chart scheme for the region.

2.3 To reach decisions on the maintenance and updating of the documents for which it is responsible.

2.4 To provide advice on chart schemes to individual Member States, in order to encourage adherence to IHO charting regulations, specifications and standards, and to promote and coordinate the production of international (INT) charts and ENC.

2.5 To develop proposals for new or amended INT chart schemes to meet evolving user needs (for example, the introduction of new or amended routing measures, the confirmed developments of international ports).

2.6 To coordinate the development and maintenance of small / medium scale ENC schemes, by regional agreement, to ensure consistent parameters are used in the compilation of ENC.

2.7 To act as the custodian and maintainer of official, version-controlled catalogues, depicting the status of published and planned charts, subject to formal review and approval by Member States of the North Indian Ocean Hydrographic Commission. However, the ENC catalogues may be maintained by RENCs subject to North Indian Ocean Hydrographic Commission's approval.

2.8 To provide advice to IHB on any amendments required to maintain S-11 Part B: Catalogue of International Charts (for example, scale, limits, numbering) and, as appropriate, any corresponding ENC catalogue.

2.9 To provide advice to Chairman CSPCWG and IHB on any amendments required to maintain S-11 Part A '*Guidance for the Preparation and Maintenance of International Chart Schemes*', in particular its Annexes (Annex A: Potential Printer Nations; Annex B: Use of A0 Paper).

2.10 To provide advice to Chairman CSPCWG and IHB on any amendments required to maintain the '*Guidelines for the Preparation and Maintenance of Small / Medium Scale ENC Schemes*' (when published).

2.11 To undertake professional consideration of new information of interest to the North Indian Ocean Hydrographic Commission which may impact its business and responsibilities.

3. Rules of Procedure

3.1 Membership is open to all members and associate members (Member States) of the North Indian Ocean Hydrographic Commission wishing to be represented. Each Member State shall be represented through a single point of contact. Noting the technical nature of the Group's work, participation should be limited to representatives of Hydrographic Offices concerned with nautical charting.

3.2 The Coordinator will monitor membership to encourage active participation by all Member States within the North Indian Ocean Region.

3.3 Non-Governmental International Organizations recognized by the IHO may participate as observers in NIOICCWG activities, where matters of special interest to the NGIO concerned are being considered (IHO Resolution T1.2, rule 6.c refers).

3.4 The Coordinator role shall be held by a Member State participating in the NIOICCWG. The election of the Coordinator, or the reconfirmation of the existing Coordinator, shall be decided by the North Indian Ocean Hydrographic Commission at an ordinary meeting or, where a meeting is not convened, by correspondence. Election shall be determined by a simple majority of Member States present and voting (or responding, where determined by correspondence).

3.5 Normally, a Vice-Coordinator is not required to be appointed. However, if a Vice- Coordinator is appointed by the North Indian Ocean Hydrographic Commission:

- Election to the post will be by the same method as for the Coordinator;
- The Vice-Coordinator shall act as the Coordinator, with the same powers and duties, in the event that the Coordinator is unable to carry out the duties;
- The Coordinator and Vice-Coordinator will decide between them the organization of the work entailed in these posts, or these may be defined by the North Indian Ocean Hydrographic Commission.

3.6 Conduct of business will be primarily by correspondence. If meetings are required, these should be planned with due regard to efficiency and obtaining the fullest membership support (for example, by holding meetings in association with meetings of the Regional Hydrographic Commission). All members shall inform the Coordinator in advance of their intention to attend meetings of the NIOICCWG. The working language shall be English.

3.7 Draft proposals will be circulated for review and comment to:

- All members of the NIOICCWG and, where appropriate, all members of the North Indian Ocean Hydrographic Commission;
- Coordinators of adjoining regional ICCWG, if the scheme impacts on those regions (for example, to ensure consistency and coherence of coverage across regional boundaries, for the allocation of chart numbers);
- Hydrographic Offices producing or printing charts of the Region;
- Chairman CSPCWG, if independent advice is required.

3.8 Decisions shall be made by consensus.

3.9 Where required, a Work Plan should be developed and maintained. This should include task priorities and the expected time frames for progressing tasks. The Regional Hydrographic Commission may delegate tasks to the NIOICCWG as it sees fit; it is also available to provide guidance on request (for example, in respect of priorities).

3.10 The Coordinator will report progress to meetings of the North Indian Ocean Hydrographic Commission and at other reasonable times, on request. Reports shall include but are not limited to:

- An updated Regional INT Chart Catalogue;
- An update of the ENC Catalogue relevant to the Region (if not undertaken by RENCs);
- Changes made to the scheme of INT Charts for the Region, approved by the NIOICCWG since the last report, together with a summary of reasons;
- Changes made to the small / medium scale ENC scheme for the Region, approved by the NIOICCWG since the last report, together with a summary of reasons;
- An updated Work Plan (if used).

3.11 All participants, including North Indian Ocean Hydrographic Commission members and associate members where not directly represented in the

NIOICCWG, shall keep the Coordinator informed of any information relevant to the NIOICCWG. This may include:

- Submitting proposals for new INT Charts, or amendments (for example, to limits, scale of portrayal) to existing INT Charts, in the Region;
- Requesting new INT Chart numbers for new charts that are planned;
- Reporting the status of production of international charts (INT Charts and ENC).

3.12 NIOICCWG members shall respond in a timely manner to all reasonable requests for advice from the Coordinator (for example, requests for updating the Catalogue of the INT Charts of the Region, change in points of contact), abiding by all reasonable stated deadlines.

3.13 The work shall be done in accordance with:

- IHO Resolution 1/1997 as amended [K2.19]: '*Principles of the Worldwide Electronic Navigational Chart Database (WEND)*', to ensure a world-wide consistent level of high-quality, updated ENCs;
- S-57: '*IHO Transfer Standard for Digital Hydrographic Data*';
- S-??: '*Guidelines for the Preparation and Maintenance of Small / Medium Scale ENC Schemes*' (when published);
- S-11 Part A: '*Guidance for the Preparation and Maintenance of International Chart Schemes*';
- S-4: '*Chart Specifications of the IHO and Regulations for International (INT) Charts*', which provides the internationally-agreed product specification for both national and international (INT) charts.