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| **TITLE** | **Reference**  | **Last amendment (CL or IHC/A)** | **1st Edition Reference** |

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| **ESTABLISHMENT OF REGIONAL HYDROGRAPHIC COMMISSIONS (RHC)** | **2/1997 as amended** | **xx/201x** | **T1.3** |

GENERAL

1 The mission of the IHO is to create a global environment in which States provide adequate and timely hydrographic data, products and services and ensure their widest possible use. To accomplish this mission, Member States are to pursue, on an intergovernmental basis, their cooperation on hydrographic activities on a regional basis.

2 IHO Member States have established regional coordination as an essential factor to support enhancements in the exchange of information and foster training and technical assistance between all nations. To effectively implement this, Regional Hydrographic Commissions (RHCs) are recognized by the Assembly as the primary organs to bring together Coastal States within a region to progress the work of the IHO and extract the highest societal value of Member States effort for the benefit of the nation, region and wider global marine geospatial community.

3 The IHO has established an Inter-Regional Coordination Committee (IRCC) with the aim to establish, coordinate and enhance cooperation in hydrographic activities amongst States on a regional basis, and between regions, especially on matters associated with Capacity Building; the World-Wide Navigational Warning System; General Bathymetry and Ocean Mapping; Marine Spatial Data Infrastructures; Education and Training and the implementation of the WEND suitable for the need of international shipping. The IRCC is the IHO Committee tasked to coordinate and engage directly with RHCs on regional activities.

ESTABLISHMENT OF REGIONAL HYDROGRAPHIC COMMISSIONS

4 It is resolved that the IHO Secretariat and the relevant IHO Bodies shall encourage Member States having common regional interests in data collecting or nautical charting to form Regional Hydrographic Commissions ~~(RHC)~~ to cooperate in the undertaking of surveys and other projects. Recognized by the Assembly, the RHC shall complement the work of the ~~IHO Secretariat~~ Organization, establish common regional approach’s, and balance regional issues with global and supra-national geospatial needs.

5 RHCs should provide, in pursuance of the resolutions and recommendations of the IHO, regional coordination with regard to nautical information, hydrographic surveys, production of nautical charts and documents, ~~training,~~ technical cooperation, ~~hydrographic~~ capacity building (CB) projects and Marine Spatial Data Infrastructure projects, related to the work of the IHO. ~~They (~~RHCs~~)~~, led by IHO Member States, should enable the exchange of information and consultation among the hydrographic services of all ~~regional~~coastal States concerned in the region. Geographically adjacent RHCs should liaise with each other to coordinate the provision of hydrographic services. Cooperation among all RHCs, including among those not adjacent, is encouraged and expected. RHCs should be aware of the technical maturity level and fiscal challenges that may influence state involvement. The processes and management of the RHC meetings should be designed to accomodate the broad participation of nations within the region.

6 RHCs should assess regularly the status of nautical information, navigational warnings, hydrographic surveying, nautical charting, hydrographic capacity and requirements within their region and provide reports to the work of the relevant IHO subordinated bodies and inputs to relevant IHO publications.

7 RHCs should be properly constituted, follow standard processes where possible, and have activities in line with the objectives of the IHO as described in Article II of the Convention on the IHO, and Article 8 of the General Regulations. Regional activities should align with and support the intent and objectives of the approved IHO Work Programme. RHCs should take into account the actions, recommendations and outcomes of the IRCC.

8 Geographical areas of the RHCs will normally coincide with INT chart regions, modified as appropriate to meet regional requirements and special circumstances. There are special provisions for Region M (Antarctica) because of its special status.

9 The working languages used by the RHCs should be agreed upon by their members and designated to ensure the best communication between participants. The reports and IHO documents relating to RHC activities shall be in ~~at least~~ one of the official languages of the IHO. For correspondence with the IHO Secretariat, one of the official languages shall be used.

10 The IHO Secretariat shall be invited to attend the meetings of RHCs as Permanent Observer. (former paragraph 6)

MEMBERSHIP

11 RHC membership may include full Members and Associate Members willing to contribute to the ~~safety of navigation~~ objectives of the IHO in the fields of hydrography, nautical charting, nautical information or navigational warnings, marine spatial data infrastructure (MSDI) and related fields in the region concerned. The roles of full members, associated members and observers should be defined by each RHC, in line with the IHO Basic Documents. The invitation procedures for membership should be established by each RHC, following approachs that are open, inclusive and supportive of a regional coordination role. (former paragraph 4)

12 Full membership is reserved for IHO Member States within the region who sign the statutes of the RHC. Associate membership is available to other IHO Members States or ~~States of the region~~ other nations who are non-IHO members, with active hydrographic concerns in the region, and being signatories of the statutes of the RHC. ~~Other States and~~ International Organizations, Non-Governmental Organizations, Industry and Academia stakeholders, active in the region concerned may be invited by the RHC to participate as Observer or Subject Matter Expert. ~~The invitation procedures should be established by each RHC~~. (Note: former paragraph 4)

LEADERSHIP

13 Leadership of the RHC shouldbe documented within the Commission Statutes, and establish the position of Chair, Vice-Chair, and Secretary, with associated selection process, and term of duties. Duties of the Commission Leadership are encouraged to be in line with this Resolution and the IRCC document titled *Roles and Responsibilities of Regional Hydrographic Commission Chairs.*

PROVISION OF HYDROGRPAHIC SERVICES

14 RHCs are recognized by the IHO to coordinate the breadth of regional activities needed to fulfill the provisioning of hydrographic services for international treaty or other regulatory requirements, and general marine geospatial information needs. RHCs will identify and assess INT Charts and ENC coverage within the region, highlighting those areas of significant navigational risk to the producer nations, and work to resolve the issues in a timely manner. As new marine geospatial products and services are developed within the S-100 Universial Hydrographic Data Model, RHCs should engage with data owners, product and service providers, and other stakeholders as appropriate to ensure a coordinated and cohesive regional approach is considered.

CAPACITY BUILDING

15 Where CB is required ~~in a region~~, RHCs are recommended to establish an internal body to deal with CB matters. All RHCs are encouraged to appoint a CB Coordinator to ensure that regional capacity building activities are aligned and coordinated in accordance with the IHO CB Strategy and with CB procedures and practices developed by the Capacity Building Sub Committee (CBSC). Such appointment should be reflected in the RHC Statutes to define the role of the CB Coordinator ~~and to designate a focal point to ensure continuity in the CB process~~. This part-time allocation to assist RHCs should come primarily and ideally from a Hydrographic Offices (HO) within the region. If that is not possible then the RHC might agree to request support from another RHC or an HO that might wish to take that responsibility. (note: former paragraph 2 bis)

16 ~~These regional contact points, the responsibilities of which should be given directly and in detail by the RHC concerned, shall have the support of the RHCs;~~ The CB Coordinators should be nominated having in mind the importance of continuity; should be in regular contact with the corresponding RHC Chair~~man~~ as well as with the CBSC Chair~~man~~, the IHO Secretariat and the relevant NAVAREA Coordinators. Ideally CB Coordinator should be a CBSC member with access to RHC meetings. However, RHCs may nominate a CBSC member different from the CB Coordinator. ~~In the absence of any other viable alternative and despite its limited human resources availability a request of support could be requested to the IHB~~ (note: previously paragraph 2 bis)

REPORTING

17 Chairs of RHCs shall report to the IHO Assembly on RHC activities, the findings of the assessments made in accordance with paragraph 6 ~~hydrographic capacity and requirements within their region~~, future plans and the agreed key targets that support RHC tasks detailed in the IHO Work Programme. The Chairs of RHCs shall also submit reports to the IRCC meetings and an annual report to the IHO Secretariat indicating progress made against the agreed key targets in the IHO Work Programme~~for general dissemination~~. Between sessions of the IHO Assembly, reports of studies or other activities, which may be considered of general interest to all IHO Member States, shall be sent by Chairs of RHCs to the IHO Secretariat for general dissemination.

18 The Chair of the RHC will provide the secretariat support for the RHC meetings and the intersessional coordination within the region. The IRCC shall maintain a list of responsibilities of the Chairs to ensure the work of the RHCs.

19 The following structure is recommended for National Reports made to ~~those~~ RHCs ~~that wish to receive such reports.~~ These reports are intended to streamline information to be considered by the RHC Conferences and to be used by the IHO Secretariat to update the Country Information System (CIS):

Structure for National Reports to Regional Hydrographic Commissions

 Executive summary

1 Hydrographic Office / Service: General, including updates for the IHO Yearbook e.g. reorganization.

 Note: use the available template for updates to the Yearbook or the online system.

 Use separate sections if more than one national HO works within region for a single Member State.

2 Surveys: Coverage of new surveys.

 New technologies and /or equipment

 New ships

 ~~Problems encountered~~ Crowdsourced and satellite-derived bathymetry - national policy

 Challenges and achievements

3 New charts & updates: ENC coverage, gaps and overlaps

 ENC distribution method

 RNCs

 INT charts

 National paper charts

 Other charts, e.g. for pleasure craft

 ~~Problems encountered~~Challenges and achievements

4 New publications & updates: New Publications

 Updated publications

 Means of delivery, e.g. paper, digital

 ~~Problems encountered~~Challenges and achievements

5 MSI Existing infrastructure for MSI dissemination

 Statistics on work of the National Coordinator

 New infrastructure in accordance with GMDSS Master Plan

 ~~Problems encountered~~Challenges and achievements

 Note: use the WWNWS template for this section

6 C-55 Latest update ~~(Tables)~~

 Note: use the available template to update C-55 or the online system.

7 Capacity Building Offer of and/or demand for Capacity Building

 Training received, needed, offered

 Status of national, bilateral, multilateral or regional development projects with hydrographic component (In progress, planned, under evaluation or study)

 Definition of proposals and requests to the IHO CBSC

8 Oceanographic activities General

 GEBCO/IBC’s activities, GEBCO Seabed 2030 activities

 Tide gauge network

 New equipment

 ~~Problems encountered~~Challenges and achievements

9 Spatial data infrastructures Status of MSDI

Relationship with the NSDI

Involvement in regional or global MSDI efforts

National implementation of the Shared Data Principles – including any national data policy and impact on marine data.

MSDI national portal

Best practices and lessons learned

Challenges and achievements

10 Innovation Use of new technologies

Risk assessment

Policy matters

11 Other activities Participation in IHO meetings

 Meteorological data collection

 Geospatial studies

 Preparation for responses to disasters

 Environmental protection

 ~~Astronomical observations~~Engagement with the Maritime Administration

 Aids to Navigation matters

 Magnetic and gravity surveys

 ~~MSDI Progress~~

 International engagements

 Etc.

12 Conclusions

20 The IHO Secretariat will keep templates for the National Reports and its presentations to RHC meetings. The templates will be in a format compatible with the IHO databases.