20th Conference of MBSHC

4 – 6 July 2017 (Herceg Novi, Montenegro)

**IHO Work Programme 1 – “Corporate Affairs”**

Information Management (IHO Website, IHO GIS, …)

(Agenda items MBSHC20-04.2)

IHO Secretariat
Contents

- Single Interface to IHO GIS Applications
- IHO Country Information Database
- IHO Regional Information Database
- IHO ENC Coverage Catalogue
- INTOGIS
- On-Line Registration Service for IHO Meetings
- Action required of MBSHC
Single Interface to IHO GIS Applications

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<th>Système d’information géographique de l’IHO</th>
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<td>- MSDI National Geoportals</td>
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<td>- IHO ENC Catalogue</td>
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<td>Capacity Building Information</td>
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<td>- CHART Project</td>
<td>- Projet CHART</td>
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<td>World Bathymetry Information</td>
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<td>- IHO Data Centre for Digital Bathymetry (DCDB)</td>
<td>- Centre de données de l’IHO pour la bathymétrie numérique (DCDB)</td>
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<tr>
<td>- Contribute ENC data to GECBO</td>
<td>- Contribuer des données ENC pour la GECBO</td>
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IHO Country Information Database

- Upgrade of the database to include additional information including:
  - the date of signature of the SOLAS Convention, when applicable
  - the existence of a Nominated Hydrographic Authority
  - the existence of an MSI Capability, and
  - the identification of the Primary Charting Authority
IHO Country Information Database

Currency of the information available in P-5

- Bahrain
- Brunei
- Darussalam
- Chile
- Ecuador
- Finland
- Netherlands
- Poland
- Thailand
- Trinidad and Tobago
- Venezuela
- Viet Nam

- Estonia
- Pakistan
- Cyprus
- DPRK
- Serbia
- Cuba
- Croatia
- Ireland
- Monaco

2012: Estonia, Pakistan, Cyprus, DPRK, Serbia
2013: Cuban
2014: Croatia, Ireland, Monaco
2015: Cuba
2016: Bahrain, Brunei, Darussalam, Chile, Ecuador, Finland, Netherlands, Poland, Thailand, Trinidad and Tobago, Venezuela, Viet Nam
2017: Bahrain, Brunei, Darussalam, Chile, Ecuador, Finland, Netherlands, Poland, Thailand, Trinidad and Tobago, Venezuela, Viet Nam
## IHO Country Information Database

*Statistics on the status of hydrographic services*

<table>
<thead>
<tr>
<th>Capability</th>
<th>Number of IHO coastal States*</th>
<th>Number of other UN coastal States</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<tr>
<td>Signatory to SOLAS</td>
<td>86 (100%)</td>
<td>58 (91%)</td>
<td>144 (96%)</td>
</tr>
<tr>
<td>MSI Capability</td>
<td>76 (88%)</td>
<td>14 (22%)</td>
<td>90 (60%)</td>
</tr>
<tr>
<td>Nominated Hydrographic Authority</td>
<td>86 (100%)</td>
<td>51 (80%)</td>
<td>137 (91%)</td>
</tr>
<tr>
<td>Own Charting Authority</td>
<td>65 (76%)</td>
<td>3 (5%)</td>
<td>68 (45%)</td>
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</tbody>
</table>

*Serbia not included*
IHO Country Information Database

+ Transfer to the CIS of the data supporting C-55
+ New on-line pdf version of C-55 generated automatically from the database
IHO Country Information Database

Currency of the information available in C-55 *(number of areas)*

![Chart showing currency of information available in C-55](chart.png)
IHO Regional Information Database

- On-going development of GIS outputs derived from C-55 data (for internal use of the Secretariat)
- Use of composite CATZOC reports to brief RHC meetings: subject to the approval of RENC members (see action WENDWG7/09)
Charts displaying maritime boundaries are for INTERNAL IHO SECRETARIAT USE ONLY.
IHO ENC Coverage Catalogue

• Additional layers
  - Limits of INT Chart Regions
  - Ports (from NGA Pub 150)
  - DCDB Bathymetry

• Work in progress to reflect the availability of ENCs in accordance with the “Diagram of ENC Data Flow Producers-RENCs-Distributors” maintained by the WENDWG
INToGIS


- The INToGIS application well used in most Charting Regions (excepted Region K – East Asia, and Region C2 – SE Pacific)

Home > Standards & Publications > S-11 > Part B (link)

Phase II to be launched from September 2017
On-Line Registration Service for IHO Meetings

- Service used successfully for HSSC-8 and A-1
- Upgrade requirements based on the lessons learned submitted to KHOA for further consideration
- On-line registration is now the preferred mode of registration for the meetings organized by the IHO Secretariat…
- …however, it is up to the Organizer to decide if preference should be given either to the on-line registration or traditional form
Action required of MBSHC

- MBSHC is invited to:
  - Note the report
  - Request RHCs to review entries related to their region in IHO C-55 and P-5 (Yearbook) at least annually;
  - Request RHCs to review entries related to ENC and INT charts (back-ups, national catalogues, etc.) on a regular basis;
  - Consider whether some data available in the Country Information System can be released on case-by-case basis for supporting MBSHC Conferences (CATZOC, etc.)
  - Provide guidance on further development of web-based applications that may be required to support its work;
  - Take any other actions as appropriate