



24th Baltic Sea Hydrographic Commission Meeting 10-12 September 2019, Gdańsk, Poland

Report of the IHO Secretariat

Secretary-General Mathias Jonas



IHO

International
Hydrographic
Organization

IHO SECRETARIAT'S REPORT MAIN ITEMS

- Status of Membership of the IHO
- Outcomes of the 2nd IHO Council and preparation of the 3rd Council
- Preparations of the 2nd Assembly
- INT Chart and ENC Production Coordination Region E
- Maritime Safety Information Services
- Capacity Building Programme
- Crowdsourced Bathymetry
- GEBCO support through Seabed 2030
- IHO GIS and Databases
- IHO Outreach
- International Hydrographic Review
- IHO Centenary Celebrations (IHO-100)



IHO

RECOMMENDATIONS (1)

International
Hydrographic
Organization

- Para 8: In order to provide as much time as possible for the Secretary-General to determine the allocation of the number of seats and to inform the Chairs of RHCs accordingly, the BSHC Member States concerned are encouraged to express their preferences at their earliest convenience and no later than 20 October 2019.
- Para 13: Consider providing regional CATZOC practices to the DQWG
- Para 19: The BSHC Members are invited to discuss how they can indirectly contribute to the Capacity Building Programme.
- Para 22: BSHC members are invited to identify further potential sources of bathymetric measurements and survey data providers to be facilitate the further completion of the DCDB data holdings.



IHO

RECOMMENDATIONS (2)

International
Hydrographic
Organization

- Para 26: BSHC members are invited to consider the future invitation of Seabed 2030 project representatives to BSHC meetings to discuss options for deepened cooperation and support.
- Para 32: Countries in the BSHC Region are invited to review their entry in the IHO Yearbook and C-55 and to provide the IHO Secretariat with the appropriate updates or to report no change (CL 20/2019 refers).
- Para 37: BSHC Member States are encouraged to replace the IHO old logo on all sorts of nautical publications and communication means by the IHO new logo soon the opportunity arrives.
- Para 41: BSHC Members are invited to submit papers for publication in the IHR and to look for continued contribution to the IHR Editorial Board.

Take any other actions as considered appropriate.



IHO

IRCC11 IMPRESSIONS

International
Hydrographic
Organization

- **Draw an image of regional cooperation**
- **Identify global trends and develop IHO responses through its work programme**
- **Agree on needs, approach and available resources for Capacity Building**
- **Mapping progress in S-100 standardization to inter-regional coordination**



IHO

IRCC11 IMPRESSIONS (1)

International
Hydrographic
Organization

Draw an image of regional cooperation

- No consistent global pattern
- Different regions face different challenges
- Level of cooperation affected by political tensions in the area

Identify global trends and develop IHO responses through its work programme

- ENC coverage is good and improves on high density traffic areas
- ENC coverage on remote areas grows slow
- ENC Overlap remains a matter of concern but is driven by political disputes
- Paper chart sales are on continuous decrease in many areas – last attempt to standardize?
- New technology creates more data and does smarter processing
- Autonomy for carriers is a relevant item of development and use in 3D-areas
- Growing request from hydrographic information from domains beyond navigation – especially oceanography is on the rise – asking for deep sea data and for response to disaster matters
- MSDI grows national but regional structures coming now into focus too
- Collaboration with UN-GGIM raises our profile but currently searching the best way to address it – UN Member States adopted Resolution about open data but



IHO

IRCC11 IMPRESSIONS (2)

International
Hydrographic
Organization

Identify needs, best approach and available resources for Capacity Building

- Hydrographic education is popular but lacks (national) funding
- 62 accredited education and training institutes worldwide
- IHO Budget alone cannot cover all requests
- Capacity Building impact is difficult to measure

Mapping progress in S-100 standardization to inter-regional coordination

- Standardization of S-100 based products is progressing
- S-101 as flag ship project is the most ambitious but the most complicated too
- Added value comes from S-10x products
- Regular production and provision is needed for S-10x products but national coverage is not motivating for industry
- More strategic planning is required for concerted production and provision of S-101 and amending products – adapt the WEND principles
- IHO SG+ HSSC and IRCC chairs will present a plan and a timeline at upcoming Council