

# IHO Work Programme for 2018



# WP-1: CORPORATE AFFAIRS

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- Work Programme 1 covers the provision of the services of the Secretariat of the IHO and, through the Secretariat, the management and fostering of relations with other international organizations. Work Programme 1 is executed primarily by the Directing Committee, now Secretary General with the assistance of the Directors.



# PROGRAMME 1 PRIORITIES: 2018

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- **Contribute to IMO-IHO Harmonization Group on Data Modelling**  
Issue/Risk: Critical for the establishment of S-100 concept as foundation for e-nav.
- **Assess range and efficiency of participation on events outside the core of hydrographic interest**  
Issue/Risk: refocus limited resources in time and personal capacity to events with direct benefit
- **Plan and start a complete overhaul of the IHO website including incorporation of GIS-services**  
Issue/Risk: requires substantial internal resources and external assistance
- **Manage the announced wave of new membership**  
Issue/Risk: high level visits and extended provision of information may be required
- **Assist the Council in its phase of operational consolidation and contribute to the revision process of the strategic plan (Decision A1/03)**  
Issue/Risk: the strategic plan delivers the basis for the further work of the Organization



# WP-2: HYDROGRAPHIC SERVICES AND STANDARDS

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Programme 2 focuses on the implementation of component 1.4 of Strategic Direction (SD) 1: “developing, improving, promulgating and promoting clear, uniform, global hydrographic standards to enhance safety of navigation at sea, protection of the marine environment, maritime security and economic development”.

## Decision A1/08:

*The Assembly urged Member States to contribute more actively to the implementation of Programme 2 and to maintain the relevant expertise*



# PROGRAMME 2 PRIORITIES: 2018 (1/2)

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- **Develop an S-100 Interoperability Specification**

Issue/Risk: Critical to the S-100 concept itself.

- **Develop all the components needed to make S-101 a reality (S-101 Portrayal Catalogue Builder, Test Strategy and Test Beds, Implementation Guidance, Validation Checks, etc.)**

Issue/Risk: Nomination of new S-101 Project Team Manager

- **Develop S-121 Product Spec for Maritime Limits and Boundaries**

Issue/Risk: Product expected by DOALOS



# PROGRAMME 2 PRIORITIES: 2018 (2/2)

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- **Consider data quality aspects in an appropriate and harmonized way for all S-100 based product spec.**

Issue/Risk: Inconsistencies when S-100 based products start to become available

- **Prepare Ed. 6.0.0 of S-44**

Issue/Risk: Scope of work

- **Develop initial guidance on definition and harmonization of Maritime Service Portfolios**

Issue/Risk: Lack of resources. Strategy driven by OEM, rather than by IHO/IALA/IMO.



# WP-3: INTER REGIONAL COORDINATION AND SUPPORT

Programme 3 focuses on the implementation of Strategic Direction (SD):

SD2: “Facilitate global coverage and use of official hydrographic data, products and services” and,

SD4: “Assist Member States to fulfil their roles”.



# PROGRAMME 3 PRIORITIES: 2018

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## Top priorities of Programme 3

- Capacity Building Provision (CB)
- ENC and INT schemes
- Crowd Sourced Bathymetry (CSB)
- Project Seabed 2030
- Marine Spatial Data Infrastructures (MSDI)





# PROGRAMME 3 PRIORITIES: 2018 (1/5)

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## Development of the Capacity Building Programme

- Expected increase in the provision of capacity building requests and follow up activities by existing and new IHO member states

Issue/Risk:

- Pressing need to nominate permanent CB Coordinators in affected regions
- Expected increase of Additional CB assistance in the IHO Secretariat required
- Further need for additional funding

Issue/Risk: Submissions from RHC stagnate due to the limitations in funding



# PROGRAMME 3 PRIORITIES: 2018 (2/5)

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## Continued development and maintenance of ENC and INT Schemes

### Issue/Risk:

- Lack of appropriate surveys or re-surveys in areas where there is no satisfactory coverage
- Areas yet to be charted are of low priority due to their remoteness
- Diminish overlapping data in the same area for technical reasons
- Need to agree about an appropriate ENC scheming for technical reasons at regional level



# PROGRAMME 3 PRIORITIES: 2018 (3/5 and 4/5)

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## Development of Crowd Sourced Bathymetry Guidelines

Issue/Risk:

- Low attention of Member States on the draft of CSB guidance document
- Ongoing skepticism on the CSB concept amid the maritime community and hydrographic organizations because of legal issues and the usefulness of the acquired information

## Seabed 2030 Project Management Plan

Issue/Risk:

- Establish robust fund management and supervision of project activities
- Encourage contribution of bathymetric data to the IHO DCDB
- Coordinate with on-going IHO Crowd Sourced Bathymetry initiative



# PROGRAMME 3 PRIORITIES: 2018 (5/5)

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## Concept Development Study (CDS) for Marine Spatial Data Infrastructures

Issue/Risk:

- Funding of the Concept Development Study pending to IHO approval
- Reporting of MSDI activities by MS to RHCs inconsistent
  - Limited visibility on how MS engage with government, commerce, academia and third sector to enable and deliver access to, sharing and re-use of hydrographic data to a wider user community
- Low MS engagement on MSDI related activities
  - RHCs and MSDI meetings, MSDI Awareness short courses, meetings with other regional bodies and speaking at industry seminars



# IHO 2018 WORK PROGRAMME and BUDGET

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*Thank you,  
Questions?*

