HSSC Chair Group Meeting

Monday 9 December

AGENDA

1. New HSSC Vice-Chair Nathalie Leidinger (FR).

2. Review of the SPIs allocated for HSSC to take the lead on and SPIs were IRCC would need the support from HSSC.

3. Discussion on how HSSC can take on the Council Decision C4/40: The Council agreed to experiment the application of the ISO 9001 principles on a couple of Strategic Plan targets (one per Committee to be proposed).

4. Any other business

Goal 1: Evolving the hydrographic support for safety and efficiency of maritime navigation, undergoing profound transformation

Targets	Relation with IHO Object
1.1 Deliver standards for hydrographic data and specifications of hydrographic products; support their regular production; and coordinate regional and global services for their provision.	a, d, e
1.2 Develop standards, specifications and guidelines in the areas of data assurance, including cyber security and data quality assessment.	b
1.3 Use capacity building and training to develop and increase the ability of Member States to support safety and efficiency of maritime navigation.	c

IHO

International Hydrographic Organization

Goal 2: Increasing the use of hydrographic data for the benefit of society

Targets	Relation with IHO Object
2.1 Build a portal to support and promote regional and international cooperation in marine spatial data infrastructures (MSDI).	b, g
2.2 Promote new tools and methods to accelerate and increase coverage, consistency, quality of surveys in poorly surveyed areas.	b, d
2.3 Apply UN shared guiding principles for geospatial information management in order to ensure interoperability and extended use of hydrographic data in combination with other marine-related data.	d, g

Goal 3: **Participating actively in international initiatives related to the knowledge and the sustainable use of the Ocean**

Targets	Relation with IHO Object
3.1 Collaborate with other bodies who deliver capacity building and training to improve effectiveness of capacity building activities and programmes	c
3.2 Improve knowledge of the world's seafloors	b, f
3.3 Implement a comprehensive IHO digital communication strategy in order to enhance its visibility and accessibility to its work	a, b, e

International
Hydrographic
Organization

SPI ALLOCATED FOR HSSC

Targets	Strategic Performance Indicator (SPI)-measurement for success	Proposed Lead
Goal 1: Evolving the hydrographic support for safety and efficiency of maritime navigation, undergoing profound transformation		
1.1 Deliver standards for hydrographic data and specifications of hydrographic products; support their regular production; and coordinate regional and global services for their provision.	1.1.1 Percentage of Member States having operationalized production and distribution of hydrographic data products and services based on IHO Universal Hydrographic Data Model (S-100), under an implementation framework of coordination and agreed timelines (2026: 100%).	HSSC HSSC to report operational Product Specifications (ed 2.0.0) to IRCC and then IRCC will report to back on MS having operationalized production and distribution. A possibility could also be, using the RENCs to report to HSSC. One S-100 product per MS equivalent to the amount of MS producing S-57 2020 (approx. 50 % MS).
	1.1.2 Number of hydrographic data products and services based on Universal Hydrographic Data Model that cater for the new requirements: autonomous shipping, reduction of emission.	7* Product Specifications currently (2020) identified for navigation, route monitoring mode. By 2026, 100 % should be operational (ed 2.0.0.)

* S-101, S-102, S-104, S-111, S-124, S-128, S-129

SPI ALLOCATED FOR HSSC

Targets	Strategic Performance Indicator (SPI)-measurement for success	Proposed Lead
Goal 1: Evolving the hydrographic support for safety and efficiency of maritime navigation, undergoing profound transformation		
1.2 Develop standards, specifications and guidelines in the areas of data assurance, including cyber security and data quality assessment.	1.2.1 Percentage of hydrographic data products and services based on S-100 model that are covered by IHO standards, specifications and guidelines on cyber security (2026: 100%).	HSSC 7* Product Specifications currently (2020) identified for navigation, route monitoring mode. By 2026, 100 % should be operational (ed 2.0.0.), which includes cyber security
	1.2.2 Percentage of navigationally significant areas (e.g. charted traffic separation schemes, anchorages, channels) for which the adequacy of the hydrographic knowledge is assessed through the use of appropriate quality indicators (2026:100%).	IRCC Supported by HSSC (DQWG/ENCWG/HSWG – CATZOC/Quality of Bathymetry)

* S-101, S-102, S-104, S-111, S-124, S-128, S-129

SPI ALLOCATED FOR HSSC

Targets	Strategic Performance Indicator (SPI)-measurement for success	Proposed Lead
Goal 2: Increasing the use of hydrographic data for the benefit of society		
2.2 Promote new tools and methods to accelerate and increase coverage, consistency, quality of surveys in poorly surveyed areas.	2.2.1 Percentage of adequately surveyed area per coastal state.	IRCC
	2.2.2 Number of new applications of the new version of Standards for Hydrographic Surveys (S-44).	HSSC New survey methods/platforms used as a result of S-44 ed 6.0.0. Will be monitored, by HSWG, and reported annually.

- Proposal to make a process description for the development of S-101 to operational edition 2.0.0.

- To be in line with ISO 9001 principles, let an external body outside S-100WG do the process description. Proposal to use DQWG.

- To be used for future development of Product Specifications.

- The purpose is not full ISO 9001 certification.