



5th Meeting of the IHO Council

Strategic Performance Indicators allocated to HSSC and proposed metrics

Agenda Item 04.1A – Annex A



IHO

SPI ALLOCATED FOR HSSC

Initial, January 2021

Target, January 2026

International Hydrographic Organization

Targets	Strategic Performance Indicator (SPI)-measurement for success	Lead and Metric
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 0 % of MS distribute at least one product based on S-100 60 % * of MS distribute at least one product based on S-100.
	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.	HSSC 0 Product Specification operational 10** Product Specifications should be operational (ed 2.0.0.)

* Based on that 62 of 94 IHO MS produce S-57 ENC's (March 2021)

** S-101, S-102, S-104, S-111, S-122, S-124, S-127, S-128, S-129, S-131



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Targets	Strategic Performance Indicator (SPI)-measurement for success	Lead and Metric
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 0** Product Specifications (same as in SPI 1.1.2) includes cyber security and data quality assessment 10** Product Specifications (same as in SPI 1.1.2) includes cyber security and data quality assessment
	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

** S-101, S-102, S-104, S-111, S-122, S-124, S-127, S-128, S-129, S-131



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Targets	Strategic Performance Indicator (SPI)-measurement for success	Lead and Metric
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 Number of downloads of S-44 (Unknown - 2021) Number of downloads of S-44 – (to be determined)