

IHO File No. ISPWG

CIRCULAR LETTER 23/2022
20 June 2022

**IHO STRATEGIC PLAN 2021-2026 –
DETERMINATION OF FIGURES TO CALCULATE THE STRATEGIC PERFORMANCE
INDICATORS (SPI) ASSIGNED TO IRCC**

References:

- A. IHO Strategic Plan 2021-2026
- B. IRCC Letter 01/2021 dated 10 November 2021
- C. IRCC Workshop on IHO Strategic Plan – April 2022
- D. IRCC-14 – List of Actions and Decisions
- E. IRCC-14 – Document IRCC14-08C (IRCC Chair proposal regarding SPI allocated to IRCC)

Dear Hydrographer,

1. Following the approval of the IHO Strategic Plan (reference A), the methodology for calculating the figures of the SPIs assigned to the IRCC was identified with the IRCC Letter (reference B) and discussed at the IRCC Workshop on IHO Strategic Plan in April 2022 (see reference C).

2. At IRCC-14, the IRCC Chair presented a proposal for measuring the SPIs allocated to the IRCC. The proposal was approved by the Committee's members (see reference D – Decision 45), and the IHO Secretariat was invited, in accordance with the proposal in reference E, to assist to determine the figures for the following four SPIs:

- SPI 1.2.2 – Percentage of navigationally significant areas (e.g. charted traffic separation schemes, anchorages and channels) for which the adequacy of the hydrographic knowledge is assessed through the use of appropriate quality indicators.
- SPI 2.1.1 – Number of hits downloading data/information from the portal.
- SPI 2.2.1 – Percentage of adequately surveyed area per coastal state.
- SPI 2.3.1 – Number of HO's reporting success applying the UN shared guiding principles for geospatial information management in order to ensure in their national contexts.

3. In order to proceed to measure the figures related to the SPIs in paragraph 2, IHO Member States are requested as follows:

- SPI 1.2.2: to authorize RENCs to provide CATZOC data of their respective ENC's distributed to IHO Secretariat
- SPI 2.2.1: to update regularly and at least annually the IHO Publication C-55
- SPI 2.3.1: to complete the Questionnaire provided in Annex A and return it to the IHO Secretariat **not later than 15 October 2022** by email (cl-ic@iho.int) or, but preferably,

using the IHO Online Form System available at the following link:
https://IHO.formstack.com/forms/cl23_2022

4. The IHO Secretariat will provide the figures for the SPIs referred to in paragraph 2 through the 2022 IHO Annual Report, for the further presentation to the 3rd Session of the IHO Assembly.

On behalf of the Secretary-General
Yours sincerely,

A handwritten signature in black ink, appearing to read 'Luigi Sinapi', written in a cursive style.

Luigi SINAPI
Director

ANNEX A: Questionnaire for the measuring SPI 2.3.1



ANNEX A

QUESTIONNAIRE FOR MEASURING SPI 2.3.1

Introduction

The shared guiding principles for innovation, governance and compliance in geospatial information management were drafted by the United Nations Committee of Experts on Global Geospatial Information Management (UN-GGIM) and finally endorsed by the Economic and Social Council (ECOSOC) in 2015. The suggested adherence to those principles is aiming to establish strong, successful and relevant geospatial information organizations.

This intention fully complies with Goal 2 of IHO's Strategic Plan to assist Hydrographic Offices to *increase the use of hydrographic data for the benefit of society* by strengthening the respective national and regional position. Target 2.3 of the Strategic Plan recommends the application of the *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* with the associated Strategic Performance Indicator (SPI) 2.3.1 counting the *number of HOs reporting success applying the principles in their national contexts* to reflect this strategic ambition.

However, given that the national and regional context for each HO will vary, it is reasonable to expect that the interpretation of the guiding principles will also differ between Member States. As a consequence, measuring SPI 2.3.1 in such a way that allows a meaningful comparison of progress is difficult. Therefore, the following questionnaire is intended to give an initial impression of the global situation which in turn, will guide the development of a measurement schema to periodically track progress.

The questionnaire is comprised of both quantitative indicators and qualifying comments; allowing for statistical analysis, plus the identification of common trends and challenges faced by MS in the implementation of the guiding principles.

Representation

a) *Participation*: Does your organization participate in your national delegation to UNGGIM

Yes

No

Other

If other, please describe: [Click here to enter text.](#)

Innovation

b) *Hydrographic data advocacy*: Does your government actively promote the application of hydrographic data beyond safety of navigation in support of sustainable development, economic growth, disaster risk reduction and climate change?

Full

Partly

None

Additional comments [Click here to enter text.](#)

c) *Collaboration and coordination*: Does your government encourage national, regional and global collaborations fundamental to the facilitation of improvements in the development, management, use and exchange of hydrographic information, in order to create new knowledge and supply hydrographic products and services meeting user needs of the maritime domain?

Full

Partly

None

Additional comments [Click here to enter text.](#)

d) Continuous development and recognition of work: Is your government committed to policies and practices that ensure the continuous development, professional competence and ethical practices of those who work for and with hydrographic data?

Full

Partly

None

Additional comments [Click here to enter text.](#)

e) Agility and addictiveness: Is your government addressing and take advantage of instructional, technological and other advancements in support of the development and delivery of hydrographic products and services?

Full

Partly

None

Additional comments [Click here to enter text.](#)

f) Open data: Where feasible does your government adopt policies that maximize access to and use of open, free and unrestrictive geospatial information for innovation, efficient and effective decision making and a spatially enabled society.

Full

Partly

None

Additional comments [Click here to enter text.](#)

Governance

g) Use of and adherence to geospatial standards: Is your government committed to utilize standards and interoperable geo-processing technologies for hydrographic information according to the geodata standards framework maintained by IHO, ISO and OGC?

Full

Partly

None

Additional comments [Click here to enter text.](#)

h) Ownership and accountability: Is your government committed to the publication of metadata, including information on ownership and intellectual property rights, access and usage conditions and technical specifications of national hydrographic data and is your organization responsible for compliance to the IHO, ISO and OGC specifications of hydrographic data sets made available for consumption and use?

Full

Partly

None

Additional comments [Click here to enter text.](#)

i) Transparency: Are the sources and the processes that are used to create and provide official hydrographic data sets transparent to the public?

Full

Partly

None

Additional comments [Click here to enter text.](#)

j) *Respect and confidentiality:* Is your organization exhibiting high levels of responsibility and consideration to stakeholders in the execution of daily operations and is particular care exercised to protect the confidentiality of hydrographic information that may adversely impact an individual, community and/or Member State?

Full

Partly

None

Additional comments [Click here to enter text.](#)

k) *Standards of service:* Is your Organization employing geospatial information management best practices and solutions for hydrographic data, and pursue excellence in the delivery of hydrographic data and services including appropriate access, fairness and equity to all stakeholders?

Full

Partly

None

Additional comments [Click here to enter text.](#)

l) *Institutional framework:* Does your government encourage and create inclusive and participatory legal, policy and administrative frameworks to manage hydrographic data ownership, hydrographic data quality, and intellectual property and confidentiality issues?

Full

Partly

None

Additional comments [Click here to enter text.](#)

m) Expertise: Is your government valuing national expertise in hydrographic information knowledge and experience in order to, where appropriate, comment on and validate the quality of hydrographic datasets covering the national territorial waters seeking their overall consistency, in order to advise on matters of application, interpretation and use of hydrographic information?

Full

Partly

None

Additional comments [Click here to enter text.](#)

n) International cooperation and harmonization: Is your organization engaged in bilateral and multilateral cooperation in hydrographic information management to foster effective and efficient geospatial data management systems and is harmonization of national hydrographic data and services at regional and global levels encouraged in order to meet the needs of supranational users?

Full

Partly

None

Additional comments [Click here to enter text.](#)

Compliance

o) Sovereignty of Member States: Does your government consider and treat hydrographic data as a base infrastructure, to be created and maintained as other base infrastructures?

Full

Partly

None

Additional comments [Click here to enter text.](#)

p) Adherence to law: Is the intellectual property of hydrographic data creators and providers acknowledged and protected in your country?

Full

Partly

None

Additional comments [Click here to enter text.](#)