

Secretariat's activities on the implementation of the Strategic Plan

Submitted by:	Secretary-General
Executive Summary:	This submission provides the assessment of the Secretariat's activities under Work Programme 1 Corporate Affairs for the first nine months of 2022 with a focus on Goal 2 and 3.
Related document:	IHO Work Programme 2022

References

- A. 3-year Work Programme and Budget 2021-2023
- B. 5th Meeting of the Council – Summary Report
- C. IHO Strategic Plan 2021 – 2026
- D. IHO CL 23/2022 - IHO Strategic Plan 2021-2026 – Determination of figures to calculate the Strategic Performance Indicators (SPI) assigned to IRCC

Introduction

- a. Article VI(g)(iii) of the Convention on the IHO stipulates that the Council ...coordinate during the inter-Assembly period the activities of the Organization within the framework of the strategy, work programme and financial arrangements, as decided by the Assembly.
- b. The Work Programme for 2022 is based on the second year of the three-year Work Programme (2021-2023) as approved by the 2nd Session of the IHO Assembly A-2 (Reference A) and was endorsed by the fourth meeting of the IHO Council C-5 (Reference B).
- c. A-2 adopted the Strategic Plan 2021 – 2026 (Reference C) which includes new Strategic Performance Indicators (SPIs) aiming to measure efficiency and effectiveness of the application of work programme items. C-4 agreed the allocation of the new SPIs to the Secretary-General, HSSC and IRCC for Programmes 1, 2 and 3 respectively (Decision C4/39).
- d. Following the adoption of the Revised Strategic Plan by A-2 and the allocation of the new SPIs to the Secretary-General, HSSC and IRCC for Programmes 1, 2 and 3 respectively (Decision C4/39), C-5 endorsed the proposed method to assess Secretariat's activities under Work Programme 1 Corporate Affairs (C5/38).
- e. In accordance with Reference D, the Secretariat was also invited to assist to determine the figures of some of the SPI assigned to IRCC, amongst which the following SPI 2.1.1 – *Number of hits downloading data/information from the portal.*
- f. This document presents a summary of activities in support of Work Programme 1 Corporate Affairs with a focus on Goal 2 and 3 which have taken place in the first nine Months of 2022. The methodology complies with the one endorsed by C5/38 and C5/39.

Targets and related activities

Targets	Strategic Performance Indicator (SPI)- measurement for success	Lead
Goal 2: Increasing the use of hydrographic data for the benefit of society		
2.1 Build a portal to support and promote regional and international cooperation in marine spatial data infrastructures (MSDI).	2.1.1 Number of hits downloading data/information from the portal.	IHO Secretariat/Corporate Affairs

Comment:

The existing gateway to national MSDI infrastructure can be found under:
<https://iho.int/en/iho-online-catalogues>



The Map below includes information regarding National Marine Spatial Data Information (MSDI) Portals.



The MSDI WG discussed how a specific MSDI portal should finally function. In view of the definition of an IHO MSDI Portal in 2024 as requested in Reference C, the Secretariat is of the view that the focus of the envisioned portal should change. Instead of referencing to the respective national MSDI infrastructure which links will never be complete nor fully up to date, it is proposed to focus on global thematic layers of information which are genuine to the IHO scope such as those which are already provided under IHO online catalogues. Some examples are listed here:

- IHO Membership (IHO Secretariat)
- INT Chart coverage (RHC)
- ENC coverage (RENC)
- Global CATZOC dataset (RENC)
- Global AIS dataset (US)
- C-55 content (IHO Secretariat)
- Global MSI NAVAREA layout (IHO Secretariat)
- S-100 showcases / best practices (MS)
- SCUFN Gazetteer
- DCDB Map Viewer
- Global Bathymetry (GEBCO Grid)

This approach can be extended to other themes such as future digital chart catalogues (S-128) and a global repository of Marine Protected Areas (S-122).

Targets	Strategic Performance Indicator (SPI)- measurement for success	Lead
Goal 3: Participating actively in international initiatives related to the knowledge and the sustainable use of the Ocean		
3.3 Implement a comprehensive IHO digital communication strategy in order to enhance its visibility and accessibility to its work	3.3.1 Number of visits, likes, re-postings, etc. associated to the IHO social media sites. 3.3.2 Volume downloaded from the IHO website and Geographical Information System (GIS).	IHO Secretariat/Corporate Affairs

Comment:

Such metrics are routinely measured by the Secretariat on a 6-month basis. The last check resulted in the following numbers:

IHO Website:

From 1 January 2022 to 30 September 2022 104,534 users visited the IHO website, which resulted in 637,559 page views.

LinkedIn:

On 30 September 2022, the IHO had 5830 followers on LinkedIn (vs 3954/June 2021, 2880/Nov 2020).

- Post on IHR article on using multibeam bathymetry to locate shipwrecks: 6202 views
- Post on Iraq as new MS: 6062 impressions

Twitter:

- 830 followers
- 45,5K impressions since January 1 (vs 77,2K last year)
- June 2022: total of 13.3 K tweet impressions
- Top tweet: on UN Oceans Conference side event in Lisbon: 2753 impressions

Facebook:

- 885 followers (up from 480 on 1 January 2021)
- Post on Sir Ernst going to Antarctica: 8,2K views
- Post on WHD video “Hydrography supporting all ocean activities” reached 2400 people

g. The contribution of Programme 1 to Goal 3, however, is more comprehensive as the metrics for social media, IHO visitors and requests for download can express. The management and fostering of relations with intergovernmental and other international organizations is an essential contribution and can be measured quantitatively and qualitatively in terms of the amount and type of outreach. The annexed excerpt of WP1 out of the full IHO Work Programme lists all such notable activities undertaken under the IHO Work Programme 1 until 1st October 2022 in four categories:

Global outreach:	15 notable activities
Regional outreach:	3 notable activities
Stakeholder's specific outreach:	25 notable activities
Consultations:	2 notable activities

The Council is invited to **take note of**

- the invitation to refocus the function and the layout of a future MSDI portal;
- the continued increase of IHO visibility via IHO website and social media activities;
- the amount of notable outreach activities under WP1 in four categories.

Element 1.1 Cooperation with International Organizations and participation in relevant meetings

Objective: Maintain relationships with relevant international organizations in order to further the interests of the IHO by enlisting their support and cooperation, and participate in projects of common interest. Represent the IHO and participate in international forums dealing with matters of relevance to the objectives of the IHO and the IHO WP, including:

Task	Description	Strategic Goals&Targets	Notable stakeholder(s) outside the IHO	Notable activities	Lead authority/ Participants	Comments on the type of outreach
1.1.1	Maintain relationships with the Government of Monaco and the diplomatic corps accredited in Monaco		Professional yacht operators Members of Monaco Yacht Club Regional Marine scientific community	<ul style="list-style-type: none"> Participation on Explorer Yacht Conference Presentation of IHO tasks for Yacht Club de Monaco Participation on Monaco Ocean Week MOU with YCM on CSB Open house on 26 Journées Européennes du Patrimoine 	Secretariat	Stakeholders specific outreach (5)
1.1.2	Maintain relationship with the Antarctic Treaty Consultative Meeting (ATCM)	3.2	Mariners Ship operators Marine scientific community	Participation and report to ATCM XLIV	Secretariat	Global outreach
1.1.3	Maintain relationship with the Comité International Radio Maritime (CIRM)	1.2	Navigation equipment manufacturers	Coordination of Submission to IMO for adoption of S-100 for ECDIS Performance Standards	Secretariat	Consultations
1.1.4	Maintain relationship with European Union Initiatives (such as INSPIRE and EMODnet)	3.2	Policy makers, scientists, economists, environmentalists	<p>The European Commission and the IHO celebrated the 10th anniversary of the signing of their Memorandum of Understanding.</p> <p>One Ocean Summit in Brest under the Patronage of the President of the French Republic holding EUs presidency in 2022 – participation to a side event as panellist</p>	Secretariat	Regional outreach Global outreach
1.1.5	Maintain relationship with the Group on Earth Observation (GEO)	2.3		No activity	Secretariat GEBCO GC MSDIWG	
1.1.6	Maintain relationship with the International Association of Marine Aids to Navigation and Lighthouse Authorities (IALA) including the IALA e-NAV Committee: IALA World-Wide Academy (WWA)	3.1	Aids to Navigation authorities, e-Navigation data service providers, maritime community	7th Conference of Digital@Sea Asia Pacific (Keynote and participation, installation of new MOU - on the establishment of the global digital testbed clusters, for digital solutions and services in the maritime domain.	Secretariat, HSSC WGs, CBSC	Stakeholder's specific outreach
1.1.7	Maintain relationship with the International Electrotechnical Commission (IEC), including: IEC Technical Committee 80	1.1	Equipment manufacturers, Type approval bodies	Coordination of Submission to IMO for adoption of S-100 for ECDIS Performance Standards	Secretariat, HSSC WGs	Consultations

Task	Description	Strategic Goals&Targets	Notable stakeholder(s) outside the IHO	Notable activities	Lead authority/ Participants	Comments on the type of outreach
1.1.8	Maintain relationship with the International Maritime Organization (IMO), including:	1.1 3.1	Mariners Ship operators Administrations	Participation on relevant IMO Conferences: NCSR, MSC, FAL	Secretariat	Global outreach
1.1.8.1	- Assembly			No activity		
1.1.8.2	- Council			No activity		
1.1.8.3	- MSC			Engagement with IMO for S-100 Implementation Strategy		Global outreach
1.1.8.4	- NCSR			Engagement with IMO for S-100 Implementation Strategy by means of IHO Report		Global outreach
1.1.8.5	- TCC			No activity		
1.1.9	Maintain relationship with the Intergovernmental Oceanographic Commission (IOC) of UNESCO, including:	3.2	Marine scientific community	Initiation of the review process of GEBCO governance	Secretariat, GEBCO GC, MSDIWG	Stakeholder's specific outreach
1.1.9.1	- Assembly					
1.1.9.2	- Executive Council			Participation	Secretariat	Stakeholder's specific outreach
1.1.9.3	- Specialized WGs					
1.1.10	Maintain relationship with the International Organization for Standardization (ISO), including: - ISO Technical Committee 211	1.1 1.2		Joint side event and report to UN-GGIM12	Secretariat	Global outreach
1.1.11	Maintain relationship with the Joint Board of Geospatial Information Societies (JB-GIS)	1.1		No activity	Secretariat	
1.1.12	Maintain relationship with United Nations (UN) organizations based in New York, including:	2.3	Marine geospatial data providers and users	UN Ocean conference Lisbon – participation and active contribution with two side events	Secretariat ABLOS MSDIWG	Global outreach
1.1.12.1	- the UN Committee of Experts on Global Geospatial Information Management (UN-GGIM) and WG on Marine Geospatial Information			Participation at UN-GGIM12 and report in collaboration with ISO and OGC Active support of the WG on Marine Geospatial Information		Global outreach

Task	Description	Strategic Goals&Targets	Notable stakeholder(s) outside the IHO	Notable activities	Lead authority/ Participants	Comments on the type of outreach
1.1.12.2	- the UN Division on Ocean Affairs and Law of the Sea (UN-DOALOS)			22 nd UN Open-ended Informal Consultative Process on Oceans and the Law of the Sea – contribution as panelist		Global outreach
1.1.12.3	- the UN (UN Expert Group on Geographical Names (UNGEGN)			No activity		
1.1.13	Maintain relationship with the World Meteorological Organization (WMO)		Mariners Ship operators Maritime Administrations	Collaboration within the framework of WWNWS Steering Committee	Secretariat	Global outreach
1.1.14	Maintain relationship with the International Seabed Authority (ISA)	1.1 2.3	Marine geospatial data providers and users	Establishment of an MOU for the provision of bathymetric data of ISA's contract areas for DCDB	Secretariat	Stakeholder's specific outreach
1.1.15	Maintain relationships with other international and observer organizations when their agendas have relevance to the programme of the IHO	3.2		Participation on OGC's annual conference	Secretariat	Stakeholder's specific outreach
1.1.15.1	21 th session of the Asia-Pacific Heads of Maritime Safety Agencies (APHoMSA) forum			No activity		
1.1.15.2	Conference of the Association of African Maritime Administrations Southern and East African and Islands Regional Group for Safety of Navigation and Marine Environment Protection (SEAGNEP)			No activity		
1.1.15.3	COMNAP (Council of Managers of National Antarctic Program)			No activity		
1.1.15.4	IMSO (International Mobile Satellite Organization) Assembly			No activity		

Task	Description	Strategic Goals&Targets	Notable stakeholder(s) outside the IHO	Notable activities	Lead authority/ Participants	Comments on the type of outreach
1.1.15.4.1	IMSO - Advisory Committee			No activity		
1.1.15.5	IMPA (International Maritime Pilots' Association)			No activity		
1.1.15.6	FIG (International Federation of Surveyors)			Participation and report to General Assembly	Secretariat	Stakeholder's specific outreach
1.1.15.7	Hydro 2022 US			Keynote speech	Secretariat	Regional outreach
1.1.15.8	International Cartographic Conference and General Assembly			Participation and report	Secretariat	Stakeholder's specific outreach
1.1.15.9	Meeting of the Working Group on Marine Cartography of the International Cartographic Association (ICA)			No activity		
1.1.15.10	Meeting of the Commission on SDI and Standards of the International Cartographic Association (ICA)			No activity		

Element 1.2 Information Management

Objective: Provide Member States and IHO stakeholders with accurate and relevant information in a timely and accessible manner.

Task	Description	G&T	Notable stakeholder(s) outside the IHO	Notable activities	Lead authority/ Participants	Comments on the type of outreach
1.2.2	Maintain and extend the IHO GIS, webservice and web mapping services in support of RHCs, ENC production coordination, INT chart coordination, C-55 and other related activities	3.3		<ul style="list-style-type: none"> Maintenance and further development of INTOGIS II Recruitment of a dedicated GIS expert for Locally Recruited Staff 	Secretariat	Stakeholder's specific outreach
1.2.3	Maintain and extend the Secretariat Admin IT infrastructure, including in-house publishing facilities	3.3		continuous	Secretariat	Global outreach
1.2.4	Maintain the IHO reference library collection including the incorporation of new material			continuous	Secretariat	Stakeholder's specific outreach
1.2.5	Implement and maintain online forms for the input from Member States to the IHO databases and in response to circular letters			continuous	Secretariat	Stakeholder's specific outreach

Element 1.3 Public Relations and Outreach

Objective: Raise awareness of the role of the IHO and the value and importance of hydrography and nautical charting services. Provide advice and guidance on States obligations under international regulations such as SOLAS Chapter V and highlight the importance of coordinated efforts in providing for safety of navigation, protection of the marine environment and the sustainable management and development of the oceans, seas and waterways. Stress the importance of becoming an IHO Member State.

Task	Description	G&T	Notable stakeholder(s) outside the IHO	Notable activities	Lead authority/ Participants	Comments on the type of outreach
1.3.1	Promote the IHO through publicity and public relations initiatives	3.3		<ul style="list-style-type: none"> Production of new flyers and other promotional materials Recruitment of a dedicated Graphics Design Assistant as replacement for the GD Assistant who went for retirement in 2020 Recruitment of a dedicated PR assistant for Locally Recruited Staff 	Secretariat, Member States	Stakeholder's specific outreach
1.3.2	Encourage new membership of the IHO			Accession of three new Member States: Iraq, Angola and Albania	Secretariat, RHC Chairs (except: ARHC, NHC, NSHC, USHC)	Global outreach
1.3.2.1	Undertake high-level visits to Governments of non-MS			High level visit to Bolivia	Secretariat, RHC Chairs (except: ARHC, NHC, NSHC, USHC)	Regional outreach
1.3.3	Celebrate World Hydrography Day including the preparation of information to support the themes	3.3		Promotion of this year's theme "Hydrography – contributing to the UN Ocean Decade" through various activities	Secretariat, Member States	Global outreach
1.3.4	Compile and publish P-1 – <i>International Hydrographic Review</i> with the assistance of a paid editor	3.3		<ul style="list-style-type: none"> Two issues published Recruitment of a new Editor in Chief Strategic workshop on the future development of the International Hydrographic Review 	Secretariat, Member States	Stakeholder's specific outreach
1.3.4.1	Maintain a digital repository for the overall collection of P-1 available for worldwide access				Secretariat	
1.3.5	Develop IHO Corporate Communication Plan, Social Networks, Newsfeed, Media Release	3.3		Increased frequency and level of blogs and feeds on LinkedIn, twitter and Facebook	Secretariat	Global outreach

Element 1.4

Work Programme & Budget, Strategic Plan and Performance Monitoring

Objective: Ensure that the formulation and the execution of the IHO Work Programme and Budget is managed, monitored and executed efficiently to best meet the requirements of Member States and the interests of stakeholders. This Element focuses on the implementation of the IHO's Strategic Plan particularly with regard to risk assessment and performance indicators.

Task	Description	G&T	Notable stakeholder(s) outside the IHO	Notable Activities	Lead authority/ Participants	Comments on the type of outreach
1.4.1	Execute the IHO Work Programme and Budget approved by the 2 nd Session of the Assembly, monitoring its progress and proposing or implementing any necessary adjustments according to the circumstances and the regulations	All Goals &Targets		<ul style="list-style-type: none"> Income and costs are within the margins of the planned budget. Full Finance Report to be presented to C-6 	Secretariat Council	Stakeholder's specific outreach
1.4.2	Develop and propose future IHO Work Programme, Budget and Strategic Plan	All Goals &Targets		Work Programme for 2023 to be presented to C-6	Secretariat Council Assembly	Stakeholder's specific outreach
1.4.3	Conduct biennial IHO stakeholders' forums	2.2 3.1			Secretariat	
1.4.4	Conduct biennial IHO stakeholders' forums			No activity	Secretariat	

Element 1.5 Secretariat Services

Objective: Ensure that the Secretariat meets the requirements set by the member states, by providing the best service within the resources available.

Task	Description	G&T	Notable stakeholder(s) outside the IHO	Notable activities	Lead authority/ Participants	Comments on the type of outreach
1.5.1	Maintain formal communication between the Secretariat and the Member States through Circular Letters	3.3		continuous	Secretariat	Stakeholder's specific outreach
1.5.2	Maintain, update and develop procedures to facilitate and improve the effectiveness of the finance and administrative work of the Secretariat			All internal procedures are available for home office	Secretariat	Stakeholder's specific outreach
1.5.3	Provide in-house translation services English/French and French/English in support of the IHO WP Include Spanish translations as much as possible in accordance with the relevant IHO Resolutions			continuous	Secretariat	Stakeholder's specific outreach
1.5.4	Engage contract support to supplement the maintenance and development of IHO publications beyond the resources or competence of the Secretariat or the IHO WGs, including: - Translation - Technical editing			Enhanced contract support for Spanish translations Enhanced contract support for French	Secretariat	Stakeholder's specific outreach
1.5.5	Compile, maintain and publish IHO publications that are not allocated to a specific IHO body, including: P-5 – IHO Yearbook P-7 – IHO Annual Report P-6 – Proceedings of the Assembly M-3 –Resolutions of the IHO			As required	Secretariat	Global outreach
1.5.6	Secretariat staff training			No activity		
1.5.7	Monitor and maintain the Staff Regulations and the Job Descriptions of the Staff of the IHO Secretariat in step with the evolution of the IHO Work Programme and IHO requirements			Flexible application of the existing regulations under pandemic conditions for home office Review of the Staff Regulations in place (M-7)	continuous	Stakeholder's specific outreach
1.5.8	Maintain the premises and facilities of the IHO Secretariat as required as the occupant, including renovations or modifications as requirements arise			Refurbishment of Secretariat's Lobby and Lower Entrance	continuous	Regional outreach

Element 1.6 IHO Council and Assembly

Objective: Ensure the successful functioning of sessions of the Council and the Assembly so that they fulfil their top-level governance and decision-making functions in accordance with the Convention and the other basic documents of the Organization.

Task	Description	G&T	Notable stakeholder(s) outside the IHO	Notable activities	Lead authority/ Participants	Comments on the type of outreach
1.6.1	Prepare and conduct the 2 nd session of the IHO Assembly			No Assembly in 2022	Secretariat	
1.6.1.1	Pre-meeting briefing and preparation for Chair of the Assembly				Secretariat Chair of Assembly	
1.6.2	Prepare and conduct annual sessions of the IHO Council			C-6 preparations as first in person meeting after 2019	Secretariat	Stakeholder's specific outreach
1.6.2.1	Pre-meeting briefing and preparation for Chair of Council			Done in the margins of ARHC12	Secretariat, Chair of Council	Stakeholder's specific outreach