



Summary report on WP3

Inter-Regional Coordination Committee (IRCC)

Thomas Dehling, IRCC Chair

Items to be reported

- IRCC Introduction
- Implementation of the IHO Strategic Plan
- IRCC Workshops
- WEND-100
- Capacity Building Strategy
- IHO e-learning Center
- Other highlights from the IRCC Work Plan
- Future challenges

IRCC Introduction

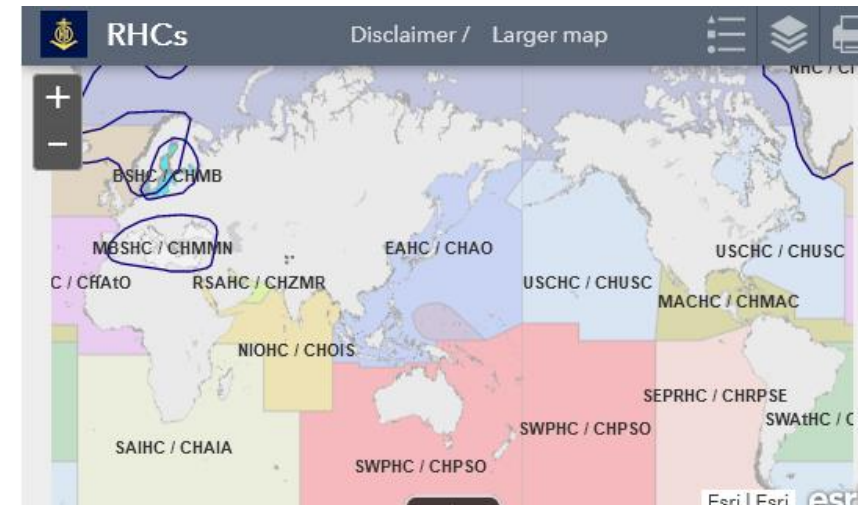
The Inter-Regional Coordination Committee (IRCC) is the steering committee of the IHO for inter-regional coordination and support.

Chair: Mr Thomas DEHLING (Germany)

Vice-Chair: Dr John Nyberg (USA)

Members: Chairs of the 15 RHCs and of HCA
Chairs of 9 subordinate bodies

(WWNWS, CBSC, WENDWG, MSDIWG, IENWG, CSBWG, IBSC, DCDB, GGC)



Excellent cooperation between IRCC and HSCC

Implementation of the IHO Strategic Plan

More time for strategic issues at IRCC

Workshops of the IRCC as a new tool of online and intersessional operation

- First Workshop in 2021 on Strategic Plan including “Gap Analysis” approach from SWPHC
- Second Workshop in April 2022 on SPI
- Plans to have regular Workshops on important topics.....



Implementation of the IHO Strategic Plan

How to measure progress?

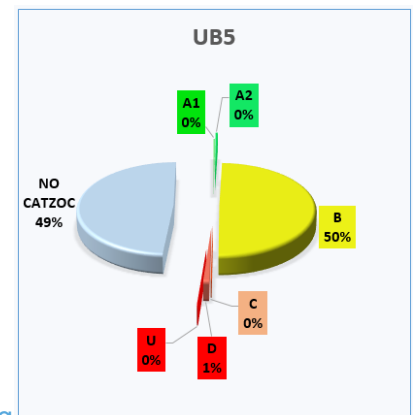
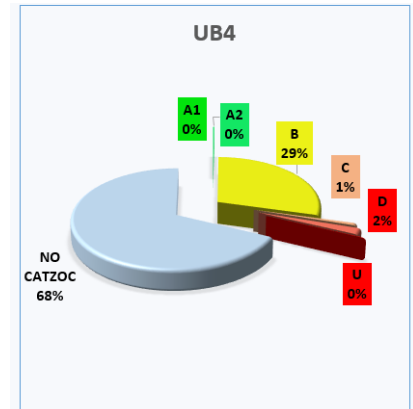
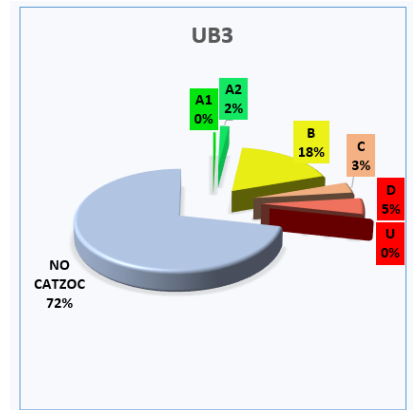
Strategic Performance Indicators(SPI)

9 SPIs allocated to IRCC

- keep it simple, figures measuring the success,
- comparable, simple, digital means,
- find global indicators that doesn't leave any MS behind.

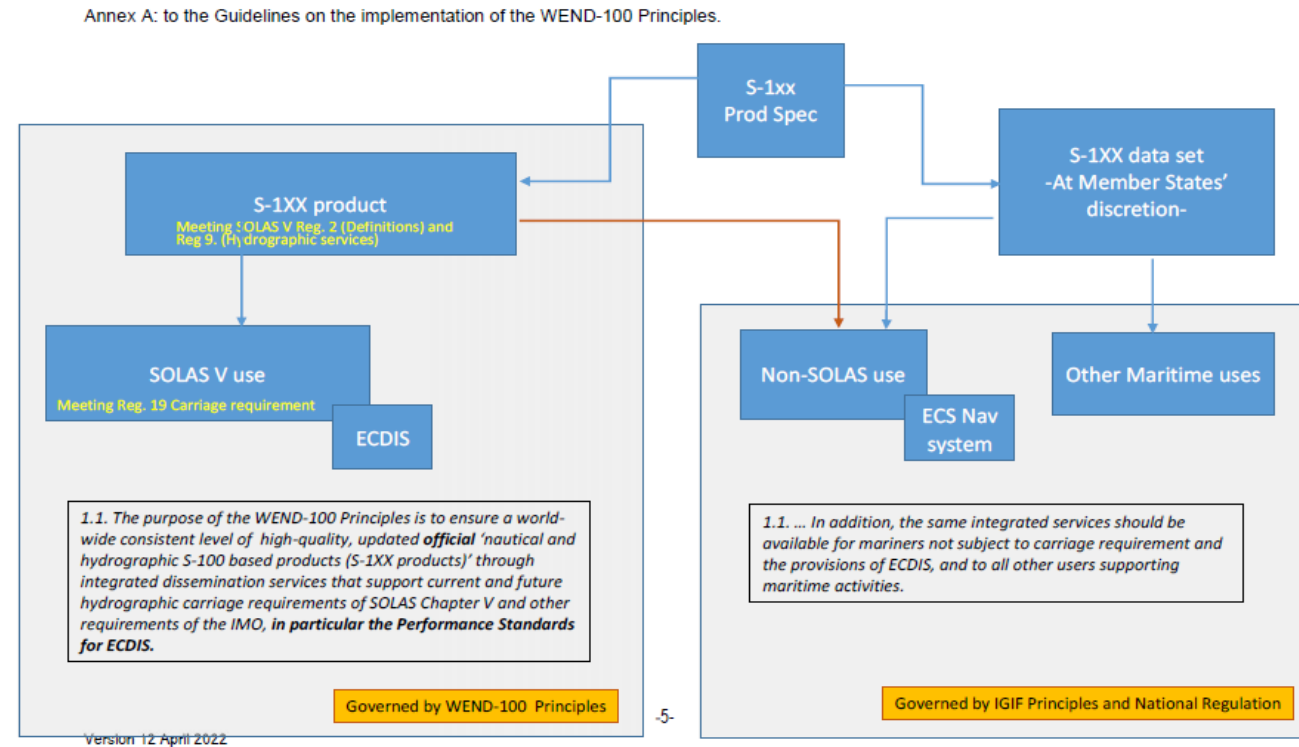
Examples

- SPI 1.2.2; adequacy of hydrographic knowledge is assessed through appropriate indicators
- SPI 2.2.1; percentage of adequately surveyed area per coastal state



WORLDWIDE ENC DATABASE WORKING GROUP

- WEND-100 principles to ensure world-wide consistence of S-1XX Products developed and adopted in 2021
- Guidelines on the implementation of WEND-100 principles
- IGIF Principles
- Close cooperation with HSSC



Capacity Building

Revised Capacity Building Strategy

- IRCC/CBSC were tasked by A-2 to revise the CB Strategy (2014)
- New edition is even better aligned to the IHO Strategic Plan
- It was endorsed at C-6
- IHO Assembly 3 will be invited to approve and adopt the Revised Capacity Building Strategy (PRO 3.2)



Capacity Building

Establishment of the IHO e-learning Center

- Proposal by the Republic of Korea endorsed at A-2
- CBSC established the e-Learning Project Team (PT)
- Guidelines in cooperation with the Republic of Korea.

This very important development was made thanks to the outstanding contribution and sustained support of ROK and especially KHOA.

Center is operational now under: <https://elearning.iho.int/>

Thanks go to ROK and KHOA also for confirming the ongoing support to the Center financially, technically and with human resources.

- Planned approval of the Guidelines at next CBSC and IRCC
- IHO CL formalizing the establishment and functionality of the Center



Capacity Building

Funds and contributions

- limited funds not earmarked to specific sponsored activities
- generous financial contributions from ROK and Nippon Foundation from Japan
- Financial contribution from Canada to the *Empowering Women in Hydrography* project and in-kind contributions from other MS
- Need to find new ways for acquisition of additional resources



Empowering Women in Hydrography

The IHO has launched a new project “Empowering Women in Hydrography” with the goal of :

- ...raising awareness about career opportunities in hydrography
- ...to increase the number of women in leadership positions.



Empowering Women in Hydrography

- Initiative and initial funds from Canada
- Canada – IHO Agreement for the Empowering Women in Hydrography (EWH) project signed on 12 May 2021
- EWH project as a Capacity Building activity
- International Project Team established
- IHO internal structure and resources
- Several activities started
- Recognition as a project of the UN Decade of Ocean Sciences for Sustainable Development

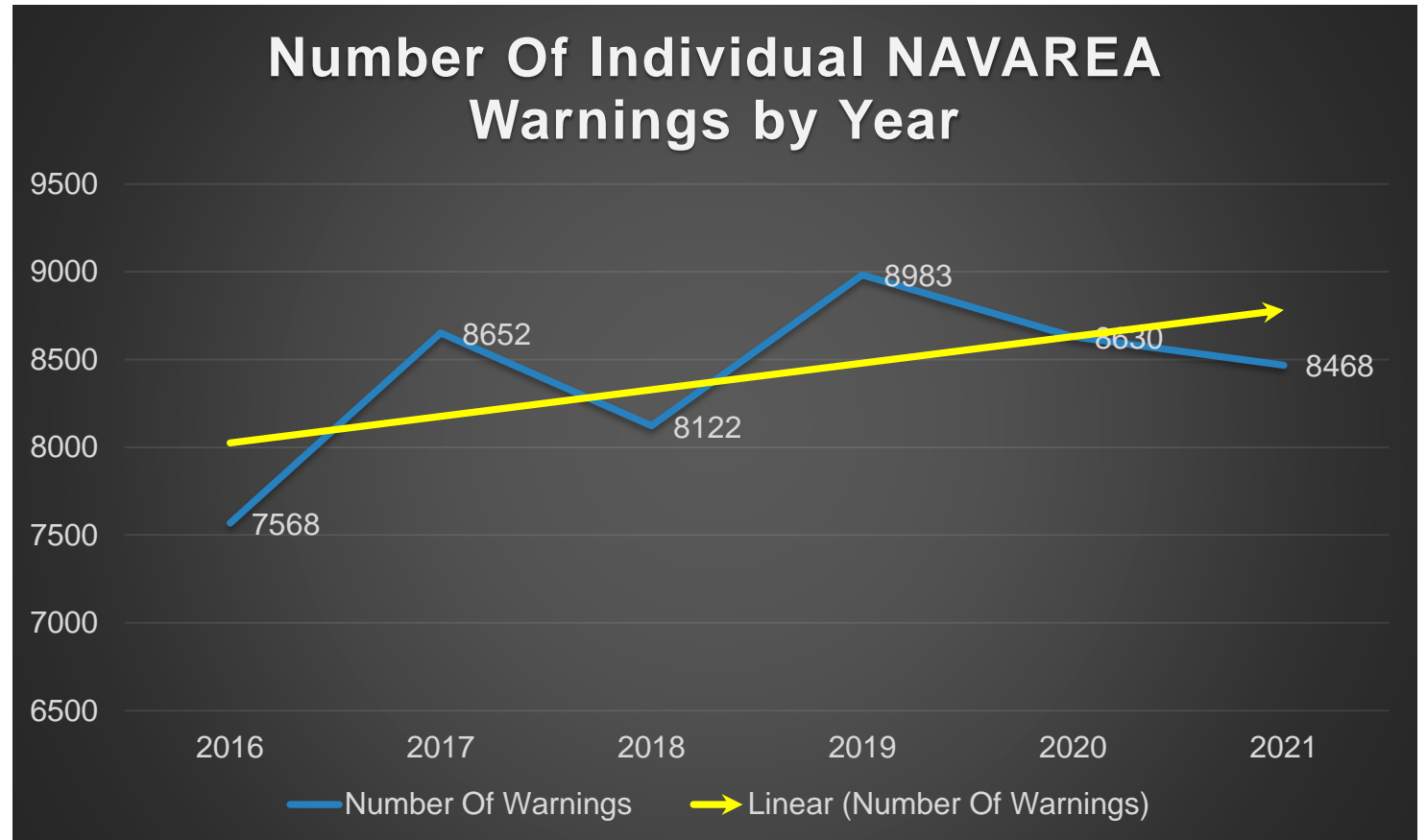


WWNWS

Sub-Committee on the World-Wide Navigational Warning Service

“On average, there were 41,548 [Inmarsat] messages per month, including repeated messages. The average messages per month increased by 7,648 compared to the last reporting period” (NCSR 9/10/3)

Challenges are the alignment to new digital means in encoding (S-124) and transmission of NAVAREA Warnings (Iridium)



MSDIWG

Marine Spatial Data Infrastructures Working Group

- Ongoing cooperation with
 - Marine Domain Working Group (MDWG) of the Open Geospatial Consortium (OGC).
 - UN-GGIM Working Group on Marine Geospatial Information (WG-MGI),
 - combined with an International Seminar on United Nations Global Geospatial Information Management in May 2022.
- MSDIWG intends to provide guidance on how IHO MS can use the FAIR principles (Findable, Accessible, Interoperable, Re-usable) in their work and develop an HO MSDI FAIR principles check list.



IENWG

IHO-EU Network WG

- 10th Anniversary of IHO-EC MoU celebrated on 6 May 2022,
- the interoperability between bathymetric Data of European waters (EMODnet) and the GEBCO Grid,
- Marine Spatial Planning-MSP is becoming a major topic of interest in European Waters



IBSC



FIG/IHO/ICA International Board on Standards of Competence for Hydrographic Surveyors and Nautical Cartographers

- new: review of individual recognition schemes
- Need to improve the quality of initial submissions
- Enlarged Board (from 10 to 12)
- First discussions on how to reflect better the growing relevance of geodata management expertise in the course schemes

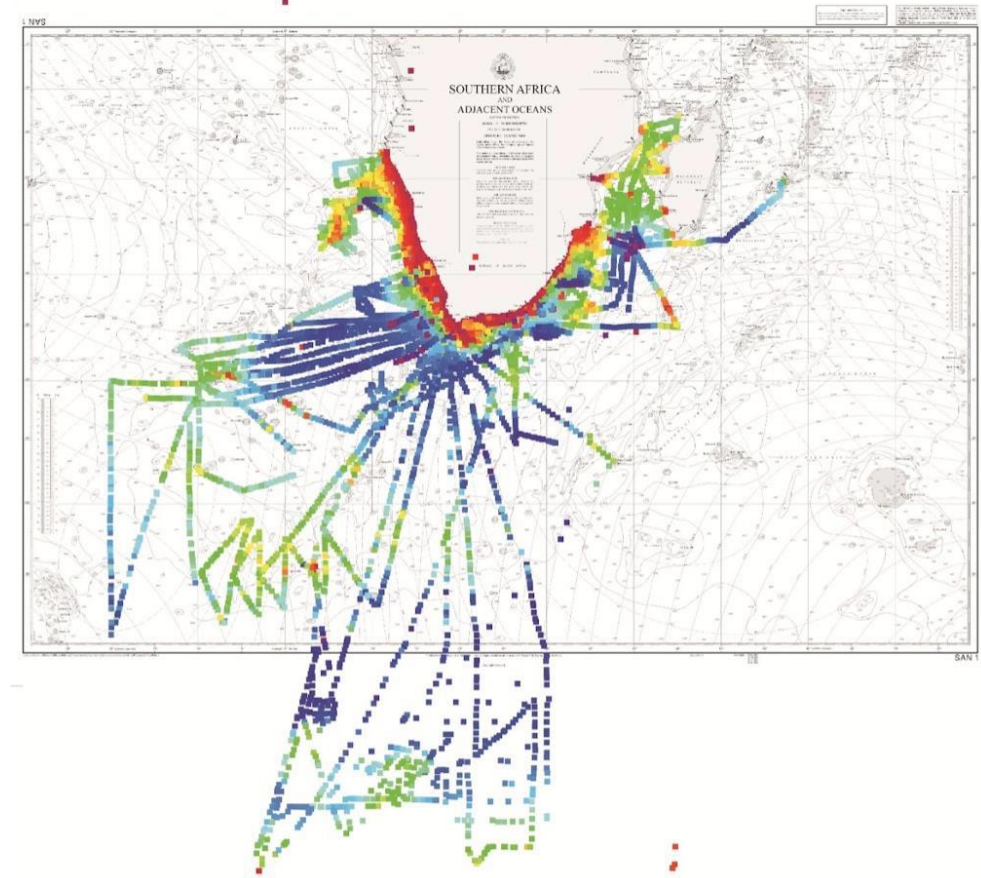
2022	In the IBSC45 Meeting		Intersessional Revision	After Intersessional Revisions	
Status	Total	Standards		Total	Standards
Recognized	3	1 S-5A			
		1 S-5B			
		1 Scheme			
Could Be Recognized	7	2 S-5A	2		
		3 S-5B	3		
		2 Scheme	2		
Not Recognized	3	2 S-5B	2		
		1 S-8B	1		
Total	13		10		

GEBCO, CSB, DCDB and Seabed 2030

Joint efforts and successes in gathering more existing and new bathymetric data

- Crowd Sourced Bathymetry WG
- General Bathymetric Chart of the Ocean Guiding Committee and Seabed 2030 Project
- IHO Data Center on Digital Bathymetry

“How to get the remaining ~75% of our planet’s unmapped ocean seafloor mapped”



Future challenges

- Need to find new ways to acquire additional resources for CB
- Steadily increasing need for coordination on RHC level and between RHCs in different fields of the IHO Strategic Plan
- Active participation in the development of S-100 products and services layout
- “How to get the remaining ~75% of our planet’s unmapped ocean seafloor mapped?”
- Improvements in outreach: do good things and talk about!



 **3rd IHO ASSEMBLY** 2-5 MAY 2023
MONACO



Thank you