



# 15<sup>th</sup> Meeting of the Hydrographic Services and Standards Committee

## Report of the Inter-Regional Coordination Committee (IRCC)

### Agenda Item 7.1

HSSC-15, Helsinki, Finland, 5 – 9 June 2023



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# PRINCIPAL ACTIVITIES AND ACHIEVEMENTS

International  
Hydrographic  
Organization

- IRCC-14 was held 6-8 June 2022 Denpasar, Bali, Indonesia + VTC
- IRCC-15 is planned to be held 12-14 June 2023 in Tokyo, Japan
- IRCC regularly shortly after HSSC, this year only one week later





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# PRINCIPAL ACTIVITIES AND ACHIEVEMENTS

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- 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

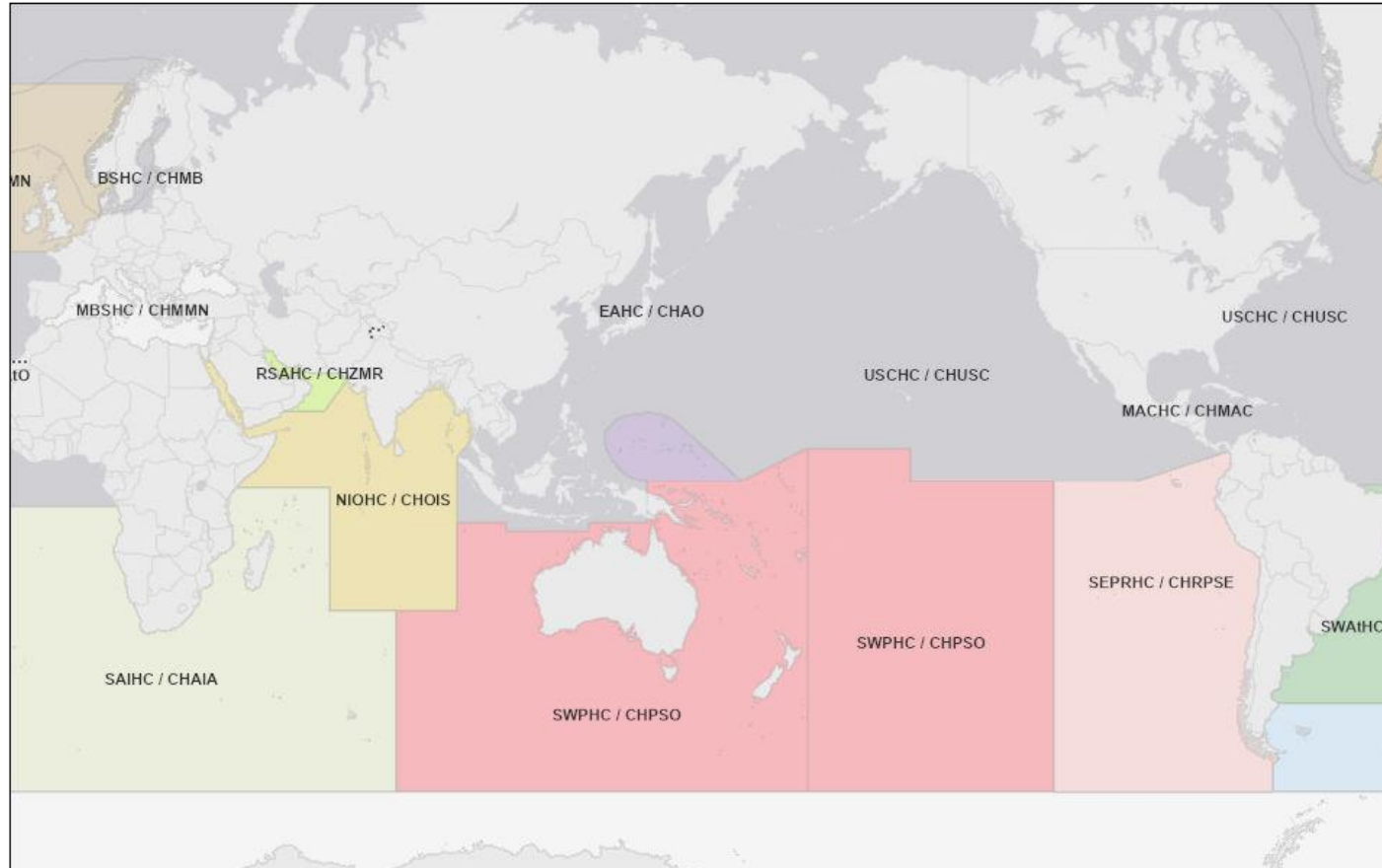


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# PRINCIPAL ACTIVITIES AND ACHIEVEMENTS

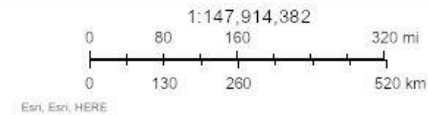
International Hydrographic Organization

ArcGIS Web Map



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RHC_boundaries		RHC_Labels	
ARHC	EAIHC	NHC	RHC_K
BSHC	HCA	NIOHC	SWAHC
EAHC	MACHC	NSHC	SAIHC
	MBSHC	RHC_C1b	USCHC_Pacific
		SEPRHC	USCHC_Atlantic



ArcGIS Web AppBuilder  
Esri, HERE | Esri |

- HCA
- WWNWS
- CBSC
- WENDWG
- MSDIWG
- IENWG
- CSBWG
- IBSC
- DCDB
- GEBCO



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# PRINCIPAL ACTIVITIES AND ACHIEVEMENTS

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## 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....





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## Implementation of the IHO Strategic Plan

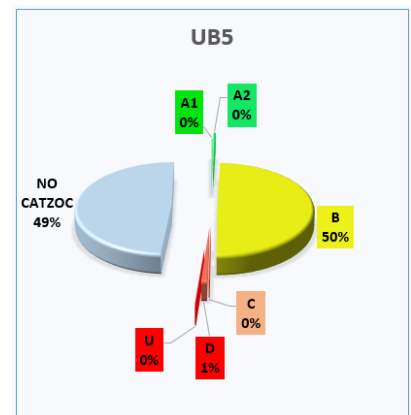
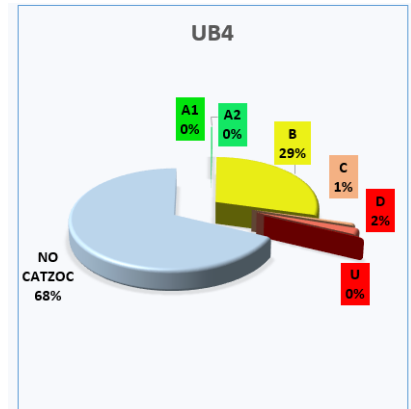
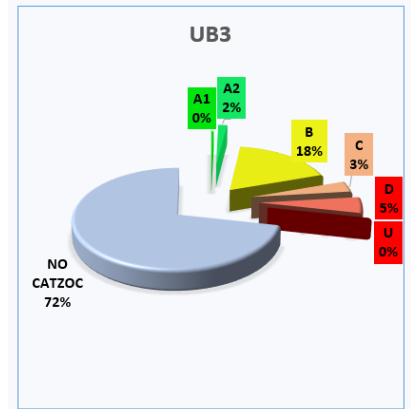
### Strategic Performance Indicator (SPI)

9 SPI allocated to IRCC

- keep it simple, figures measuring the success,
- comparable, simple, digital means,
- find worldwide indicators that don'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





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# **PRINCIPAL ACTIVITIES AND ACHIEVEMENTS**

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## **Actions from HSSC with relevance for IRCC**

**HSSC14/05, HSSC14/30, HSSC14/39**

Complete

**HSSC14/68**

Endorsed by IRCC



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- ***Regional Hydrographic Commissions***
- The RHC Chairs main concerns are related to
  - the determination of SPI values at regional level;
  - the collaboration and coordination in the implementation of the S-100 Roadmap;
  - the implementation of MSDI initiatives;
  - the postponement of Capacity Building projects and the importance of online training, such as the online courses offered by UKHO and the ROK.





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## WENDWG activities

### S-128

The WENDWG had a lengthy discussion regarding the importance and future of S-128, recognizing that it will be an important product specification for the WENDWG to consider due to its relationship to the future of RENC operations, the management of real time services, and the potential it has for application across various distribution platforms.

The WENDWG intends to work on a joint concept paper with NIPWG/S-100WG on the operational use of S-128.



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## **WENDWG activities**

### **INToGIS III Development**

WENDWG agreed to promote the submission of S-128 test data sets to KHOA for use in INToGIS III and endorsed the strategy and timelines proposed by KHOA for development.

WENDWG noted the importance of INToGIS III for sharing S-100 product coverage through S-128 and was pleased to note the timeline for providing S-100 global coverage by the end of 2023. The WG also was pleased to note, and thanked, US-NGA's contribution to INToGIS II, weekly updates of the World Port Index and the Global Maritime Traffic Density Service.



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## **WENDWG activities**

### **Chart Scheming Update**

Following WENDWG 12, the S-101 Scheming Guidelines Project team was placed on standby, where it remains. The WG still cannot find common ground for pursuing a global common grid scheme, so it has decided to task RHC Chart/S-100 Coordinators with reporting their planned S-101 chart schemes for each region, usage bands 1 – 4. The Group requested that submissions use INTToGIS III if and when it is commissioned.



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## WENDWG activities

### S-100 Coordinator

WENDWG noted that many of the RHCs have not yet established the S-100 Coordinator roles. Some may view it as an expansion of the Chart Coordinator role, while others may view it as an entirely new function.

WENDWG considered to include a Section 300 in S-11 Part A to present the S-100 Coordinator duties and suggests that the WENDWG liaise with the NCWG to consider amending S-11 as appropriate (Post WENDWG-13 meeting note: one option could be for the NCWG to be tasked to revise current Section 200 to include S-101 Scheming, and WENDWG to consider the development of a new Publication S-xx which could be named Guidance for the Preparation and Maintenance of S-100 Products Schemes in RHCs).



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## **WENDWG activities**

### **Chair and Vice-Chair**

New chairpersons have been elected.

Mr Jens Schröder-Fürstenberg (BSH, DE) and Mr Jason Scholey (UKHO, UK) were elected as Chair and Vice-Chair respectively, with date of effect to take office on 1 July 2023.



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## 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 and approved and adopted at IHO Assembly 3





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E - LEARNING CENTER

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## ***CB IHO e-Learning Center established***

- 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 would not have been possible to achieve without the outstanding contribution and sustained support of ROK and especially KHOA.
- I gladly thank 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



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## Capacity Building

Funds and contributions

very limited funds not earmarked to specific activities

generous financial contributions from ROK and Nippon Foundation from Japan

Contribution from Canada to the Empowering Women in Hydrography project and from other MS

Need to find new ways for generation of resources especially regarding S-100 (see decision at A-3)







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## Empowering Women in Hydrography

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

...raising awareness about career opportunities in hydrography

...to increase the number of women in leadership positions.





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## 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





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## MSDI

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.



### INTERNATIONAL SEMINAR ON UNITED NATIONS GLOBAL GEOSPATIAL INFORMATION MANAGEMENT

Effective and Integrated Marine  
Geospatial Information Management

10 – 12 MAY 2022



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## FUTURE CHALLENGES

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- Need to find new ways generating additional resources for CB, especially for S-100 topics
- Steadily increasing need for coordination on RHC level and between RHCs in different fields of the IHO Strategic Plan
- Promote RHC S-100 Coordinator role
- Active participation in the development of S-100 products and services
- “How to get the remaining 75% of our planet’s unmapped ocean seafloor mapped”
- Outreach



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# **ACTIONS REQUESTED FROM HSSC**

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The HSSC is invited to :

1. Note the report
2. Consider the proposals by WENDWG
3. Encourage the importance of RHC S-100  
Coordinator role