



# Hydrographic Commission on Antarctica

## **Seminar on the status and the impact of hydrography in Antarctic waters**

### **Item 2.1 International collaboration in hydrography**



IHO

# INTERNATIONAL HYDROGRAPHIC ORGANIZATION: HISTORY AND CONSTITUTION

International  
Hydrographic  
Organization

## GET TO KNOW THE IHO

INTERNATIONAL  
HYDROGRAPHIC  
ORGANIZATION

*Dedicated to supporting safe navigation and protection of the environment*

### WHAT WE DO



**COORDINATE**  
activities among national  
hydrographic offices



**MAINTAIN**  
uniformity in nautical  
charts and documents



**ADOPT**  
effective methods of  
collecting and sharing  
hydrographic data

**DEVELOP & PROMOTE**  
the field of hydrography  
and related technologies

### MEMBER STATES

89 

### HEADQUARTERS

**MONACO**

At the invitation of H.S.H.  
Prince Albert I of Monaco



### FIRST CONVENED

1921

Following its creation  
in 1919



### LEADERSHIP

1 Secretary General

2 Directors

Elected every three years



### HYDROGRAPHY

By mapping water depth, the shape of the seafloor and coastline, and the location of possible obstructions, hydrography helps maintain safe navigation and supports all other marine activities.



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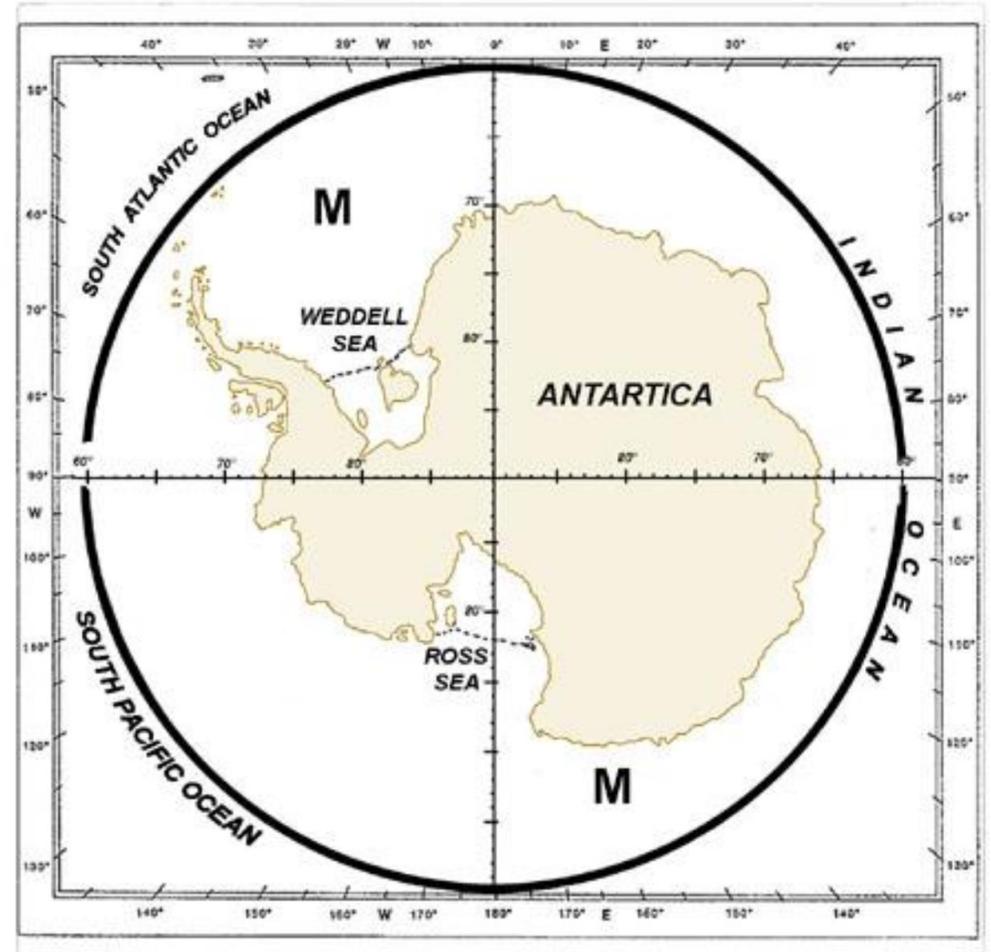
# **THE IHO HYDROGRAPHIC COMMISSION ON ANTARCTICA (HCA)**

International  
Hydrographic  
Organization

“The HCA is the coordinating body for hydrographic surveying and nautical charting matters in International Region M.

Membership of the HCA is **open to any IHO Member State** whose government has **acceded to the Antarctic Treaty** and **which contributes resources and/or data to IHO INT Chart and ENC coverage** of Region M and which becomes a signatory to the Statutes of the HCA.

**24 Member States** (AR, AU, BR, CL, CN, CO, DE, EC, FR, GR, IN, IT, JP, KR, NZ, NO, PE, RF, SP, GB, US, UY, VE, ZA)





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# THE IHO HYDROGRAPHIC COMMISSION ON ANTARCTICA (HCA)

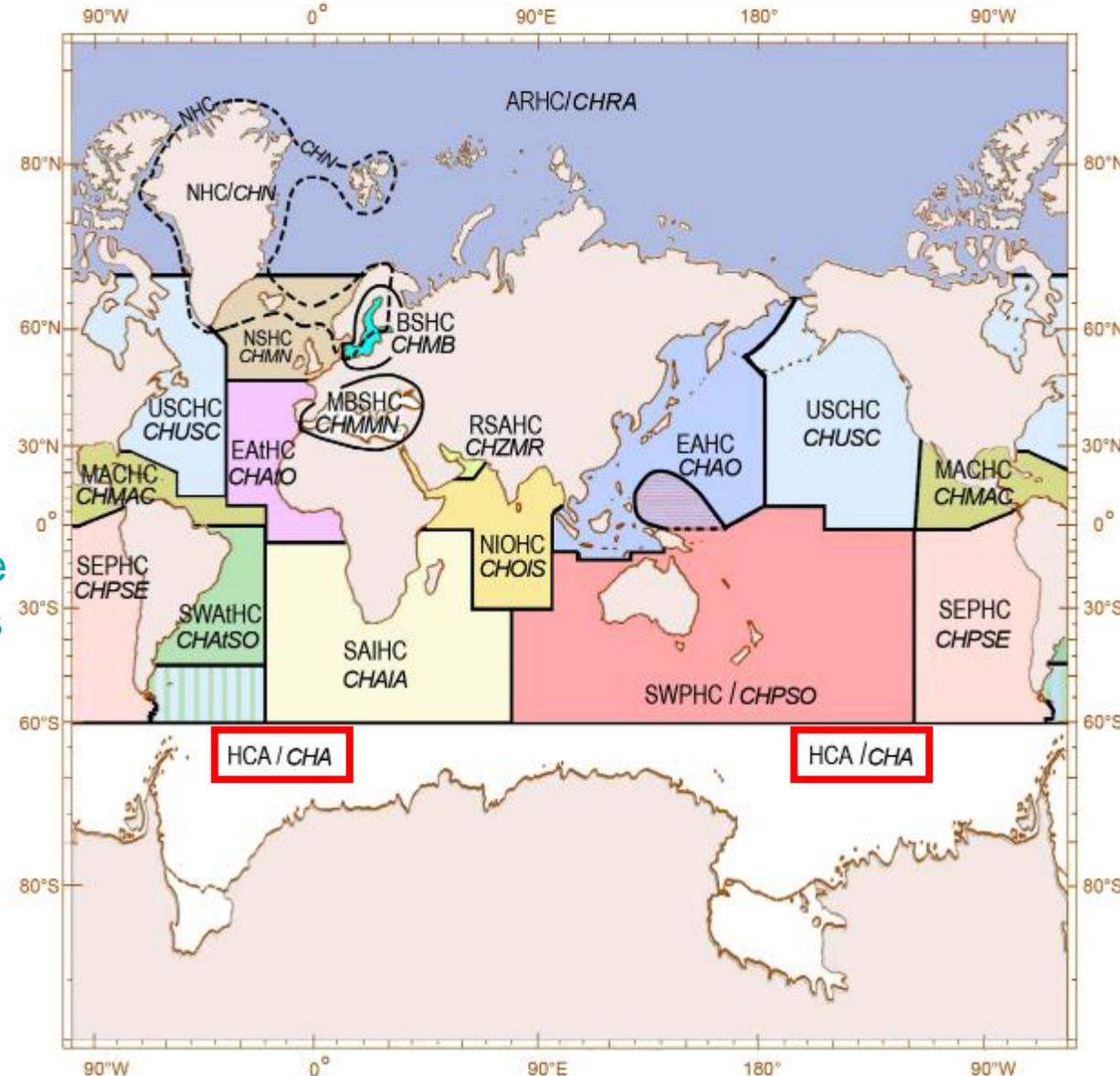
International  
Hydrographic  
Organization

*“To achieve the improvement of the **quality, coverage and availability** of nautical charting and other **hydrographic information and services** covering the Antarctic region”*

## What do we do?

- Assess status of charting and hydrographic knowledge
- Monitor user requirements – propose new applications
- Coordinate subsequent actions

**Active Partners and Expert Contributors (ATS, COMNAP, IAATO, GEBCO/IBCSO)**





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## OBJECTIVES OF THE SEMINAR

International  
Hydrographic  
Organization

*Explain the principles of acquisition of hydrographic information in Antarctic waters.*

*Demonstrate how hydrographic information*

- *supports safety of navigation,*
- *drives marine knowledge.*

*Present the current status in coverage and quality of available hydrographic information in the area and new technical solutions available for improvement.*

*Identify*

- *how ATCM objectives can take benefit from hydrographic information.*
- *how HCA and ATCM can contribute to the enhancement of hydrographic information.*

*Propose precise actions how to enhance the amount and quality of hydrographic information in the area to support ATCM's objectives.*

