STANDARDIZED MARINE PROTECTED AREAS AND THE UN-IGIF-HYDRO

DR JOHN E. NYBERG

INTERNATIONAL HYDROGRAPHIC ORGANIZATION

IHO

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

99

LEADERSHIP

1 Secretary General

2 Directors

Elected every three years

HEADQUARTERS

MONACO

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

ESTABLISHED

1921

Following the first international conference in 1919

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.

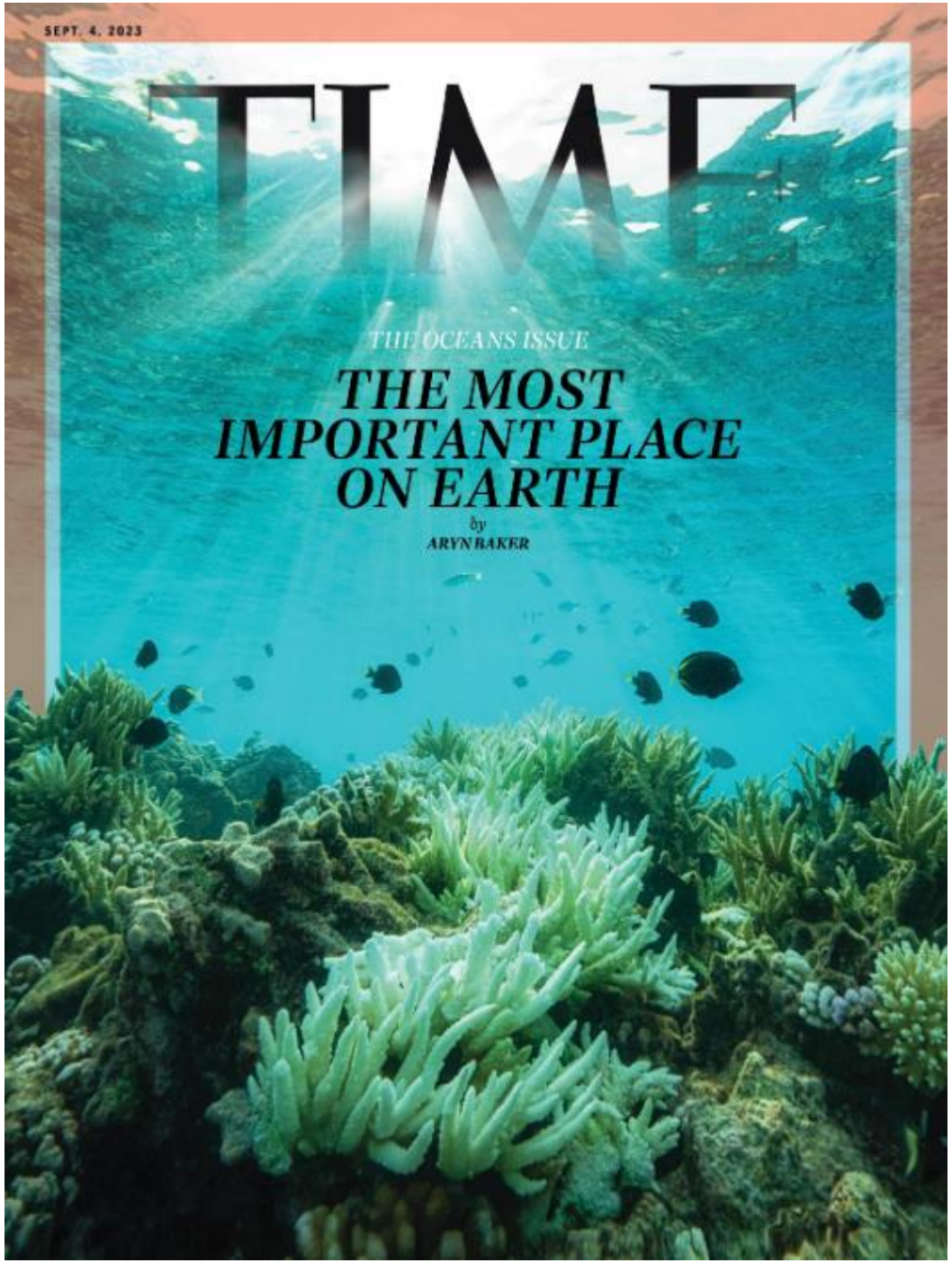
iho.int

Organisation Hydrographique Internationale

OHI

An Exciting Time for Hydrography

- A call to Action
- Series of Commitments
- Focused Investment and Collaboration
- Advanced Technology and Modern Data Standards for Diverse Applications
- Coordinated Geospatial World



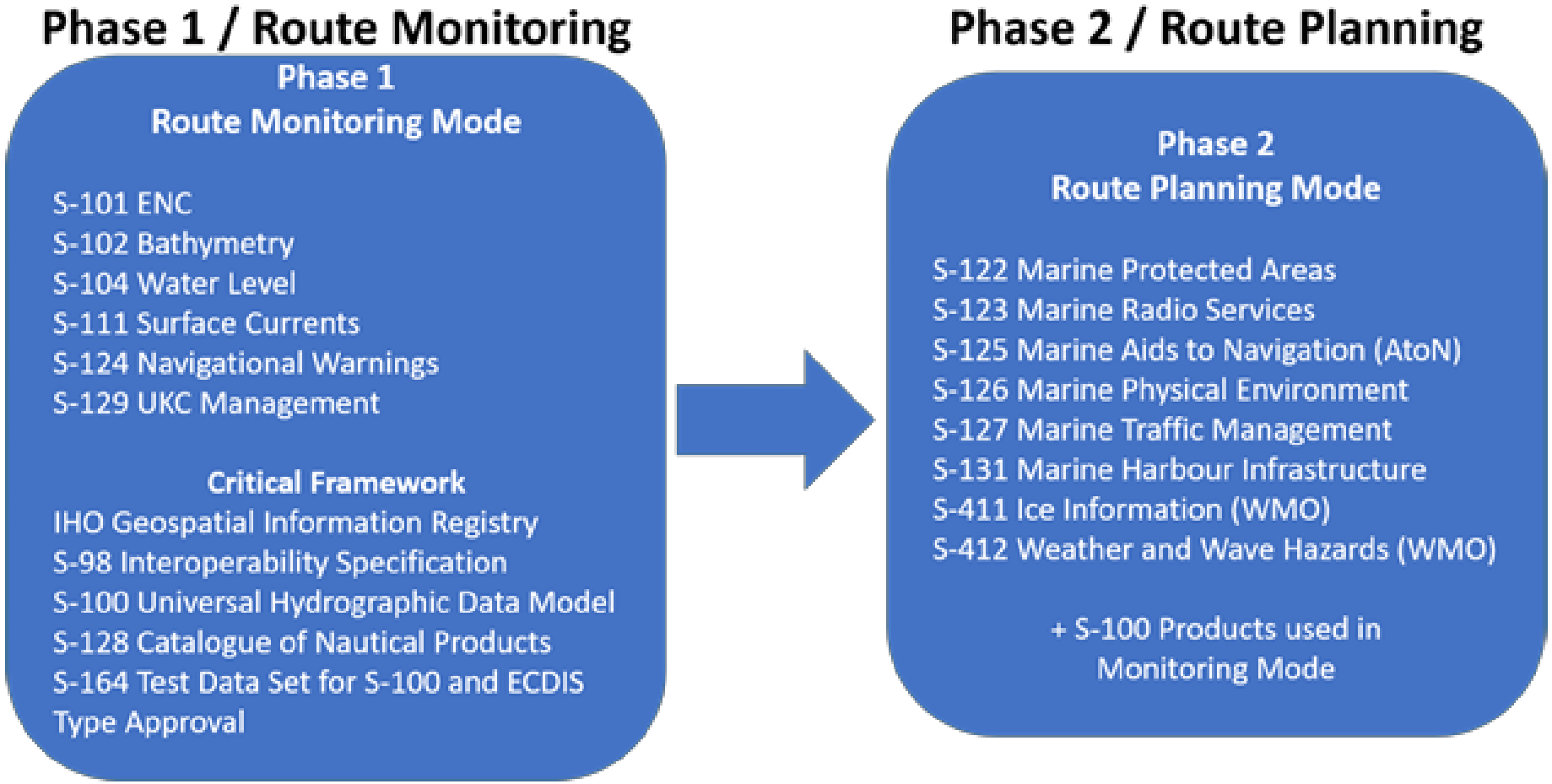


Figure 2 The IHO Navigational Package, for S-100 ECDIS, to be handled by the Interoperability Specification S-98. Additional layers and Phases may be added in the future.

Modern Data Standards

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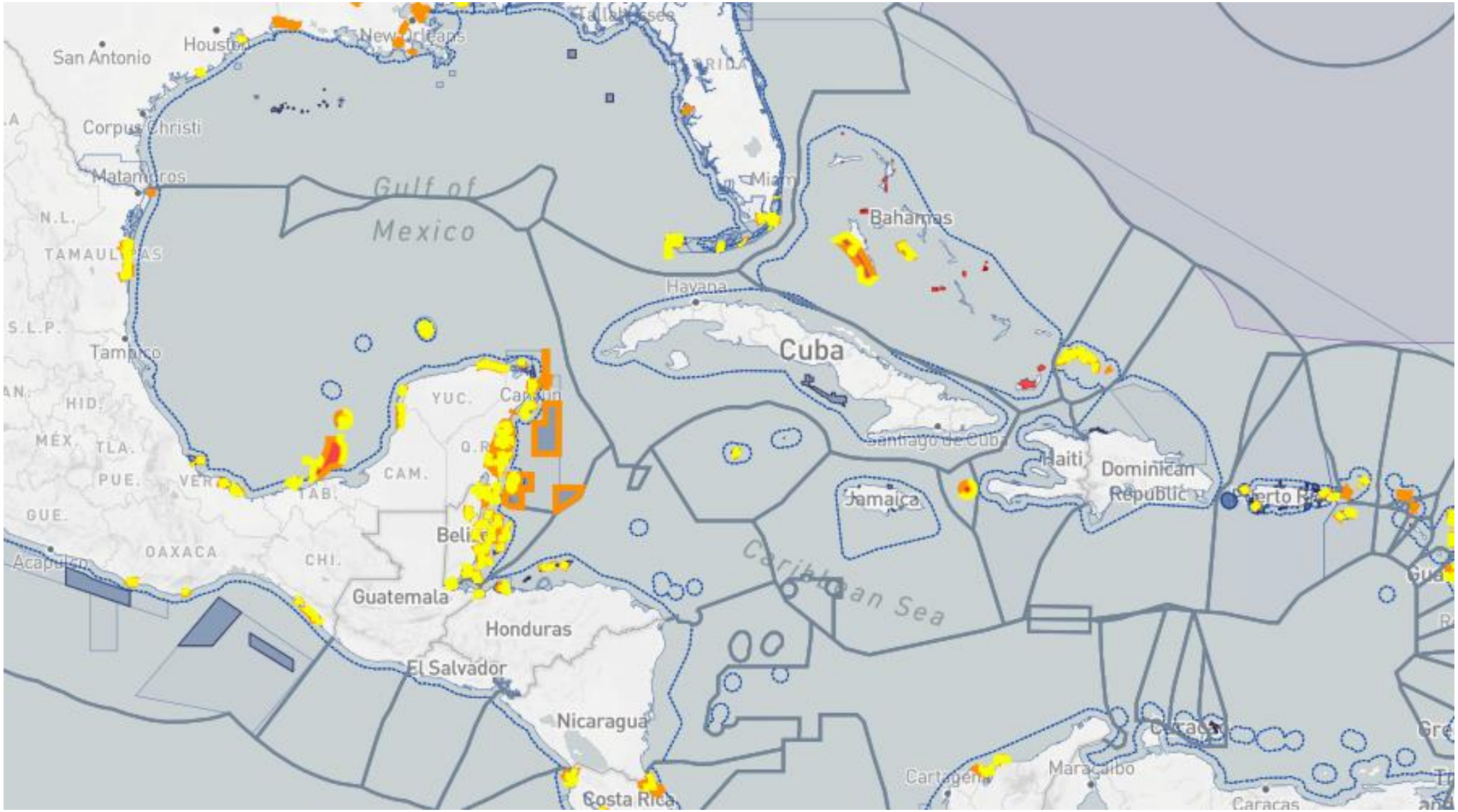
WHAT ARE MARINE PROTECTED AREAS AND WHERE ARE THEY?



Protected Seas (https://protectedseas.net/)

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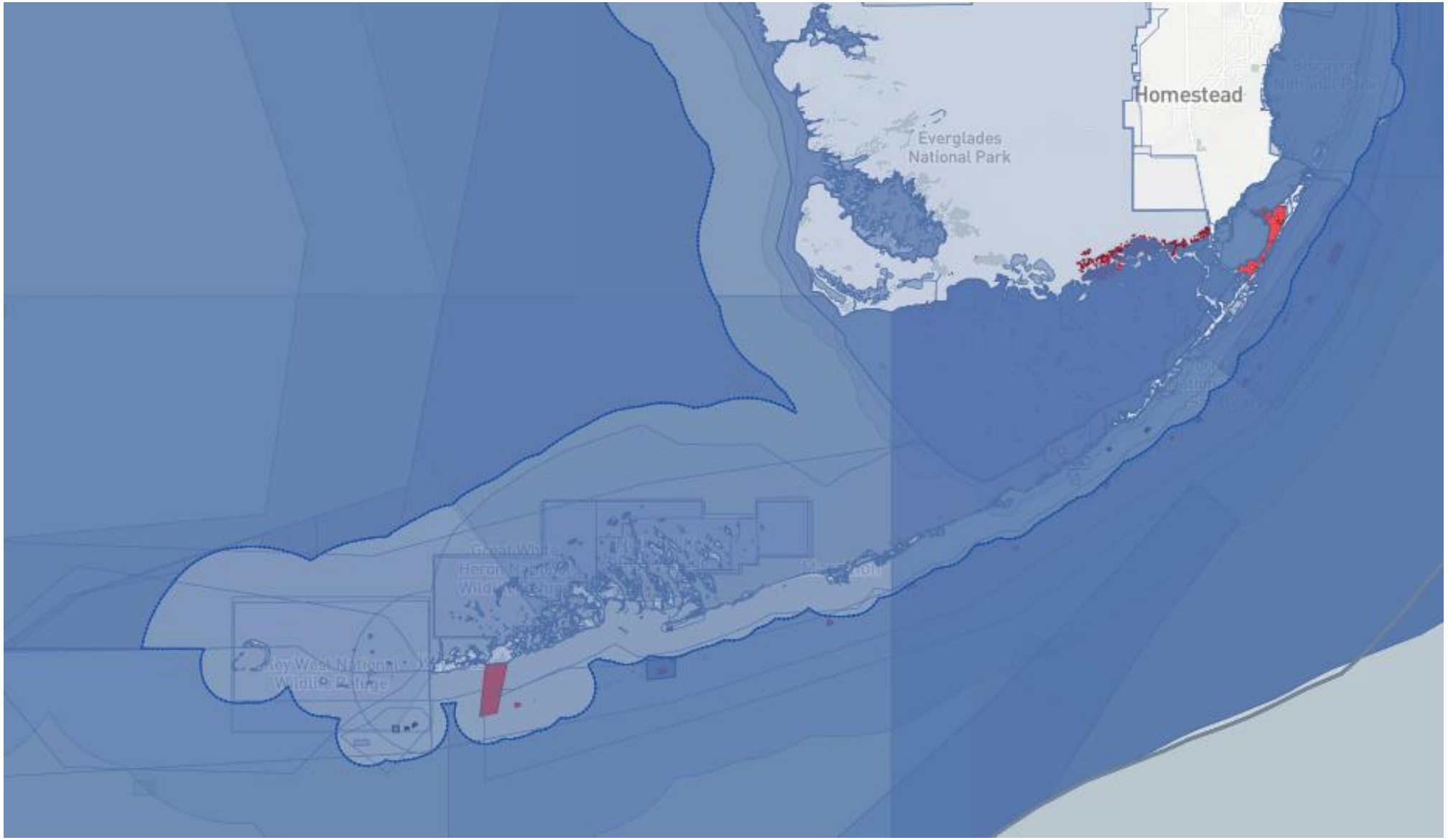

Protected Seas (https://protectedseas.net/)

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Provided by the International Union for the Conservation of Nature (IUCN)

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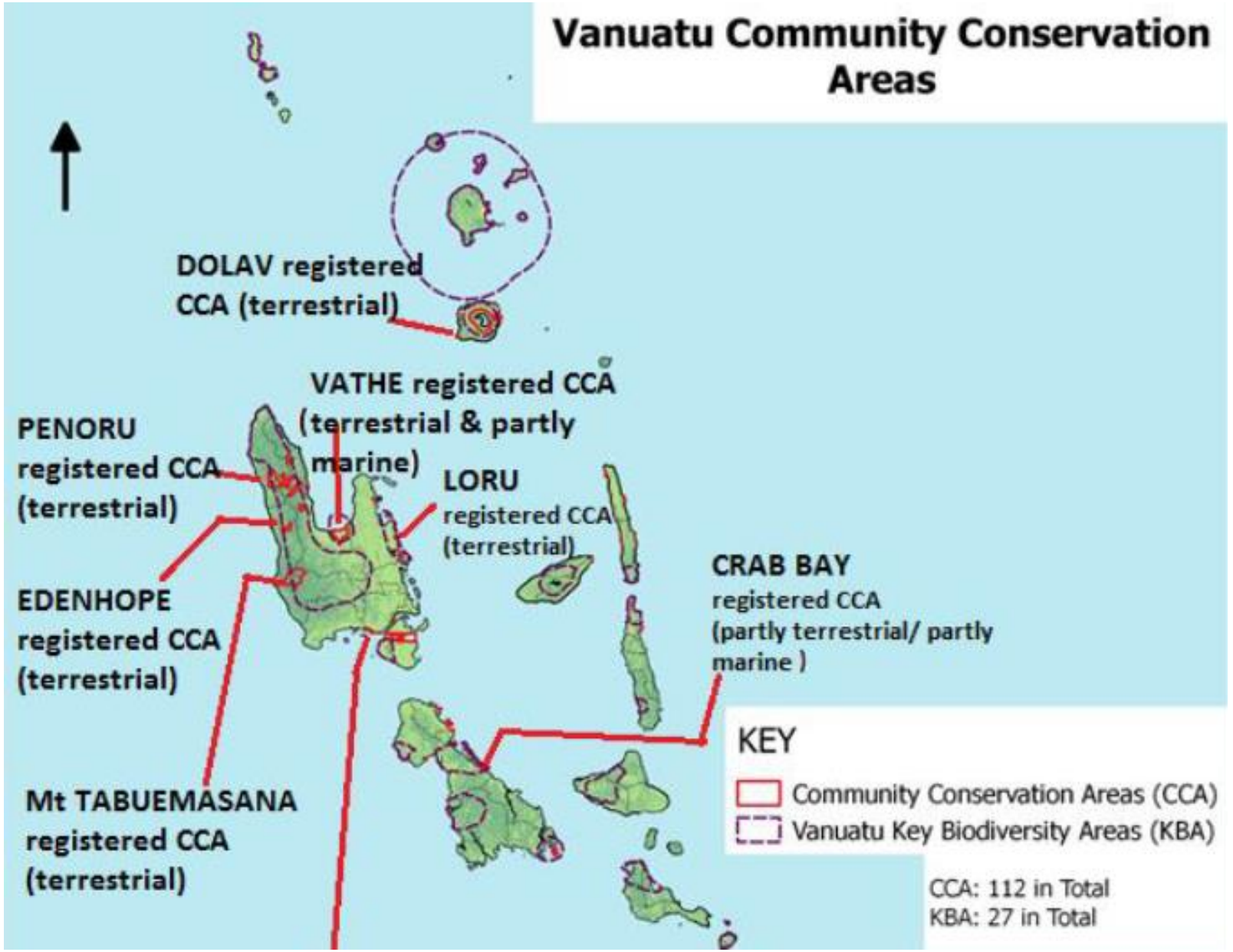
MPA FROM A LOCAL PERSPECTIVE



(Draft Marine Spatial Plan for Vanuatu)

Organisation Hydrographique Internationale

OHI

Coordinated Geospatial World

Operational Framework for Integrated Marine Geospatial Information (UN-IGIF-Hydro)

2021 2030 United Nations Decade of Ocean Science for Sustainable Development

United Nations Committee of Experts on Global Geospatial Information Management

Working Group on Marine Geospatial Information

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UN-IGIF-HYDRO GOALS

Build Data Partnerships, Increase the use of International Standards, Increase Capacity Development Opportunities, Ensure Data Interoperability, Improve Data Accessibility and Availability, Provide Guidance for Emerging Marine Geospatial Programs.

STANDARDS FOR MARINE PROTECTED AREAS – IHO S-122

International Hydrographic Organization

IHO Geospatial Information Registry

Product Specification

Home / GI REGISTERS / **Product Specification**

Domain ALL **Category** product ID

Product Information	
Product ID	S-122
Title	Marine Protected Areas
Scope	Global
Related links	http://www.iho.int
Abstract	Marine Protected Areas dataset is a vector dataset containing all navigationally relevant information regarding the Marine Protected Areas within a defined geographical area.
Owner	IHO
Domain	IHO Hydro
Responsible body	IHO (NIPWG)
Contact	Eivind Mong eivind.mong@dfo-mpo.gc.ca
Remarks	S-122 Edition 1.0.0 is released for implementation and testing purposes only.

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MANY PIECES OF THE PUZZLE

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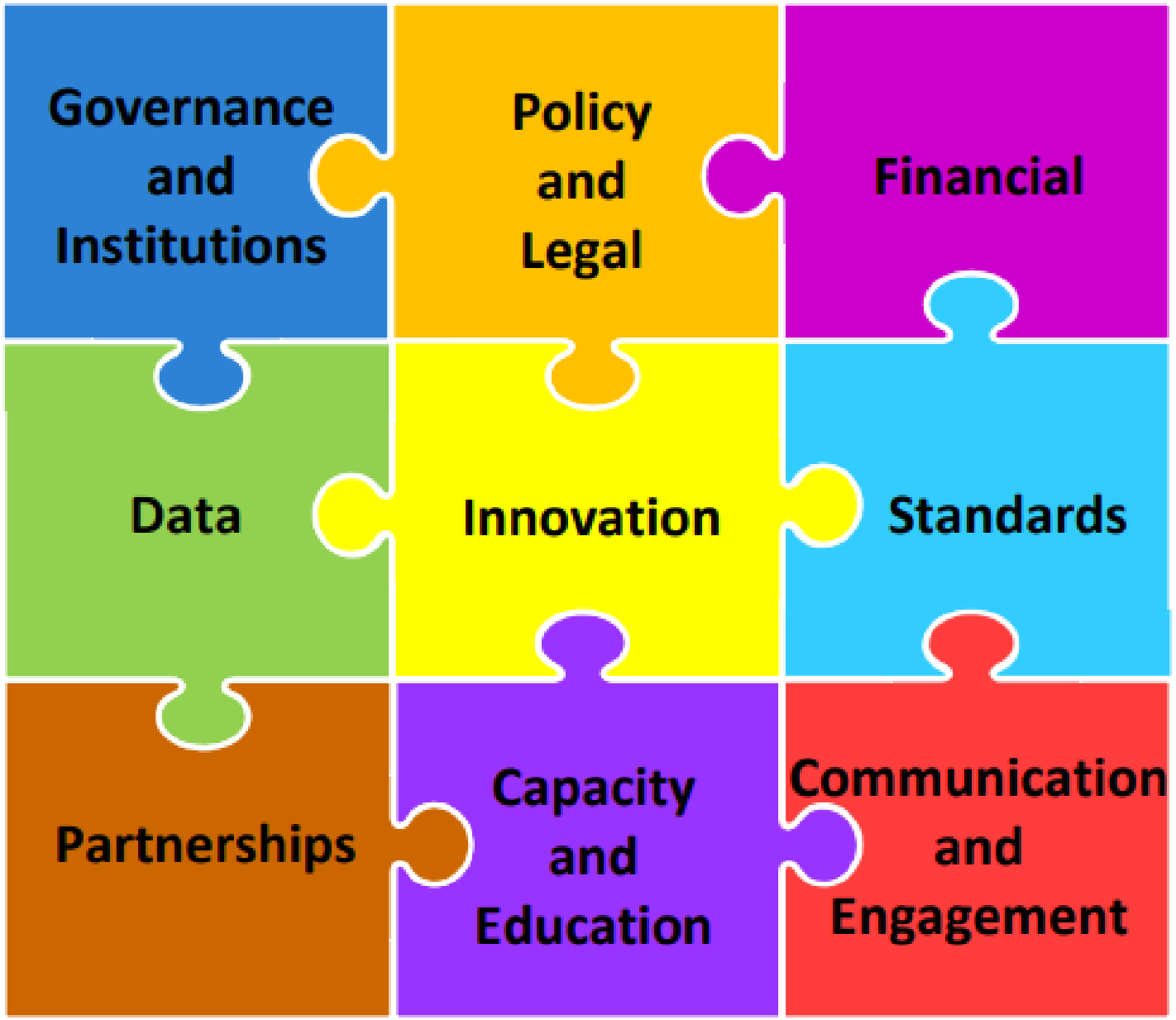

INCLUSION IN MODERN NAVIGATION SYSTEMS

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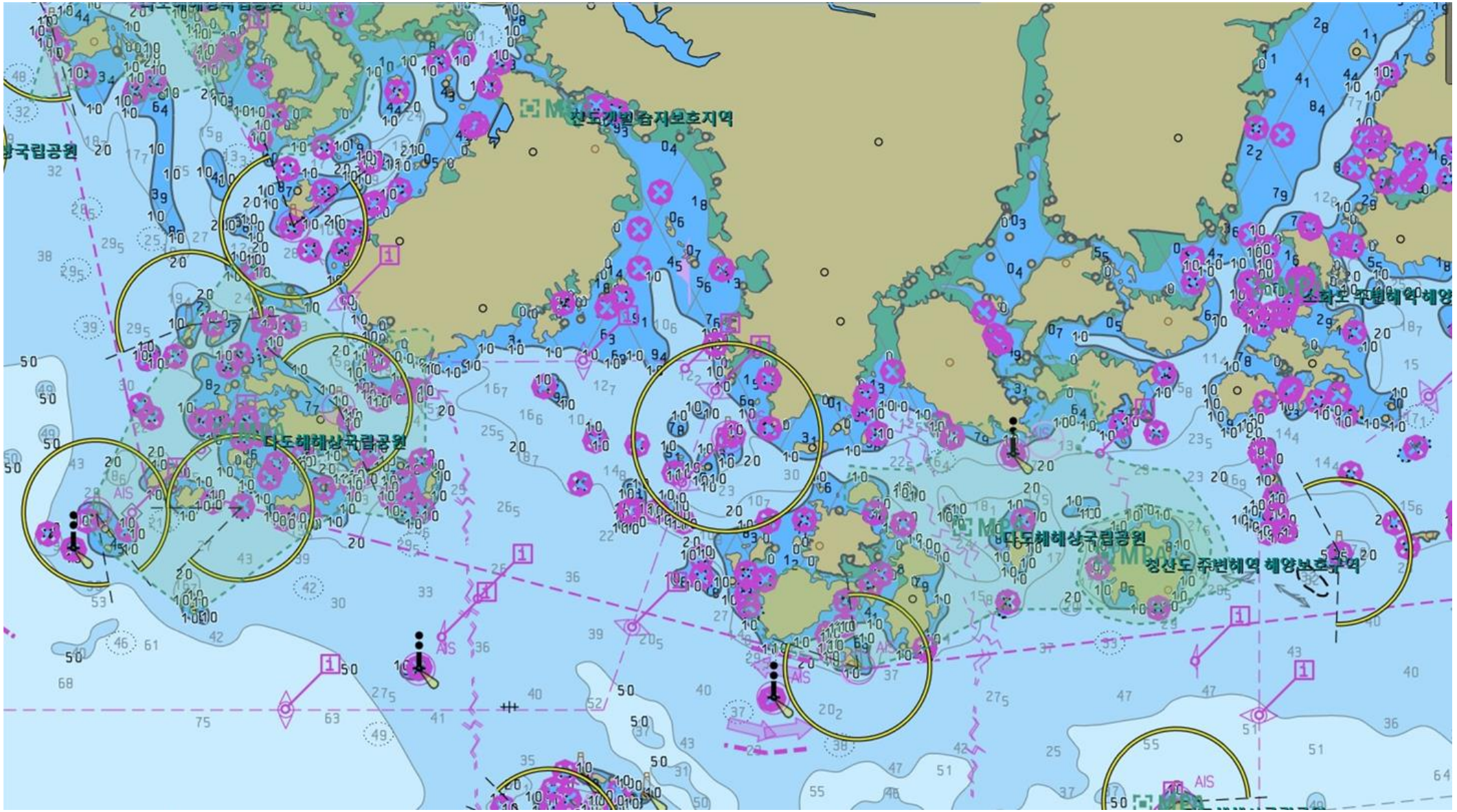

Provided by the Korea Hydrographic and Oceanographic Administration (KHOA)

INCLUSION IN MODERN NAVIGATION SYSTEMS

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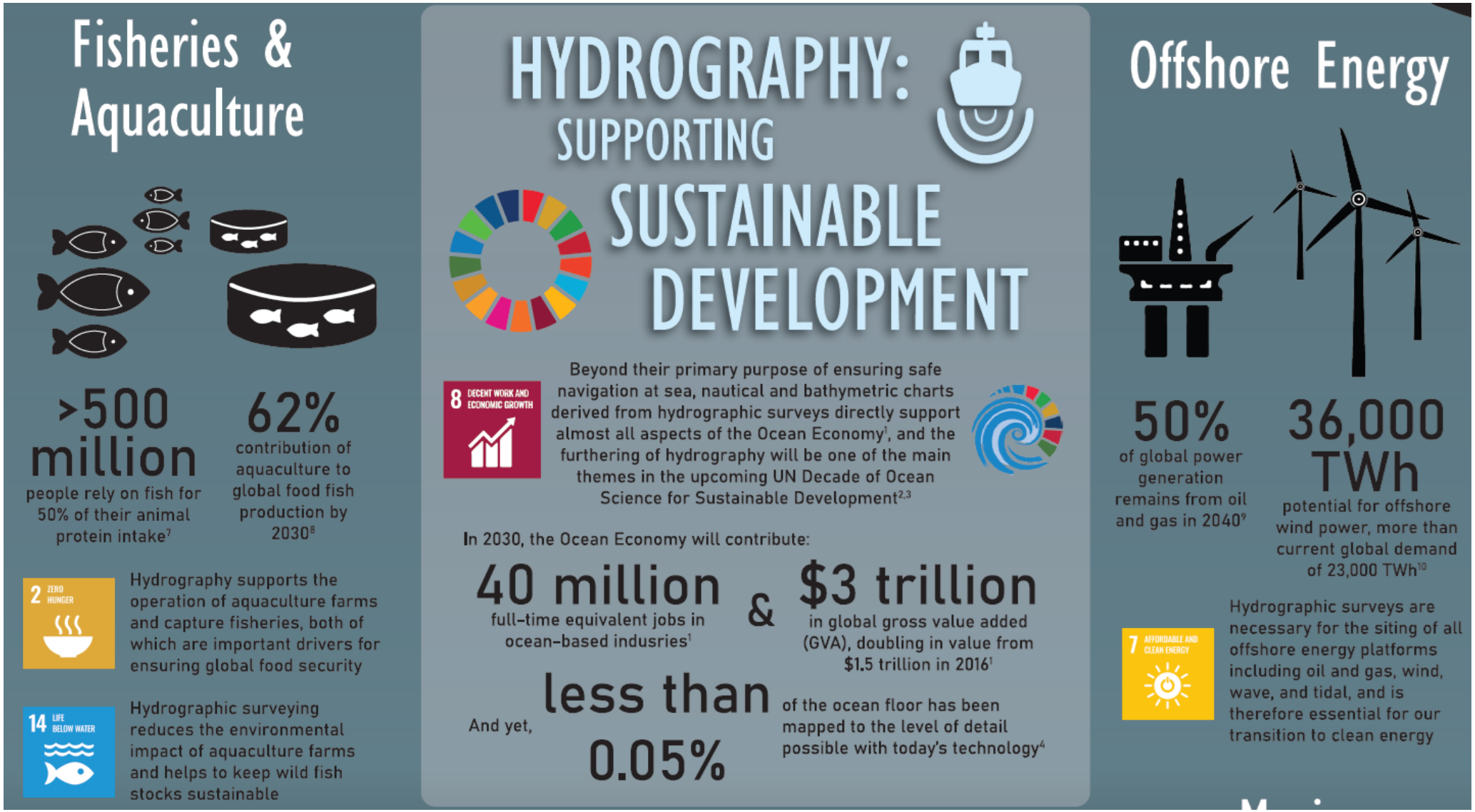
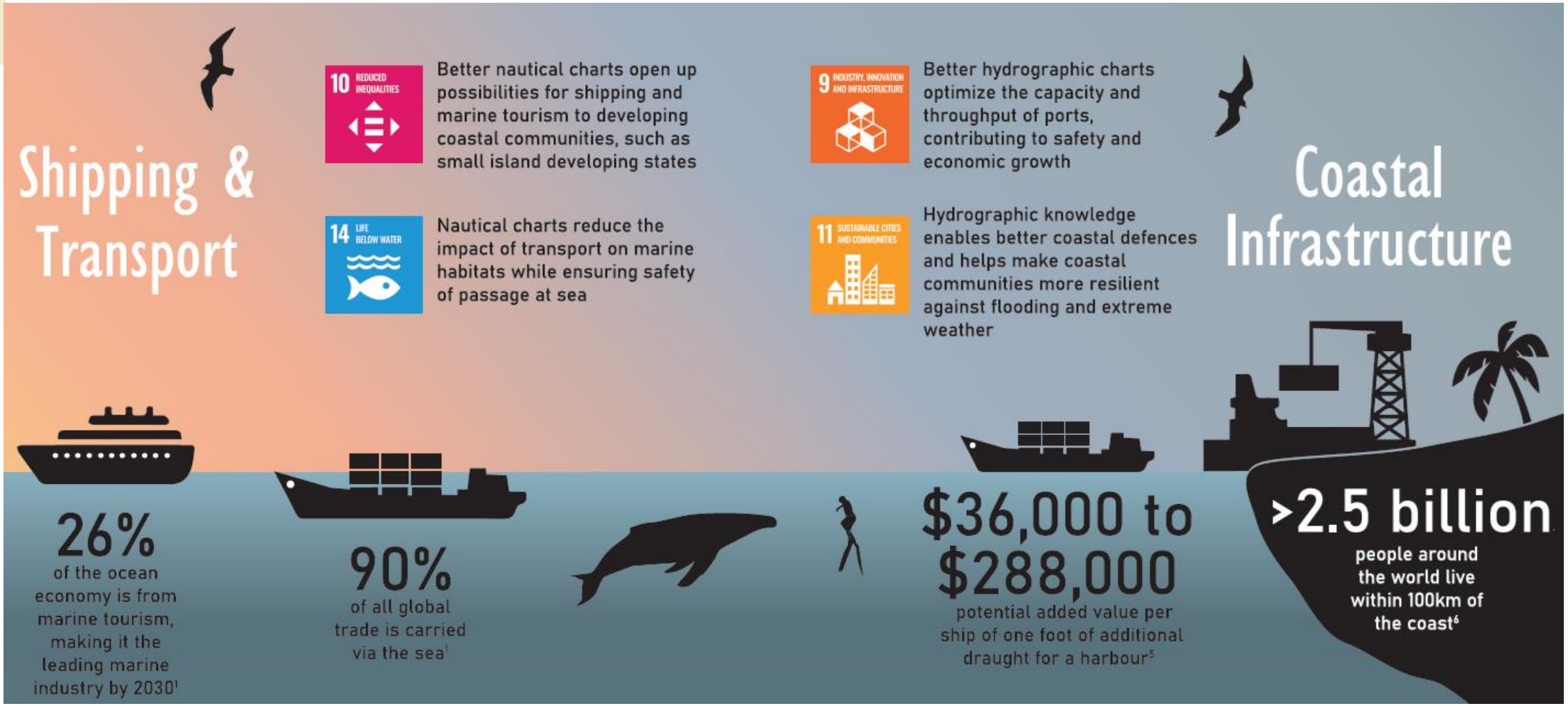
SUPPORTING SUSTAINABLE DEVELOPMENT



SUPPORTING SUSTAINABLE DEVELOPMENT

International Hydrographic Organization



Thank You

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