



UN-GGIM

Working Group on Marine
Geospatial Information

Operational Framework for
Integrated Marine Geospatial Information Management

First Plenary Meeting of the
High Level Group of the
Integrated Geospatial Information Framework



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White Paper on Readily Available and Accessible (Open) Marine Geospatial Information

A reference on the benefits and challenges of managing and providing accessible marine geospatial information



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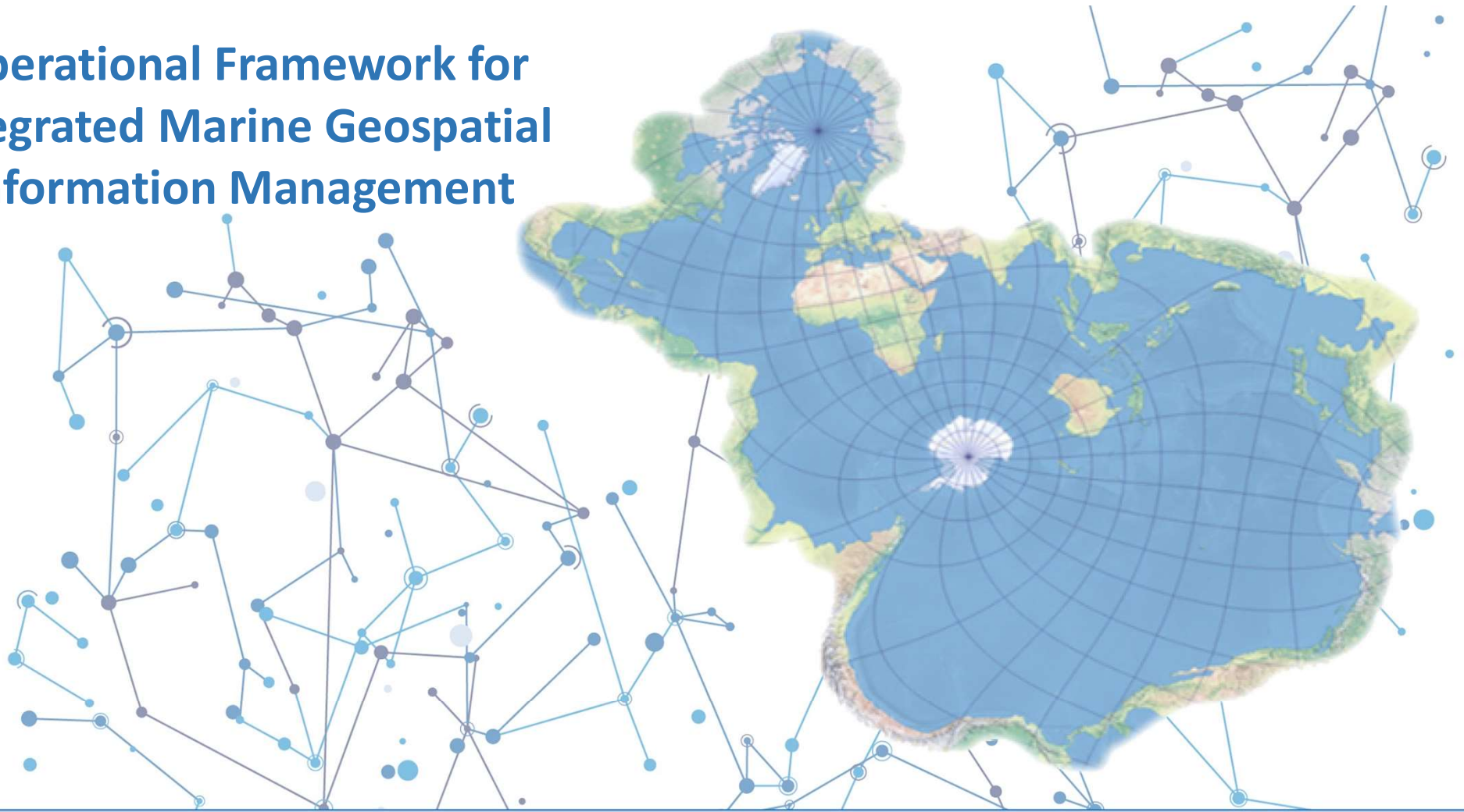
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Operational Framework for Integrated Marine Geospatial Information Management



Integrated Geospatial Information Framework-Hydro (IGIF-H) High Level Deliverables

Two part document

Part One – high level background, executive summary, and a discussion of the future we want

Part Two – broken down by IGIF Strategic pathways for the water domain

Scope – Oceans, seas, coastal zones, deltas, rivers, inland waterways/waterbodies, wetlands, glaciers ...

Part 1

- Executive Summary
- Catalyst for Change
- Our Desired Future
- Vision
- Mission

Part 2

- A Value Proposition for the Marine Geospatial Information Domain
- Introduction
- Governance and Institution
- Policy and Legal
- Financial
- Data
- Innovation
- Standards
- Partnerships
- Capacity and Education
- Communication and Engagement



IGIF-H Implementation

Regional consultations – Once the Working Group reaches general consensus on the document, it intends to embark on a series of regional consultations. We expect those to start sometime this year.

Pilots – The Working Group plans to conduct a pilot or trial implementation by working with one or two Member States. We hope that this will help determine what additional information might be useful for aspiring IGIF-H countries. For instance, they may need additional value propositions, sample job descriptions that include relevant qualifications, sample inter-agency agreements, etc.

General set of introductory materials – We are currently developing a comprehensive set of slides for use in introductory and awareness promotion on the IGIF-H that will include background, details on the nine pathways as they relate to the marine domain, and a variety of value propositions. The intent is that presenters can choose slides for their audience (introductory to ministerial) and field of interest (fisheries navigation, marine conservation, etc.). All will encourage integration with the national geospatial information ecosystem within the broader digital information ecosystem.



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Our Desired Future

The marine domain, primarily operated by hydrographic offices, becomes fully integrated with other geoinformation sectors, including land, statistical, meteorologic, oceanographic, and others. This integration would allow the full digital information ecosystem to take advantage of coordinated services and standards, joint collection and management of data for multi-use purposes, coordinated data distribution and access, cross thematic data integration, commitment to cross-sector capacity development, and shared (cohesive) value propositions.

The world will be able to realize maximum benefit from their geospatial information, including Hydro, for environment, society, and economy.



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Upcoming Items of Interest

- Initial Draft of IGIF-H posted for MS review and contribution. Version 2.0 is underway and will be discussed at the next meeting of the WG.
- International Seminar on United Nations Global Geospatial Information Management with the theme “effective and integrated marine geospatial information management”, Singapore 10 – 12 May 2022.
- Fourth expert meeting (face-to-face) of the WG – Singapore 9 -13 May 2022.
- Commitment to submit the IGIF-H to the Decade of Ocean Science for Sustainable Development (UNESCO – IOC) – proposal submitted and waiting for feedback/approval.



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Thank You!

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Extras



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Work Plan 2021 - 2022

Leadership	Coordination	Capacity Development	Standards	Inclusion
Provide Leadership in setting the agenda for the development of global geospatial information and to promote its use to address key global challenges	Provide a forum for coordination and dialogue with and among Member States and relevant international organizations on enhanced cooperation	Provide a platform for the development of effective strategies to build and strengthen national capacity and capability concerning geospatial information, especially in developing countries	Propose work-plans, frameworks and guidelines to promote common principles, policies, methods, standards and mechanisms for the interoperability and use of geospatial data and services	Make joint decisions and set the direction for the production and use of geospatial information within and across national, regional and global policy frameworks

SDGs with interest in marine geospatial information								
								





WG - Objectives

- play a leading role at the policy level by raising political awareness and highlighting the importance of reliable, timely and fit-for-purpose marine geospatial information to support the administration, management and governance of the marine and ocean environments;
- encourage the use of internationally agreed-upon geospatial information frameworks, schemas, systems and established standards to improve the growing inter-dependent relationships between people and the marine environments; and
- support the Committee of Experts in the development of norms, principles, guides and standards to increase significantly the availability of high-quality, timely and reliable geospatial information including any regional capacity development initiatives

<http://ggim.un.org/UNGGIM-wg8/>



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[Link to UN-GGIM-WGMGI Report to the Committee of Experts](#)



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