MSDIWG Work Plan 2024-2027

A	**UN-IGIF Strategic Pathway #1: Governance and Institutions** *Establishes the leadership, governance model, institutional arrangements, and a clear value proposition to strengthen multi-disciplinary and multisectoral participation*
B	**UN-IGIF Strategic Pathway #4: Data** *Establishes a geospatial data framework and custodianship guidelines that ensure the availability, quality, and accessibility of geospatial data, including the establishment of standards and practices for data collection, storage, and dissemination*
C	**UN-IGIF Strategic Pathway #5: Innovation** *Leveraging current and emerging technologies to enhance geospatial information management, including cloud computing, big data analytics, and artificial intelligence*
D	**UN-IGIF Strategic Pathway #6: Standards** *Establishes and ensures the adoption and implementation of standards and compliance mechanisms for enabling data and technology interoperability and compatibility across different systems and organizations*
E	**UN-IGIF Strategic Pathway #8: Capacity and Education** *Developing the workforce and expertise needed to effectively manage and utilize geospatial information, through enduring capacity development and education programs*
F	**UN-IGIF Strategic Pathway #9: Communication and Engagement** *Promoting awareness, understanding, and support for geospatial information and its benefits across all sectors of society, including decision-makers, stakeholders, and the general public through user engagement and strategic communication*

Reference: United Nations Integrated Geospatial Information Framework (UN-IGIF): https://ggim.un.org/UN-IGIF/

No.	Work Item	Milestones	Start Date	End Date	Status P - Planned O - Ongoing C - Complete	Responsible/ Contact Person(s)	Remarks
A.1	Create a story map to demonstrate the value of MSDI	1. Esri to present to MSDWIG 2. MSDIWG to circulate	2024	2027	P	Esri	
B.1	Publish SWPHC data value proposition document	1. SWPHC MSDIWG to provide document 2. Publish on IHO MSDIWG website	2024	2024	P	SWPHC MSDIWG, Chair, IHO Secretariat	
C.1	Collaborate with innovation centers to explore potential use cases	1. Establish focus group 2. Identify partnership opportunities with innovation centers 3. Explore project ideas 4. Present to MSDIWG	2024	2027	P	OGC, Portugal, [additional members]	
C.2	Conduct exploratory study to identify and document existing and potential uses of AI in the maritime sector	1. Liaise with OGC GeoAI Working Group 2. Present to MSDIWG 3. MSDIWG to address findings via project or paper	2024	2027	P	Denmark, OGC, Portugal, [additional members]	
C.3	Promote the interface between land and sea	1. Establish focus group 2. Identify partnership opportunities 3. Explore project ideas 4. Present to MSDIWG	2024	2027	P	Singapore, Italy, SPC, UN-GGIM WG-MGI, OGC	
D.1	Simplify standards for novice users with various needs	1. Consult UN documentation and provide executive summary of marine section 2. Present to MSDIWG 3. Publish on MSDIWG website	2024	2026	P	OGC	
D.2	Map S-100 with ISO19115 and other relevant standards		2024	2027	P	UK, Singapore, S-100 WG, [additional members]	

E.1	Maintain IHO Publication C-17 in accordance with UN-IGIF-H	1. Develop Document Management Team (DMT) 2. GitHub Training 3. Liaise with UN-GGIM WG-MGI regarding IGIF-H updates 4. Manage content	2024	2027	P	DMT, Vice-Chair, IHO Secretariat	
F.1	Present and discuss national MSDI initiatives and achievements	1. Member States to provide national reports and case studies at annual MSDIWG meetings	2024	2027	O	All	
F.2	Collaborate with and enable Regional Hydrographic Commission (RHC) MSDI Working Groups	1. Update RHC MSDI WG Chairs and MSDI Ambassadors 2. Create procedures for cooperation resource for BoK 3. Provide RHC MSDI updates at annual MSDIWG meetings	2024	2027	O	Chair, Vice-Chair, RHC MSDI WG Chairs/ MSDI Ambassadors	RHC MSDI WG Chairs and MSDI Ambassadors list available on IHO MSDIWG website. Procedures for cooperation document available in draft form.
F.3	Conduct 2024-2027 annual meetings of MSDIWG, arranged back-to-back with OGC Marine DWG and UN-GGIM WG-MGI meetings when applicable. Hold adjacent open forum/ international seminar when possible. 2024 - Indonesia 2025 - Portugal 2026 - TBD 2027 - TBD	1. Date and venue defined 2. Logistics in place 3. Open forum/ international seminar program defined	2024	2027	O	Chair, Vice-Chair, IHO Secretariat	