



# 14th Meeting of the IHO MSDIWG

## Action Items from MSDIWG13

### 4.1

**IHO**

# ACTIONS OF MSDIWG TO BE ADDRESSED AT MSDIWG14

International  
Hydrographic  
Organization

Action N.	Action Items	Responsible	Deadline	Status
30/2020	Update MSDIWG ToR with C-17 maintenance	C/MSDIWG & IHO Secretariat	MSDIWG1 3	Addressed at MSDIWG14 agenda item <b>3</b> MSDIWG ToR.
32/2020	IHO Strategic Plan 2.3: Apply UN shared guiding principles for geospatial information management in order to ensure interoperability and extended use of hydrographic data in combination with other marine-related data.	C & VC/MSDIWG, IHO Secretariat	MSDIWG1 2	To be addressed at MSDIWG14 agenda item <b>4.2</b> Result and Feedback from C-6, IRCC14 and HSSC14
13/2022	MSDIWG to follow-up on IRCC14's outcomes of the IRCC Workshop and suggest how MSDIWG could contribute to SPI 2.3.1	MSDIWG Vice-Chair	MSDIWG1 4	
22/2022	An expert group to explore MSDIWG's task related to Target 2.1 Build a portal to support and promote regional and international cooperation in marine spatial data infrastructures (MSDI). Step 1: Make data that is already available into INTOGIS and Step 2: establish a hub	MSDIWG Chair and Vice-Chair, ESRI	MSDIWG1 4	



IHO

# ACTIONS OF MSDIWG TO BE ADDRESSED AT MSDIWG14

International Hydrographic Organization

Action N.	Action Items	Responsible	Deadline	Status
1/2022	Nominate appoint contact points from <u>Data Quality WG, NIPWG</u> and S100WG to report back to MSDIWG on relevant MSDI matters	S100WG – OGC MarineDWG/IIC Technologies	MSDIWG14	To invite members to consider being contact point from DQWG and NIPWG.  S100WG point-of-contact update at MSDIWG14 agenda item 8 S-100 from MSDI Perspective.
2/2022	Compile list of relevant S-1xx products point of contacts		MSDIWG14	To be addressed at MSDIWG14 agenda item 8 S-100 from MSDI Perspective..
3/2022	MSDIWG to identify the S-1xx products that could be relevant for MSDI users		MSDIWG14	
19/2022	MSDIWG to provide feedback on WENDWG’s WEND Product Matrix from MSDI perspective when deemed appropriate.	WENDWG Chair, IHO Secretariat	MSDIWG14	To be addressed at MSDIWG14 agenda item 9 WEND-00 from an IGIF Approach.
12/2022	OGC to provide draft guidance on how to follow the FAIR principles from HO perspective	OGC Marine DWG	MSDIWG14	To be addressed at MSDIWG14 agenda item 10 Guidance on applying FAIR Principles.
14/2022	MSDIWG to explore practical approach or best practices on principles for MSDIs	MSDIWG Vice-Chair	MSDIWG14	
15/2022	MSDIWG to include proposed FAIR principles checklist to be included in report.	OGC Marine DWG	MSDIWG14	



IHO

# ACTIONS OF MSDIWG TO BE ADDRESSED AT MSDIWG14

International  
Hydrographic  
Organization

Action N.	Action Items	Responsible	Deadline	Status
18/2022	MSDIWG to investigate the role of MSDI in Maritime Digital Twin, how to proceed and the possibility to establish a pilot project together with the IHO-Singapore Innovation and Technology Laboratory with Singapore as a pilot study area.	MSDIWG Chair and Vice- Chair, Netherlands IHO-Singapore Innovation Technology Laboratory OGC MarineDWG	MSDIWG14	To be addressed at MSDIWG 14 agenda item <a href="#">12</a> Discussion on the Future MSDI and at UN-GGIM MGI WG 4.
8/2022	OGC to provide guideline or Recipe Book and showcase(s) for Hydrographic Offices to implement OGC APIs	OGC Marine DWG	MSDIWG14	To be addressed at MSDIWG14 agenda item <a href="#">13</a> OGC APIs for MSDIs.
9/2022	OGC API - Feature Link to be made available to Body of Knowledge	OGC Marine DWG	MSDIWG14	
10/2022	OGC to provide presentation on OGC APIs for MSDIs at MSDIWG14	OGC Marine DWG	MSDIWG14	

**IHO**

# ACTIONS OF MSDIWG TO BE ADDRESSED AT MSDIWG14

International  
Hydrographic  
Organization

Action N.	Action Items	Responsible	Deadline	Status
24/2019	To investigate the possibilities for the development of an online living C-17 publication (12.1)	MSDIWG Chair, Vice Chair and IHO Secretariat	MSDIWG14	To be addressed at MSDIWG14 agenda item <b>15</b> C-17 3.0 Drafting Session.
25/2019	To investigate the incorporation of the living C-17 to the IHO website infrastructure (12.1)	IHO Secretariat	MSDIWG14	
13/2020	Update to C-17 to be included in MSDIWG work plan and investigate a new format (e.g. Wiki). Include IGIF in update of C-17 (crosswalk)	C/MSDIWG, CoChair UNGGIM WG-MGI	MSDIWG14	
14/2020	Establish a drafting group for C-17.	C/MSDIWG	MSDIWG14	
29/2020	Visualize/describe governance model in C-17, training material and body of knowledge.	C & VC/MSDIWG, IHO Secretariat	MSDIWG14	
16/2022	MSDIWG to establish a C-17 Drafting Team	MSDIWG Vice-Chair USA (NGA) Italy	August 2022	
17/2022	C-17 Drafting Team to provide a first version at MSDIWG14	MSDIWG Vice-Chair, USA, Italy	MSDIWG14	

MSDIWG14, Genoa, Italy, 30 Jan – 3 Feb 2023



IHO

# ACTIONS OF MSDIWG TO BE ADDRESSED AT MSDIWG14

International  
Hydrographic  
Organization

Action N.	Action Items	Responsible	Deadline	Status
5/2022	MSDIWG and UNGGIM WG MGI to work together to identify common usecases for bathymetry data residing in DCDB and Seabed 2030	MSDIWG and UN-GGIM WG MGI	MSDIWG15	To be addressed at MSDIWG14 agenda item 17 Use-cases of crowdsourced bathymetry
6/2022	MSDIWG to identify use-cases of crowdsourced bathymetry	MSDIWG	MSDIWG14	
7/2022	MSDIWG to test the MSDI Training Materials on the IHO e-learning portal ( <a href="https://elearning.iho.int">https://elearning.iho.int</a> )	MSDIWG	MSDIWG14	To be addressed at MSDIWG14 agenda item 18 Discussion on MSDI Training Materials and Capacity Building



IHO

# ACTIONS OF MSDIWG TO BE ADDRESSED AT MSDIWG14

International  
Hydrographic  
Organization

Action N.	Action Items	Responsible	Deadline	Status
04/2019	To investigate the development of a "Guide on Standards for the Common People" to be made available in the BOK (6)	OGC Marine DWG	April 2019	To be addressed at MSDIWG14 agenda item 20 – Updating the MSDIWG work plan and action list.
05/2019	To add the OGC "Guide on Standards for the Common People" in the BOK from Action MSDIWG10/04 (6)	IHO Secretariat	May 2019	
12/2021	Send out draft UN-GGIM Standards Guide Ed. 3	SGP	May 2021	
13/2021	MSDIWG MS invited to comment on draft UNGGIM Standards Guide Ed. 3	MSDIWGMS	May 2021	
21/2022	OGC FMSDI S-122 Engineering Report to be made available to the MSDIWG when made public.	MSDIWG Chair OGC	August 2022	To be addressed at OGC Marine DWG Meeting held back-to-back with MSDIWG14.

MSDIWG14, Genoa, Italy, 30 Jan – 3 Feb 2023