

14th MEETING OF THE IHO MARINE SPATIAL DATA INFRASTRUCTURES WORKING GROUP

IHO MSDI WG14, Genoa, Italy, 30 Jan – 3 Feb 2023

Back-to-back with the UN-GGIM Marine Geospatial Information Working Group and OGC Marine DWG Meetings within the week

DRAFT AGENDA AND TIMETABLE (Version 2.1)

Time	Monday 30 Jan	Tuesday 31 Jan	Wednesday 1 Feb	Thursday 2 Feb	Friday 3 Feb
Mornings (0900 – 1300)	Welcome and Joint Opening IHO MSDI WG 14	UNGGIM MGI WG 4	UNGGIM MGI WG 4 (IGIF-H Part Two drafting session)	IHO MSDI WG 14 (IHO C-17 3.0 drafting session)	IHO MSDI WG 14
Afternoons (1430 – 1800)	IHO MSDI WG 14	UNGGIM MGI WG 4	Site Visit by Host Italy	OGC Marine DWG	UNGGIM MGI WG 4 Joint Closing

Day One: 30 Jan 2023

Theme	Time	Subject	Responsible
Welcome	0900 – 1040	<p>1. Joint Opening session, Welcome and Introduction of participants and practical information Opening of the meeting and welcome. Chair will give the opening remarks and then invite the chief host to address the audience. Participants will be invited to introduce themselves and the hosts will provide logistic guidance and information. Documents are presented and updated as necessary</p> <p>2. Approval of Agenda Participants are invited to comment on the agenda and timetable in case updates are necessary. Agenda is adopted.</p>	Host/Chair
Status		<p>3. Terms of Reference for the MSDI WG Participants are invited to comment and endorse proposed amendments to the MSDI WG Terms of Reference. Docs:</p>	Chair
		<p>4. Objectives and structure of the meeting Chair will invite participants to consider the objectives for the meeting.</p> <p>4.1. Review of minutes and actions items from MSDI WG13 Docs: MSDI WG14-04.1a MSDI WG14-04.1b</p> <p>Chair will provide overview of action items to be addressed at the MSDI WG14 meeting.</p>	Chair/ Secretary/ All

		<p>Participants will review and approve the MSDIWG13 Minutes and will update the MSDIWG13 List of Actions.</p> <p>4.2 Review the result and feedback from C-6, IRCC14 and HSSC14</p> <p>Participants are invited to note the result and feedback from C-6, IRCC14 and HSSC14.</p> <p>4.3 Short review of work programme</p> <p>Docs: MSDIWG14-04.3</p> <p>Participants will review the MSDIWG Work Plan 2021 – 2024.</p>	
Break	1040 - 1100		Host
Presentations	1100 – 1300	<p>5. National presentation from members on status of MSDI</p> <p>Member states will report to MSDIWG on the strategic direction of national MSDIs (e.g. role of national MSDI, its link to S-100), successes, challenges, and ways of overcoming them. (10 mins each)</p> <p>[Note: For presentations, Members to inform and submit slides to IHO Secretariat (leonel.manteigas@iho.int) prior to meeting]</p>	All
Lunch	1300 - 1430		Host
Presentations	1430 - 1600	<p>6. RHC presentation from RHC MSDIWG</p> <p>RHCs will report to MSDIWG the strategic direction, successes, challenges, and ways of overcoming them. (10 mins each)</p>	All
		<p>7. Presentation from stakeholders and expert contributors</p> <p>(10 mins each)</p>	All
Break	1600 - 1620		Host
Presentations	1620 - 1750	<p>8. S-100 from MSDI Perspective</p> <p>Chair will invite participants to identify and discuss relevant S-1xx products that could be relevant for MSDI users.</p>	Chair, S100WG point-of-contact (Jonathan Pritchard), All
		<p>9. WEND-100 from an IGIF Approach</p>	WENDWG Chair, IHO Secretariat
		<p>10. Guidance on applying FAIR Principles</p> <ul style="list-style-type: none"> - FAIR principles checklist <p>Docs:</p>	OGC Marine DWG
		<p>11. Spatial Data Quality and Integrity</p> <ul style="list-style-type: none"> - ISO Standards and Data Quality Principles 	Portugal and Italy
		<p>12. Discussion on the Future MSDI</p> <ul style="list-style-type: none"> - Digital Twins from MSDI Perspective 	All

		Chair will invite participants to envision and discuss the elements of the future MSDI.	
		13. OGC APIs for MSDIs	OGC Marine DWG
WG	1750 - 1800	14. Establishment of project teams if deemed necessary	All
Closing	1800	Closing of Day One of the Meeting	Chair

Day Two 31 Jan 2023: The 4th Expert Meeting of the United Nations Global Geospatial Information Management Working Group on Marine Geospatial Information Meeting

Day Three: 1 Feb 2023

Morning Session (0900 – 1300): The 4th Expert Meeting of the United Nations Global Geospatial Information Management Working Group on Marine Geospatial Information Meeting

Afternoon Session: Site Visit by Host

Day Four: 2 Feb 2023

Morning Session (0900 – 1300)

Theme	Time	Subject	Responsible
Welcome	0900 – 0910	Welcome and summary of day one Chair will provide summary of the main discussions and outcomes of the first day of the meeting	Chair
Discussion	0910 - 1040	15. C-17 Version 3.0 Drafting Session Docs: MSDIWG14-15 Draft IHO C-17 3.0 MSDIWG15-15 C-17 Case Study Template MSDIWG14-15 C-17 Ed 2.0.0 Chapter 1: Introduction and Background Chapter 2: Role of HO and MSDI Chapter 3: MSDI Maturity Chapter 4.1 Governance Chapter 4.2: Technology Chapter 4.3: People Chapter 5: Taking MSDI to the Next Level	Chair, Vice-Chair, Italy
Break	1040 - 1100		Host
Discussion	1100 - 1300	C-17 Version 3.0 Drafting Session (continued)	Chair, Vice-Chair, Italy
Lunch	1300 - 1430		Host
OGC Marine DWG Meeting	1430 - 1800	Afternoon Session: OGC Marine Domain Working Group, with separate agenda	OGC
Closing	1800	Closing of Day Four of Meetings	

Day Five: 3 Feb 2023

Morning Session (0900 – 1300)

Theme	Time	Subject	Responsible
Welcome	0900 – 0910	Welcome and summary of day four morning session Chair will provide summary of the main discussions and outcomes of the first day of the meeting	Chair
Discussion	0910 - 1040	16. Marine Science and Ocean Observation Data Governance 16.1 Data Sharing in Ocean Observation Community 16.2 Singapore’s Roadmap for Implementing Marine Science Data Standards	Phillippa Bricher Singapore
		17. Use-cases of crowdsourced bathymetry	CSBWG, Afif Ghaiih, Lebanon
		18. Discussion on MSDI Training Materials and Capacity building Chair will invite participants to provide feedback on the materials presently available on the IHO e-learning centre, and to discuss way forward. Docs: <ul style="list-style-type: none"> • MSDIWG14-18.1 DE/BSH Report on IHO e-learning material assessment • MSDIWG14-18.2 Singapore eLearning Centre MSDI Feedback 	Chair, All
Break	1040 - 1100		Host
Update, status and how to proceed	1100 - 1200	19. Updating the MSDIWG work plan and action list Participants will update the MSDIWG Work Plan 2021 - 2024 with the conclusions from the meeting. Plans beyond 2024 will be considered.	All/IHO Secretariat
		20. Drafting of the MSDIWG14 Report to IRCC15 The topics for the MSDIWG14 Report will be drafted	Chair, Vice-Chair, IHO Secretariat
	1200 – 1215	21. Election of MSDIWG Chair and Vice-Chair	IHO Secretariat
	1215 – 1300	22. Any other business Chair will invite participants to consider other topics arising from the meeting	All
		23. Evaluation of Meetings, Next MSDIWG15 Meeting and host for MSDIWG16 (2025)	
Lunch	1300 - 1430		Host
UNGGIM Working Group on Marine Geospatial Information	1430 - 1745	Afternoon Session: UNGGIM Working Group on Marine Geospatial Information, with separate agenda	UNGGIM
Closing	1745 - 1800	Joint Closing Session	Chairs