10th MEETING OF THE IHO MARINE SPATIAL DATA INFRASTRUCTURES WORKING GROUP (IHO-MSDIWG10)

Busan, Republic of Korea (4-5 March 2019)
Followed by the meetings:
OGC Marine DWG (6 March 2019)
UN-GGIM WGMGI1 (7-9 March 2019)

DRAFT AGENDA AND TIMETABLE (Version 3)

Day one: 4 March 2019

Theme	Time	Subject General	Responsible
Welcome	0900 - 1030	**1. Welcome, introduction of participants and practical information** *Docs: MSDIWG10-01B List of Participants* * MSDIWG10-01C Membership List* **2. Approval of Agenda** *Docs: MSDIWG10-02 Agenda and Timetable*	Host/Chair
Status		**3. Terms of reference for the MSDIWG** *Docs: MSDIWG10-03 MSDIWG ToR and RoP*	Chair
		4. Objectives for and structure of the meeting *Docs:* **4.1. Review of actions items from MSDIWG9** *Docs: MSDIWG10-04.1A Minutes from MSDIWG9 (Chair)* * MSDIWG10-04.1B Action Items from MSDIWG9 (Chair)* **4.2. Review the result and feedback from C-2, IRCC10 and HSSC10** *Docs: MSDIWG10-04.2A Actions and Decisions from C-2 (Chair)* * MSDIWG10-04.2B List of Decisions from IRCC10 (Chair)* * MSDIWG10-04.2C List of Actions from IRCC10 (Chair)* * MSDIWG10-04.2D List of Actions from HSSC10 (Chair)* Meeting will discuss the ongoing revision of the IHO Strategic Plan and its implementation, among other outcomes of C-2. Participants will be presented the development of the MSDI Training Material by Denmark. **4.3. Setting goals for this meeting** **4.4. Short review of work programme** *Docs: MSDIWG10-04.4 Work Plan 2018-2021*	Chair/ Secretariat/ All
Break	**1030 - 1050**		**Host**
Presentations	1050 - 1230	**5. Structure of national reports:** See C-17 part 2.1 *Docs: MSDIWG10-05 draft IHO Resolution 2/1997 RHCs* Meeting will discuss the ongoing revision of the IHO Resolution 2/1997 on RHCs, which can include reporting on: *- Policy and Governance* *- Technical standards* *- Information systems* *- Geographic content*	Chair, Secretariat
		6. National presentation from members on status of MSDI *Docs: MSDIWG9-06A National Report - Denmark* * MSDIWG9-06B National Report - Republic of Korea*	All

		Member States report to MSDIWG the successes and challenges and ways of overcoming them. Expect 10 minutes to cover C-17. Part 2.1.	
Lunch	**1230 - 1330**		**Host**
Presentations	1330 - 1500	**6. National presentation from members on status on MSDI (continued)**	All

		7. Regional and other relevant presentations of MSDI initiatives e.g.:
		Docs: MSDIWG10-07A ARMSDIWG Report
		      MSDIWG10-07B BS-NSMSDIWG Report
		      MSDIWG10-07C OGC Marine DWG Report
		      MSDIWG10-07D1 IHO CSBWG (1)
		      MSDIWG10-07D2 IHO CSBWG (2)
		      MSDIWG10-07E IHO DCDB and GEBCO Seabed 2030
		
		- Arctic MSDIWG (Chair)
		- BS-NSMSDIWG (Chair)
		- OGC Marine Domain WG (Vice-Chair)
		- IHO Crowdsourced Bathymetry WG (Secretariat)
		- IHO DCDB and GEBCO Seabed 2030 (Secretariat)
		- Others
		Expect 10 minutes maximum to cover C-17. Part 2.1.
			Chair/ Member States

Break	**1500 - 1520**		**Host**
Action items. Presentations and re	1520 - 1700	**8. UN Sustainable goals.** Presentation of the goals. *Docs: MSDIWG10-08 Draft report of the IRCC PPT (Secretariat)* Meeting will consider the ongoing work of the Principles Project Team (PPT) on the UN-GGIM Statement of Shared Guiding Principles for Geospatial Information Management.	Chair, Vice-Chair
		8.1 Discussion on how a MSDI can support these goals. (Reference: MSDI training material)	All
		8.2 Prioritization of the three most important goals from a MSDI perspective *Docs: MSDIWG10-08.2A Identifying the three most important SDGs (Chair)* *MSDIWG10-08.2B Sustainable development and geospatial information (Chair)*	All
		8.3 Discussion on how to cooperate with the UN-GGIM Working Group on Marine Geospatial Information (WGMGI) in a forward looking perspective	All
		9. IHO-OGC MSDI Concept development Study *Docs: MSDIWG10-09 Concept Development Study (Vice-Chair)*	Vice-Chair
		9.1 Discussion of outcome	All
		9.2 Discussion on how to proceed	All
		9.3 Development of a MSDI Pilot Project	All

		10. Presentation of the MSDI training martial
		Docs: MSDIWG10-10A Development of MSDI Teaching Material (Chair)
		      MSDIWG10-10B Slides on MSDI Fundamentals (Chair)
		      MSDIWG10-10C Slides on MSDI Orientation (Chair)
		      MSDIWG10-10D MSDI e-Learning Platform (ROK)
			Chair/IIIC

		10.1 Discussion of outcome	All
WG	1700 - 1800	**Establishment of work groups if deemed necessary**	
Closing	**1800**	**Closing of day one of the meeting**	**Chair**

Day two: 05 March 2019

Theme	Time	Subject	Responsible
	0830	**Welcome and summing up from day one**	Chair
	0830 - 0930	**11 General presentation of Tasks not cowered by action items** Status, challenges way ahead on activities and actions *Doc: MSDIWG10-11A Questionnaire on MSDI and MSP (Chair)*	Chair
		11.1 Policy and Governance	
		11.1.1 Task A Communication and dissemination	
		11.1.2 Task B Operational - Data sharing and management	
		11.1.3 Task C Policy and Governance *Docs: MSDIWG10-11.1A Open Geospatial Data (Chair)* *MSDIWG10-11.1B Open European Location Services (Chair)* *MSDIWG10-11.1C Guidance for Data Licensing (Chair)*	
		11.1.4 Task E - Innovation – Future perspectives (2021 - 2023)	
		11.1.5 Task F - Training and education	
	0930 - 1030	**11.2 Technical standards** *Docs: MSDIWG10-11.2A Paper to DQWG14 on data integrity (Chair)* *MSDIWG10-11.2B DQWG14 response on data integrity (Chair)*	
		11.2.1 Task D - Standards *Docs: MSDIWG10-11.2C S-102 Pilot Project (Caris)* *MSDIWG10-11.2D S-121 Developments (IIC)* Presentation on S-102 pilot project (Caris) Presentation on S-121 developments (IIC)	
		11.3 Information systems	
		11.3.1 Task B Operational - Data sharing and management *Doc. MSDIWG10-11.3 Options for Sharing, Collaboration and Production Online (ESRI)*	
		11.4 Geographic content *Doc. MSDIWG10-11.4 Living Atlas of the World and the Community Maps Program (ESRI)*	
Break	**1030 - 1050**		**Host**
Task G Maintain and extend the publication IHO MSDI C-17	1050 - 1130	**12.1 General presentation of Task G** Status, challenges way ahead on activities and actions	Chair
		G.1 Maintain IHO publication C-17 to reflect developments in ICT, Content, Standards and Governance of MSDI *Docs: MSDIWG10-12.1 Maintenance of IHO Publication C-17*	USA, Denmark, Germany, Portugal, OceanWise
Task H Conduct annual meetings of MSDIWG, MSDI Open Forum, OGC Marine DWG and UN-GGIM WGMGI	1130 - 1200	**13.1 General presentation of Task H** Status, challenges way ahead on activities and actions	Chair
		H.1 Conduct 2020-2022 meetings of MSDIWG, arranged back to back with 1-day MSDI Open Forum and OGC Marine DWG, and when possible with the UN-GGIM WGMGI	MSDIWG Management Group (Chair, Vice-Chair, Sec., Secretariat)

Discussion	1200 - 1230	**Feedback and discussion. Continuation of the review of tasks. Establishment of work groups if deemed necessary**	
Lunch	**1230 - 1330**		**Host**
Update, status and how to proceed	1330 - 1430	**15. Updating the MSDIWG work plan 2018-2020 and action list, with a possible longcast view** *Docs: MSDIWG10-15 Updated Work Plan 2018-2020* Participants will update the MSDIWG Work Plan 2018-2020 with the conclusions from the meeting.	
		16. Drafting the MSDIWG10 Report *Docs: MSDIWG10-16 Draft elements for the MSDIWG10 Report* The topics for the MSDIWG10 Report will be drafted (it will become doc. MSDIWG10-16)	Sec.
		17. Any other business Chair will invite participants to consider other topics arising during the meeting.	
	1430 - 1500	**18. Content of next MSDIWG11 meeting, MSDI Open Forum and OGC Marine DWG (and UN-GGIM WGMGI2)** The content for the next meeting will be drafted.	
Break	**1500 - 1520**		**Host**
Work groups	1520 - 1700	**19. Next MSDIWG meetings (Venue and Date)** **Definition of the dates and venue for MSDIWG10. Participants are expected to offer to host MSDIWG11 (2020) and MSDIWG12 (2021).** MSDIWG11: January/February 2020 (Rostok, Germany) MSDIWG12: January/February 2021 (Singapore) MSDIWG13: January/February 2022, depending on proposals	Chair
		Evaluation of the two last days	
Closing	1700	**Closing of the meeting**	