

**8th MEETING OF THE IHO MARINE SPATIAL DATA INFRASTRUCTURES
WORKING GROUP (IHO-MSDIWG8)**

Vancouver, Canada, 31 January-2 February 2017

DRAFT AGENDA AND TIMETABLE

Day one: 31 January 2017

Theme	Time	Subject	6
Welcome	0900 - 1020	<p>1.1 Welcome, introduction of participants and practical information <i>Docs: MSDIWG8-01.1a List of Documents</i> <i>MSDIWG8-01.1b List of Participants</i> <i>MSDIWG8-01.1c List of MSDIWG Members</i></p> <p>1.2. Approval of Agenda <i>Docs: MSDIWG8-01.2 Agenda and Timetable</i></p>	Host/President/ Chair
Status		<p>1.3. Terms of reference for the MSDI WG <i>Docs: MSDIWG8-01.3 Terms of Reference</i></p>	Chair
		<p>1.4. Objectives for the meeting <i>Docs: MSDIWG8-01.2 Agenda and Timetable</i> <i>MSDIWG8-01.4a Work plan 2015-2020</i> <i>MSDIWG8-01.4b CHS Survey on MSDI</i></p> <p>1.4.1. Review of actions items from MSDIWG <i>Docs: MSDIWG8-01.4.1 Action Items MSDIWG 7</i></p> <p>1.4.2. Review the result and feedback from IRCC-8 and HSSC-8 <i>Docs: MSDIWG8-01.4.2a IRCC8 MSDIWG report</i> <i>MSDIWG8-01.4.2b IRCC8 Report</i> <i>MSDIWG8-01.4.2c IRCC8-HSSC8 Action lists</i> <i>MSDIWG8-01.4.2d IRCC8 List of Decisions</i></p> <p>1.4.3. Short review of relevant items/results from 5th EIHC</p> <p>1.4.4. Short review of IHO MSDIWG Submission to the 1st Session of the IHO Assembly</p> <p>1.4.5. Short review of work programme (see attached) <i>Docs: MSDIWG8-01.4a Work plan 2015-2020</i></p>	Chair/ Secretariat/All
Break	1020 - 1035		
Presentations	1035 - 1230	<p>1.5. Setting goals for this meeting's results</p>	Chair
		<p>1.6. National presentation from members on status on MSDI <i>Docs: MSDIWG8-01.6a National Report -</i> <i>MSDIWG8-01.6b National Report -</i></p> <p>MS report to each MSDIWG annual meeting listing successes and challenges and ways of overcoming them.</p>	All
Lunch	1230 - 1315		
Presentations	1315- 1500	<p>1.6. National presentation from members on status on MSDI</p>	All
		<p>1.7. Regional and other relevant presentations of MSDI initiatives <i>Docs: MSDIWG8-01.7a Arctic MSDIWG</i> <i>MSDIWG8-01.7b BS-NSMSDIWG</i> <i>MSDIWG8-01.7c Baltic MSP data expert group</i> <i>MSDIWG8-01.7d OGC Marine Domain WG</i></p>	Chair MS

		<p><i>MSDIWG8-01.7e IHO Crowdsourced Bathymetry WG</i> <i>MSDIWG8-01.7f Marine Cadastre in Europe</i> <i>MSDIWG8-01.7g EMODNet</i></p> <ul style="list-style-type: none"> - Arctic MSDIWG - BS-NSMSDIWG - Baltic MSP data expert group - OGC Marine Domain WG - IHO Crowdsourced Bathymetry WG - Marine Cadastre in Europe - EMODNet - Other 	
Break	1500 - 1515		
Action items. Presentations and reports	1515-1700	1.8. Action Items	
		a. Re-submit a proposal to IRCC for IHO funding to support outreach for 2015 - 20 MSDIWG work programme (held over from MSDIWG5)	WG Chair/IHB
		b. Contact CBSC Chair to discuss assistance in the provision of training and promotional support for MSDI. Project proposal to follow as necessary	WG-Chair
		c. Investigate funding options to support the setting up of a Marine Spatial Planning Common Operating Picture (MSPCOP) project	GSDI - Roger Longhorn
		d. Provide links to WG Members of data requirements for MSP in England. Provide links to WG DIKE from EC DG Environment.	OceanWise
		e. Build a generic business case framework template for MSDI supported by compelling use cases, for MS to submit to decision makers as necessary - include in C-17	Denmark
		f. Discuss with CBSC Chair, the importance of implementing simple data management best practise as part of Phase 1 and 2 CB activities. If appropriate, provide a paper thereafter to CBSC.	Chair/Secretariat
		g. OGC to set up ad-hoc Maritime sub-group and invite MSDIWG members to participate	OGC/Caris
		h. OGC ad-hoc Maritime sub-group and MSDIWG to consider developing a Conceptual Model MSDI.	All
		i. Arctic SDI “request for information” document to be provided to all MSDIWG Members for comment.	NGA/OGC/Chair
		j. Training syllabi to be reviewed to reflect the changing focus of MSDI towards planning, business case development and implementation.	All
		k. Provide guidance to IRCC to encourage feedback by RHC as part of its national reports on the effectiveness and relevance of MSDI Capacity Building training.	Chair/IHB
		l. Training syllabi to be reviewed to reflect the changing focus of MSDI towards planning, business case development and implementation.	All
m. Contact CBSC Chair to establish a better understanding of the reasons for CBSC request to increase the number of trainers for MSDI through Training the Trainer courses	Chair		

		n. Request IHB to establish a URL on its MSDI website pointing towards e-learning facilities provided by Caris, Esri and OceanWise. MSDIWG members to supply links to their e-Learning to IHB.	Chair /IHB
		o. Set up Drafting Group (DG) to prepare report for IRCC8, containing examples of best practise (Ref: IRCC7 Action 49) for inclusion in Publication C-17.	Chair
		p. Provide a template re-use licence on the MSDI website for MSDIWG members to follow.	OceanWise
		q. Set up Drafting Group (DG) to complete new MSDI submission to IRCC8 for approval and forwarding for consideration at IHC 2017.	Chair
		r. Set up Drafting Group (DG) to re-draft Publication C-17 for consideration by IRCC8 in pdf and editable digital formats.	Chair
		s. Set up Drafting Group (DG) to identify those authoritative data that HO's are able to offer to MSDI as "owners" and as "publishers" (for inclusion in Publication C-17)	Chair
		t. Prepare a paper on this initiative for Chair to forward to IRCC8 to forward for consideration by HSSC as a good way of resolving significant challenges in reconciling, for example, differences between land and offshore CRS.	OGC, Caris, Esri, OceanWise
		u. Provide for MSDIWG8, presentations of examples of Marine Cadastre (MC), to provide greater understanding of what constitutes MC and its role in MSDI.	All
		v. MSDIWG8 to include agenda item to consider the impact of adopting the cloud concept inviting MSDIWG members to bring forward ideas and methods pertinent to them.	Esri, Caris, OGC
		w. Request HSSC WG to clarify if the S-102 product specification can support multiple surfaces.	Germany
		x. Respond to IHO-EU Network Working Group (IENWG) advising that IHO considers this regional activity should be coordinated through RHC MSDIWG rather than IHO MSDIWG.	Chair
		y. Publication C-17 Drafting Group to provide guidelines to Members on preparing a business case for SDI prior to submission to IRCC-8.	Chair
		z. Consideration to be given to improving the way that MSDI information is presented on the IHO website.	Chair
		aa. Chair to approach CHS to confirm willingness to host 2017 Demonstration Day, Open Forum and WG meetings on 31 Jan-3 Feb 2017.	Secretariat/Chair
		bb. Consideration to be given to video streaming the Open Forum in future and to upload to the web for wider dissemination.	Secretariat/Chair
		cc. WG members to indicate their willingness to host MSDIWG and Open Fora in 2018, 2019 and 2020.	All
Closing	1700	Closing of day one of the meeting	

Agenda

MSDIWG-8 meeting

Day two: 1 February 2017

Theme	Time	Subject	Responsible
Welcome	0900 - 0935	2.1. Welcome and summing up from day one.	Chair
	0935 - 0940	2.2. 1.8. Action Items cont.	
Task C MSDI training and education	0940 – 1000	2.3. General presentation of Task C. Provide annual technical reports to HSSC through IRCC if needed	Chair/all
		C1. Feedback. <i>Establish and maintain a MSDI training syllabus for use across IHO community</i>	All
		C2. E-learning Request CBSC through IRCC to facilitate e-learning for MSDI	Chair
		C3. Outreach to academia and other bodies to promote and contribute to MSDI in the hydrographic community Investigate the possibilities for establish a MSDI work shop wider audience	All
Task B Assess the existing and new standards in the provision of marine components of spatial data infrastructures	1000 - 1020	2.4. General presentation of Task B. Status, challenges way ahead on activities and actions	All OceanWise
		B1 Identify HO datasets and use cases for the use in MSDI Create/develop and maintain relevant MSDI matrixes INSPIRE	
		B2. Review standards and specifications relevant for MSDI Determine and log any issues of concern in WG regarding existing and new standards	All
		B3. Provide annual technical reports to HSSC through IRCC if needed	
Break	1020 - 1035		
Task A Identify and promote national and regional best practices:	1035 - 1230	2.5. General presentation of Task A. Status, challenges way ahead on activities and actions	Chair
		A1 Set up a survey to establish current position in respect of benefits and challenges faced by MS's role in NSDI and/ or MSDI	Secretariat
		A.2 Monitor and report on national, regional and international MSDI activities and report to enable increased visibility of hydrographic importance	MS
		A.3 MS to identify relevant use cases for MSDI and report to MSDIWG	All
Lunch	1230 - 1315		
Task D Facilitate (external) MSDI communication	1315 - 1500	2.6. General presentation of Task D. Status, challenges way ahead on activities and actions	IHB
		D1. Update the IHO MSDI webpage <ul style="list-style-type: none"> • Maintain MSDI reference documentation on the IHO website • Identify and make available MS Web sites/papers that address technical issues such as datum, WMS, WFS for charting data. 	IHB/Chair

		<ul style="list-style-type: none"> • Poll MSDIWG members for input work, with IHB to post on IHO Web site. • Investigate the possibility for an additional new web address for the MSDI webpage 	
		D.2. MSDI communication and dissemination Support the establishment of a Linked in MSDI group	CARIS
Break	1500 - 1515		
Task E Maintain and extend the publication IHO MSDI C-17	1515 - 1700	2.7. General presentation of Task E. Status, challenges way ahead on activities and actions <i>Docs: MSDIWG8-02.7 Draft Ed. 2.0.0 IHO Publication C-17</i>	Chair Secretariat
		E1. Update the publication IHO MSDI C-17 <ul style="list-style-type: none"> • Update information • Provide case studies • Best practice guidelines defined 	Secretariat All
		E2. Presentation of C-17 Investigate new options with IHB of presenting C-17 as a web publication	All
Task G Ensure that MSDI is a standing agenda item for RHCs' meetings		<ul style="list-style-type: none"> • MSDIWG paper to IRCC re-stating importance of RHC's placing MSDI as an agenda item at RHC meetings. • MSDI inputs and actions from RHC's fed back to MSDIWG • Ensure that MSDI is a standing agenda item for RHCs' meetings and RHCs' report back to MSDIWG: • Investigate new options: • Should the MSDIWG appoint MSDI ambassadors in RHC? • Should the MSDIWG provide standard MSDI presentations to RHC? • Should the MSDIWG establish best practise MSDI cases for RHC? 	All
Work groups		Establishment of work groups if deemed necessary	
Closing	1700	Closing of day two of the meeting	

**Agenda
MSDIWG-8 meeting**

Day three: 2 February 2017

Theme	Time	Subject	Responsible
Welcome	0030 - 0935	Welcome, and summing up	Chair
Status	0935 - 1020	3.1. Feedback and discussion.	All
Break	1020 - 1035		
Discussion	1035 - 1230	3.2. Identify HO datasets and use cases for the use in MSDI	All
		3.3. Input to action list. <i>Docs: MSDIWG8-01.4.1 Action Items MSDIWG 7</i>	Secretariat
Lunch	1230 - 1315		
Status and how to proceed	1315 - 1500	3.4. Items from the work plan not covered by Sub groups	All
		3.5. Updating the MSDIWG work plan 2017-20 and action list	All
		3.6. Any other business <i>Docs: MSDIWG8-03.6a GCC SDI</i>	All
Break	1500 - 1515		
Next meeting	1515 - 1555	3.7. Content of next MSDIWG9 meeting, MSDI Demonstration Workshop and Open Forum	All
		3.8. Place and time for the next MSDI open forum meeting and MSDIWG - 9 meeting?	All
		Evaluation of the 3 last days	All
Closing	1600	Closing of the meeting	Chair