

Proposed revision of the Draft IHO Marine Spatial Data Infrastructure Working Group (MSDIWG) Work Plan

MSDIWG WORK PLAN 2015–20

MSDIWG Tasks

A	Identify and promote national and regional best practices
B	Assess the existing and new standards in the provision of marine components of spatial data infrastructures
C	MSDI training and education
D	Facilitate (external) MSDI communication
E	Maintain and extend the publication IHO MSDI C-17 (IHO Task 2.9.2 refers)
F	Conduct annual meetings of MSDIWG, arranged back to back with 1-day MSDI Open Forum (IHO Task 2.9.1 refers)
G	Ensure that MSDI is a standing agenda item for RHCs' meetings (IHO Res 2/1997, as amended, refers)

No	Work item	Priority H-high M-med L-low	Milestones	Start Date	End Date	Status P-planned O-ongoing C-completed	Responsible / contact person(s)	Related Pubs / Standard	Remarks
A.1	Set up a survey to establish current position in respect of benefits and challenges faced by MS's role in NSDI and/ or MSDI	H	Prepare questionnaire Review status of MS Analyse/report results MS report to each MSDIWG annual meeting listing successes and challenges and ways of overcoming them	Feb 2015 2015	Jan 2016 2020	C O	Canada MS		
A.2	Monitor and report on national, regional and international MSDI activities and report to enable increased visibility of hydrographic importance	M	Engage with relevant initiatives Report level of MS involvement	Apr 2014	Jan 2019	O	WG MS		Report to MSDIWG-6.

No	Work item	Priority H-high M-med L-low	Milestones	Start Date	End Date	Status P-planned O-ongoing C-completed	Responsible / contact person(s)	Related Pubs / Standard	Remarks
A.3	MS to identify relevant use cases for MSDI and report to MSDI WG	H	Create the foundation for MSDI business cases/case studies Create relevant use cases, from potential users of MSDI	Feb 2016	Jun 2018	P	GSDI		
B.1	Identify HO datasets and use cases for the use in MSDI	H	Create/develop and maintain relevant MSDI matrixes INSPIRE	Feb 2015	Jan 2018	O	Ocean		
B.2	Review standards and specifications relevant for MSDI	M	Determine and log any issues of concern in WG regarding existing and new standards (S-57, S100, INSPIRE, UN-GGIM, ISO and OGC) Seek clarification on any concerns in S-1XX development as seen from a MSDI perspective				Netherlands (also Caris, OceanWise, Envitia)		
B.3	Provide annual technical reports to HSSC through IRCC if needed	H		2015	2020	O	Chair		
C.1	Establish and maintain a MSDI training syllabus for use across IHO community	H	Establish syllabuses for 3 MSDI courses and a MSDI orientation For Senior Managers (i.e. Directors, Hydrographers, HR Managers) Practitioners (i.e. Hydrographic Surveyors, Cartographers, Oceanographers, IT specialists)	Jan 2014	Jan 2018	O	Chair & Secretary.		
C.2	E-learning	H	Request CBSC through IRCC to facilitate e-learning for MSDI	Feb 2016	Jan 2018	P	Chair & Secretary		

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C.3	Outreach to academia and other bodies to promote and contribute to MSDI in the hydrographic community	M	Investigate the possibilities for establish a MSDI work shop wider audience	Feb 2016	Feb 2019	P	Chair/sec		
D.1	Update the IHO MSDI webpage	M	<p>Maintain MSDI reference documentation on the IHO website</p> <p>Identify and make available MS Web sites/papers that address technical issues such as datum, WMS, WFS for charting data.</p> <p>Poll MSDIWG members for input work, with IHB to post on IHO Web site.</p> <p>Investigate the possibility for an additional new web address for the MSDI webpage</p>	Oct 2013	2020	O	IHB		
D.2	MSDI communication and dissemination		Support the establishment of a Linked in MSDI group	Mar 2015	June 2015	C	Caris		
D.3			Creation of a MSDI "white" paper	June 2016	Sept 2016	P	Caris/OceanWise		

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E.1	Update the publication IHO MSDI C-17	H	Update information Provide case studies Best practice guidelines defined	Feb 2015	July 2016	O	WG Drafting Group (Chair, Secretary, OceanWise, Envitia, Caris, USA, Norway)	C 17 C-17/CBSC MSDI Syllabus, INSPIRE, OGC, ISO, IHO, RHC reports, MSDIWG MS inputs	
E.2	Presentation of C-17	H	Investigate new options with IHB of presenting C-17 as a web publication	May 2016	Dec 2016	O	WG Drafting Group		
F.1	Conduct 2017 meeting of MSDIWG, arranged back to back with 1-day MSDI Open Forum	H	3-day workshop to be run Q1 of each year; 2017 Canada	Feb 2016	Jan 2017	O	MSDIWG Management Group (Chair/Vice Chair, Sec, IHB rep); representative		
F.2	Conduct 2017-20 meetings of MSDIWG, arranged back to back with 1-day MSDI Open Forum	M	Date and venue defined Logistics in place Conference programme defined Develop Workshop programmes	Sep 2013	Jan 2018	P	MSDIWG Management Group (Chair/Vice Chair, Sec, IHB rep)		

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G.1	Ensure that MSDI is a standing agenda item for RHCs' meetings (IHO Res 2/1997 as amended) and RHCs' report back to MSDIWG Investigate new options:	H	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 RHC appoint MSDI ambassadors? MSDIWG provide standard MSDI presentations to RHC? Should the MSDIWG establish best practise MSDI cases for RHC?	July 2015		C	MSDIWG Chair/Vice Chair	HSSC, IRCC, CBSC	
				June 2016	Jan 2017	O P			

MSDIWG Meetings (Task F)

Date	Location	Activity
2-3 Apr 2009	IHB, Monaco	MSDIWG 3
8 & 13 Sep 2011		Conference Calls
30 Jan – 01 Feb 2013	Copenhagen, Denmark	MSDI Open Forum + MSDIWG 4
4-7 Feb 2014	Silver Spring, Maryland, USA	MSDI Open Forum + MSDIWG 5
3-6 March 2015	Heathrow Airport, London, UK	MSDI Open Forum + MSDIWG 6
25-29 Jan 2016	JHOD, Tokyo, Japan	MSDI Demonstration Workshop + Open Forum + MSDIWG 7

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