

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

MSDIWG WORK PLAN 2014–15

MSDIWG Tasks

A	Identify and promote national and regional best practices: - for land-sea integration - for cross-border integration
B	Review the appropriateness of existing standards for the provision of the maritime components of spatial data infrastructures
C	Develop content for an MSDI training course
D	Maintain MSDI reference documentation on the IHO website
E	Maintain and extend 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
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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	Review 2008 survey and determine gain from a second survey Prepare updated questionnaire Re-issue 2008 questionnaire (if appropriate) Review status of MS Gather evidence Analyse/report results MS report to each MSDIWG annual meeting listing successes and challenges and ways of overcoming them	Jun 2014	Jun 2015	P	P.Valing (Estonia); J.Pepper (OceanWise -UK); Plus other MS invitees?		
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 To consider the impact of the UN-GGIM initiative, taking into account the items identified in paragraph 11 of HSSC5-05.7B,	Apr 2014	Mar 2018	O	F.Ros (Spain); C. Texier (France);		Report to HSSC-6.
A.3	Create relevant use cases, from potential users of MSDI	H	Identify and report success stories at sector, national or regional level	Jan 2014	Jun 2015	P	R.Ponce (Esri - USA) ; S.Grammann (BSH – Germany); IHB representative;		

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B.1	Liaise with TSMAD regarding level of S-100 understanding and use in support of SDI activities (e.g. INSPIRE)	M	<p>Determine and log any issues of concern in WG regarding new standards</p> <p>Obtain feedback from TSMAD on MSDIWG group-established topics</p> <p>Identify new S-1XX data specifications for datasets use in MSDI</p>	Jan 2013	Jan 2018	O	E.Vos(Netherlands); James Rapaport (Caris – Canada); C.Textier (France); To be completed	INSPIRE, Draft EC Directive on MSP and ICM	
C.1	Identify the need for education and training among the Member States and report to WG Chair	H	<p>Develop training events as required</p> <p>Investigate the possibilities to arrange an INSPIRE Workshop with EC-JRC</p>	Jan 2014	Jan 2018	P	Chair & Secretary.		
C.2	Establish a MSDI training syllabus for use across IHO community	H	<p>Senior Managers (i.e. Directors, Hydrographers, HR Managers)</p> <p>Practitioners (i.e. Hydrographic Surveyors, Cartographers, Oceanographers, IT specialists)</p>	Jan 2014	Jan 2015	P	R.Ponce (Esri - USA); A.Hoggarth (Caris -Canada); John Pepper (OceanWise - UK); Chair. HO members to be confirmed.		

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D.1	Maintain MSDI reference documentation on the IHO website	M	<p>Set up schedule for presentations/papers from MSDIWG members/others to be uploaded to Web site.</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>Poll MS via questionnaire (if reissued).</p>	Oct 2013	2018	Planned through work plan lifecycle	R.Ponce (Esri – USA) Chair t.b.c.		

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E.1	Conduct a review of MSDI that includes conceptual descriptions of the four sub-areas of MSDI as per: <ul style="list-style-type: none"> - Technical issues - Governance - Standards and specifications - Content (data) 	H	Update information Provide case studies Best practice guidelines defined Fundamentals of MSDI: <u>Technical issues</u> -Locate standards in place for interoperability -Mechanisms in place for publishing data <u>Governance</u> Define key challenges in respect of: -Identify organisational attitudes -Define release mechanisms -Understand user needs -Standards and specifications -Content (data) -Change management <u>Standards and specifications</u> -Status of adopted technical standards -Status of new IHO data specifications <u>Content (data)</u> -Report in –"Is data fit for purpose for inclusion in SDI"	Jan 2014	Oct 2015	P	Mike Osborne (OceanWise -UK); James Rapaport (Caris -Canada); Rafael Ponce (Esri -USA)	C 17 C-17/CBSC MSDI Syllabus, INSPIRE, OGC, ISO, IHO, RHC reports, MSDIWG MS inputs	

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E.2	Monitor technical developments in relation to MSDI	H	Define the scope of the work related to interoperability Monitor developments Provide status report to MSDIWG including recommendations on how to proceed Standing WG Agenda item	Jun 2014	Jan 2018	P	Ellen Vos (Vice Chair)	TSMAD	
E.3	Determine hydrographic data set(s) that should be included in MSDI	H	Prioritize data layers by usefulness to non- navigational sectors Identify priority order of importance (High, medium, low) Establish top 10 list Identify “core” reference datasets for MSDI Define publishing mechanism for sharing data	Jan 2013	Jan 2015	O	Core Data Task Group: Chair - Mike Osborne (OceanWise); P.Valing (Estonia); G.Homes (Aus); C.Textier (France); F.Ros (Spain);R.Rios (Argentina);S.Grammann(Germany)		
F.1	Conduct 2014 meeting of MSDIWG, arranged back to back with 1-day MSDI Open Forum	H	3-day workshop to be run Q1 of each year; 2014 NOAA, Washington DC	Sept 2013	Feb 2014	o	MSDIWG Management Group (Chair/Vice Chair, Sec, IHB rep); representative NOAA		

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F.2	Conduct 2015 -18 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)		
G.1	Ensure that MSDI is a standing agenda item for RHCs' meetings (IHO Res 2/1997 as amended)	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	July 2013	June 2014	O	MSDIWG Chair/Vice Chair	HSSC, IRCC, CBSC	

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, Ma, USA	MSDI Open Forum + MSDIWG 5
2015		

Chair: Jens Peter HARTMANN, Denmark
Vice-chair: Ellen VOS, Netherlands
Secretary: John PEPPER, OceanWise

Email: jepha@kms.dk
Email: em.vos@mindef.nl
Email: john.pepper@oceanwise.eu