## ARCTIC REGIONAL MARINE SPATIAL DATA INFRASTRUCTURES WORKING GROUP (ARMSDIWG) CONSOLIDATED WORK PLAN 2017-2020

Version 14 April 2017

## Tasks

Α	Common Understanding of MSDI in Arctic
В	Spatial Data Interoperability, Sharing and Display
С	Liaise with External Users of MSDI
D	ARMSDIWG / Arctic SDI Collaboration
E	Geospatial-enablement of Arctic Voyage Planning Guide (AVPG)
F	Pan-Arctic Bathymetry Database
G	Annual Meetings

## Work Items

Work item	Title	Priority H-high M-medium L-low	Milestones	Start Date	End Date	Status P-Planned O-Ongoing C-Completed S-Superseded	Contact Person(s)	Related Pubs / Standard	Remarks
A.1	Establish a framework for common understanding of MSDI between ARHC MS.	Н	■ White Paper	APR 2017		0	ALL	White Paper	<ul> <li>Ref. D</li> <li>Complimentary marine components</li> <li>SDI Manual for the Arctic V1 2016.</li> </ul>
A.2	Identify and asses the current status and challenges of individual ARHC MS MSDI implementation nationally and regionally.	Н	■ Reporting Template	APR 2017		0	CAN, USA, NOR		<ul> <li>Possible reporting template to be used by individual MS.</li> <li>Arctic SDI – reports available?</li> <li>Canada MSDI Questionnaire basis for reporting criteria</li> <li>Template covers 4 MSDI components / pillars</li> <li>Yearly presentation at ARMSDIWG workshop</li> </ul>
B.1	Monitor and seek MSDI development opportunities with the OGC Marine DWG.	M	OGC Concept     Development Study     (CDS) Proposal	APR 2017		0	c/ARMSDIWG		CDS Proposal – Arctic Bathy cross-community sharing.

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B.2	Promote hydrographic data discoverability in Arctic.	Н	<ul> <li>General ARMSDIWG presentation for outreach</li> <li>ARHC Homepage</li> <li>ARMSDIWG webpage</li> <li>AVPG</li> </ul>	OCT 2017		0	ALL		<ul> <li>Ref. C, and Ref. D (Marine data use in Arctic SDI)</li> <li>Professional work group &amp; stakeholder engagement / awareness</li> </ul>
B.3	Maintain an ARMSDIWG White Paper for external awareness.	М	V1.1 Completed	APR 2017		0	ALL		■ Ref. A
C.1	Identify potential users of Arctic MSDI.	Н	Organizational meeting for a contact plan	OCT 2017		0	ALL		<ul> <li>Include in template report Ref. A.2</li> <li>Invite to workshops</li> </ul>
C.2	Gain and analyze feedback from potential users of Arctic MSDI.	M	■ Contact Plan	OCT 2017		0	ALL		<ul> <li>Workshop invitations</li> <li>National reporting template</li> <li>OGC CDS</li> <li>Professional engagement</li> </ul>
D.1	Monitor the development of the Arctic SDI and seek areas for regional collaboration and sharing.	Н	<ul> <li>Meetings to be scheduled at least yearly</li> <li>Continued national contact between mapping agency and HO</li> </ul>	SEP 2017		0	ALL		Skype meeting, webinars (e.g. OGC)
D.2	Establish communication channels between ARHC MS HOs and Arctic SDI National Mapping Agencies to promote sharing of SDI information and find areas for collaboration.	M	<ul> <li>Initial meeting with Arctic SDI in APR 2017</li> </ul>	APR 2017	APR 2017	С	ALL		Contacts identified by ARMSDIWG in Arctic SDI National Contact Point list.
D.3	Find common data release and sharing for HO and National Mapping Agency (governance/policies)	M	In policy /     governance section     of report template	APR 2018		0	ALL		<ul> <li>Data policies with national mapping in the reporting template Ref. A.2</li> <li>Ref. D.1 and D.2</li> </ul>

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E.1	Identify data types and standards for an AVPG.	Н	<ul> <li>Concept Paper</li> <li>After ARHC         <ul> <li>approval</li> <li>implementation plan</li> </ul> </li> </ul>	OCT 2017	OCT 2018	Р	ALL		■ Refer to action list ARMSDIWG1
E.2	Work to incorporate AVPG themes and related spatial data into a geospatial portal as part of the greater Arctic MSDI.	Н	Action list     ARMSDIWG1	APR 2018	APR 2020	Р	ALL		■ IALA/ENAV ■ Refer to action list ARMSDIWG1
F.1	Investigate the possibility of a Pan-Arctic Bathymetry Database.	Н	<ul> <li>Identified similar projects at ARMSDIWG1</li> </ul>	APR 2017	APR 2019	0	ALL		<ul><li> OGC Concept Development Study</li><li> GEBCO/IBCAO</li><li> Other external projects</li></ul>
G.1	Conduct 2 yearly meetings (2018-2020)	Н	<ul><li>1 virtual meeting yearly (Fall).</li><li>1 in-person meeting yearly (Spring)</li></ul>	APR 2017	APR 2020	0	ALL		<ul> <li>Should meetings always coincide with Arctic SDI meetings?</li> <li>Investigate combined meeting with PAME</li> <li>Next meeting (Skype) October 2017</li> </ul>

## Meetings

Date	Location	Activity		
04-06 April 2017	Copenhagen, Denmark	ARMSDIWG1		
October 2017	Virtual (Skype)	ARMSDIWG1.5		

Chair: Sebastian Carisio, NGA Email: Sebastian.P.Carisio@nga.mil