



MARINE SPATIAL DATA INFRASTRUCTURE WORKING GROUP (MSDIWG)

[A Working Group of the Hydrographic Services and Standards Committee (HSSC)]

Chairman: Jens Peter HARTMANN
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Vice Chair: Ellen VOS
EM.Vos@mindef.nl
Secretary: John PEPPER
john.pepper@oceanwise.eu

MSDIWG Letter 01/2013

To MSDIWG Members and Observers

Date 30 October 2013

Subject: 5th MSDIWG Meeting, 5-7 February 2014
MSDI Open Forum, 4 February 2014
Silver Spring, Maryland, USA

Dear Working Group Member,

1. The 5th meeting of the Marine Spatial Data Infrastructure Working Group (MSDIWG-5) will be hosted by US-NOAA in Silver Spring, Maryland, USA, from 5-7 February 2014. It will be preceded with a day-long MSDI Open Forum "MSDI: More than Hydrography, Better Decisions from Better Data" on 4 February at same location. Logistical information is provided at Annex A (also available on the IHO website). Attendees should book their chosen hotel at their earliest convenience. More information can be obtained on the IHO web site (http://www.iho.int/srv1/index.php?option=com_content&view=article&id=483&Itemid=370),
2. At our last meeting in Copenhagen, Denmark, February 2013, we reactivated IHO consideration of SDI and proposed ways to progress MSDI implementation within the Organization and its Member States. This resulted in a detailed MSDIWG work plan divided into four sections, being: Review of progress across Marine Sector; Member States – review and status report; A practical approach to MSDI implementation; and Training and Communications. Revised terms of reference were also developed, including a vision “*to place hydrography, and its value to social and economic development, at the heart of Spatial Data Infrastructures (SDI’s) across the World*” and an objective “*to enable IHO Member States to develop their capability to engage and participate in regional and / or national MSDIs, and implement SDI principles and the benefits they bring*”.
3. Subject to the approval of the proposed work plan and terms of reference for MSDIWG by HSSC at its forthcoming meeting (Shanghai, China, November 2013), a challenge for MSDIWG-5 will be to progress the various elements of the work plan from the volunteering contributions of all MSDIWG members. A provisional agenda for MSDIWG-5 is provided in Annex B.
4. In order to prepare ourselves for the MSDIWG-5 meeting we have attached a questionnaire about national MSDI implementation and marine spatial planning. The questionnaire is attached as Annex C.
5. A provisional agenda for the MSDI Open Forum is provided in Annex D.
6. Please send any comments or additional items you would like add to the provisional agendas for MSDIWG-5 (Annex B) and/or the MSDI Open Forum (Annex D), and return the questionnaire (Annex C) to

the MSDIWG Chair (jepha@gst.dk) and Secretary (john.pepper@oceanwise.eu) **no later than 17 January 2014**.

7. I am very conscious that travel budgets are becoming increasingly tight but would appreciate your attendance at the proposed meeting so that we can take forward this next vital stage in the work of the MSDIWG.

Please let us know as soon as possible whether you will be able to attend MSDIWG-5. You are invited to complete the Registration Form provided in Annex E (also available on the IHO website) and send it via e-mail to: the MSDIWG Secretary (john.pepper@oceanwise.eu) copy to the MSDIWG Chair (jepha@gst.dk) and the IHB (adcs@iho.int), at your earliest opportunity.

I look forward to hearing from you and, hopefully, meeting you in Silver Spring next February.

Yours truly,

A handwritten signature in blue ink, reading "Jens Peter Hartmann". The signature is written in a cursive style with a large, sweeping initial 'J'.

Jens Peter HARTMANN
Chair IHO Marine Spatial Data Infrastructure Working Group

Enclosures: Annex A – Logistical Information
 Annex B – Provisional Agenda for MSDIWG-5
 Annex C – MSDI Questionnaire
 Annex D – Provisional Agenda for the MSDI Open Forum
 Annex E - Registration Form

Logistical Information for MSDIWG-5

The IHO Marine Spatial Data Infrastructure Working Group (MSDIWG) will hold its 5th meeting from Wednesday 5 to Friday 7 February 2014 in Silver Spring, Maryland, USA. MSDIWG-5 will be preceded with a day-long MSDI Open Forum "External Relations to MSDI" on Tuesday 4 February at same location.

Both events will take place at the following address: 1 Veterans Plaza, Silver Spring, Maryland.

See https://maps.google.com/maps?q=silver+spring+civic+center&ie=UTF-8&ei=4ZNJUvmII9Ld4APEyIAw&ved=0CAoQ_AUoAg.

Three airports that are close to Washington, DC serve the Silver Spring area (choice of airport will probably come down to the price of the airline ticket as it can vary greatly between airports):

1. Reagan National Airport (DCA) - From DCA you can take the metro/subway system out to the Silver Spring station, and walk, take a taxi, or take a free shuttle when available to local hotels in the area.
2. Baltimore Washington Airport (BWI) - From BWI, you can catch a train to downtown Washington and then the metro, or take a shuttle, taxi, or rent a car from the airport. The drive is approximately 35 minutes depending on traffic.
3. Dulles (IAD) - From IAD, you can take a shuttle or taxi or rent a car. This airport is a longer distance away (50 minutes) and depending on time of day, can be impacted heavily by rush hour traffic. .

Information on hotels follows. There are five within easy walking distance of the meeting. Silver Spring offers a variety of restaurants, movie theaters, and easy access to downtown Washington via the metro. For those wishing to stay in downtown Washington, DC, metro can be used to get out to the meeting.

Contact: Maureen KENNY
Deputy Chief, Coast Survey Development Laboratory
Office of Coast Survey, National Ocean Service, NOAA
maureen.kenny@noaa.gov
Tel: +1 301-713-2801, x122

RECOMMENDED ACCOMODATIONS IN SILVER SPRING, MARYLAND 20901 USA:

[DoubleTree by Hilton Hotel Washington DC - Silver Spring](#)

8727 Colesville Road
Tel: 1-301- 589-5200
Nightly Rate: **\$157 USD**

[Hampton Inn Silver Spring](#)

8728-A Colesville Road
Tel: 1-301-588-5887
Nightly Rate: **\$153 USD**

[Homewood Suites](#)

8728 Colesville Road
Tel: 1-301-565-0005
Nightly Rate: **\$191 USD**

[Courtyard Silver Spring Downtown](#)

8506 Fenton Street
Tel: 1-301-589-4899
Nightly Rate: **\$247 USD to \$270 USD**

[Sheraton](#)

8777 Georgia Ave
Tel: 1-301-589-0800
Nightly Rate: **\$216 USD to \$259 USD**

ECONOMICAL OPTIONS:

[Comfort Inn Georgia Ave/DC Gateway](#)

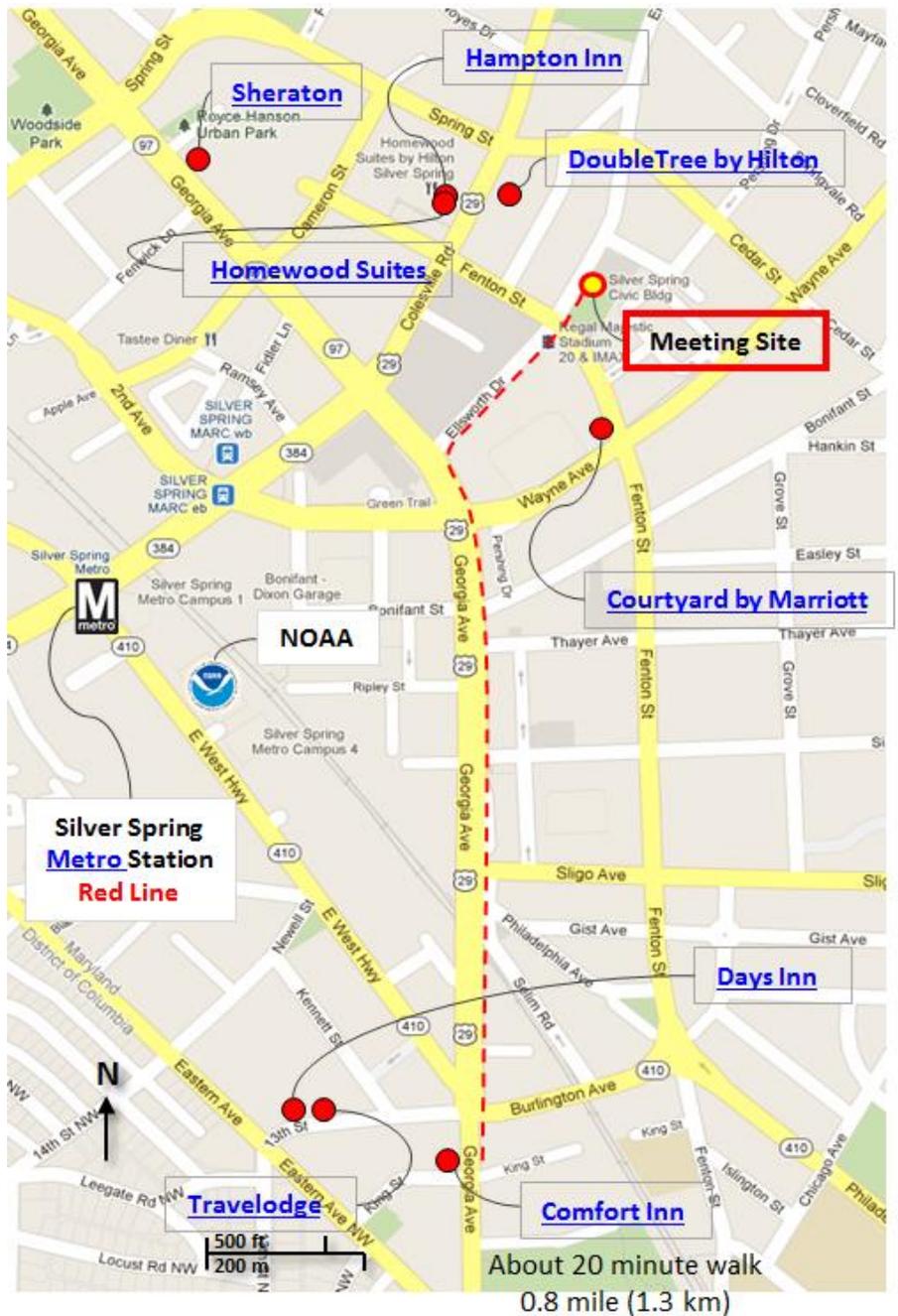
7990 Georgia Avenue
Tel: 1- 301-565-3444
Nightly Rate: **\$102 USD**

[Days Inn Silver Spring](#)

8040 13th Street
Tel: 1- 301-588-4400, 800 225-3297
Nightly Rate: **\$86 USD to \$102 USD**

[Travelodge](#)

8040 13th Street
Tel: 1- 301 495-0808
Nightly Rate: **\$92 USD**



Additional Information regarding Reservation of Accommodations:

You may choose to book your accommodations through a third party discount website for a better room rate. Here are few websites that offer discounted hotel rooms:

www.orbitz.com www.priceline.com www.travelocity.com www.expedia.com

**Marine Spatial Data Infrastructure Working Group (MSDIWG)
5th Meeting (MSDIWG-5), 5-7 February 2014
Silver Spring, Maryland, USA**

DRAFT AGENDA

Day one: Wednesday February 5, 2014

Theme	Time	Subject	Responsible
Welcome	0900 - 0920	Welcome, introduction of participants and practical information Summing up from the Open MSDI Forum	Host/Chair
Status	0920 - 1020	New Terms of reference for the MSDI WG (see attached)	Chair
		Approval of Agenda and objectives	Chair
		Review the result and feedback from HSSC-4	Chair
		Review of work programme (see attached) and activities to date	Chair/All
		Setting goals for this meeting's results	Chair/All
		Presentation of the different initiatives and subgroups. Appointment of sub group leaders and rapporteurs	Chair/All
Break	1020 - 1035		
Presentations	1035 - 1230	Presentation of the result of the Questionnaire	Chair
		National presentation from members on status on MSDI	All
Lunch	1230 - 1315		
Presentations And preparation for group work	1315 - 1500	Continuation of national presentation from members on status on MSDI Regional presentations of MSDI initiatives	All
		What are the challenges for the future from a private sector perspective?	Industry expert

			contributors
		Summing up and discussion. What are the challengers for the future from a HO perspective?	All
		Formation of Sub group 1, 2, and 3 and presentation of the expected work in the different sub groups.	Chair and Sub group leader
Break	1500 - 1515		
Group work (WG members work with industry expert contributors throughout)	1515 - 1700	Sub Group 1 Initiative 1: MSDI - Review of progress across Marine Sector <ul style="list-style-type: none"> - Conduct a review of MSDI that includes conceptual descriptions of the four sub-areas of MSDI as per 1.1a-d. - Liaison with other organisations to identify new uses for data. Identify value of HO data to economic development (e.g. MEIP) - Identify and recommend possible solutions to significant technical issues related to interoperability 	All
		Sub Group 2 Initiative 1: MSDI - Review of progress across Marine Sector <ul style="list-style-type: none"> - Establishing an IHO MSDI community Wiki, - Maintain and extend Publication IHO MSDI C-17, Provide updated information on all European Marine/Maritime initiatives 	All
		Sub Group 3 Initiative 2: MSDI and Member States – review and status report <ul style="list-style-type: none"> - Prepare an MSDI review and status report, that identifies examples of MSDI best practise. This activity is a standing MSDIWG Agenda item - Set up Review Group to audit MS's to establish current position in respect of benefits and challenges faced by MS's role in NSDI and/ or MSDI - Monitor and report on national and international MSDI activities and report to increase visibility of hydrographic importance (as MSDIWG Standing agenda item) - Create relevant use cases, from potential users of MSDI. 	All
Closing	1700	Closing of day one of the MSDIWG meeting	

Day two: Thursday February 6, 2014

Theme	Time	Subject	Responsible
Welcome	0900 - 0920	Welcome, and summing up from the last days	Chair
Continuation of group work	0920 - 1020	Sub Group 1 Initiative 1: MSDI - Review of progress across Marine Sector <ul style="list-style-type: none"> - Conduct a review of MSDI that includes conceptual descriptions of the four sub-areas of MSDI as per 1.1a-d. - Liaison with other organisations to identify new uses for data. Identify value of HO data to economic development (e.g. MEIP) - Identify and recommend possible solutions to significant technical issues related to interoperability 	All
		Sub Group 2 Initiative 1: MSDI - Review of progress across Marine Sector <ul style="list-style-type: none"> - Establishing an IHO MSDI community Wiki, - Maintain and extend Publication IHO MSDI C-17, Provide updated information on all European Marine/Maritime initiatives 	All
		Sub Group 3 Initiative 2: MSDI and Member States – review and status report <ul style="list-style-type: none"> - Prepare an MSDI review and status report, that identifies examples of MSDI best practise. This activity is a standing MSDI WG Agenda item - Set up Review Group to audit MS's to establish current position in respect of benefits and challenges faced by MS's role in NSDI and/ or MSDI - Monitor and report on national and international MSDI activities and report to increase visibility of hydrographic importance (as MSDI WG Standing agenda item) - Create relevant use cases, from potential users of MSDI. 	All
Break	1020 - 1035		
Presentations and discussion	1035 - 1230	Feedback from Sub groups and discussion. (approximately 30 minutes to each sub group to present headline actions) Input to action list.	All
		Formation of Sub group 4, 5 and 6 and presentation of the expected work in the different sub groups.	Chair and Sub group leader
Lunch	1230 - 1315		
Group work	1315 - 1500	Sub group 4 Initiative 3: What needs to be done – A practical approach to MSDI implementation! <ul style="list-style-type: none"> - Develop an MSDI WG strategy and revise work plan as necessary - Build a "template" business case for MSDI (including economic and socio economic benefits) - Create or facilitate development of pilot MSDI projects with Member States 	All

		<ul style="list-style-type: none"> - Determine hydrographic data set(s) that should be included in MSDI - Develop understanding of e-Navigation, its constituents and the role of MSDI as an enabler 	
		<p>Sub group 5 Initiative 3: What needs to be done – A practical approach to MSDI implementation! (Technical approach)</p> <ul style="list-style-type: none"> - Liaise with TSMAD regarding level of S-100 understanding and use in support of SDI activities (e.g. INSPIRE) - Launch an IHO "discovery" meta database, based on open-source technology which allows harvesting of information from IHO MS at regional level 	All
		<p>Sub group 6 Initiative 4: Supporting MSDI Implementation - Training and Communications</p> <ul style="list-style-type: none"> - Identify the need for education and training among the Member States and report to WG Chair - Establish a MSDI training syllabus for use across IHO community - Provide MSDI educational content to IHO Web site - Develop external communications programme to promote the work of the WG (e.g. to Maritime Press; IMO, IOC/IODE/FIG/EC) and internal communications programme using IHO website (Ref 4-5) and e-mail blasts for MSDI news and related hot topics 	All
Break	1500 - 1515		
Group work	1515 - 1700	<p>Sub group 4 Initiative 3: What needs to be done – A practical approach to MSDI implementation!</p> <ul style="list-style-type: none"> - Develop an MSDI WG strategy and revise work plan as necessary - Build a "template" business case for MSDI (including economic and socio economic benefits) - Create or facilitate development of pilot MSDI projects with Member States - Determine hydrographic data set(s) that should be included in MSDI - Develop understanding of e-Navigation, its constituents and the role of MSDI as an enabler 	All
		<p>Sub group 5 Initiative 3: What needs to be done – A practical approach to MSDI implementation! (Technical approach)</p> <ul style="list-style-type: none"> - Liaise with TSMAD regarding level of S-100 understanding and use in support of SDI activities (e.g. INSPIRE) - Launch an IHO "discovery" meta database, based on open-source technology which allows harvesting of information from IHO MS at regional level 	All
		<p>Sub group 6 Initiative 4: Supporting MSDI Implementation - Training and Communications</p> <ul style="list-style-type: none"> - Identify the need for education and training among the Member States and report to WG Chair - Establish a MSDI training syllabus for use across IHO community - Provide MSDI educational content to IHO Web site - Develop external communications programme to promote the work of the WG (e.g. to Maritime Press; IMO, IOC/IODE/FIG/EC) and internal communications programme using IHO 	All

		<i>website (Ref 4-5) and e-mail blasts for MSDI news and related hot topics</i>	
Closing	1700	Closing of day two of the MSDIWG meeting	

Day three: Friday February 7, 2014

Theme	Time	Subject	Responsible
Welcome	0900 - 0905	Welcome	Chair
Presentations and discussion	0905 - 1040	Feedback from Sub groups and discussion. (approximately 30 minutes to each sub group to present headline actions) Input to action list.	All
Break	1040-1055		
Discussion	1055 - 1230	Items from the work plan not covered by Sub groups	All
		Discussion on challenges for the future related to national and IHO MSDI	
Lunch	1230 - 1315		
Status and how to proceed	1315 - 1500	How to promote MSDI to HO's, in RHC and from a broader perspective. Should we e.g. have a joint MSDI conference?	All
		Updating the MSDI WG work plan and action list	All
		Any other business	All
Break	1500 - 1515		
Next meeting	1515 - 1555	Content of next MSDI conference and MSDI WG5 meeting Establishing regular teleconferences	All
		Place and time for the next MSDI open forum meeting and MSDI WG-6 meeting?	All
		Evaluation of the 4 last days	All
Closing	1600	Closing of the meeting	Chair

Marine Spatial Data Infrastructure Working Group (MSDIWG)

Questionnaire about national MSDI and use of marine related data.

Please return the questionnaire no later than 17 January 2014 to jepha@gst.dk and john.pepper@oceanwise.eu

Country:

1) Have you established a MSDI in your country (This might be at a national level or regional level)?

If yes, please make a brief description of the MSDI including which authority is responsible for managing it, is it a regulatory or voluntary MSDI

If no, please state if you have any plans for the future?

2) Have you established a marine spatial planning regime in your country (This might be at the national level with regional perspectives and / or offshore and inshore treated as separate tasks)?

If yes, please make a brief description of the maritime spatial planning regime and which authority is responsible for managing it, is it a regulatory or voluntary regime?

If no, please state if you have any plans for the future and will it be a regulatory or voluntary process?

3) Please list the 10 most important datasets you think agencies in your country in the future needs to have access to in order to deal with maritime spatial planning? List datasets by order of importance with most important first.

A) Name of dataset B) Content of the dataset C) What is the dataset used for?

Marine Spatial Data Infrastructure Working Group (MSDIWG)
MSDI Open Forum, 4 February 2014
Silver Spring, Maryland, USA

MSDI: MORE THAN HYDROGRAPHY, BETTER DECISIONS FROM BETTER DATA

DRAFT AGENDA

Location

1 Veterans Plaza
Silver Spring, Maryland 20910 USA
https://maps.google.com/maps?q=silver+spring+civic+center&ie=UTF-8&ei=4ZNJUvmII9Ld4APEyIAw&ved=0CAoQ_AUoAg

Objectives

This workshop will discuss aspects of MSDI and Marine Spatial Planning (MSP) to:

- understand what MSP is about, what benefits it can have, and what results can be expected.
- create awareness of what has worked and what has not in MSP practice around the world.
- give approaches to determining regional data and information needs for marine planning
- show applications to put data, information, and tools into the hands of the users.

Section 1: Marine Spatial Planning Overview

0900 – 0920 Introduction
0920 – 1020 International Perspective
1020 – 1040 Regional Perspective
1040 – 1050 *Break*
1050 – 1130 Regional Perspective (*continued*)
1130 – 1200 Case Study - Discussion
1200 - 1315 *Lunch*

Section 2: MSDI Data and Tools to Support Marine Planning

1315 –1455 Various Talks
1455 – 1510 *Break*
1510 – 1530 Various Talks (*continued*)
1530 – 1615 Panel Discussion
1615 – 1630 Closing

**Marine Spatial Data Infrastructure Working Group (MSDIWG)
5th Meeting (MSDIWG-5), 5-7 February 2014
MSDI Open Forum, 4 February 2014
Silver Spring, Maryland, USA**

REGISTRATION FORM

[Please send this via e-mail to the MSDIWG Secretary (john.pepper@oceanwise.eu) copy to the MSDIWG Chair (jepha@gst.dk) and the IHB (adcs@iho.int) at your earliest opportunity]

- Notes: 1. The boxes will expand as you type your answers
2. See also Logistical Information on the IHO website.

Member State / Organization

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1. Contact Details:

Family Name*
Given or Personal Name
Position / Job title / Role
Nationality
Telephone
E-mail
Accompanying person(s)

* Underline the name generally used in case of double surnames such as in Spanish-speaking countries

2. Travel Details (for administrative purpose only; participants are expected to make their own travel arrangements):

Your Arrival in Washington DC

<u>Airport</u>	
<u>Date</u>	
<u>Flight Number</u>	
<u>Airline</u>	
<u>Arrival Time</u>	

Your Departure from Washington DC

<u>Airport</u>	
<u>Date</u>	
<u>Flight Number</u>	
<u>Airline</u>	
<u>Departure Time</u>	

3. Hotel Information (participants are expected to make their own accommodation arrangements)
Yes or No?

Selected Hotel

1. DoubleTree by Hilton Hotel	
2. Hampton Inn Silver Spring	
3. Courtyard Silver Spring Downtown	
4. Other	<u>Name of other hotel</u>

Comments
Date
