INTERNATIONAL HYDROGRAPHIC ORGANIZATION

ORGANISATION HYDROGRAPHIQUE INTERNATIONALE

MARINE SPATIAL DATA INFRASTRUCTURES WORKING GROUP (MSDIWG)

[A Working Group of the Inter-Regional Coordination Committee (IRCC)]

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

MSDIWG Letter 01/2015

To MSDIWG Members and Observers   Date 8 January 2015

Subject: **6ᵗʰ MSDIWG Meeting, 4-6 March 2015**
           MSDI Open Forum, 3 March 2015
           London, UK

Dear Working Group Member,

1.   The 6ᵗʰ meeting of the Marine Spatial Data Infrastructures Working Group (MSDIWG6) will be hosted by the UKHO in London, UK, from 4-6 March 2015. It will be preceded with a day-long MSDI Open Forum entitled "Building a Maritime Spatial Data Infrastructure - Are The Principles At Odds With Strategies For Delivery?" on 3 March at same location. Logistical information is provided at Annex A (also available on the IHO website). The UKHO will block book the hotel for all the participants. More information can be obtained on the IHO web site at:
http://www.iho.int/srv1/index.php?option=com_content&view=article&id=483&Itemid=370

2.   At the request of the IRCC6, the HSSC6 (Viña del Mar, Chile, November 2014) approved the transfer of the WG on Marine Spatial Data Infrastructures from the HSSC to the Inter-Regional Coordination Committee (IRCC). A provisional agenda for MSDIWG6 is provided in Annex B. A provisional agenda for the MSDI Open Forum is provided in Annex C.

3.   Please send any comments or additional items you would like add to the provisional agendas for MSDIWG6 (Annex B) and/or the MSDI Open Forum (Annex C) to the MSDIWG Chair (jepha@gst.dk) and the Secretary (john.pepper@oceanwise.eu) **no later than 26 January 2015**.

4.   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 MSDIWG6. You are invited to complete the Registration Form provided in Annex D (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 (adcc@iho.int), at your earliest opportunity.

I look forward to hearing from you and, hopefully, meeting you in London in March.

Yours truly,

Jens Peter HARTMANN
Chair IHO Marine Spatial Data Infrastructures Working Group

Enclosures: Annex A – Logistical Information
                 Annex B – Provisional Agenda for MSDIWG6
                 Annex C – Provisional Agenda for the MSDI Open Forum
                 Annex D – Registration Form

Logistics Information for MSDIWG6 and Open Forum

The IHO Marine Spatial Data Infrastructures Working Group (MSDIWG) will hold its 6th meeting from Wednesday 4 to Friday 6 March 2015 in London, UK.

MSDIWG6 will be preceded with a day-long MSDI Open Forum entitled *"Building a Maritime Spatial Data Infrastructure - Are The Principles At Odds With Strategies For Delivery?"* on Tuesday 3 March at same location.
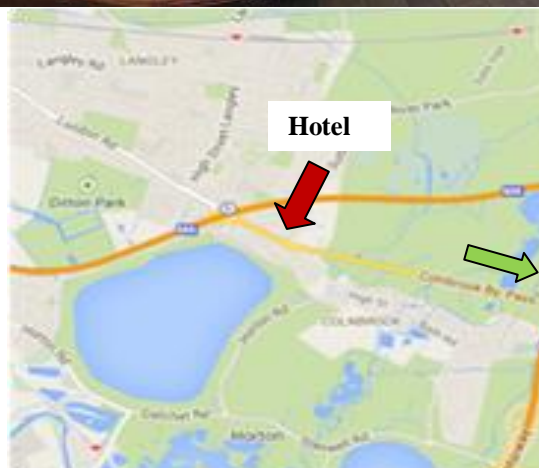
Both events will take place at the following address:

Holiday Inn Express London Heathrow T5
London Road
Heathrow
Slough
Berkshire, SL3 8QB

Note the hotel is approximately 5 miles West of Heathrow Airport (Terminals 1-4) and 3miles West from Terminal 5

The website for the hotel is:
http://www.ihg.com/holidayinnexpress/hotels/gb/en/slough/lontf/hoteldetail?cm_mmc=GoogleMaps-_-ex-_-GBEN-_-lontf

Hotel

To Heathrow Airport

Directions to Holiday Inn Express London - Heathrow T5

Please note that all accommodation has been pre-booked by the organisers from Monday evening 2nd March until Friday 6th February on a fully inclusive (full board) basis so there is **no requirement to book any accommodation yourselves.** The cost of accommodation is GBP109 per night. **Please confirm or otherwise your intention to attend the events using the proforma provided at Annex D by 26th January** .

To/From London Heathrow (LHR)

Distance: 2.0 MI/3.22 KM EAST of the Hotel

- Taxi Charge (one way): £40.00 GBP

To/From Train Station

- Station Name: Slough
- Distance: 3.4 miles/5.5km WEST of Hotel
- Shuttle Charge (one way): £2.30 GBP
- Taxi Charge (one way): £10.00 GBP

To/From London Underground Station

- Station Name: Heathrow T1,2,3,4,5 the Piccadilly line is available
- Distance: 5.7 miles/9 km SOUTH EAST of Hotel
- Hoppa Hotel Shuttle Bus Charge (one way): £4.50 GBP

SIXTH MEETING OF THE IHO MARINE SPATIAL DATA INFRASTRUCTURES WORKING GROUP
IHO-MSDIWG6
London, UK, 4-6 March 2015

DRAFT AGENDA AND TIMETABLE

Day One: Wednesday 4 March 2015

Theme	Time	Subject	Responsible
Welcome	0900 - 0920	**1. Welcome, introduction of participants and practical information** *Docs: MSDIWG6-1A List of Documents* * MSDIWG6-1B List of Participants* * MSDIWG6-1C Membership List*	Host/Chair
Status	0920 - 1020	**2. Terms of reference for the MSDI WG** *Docs: MSDIWG6-2A Terms of reference* * MSDIWG6-2B Amended*	Chair
		3. Approval of Agenda and objectives *Docs: MSDIWG6-3 Draft agenda and timetable* 3.1 Review of actions items from MSDIWG5 *Docs: MSDIWG6-3.1 Action Items MSDIWG5* 3.2 Review the result and feedback from HSSC6 *Docs: MSDIWG6-3.2 HSSC MSDIWG report* 3.3 Review the result and feedback from IRCC5 *Docs: MSDIWG6-3.3 IRCC MSDIWG report* 3.4 Short review of relevant items/results from EIHC5 3.5 Short review of work programme (see attached) *Docs: MSDIWG6-3.5 MSDIWG work plan*	Chair/Vice Chair/Secretariat/All
Break	**1020 - 1035**		
Presentations	1035 - 1230	**4. Setting goals for this meeting's results**	Chair
		5. National presentation from members on status on MSDI	All
Lunch	**1230 - 1315**		
Presentations	1315 - 1500	**5. National presentation from members on status on MSDI (continued).**	All

and preparation for work programme		**6. Regional presentations of MSDI initiatives** *Docs: MSDIWG6- 6.1 Report of the BSMSDIWG* *Docs: MSDIWG6- 6.2 Maritime spatial planning and integrated coastal management* Inspire presentation	Chair/Vice Chair
		7. What are the challenges for the future from a private sector perspective?	Private companies
		8. Summing up and discussion. What are the challengers for the future?	All
Break	**1500 - 1515**		
Task C	1515 - 1700	**9. General presentation of Task C.** **Status, challenges way ahead on activities and actions**	
Task C Develop content for an MSDI training course		**C1.** Identify the need for education and training among the Member States and report to WG Chair C.1.1 Develop and deliver training and education events as required C.1.2 Investigate the possibilities to arrange an IHO INSPIRE Workshop with EC-JRC	IHB IHB JP
		C2. Establish a MSDI training syllabus for use across IHO community aimed at: Senior Managers (i.e. Directors, Hydrographers, HR Managers); Practitioners (i.e. Hydrographic Surveyors, Cartographers, Oceanographers, IT specialists) Elaborate a MSDIWG Capacity Building Plan and prepare the inputs from MSDIWG to the CBSC.	IHB
Closing	1700	**Closing of day one of the meeting**	

Day Two: Thursday 5 March 2015

Theme	Time	Subject	Responsible
Welcome	0900 - 0910	**Welcome and summing up from day one.**	Chair
Task A and B	0910 - 1020	**10. General presentation of Task A and B.** **Status, challenges way ahead on activities and actions**	
Task A Identify and promote national and regional best practices: - for land-sea integration - for cross-border integration		A. To consider the impact of the UN- GGIM initiative, taking into account the items identified in paragraph 11 of HSSC5-05.7B	
		A.1 Create relevant use cases, from potential users of MSDI	
		A.2 Set up a survey to establish current position in respect of benefits and challenges faced by MS's role in NSDI and/or MSDI	
		A.3 Monitor and report on national, regional and international MSDI activities and report to enable increased visibility of hydrographic importance	IHB
Task B Review the appropriateness of existing standards for the provision of the maritime components of spatial data infrastructures		B.1 Liaise with TSMAD regarding level of S-100 understanding and use in support of SDI activities (e.g. INSPIRE)	Vice chair
Break	**1020 - 1035**	Members to decide on their participation in sub groups A or B.	
Task A and B **Group work**	1035 - 1230	**Sub group A:**	
		Sub group B:	
Lunch	**1230 - 1315**		

Task D, E and G	1315 - 1500	**11. General presentation of Task D, E and G.** **Status, challenges way ahead on activities and actions**	
Task D Maintain MSDI reference documentation on the IHO website		D.1.1 Prepare a proposal to MSDIWG on re-structuring the MSDIWG page on the IHO website. D.1.2 Request relevant MSDI information from IHO Member States. D.1.3 Collect education information relating to MSDI, in coordination with sub-group C	IHB IHB IHB
Task E Maintain and extend Publication IHO MSDI C-17 (IHO Task 2.9.2 refers)		E. Maintain and extend Publication IHO MSDI C-17 (IHO Task 2.9.2 refers)	
E.1. Conduct a review of MSDI that includes conceptual descriptions of the four sub-areas of MSDI as		E.1.1 Technical issues E.1.2 Governance E.1.3 Standards and specifications E.1.4 Content (data)	
E.2. Monitor technical developments in relation to MSDI		E.2.1. Review GGIM and OGC Oil Spill Results for relevance to C-17 E.2.2 Chair to request WG Members to notify twice yearly about developments that have occurred or are coming that may affect MSDI and/or C-17	
E.3. Determine hydrographic data set(s) that should be included in MSDI		E.3.1 Prepare MS survey questionnaire based on WG responses (Top 10 list), requesting MS to prioritize and add any new ones	IHB
Task G Ensure that MSDI is a standing agenda item for RHCs' meetings		Review the "Instructions for the Submission of Reports and Proposals for Consideration by IRCC and its subordinated bodies" and propose amendments if appropriate.	IHB

G1. Provide position paper to IRCC 2014 on MSDI and its importance to IHO		G.1.1. First draft for circulation G.1.2 Include comments and prepare final version G.1.3 Present to IRCC7 on the value and benefit to be derived by HO from MSDI G.1.4 Provide a discussion paper on the role of HO's in the provision of e-navigation services	
G2. Coordinate and collate all MSDI inputs and actions from RHC's to MSDIWG		G.2.1. MSDIWG to appoint a coordinator to collate MSDI status reports from RHC's G.2.2. Coordinator to ensure status reports feed into MSDIWG review of current practise	
Break	**1500 - 1515**	Members to decide on their participation in sub groups D, E or G	
Group work	1515 - 1700	**Sub group D:** *Maintain MSDI reference documentation on the IHO website*	All/IHB
		Sub group E: *Maintain and extend Publication IHO MSDI C-17*	All
		Sub group G: *Ensure that MSDI is a standing agenda item for RHCs' meetings*	All
Closing	1700	**Closing of day two of the meeting**	

Draft Agenda
MSDIWG-6 meeting

Day Three: Friday 6 March 2015

Theme	Time	Subject	Responsible
Welcome	0900 - 0920	**Welcome, and summing up**	Chair
Status	0920 - 1020	**12. Feedback from Sub groups and discussion.**	All
Break	**1020 - 1035**		
Discussion	1035 - 1230	**12. Feedback from Sub groups and discussion (continued).**	All
		13. Input to action list. *Docs: MSDIWG6-13 Summary of Actions*	
Lunch	**1230 - 1315**		
Status and how to proceed	1315 - 1500	**14 Items from the work plan not covered by Sub groups**	All
		15 Updating the MSDIWG work plan and action list *Docs: MSDIWG6-13 Summary of Actions* *Docs: MSDIWG6-15 MSDIWG work plan*	All
		16 Any other business	All
Break	**1500 - 1515**		
Next meeting	1515 - 1555	**17 Content of next MSDIWG6 meeting** **Establishing regular teleconferences**	All
		18 Place and time for the next MSDI open forum meeting and MSDIWG-7 meeting?	All
		Evaluation of the 4 last days	All
Closing	1600	**Closing of the meeting**	Chair

OPEN FORUM
BUILDING A MARITIME SPATIAL DATA INFRASTRUCTURE -
"ARE THE PRINCIPLES AT ODDS WITH STRATEGIES FOR DELIVERY?"
Tuesday 3rd March 2015
Draft Programme

0830   Registration & Coffee

SESSION 1   MSDI and Hydrography

0900   e-Navigation & MSDI - The role of IHO, IMO and Developers: (speaker tbc)

0925   MSDIWG - Vision and Deliverables to the IHO: Jens Peter Hartmann (MSDIWG Chair)

SESSION 2   Geospatial Data Developments in UK

0950   UK Public Data Policy: (speaker tbc)

1010   Open Data - The Economic Stimulus: Andrew Coote (Consulting Where, UK)

1030   From Open towards Linking Marine Data? David Morris (Cefas, UK)

1050   Q&A

1110-1130   Tea & Coffee

SESSION 3   Geospatial Information Developments in Europe and Beyond

1130   INSPIRE: Developing the "Marine Pilot" project: Hugo de Groof (Chief Scientist, EC-JRC, Italy)

1150   Obtaining Value from Open Data Standards: Peter Parslow (Ordnance Survey, Great Britain)

1210   Vertical Datum to Support Future Navigation and Offshore Commerce: Jon Iliffe (University College London-UK)

1230   GI Developments beyond Europe: Rafael Ponce (Esri Inc.)

1250   Q&A

1300-1400   Lunch

SESSION 4   SDI Case Studies

1400   MEDIN – The Hub for UK Marine Data: Clare Postlewaite (MEDIN Programme Manager -UK)

1420   MSDI Developments in Germany: Johannes Melles (BSH)

1440   Delivering a Marine Information Infrastructure for Peel Ports Group: Mike Osborne (OceanWise)

1500   GeoNorge – the National Hub for Sharing Data in Norway: Gerhard Heggebø (NHS)

1520-1535   Tea &Coffee

1535   MSDI in the Baltic; Jens Peter Hartmann (DGA)

1555   SDI - Future Defence Capability: Brian Parish (Joint GEOINT- UK)

1615   SDI in Canada: Dr. Kian Fadaie (Director of Hydrography- Canadian Hydrographic Service)

1635   Q&A

SESSION 5   Open Discussion

1650   "What are the Benefits of MSDI and are we willing, able and ready to contribute?"
         Facilitator: Joep Crompvoets (University of Leuven, Netherlands)

1730   Summary of the Day and Close

Objectives
This Open Forum will discuss MSDI and Marine Spatial Planning (MSP) to enable attendees to:
• Gain an understanding of recent Geospatial Data Developments across the World
• Gain a greater understanding of how SDI and MSDI initiatives are developing
• Learn from Case Studies providing examples of data management, sharing and publishing "best practice"
• Participate in debate and discussion to better enable the Hydrographic community to actively participate in MSDI

Marine Spatial Data Infrastructures Working Group (MSDIWG)
6th Meeting (MSDIWG6), 4-6 March 2015
MSDI Open Forum, 3 March 2015
London, UK

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 (adcc@iho.int) at your earliest opportunity by 26th January 2015]

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

Member State / Organization

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 London, UK	Airport	
	Date	
	Flight Number	
	Airline	
	Arrival Time	

Your Departure from London, UK	Airport	
	Date	
	Flight Number	
	Airline	
	Departure Time	

3. Hotel Information (only required IF you are not staying at Holiday Inn Express Heathrow Terminal 5)

Selected Hotel

Comments
Date