

Agenda (draft)

**4th Meeting of the Nautical Information Provision Working Group (NIPWG)
In conjunction with the visualisation of nautical information workshop
22–26 May 2017, Durham (New Hampshire), USA**

No.	Agenda Item	Lead	Time	Docs
Monday, 22 May Forenoon (Visualisation Workshop)				
1.	Opening and administrative arrangements	JS-F	9 am	
	Opening address on behalf of the UNH			
2.	Adoption of the Agenda	JS-F		4-2
	Interaction of HSSC/IRCC ProdSpec			
W1	Introduction to the workshop and Demos	BS	9:20 am	
W2	Demo Outline			
S-122 MPA	Anthropocene Institute: test-bed for MPA display	VZ	9:25 am	
S-126 (phys. env), mariner services, routing guide, harbour infrastructure	NO: 1. Web-based presentation of Norwegian Pilot information	AP	09:45 am	WP2-3
	2. Web-based NPUB provision and (Cyber) Security			
	UNH: iCPilot	BS	10:00 am	
S-124 Nav Warnings	Canada: Nav Warning system of the future	EM	10:15 am	WP2-5
	<i>BREAK</i>		10:45 am	
NTM Viewers (S-1xx)	KHOA - Service for Safety navigation	IP	11:00 am	
	DK: „Nautical information provision in the digital Danish Port and Bridge Information System (www.danskehavendolds.dk)”	PA	11:20 am	
	UNH - ChUM - Chart Updates Mashup	BS	11:40 am	
	(JHOD) - NTM and NAVAREA viewer	KN	12:00 pm	
Multiple products viewed together	BaRoView (KHOA) multiple datasets in 3D	IP	12:20 pm	
	<i>LUNCH – Holloway Commons Meal Hall UNH MUB</i>		12:40 pm	
Monday, 22 May Afternoon (Visualisation Workshop)				
W3	S-111/S-112 current/tide data examples/discussion	BS	1:30 pm	

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	S-412 weather data examples/discussion	JP	1:45 pm	
	US eMSI group needs/concerns discussion	BT	2:15 pm	
	<i>BREAK – Group Pictures</i>		3pm	
	Open Discussion on following topics <ul style="list-style-type: none"> • description of use cases of the data, • what is needed? (by HOs) • what users want to see (by OEM) 	JS-F	3:20 pm	
User requirements	<ul style="list-style-type: none"> • <i>END OF DAY 1</i> 		5 pm	

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No.	Agenda Item	Lead	Time	Docs
	Tuesday, 23 May Forenoon (Visualisation Workshop)			
W4	Production systems: Examples and Questionnaire Results	JS-F	9 am	
	US Coast Pilot system	TL	9:15 am	
	US Production system	TL	9:45 am	
	BSH Publication system	JS-F	10:15 am	
	Data provision (level of granularity pro/cons)	JS-F	10:30 am	
	<i>BREAK tour of the Data Visualization Research Lab</i>		10:45 am	
	Organized Discussion on HO's current systems <ul style="list-style-type: none"> • Similarities <ul style="list-style-type: none"> ○ Where are there similarities between the HO's production systems? ○ Similarities between the current NIPWG data models and HO's data. 	JS-F/ BS	11:00 am	
	<ul style="list-style-type: none"> • Needs <ul style="list-style-type: none"> ○ What are the specific data elements requested by HOs which must be provided to the mariner? ○ Identification of gaps between the outline and the request of HOs 	JS-F	11:40 am	
	<i>LUNCH – Memorial Union Building Dining Hall</i>		12:20 pm	
	Tuesday, 23 May Afternoon (Visualisation Workshop)			
	<ul style="list-style-type: none"> • Execution <ul style="list-style-type: none"> ○ How do HO's make it happen? <i>how to get from the current format(s) to a S-100 conformant structure</i> ○ How do the attributes and features discussed in the meetings tie into the final product that is expected from the product specifications developed? 	JS-F	1:30 pm	WP4-3 Annex A Annex B Annex C
W5	Brainstorming <ul style="list-style-type: none"> • Visual outputs in ECDIS, Discussion of graphical solutions and open topics left from previous sessions 	JS-F	2:10 pm	
	<i>END OF DAY 2</i>		4:00 pm	
	Evening Excursion UNH facilities (survey/research boat) and Group Dinner (attendee's expense and shared transport costs)			
	<i>END OF DAY 2</i>		8:00 pm	

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No.	Agenda Item	Lead	Time	Docs
	Wednesday, 24 May Forenoon (Visualisation Workshop)			
	Summary of the lessons learned from M-T	JS-F	9 am	
W6	Technical Workshop Objective: each HO leaves with their MPA data mapped to current S-122 data structure. <ul style="list-style-type: none"> Introduce the NIPWG Wiki site Introduce the IHO registry Show how NIPWG Wiki and IHO registry work together 	JS-F/ BS	9:20 am	
	<i>BREAK</i>		10:20 am	
	<ul style="list-style-type: none"> Walk through the S-122 XSD file to create S-122 GML (product) open discussion about the mappings and questions about the data structure, verify that all needs are met 	BS/ VZ	10:35 am	WP6-2
W7	Review of the Workshop results <ul style="list-style-type: none"> Results achieved Items which have not been discussed 	JS-F	11:35 am	
	<i>END OF WORKSHOP</i>			
	<i>LUNCH – Thai Smile</i>		12:30 pm	

	Wednesday, 24 May Afternoon (NIPWG general issues)		
3.	Minutes of NIPWG3	TL	4-3
3.1	Amendments to the minutes	TL	
3.2	Review of Action Items from NIPWG3	TL	
4	NIPWG status of work (overview)	JS-F	4-4
6	S-100 related information		
6.1	Outcome of the S-100WG meeting	Mrs. JP	4-6.1
8	M-3		
8.1	Outcome of the impact paper	JS-F	4-8.1
8.2	Discussion on the paper	JS-F	

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No.	Agenda Item	Lead	Documents
	Thursday, 25 May Forenoon (NIPWG ProdSpecs)		
11	Marine Protected Area Product Specification (S-122)		
11.1	Presentation of the Product Specification (contracted)	EM+ RM	4-11.1+12.1 Annex A Annex B
11.2	Discussion on the paper	JS-F	
12	ProdSpec Radio Services (S-123)		
12.1	Presentation of the Product Specification (contracted)	EM+ RM	4-11.1+12.1 Annex A Annex B
12.2	Discussion on the paper	JS-F	
13	Interoperability of S-100 based Product Specifications		
13.1	Update on the development status	Mrs. JP	4-13.1
13.2	Discussion on the paper	JS-F	
	Thursday, 25 May Afternoon (NIPWG ProdSpecs)		
14	ProdSpec Navigational Services (S-125)		
14.1	Feedback of the S-101SubWG and IALA ENAV Committee on addresses data model gaps	SE	4-14.1
14.2	Feedback of the S-100WG on Marine Resource Name request	Mrs. JP	4-14.2
14.3	Discussion on the paper	JS-F	
15	ProdSpec Physical Environment (S-126)		
15.1	Status report for HSSC9, added values of S-126 items	WdT	4-15.1 Annex A
15.2	Discussion on the paper	JS-F	
17	ProdSpec Traffic Management (S-127)		
17.1	Addition of UKC information	MK	4-17.1 Annex A Annex B Presentation

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17.2	Result of the Application Schema (UML) development	MK+ SE+ JS-F	4-17.2
17.3	Discussion on the paper	JS-F	
19	ProdSpec Catalogue of Nautical Products (S-128)		
19.1	Presentation of the work status	IP	4-19.1
19.2	Discussion on the paper	JS-F	

No.	Agenda Item	Lead	Documents
	Friday, 25 May Forenoon (NIPWG e-nav)		
41	MSC/ NCSR		
41.1	Presentation of the results related to NIPWG work	JS-F	4-41.1
41.2	Discussion of what is relevant for NIPWG work	JS-F	
43	IMO's e-Navigation Maritime Service Portfolio Discussion		
43.1	Presentation of the status	JS-F	4-43.1
43.2	Discussion of the development coordination	JS-F	
45	IMO's e-Navigation strategy		
45.1	Summary of the recent IALA eNAV meeting(s)	JE	4-45.1
45.2	Status of the e-Navigation services (MSPs) developments	JE	4-45.2
45.3	Tentative Overview on the IMO's Maritime Service Portfolio Program	JS-F	4-45.3 Annex
45.4	Discussion of the potential NIPWG contributions	J S-F	
	Friday, 25 May Afternoon (NIPWG general issues)		
50	ToR review	MK; J S-F	See NIPWG website
53	Work plan for the NIPWG (status of HSSC8 action items)	JS-F	See NIPWG and HSSC websites

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55	Election of the new office bearer		
55.1	Nominees and election procedure	JS-F	4-55.1
57	Any other business		
57.1	Review of IHO NIPWG website (Miscellaneous / Divers table)	JS-F	4-57.1
57.2	Review of the IHMA Port Call Standards	ML	4.57.2 Annex
59	Dates and places of next meeting(s)	JS-F	
	NIPWG 5 March/April 2018 Italy/Genova NIPWG 6 January 2019 Germany/Rostock NIPWG 7 November 2019 Russian Federation/ Vladivostok or St. Petersburg NIPWG 8 September 2020 France/Brest (tbc)		

AP	Anniken Puntervold (NO/ NHS)
BS	Briana Sullivan (U.S./ UNH)
BT	Brian Tetreault (U.S./ USACE)
EM	Eivind Mong (Portolan Sciences)
IP	Inyoung Park(KHOA/ ROK)
JE	Jon Leon Ervik, (NO, IALA rep)
Mr. JP	Joe Phillips (U.S./ NOAA)
Mrs. JP	Julia Powell (U.S./NOAA)
JS-F	Jens Schröder-Fürstenberg (GE)
KN	Kenji Naito (JP)
MK	Mike Kushla (U.S./ NGA)
ML	Malin Liljenborg (SE)
PA	Pelle Aagaard (DK)
RM	Raphael Malyankar (Portolan Sciences)
SE	Stefan Engström (FI)
TL	Thomas Loeper (U.S./ NOAA)
VZ	Virgil Zetterlind (U.S./ Anthropocene Institute)
WdT	Wilfred den Toom (NL)
YG	Yves Guillam (IHB)

Work sessions:

Monday	Tuesday	Wednesday	Thursday	Friday
0900–1030	0900–1030	0900–1030	0900–1030	0900–1030
1045–1240	1045–1220	1045–1200	1045–1200	1045–1200*
1340–1500	1330–1500	1330–1500	1330–1500	1330–1500*
1515–1700	1515–1600	1515–1800	1515–1800	

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* It has been proposed to continue the forenoon session without lunch break and close the meeting earlier.

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