

## Agenda (draft)

### 5<sup>th</sup> Meeting of the Nautical Information Provision Working Group (NIPWG) 12–16 March 2018, Genova, Italy

<b>Monday, 12 March Forenoon</b>			
1	Opening and administrative arrangements	JS-F	
	Opening address on behalf of the Italian HO	LS	
2	Agenda		
	Adoption of the Agenda	JS-F	5-2
3	Minutes of NIPWG4	TL	5-3
3.1	Amendments to the minutes	TL	
3.2	Review of Action Items from NIPWG4	TL	
4	NIPWG status of work (overview)	JS-F	5-4
6	S-100 related information		
6.1	Outcome of the S-100WG TSM meetings	JS-F	5-6
7	Council and HSSC related information		
7.1	Overview of Council and HSSC decisions affecting NIPWG	YG	verbal
5	EAHC e-MIO project update/ e-nav project EfficienSea 2/ SMART Project update		
5.1	Results of the recent e-MIO developments	IP	5-5.1
5.2	Information on the outcome of the EfficienSea 2 project	ML	5-5.2
5.3	Information on SMART project progress	HC	5-5.3
<b>Monday, 12 March Afternoon</b>			
8	Proposal of M-3 and S-49 amendments		
8.1	Submission on 7/2009 (time reference)	SE	5-8.1
8.2	Submission on 5/1937 (numbering of types of station)	EH	5-8.2
8.3	Submission on 9/1932, 4/1982, 4/1937, 9/1962 (diverse)	JS-F	5-8.3

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8.4	Submission on 2/2007 (Principles and Procedures for Making Changes to IHO Technical Standards and Specifications)	JS-F	5-8.4
8.5	Outcome of investigations on the presentation of NtM related information	DL	5-8.5 Comment matrix chart
8.6	Provision of Under Keel Clearance information (draft discussion paper for UKCMPT consideration)	MK	5-8.6 5-8.6 Annex 5-8.6 pptx
8.7	Provision of Under Keel Clearance information in S-49 (draft discussion paper for UKCMPT consideration)	MK	5-8.7 5-8.7 pptx
9	(S-122) MPA and (S-123) Radio Services		
9.1	Status of Registry entries	BS	verbal
9.2	Outcome of Impact Survey	JS-F	5-9.2
9.3	Maintenance procedure	JS-F	verbal
	Minutes of Day1		
	<i>END OF DAY 1 (ICEBREAKER)</i>		

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<b>Tuesday, 13 March Forenoon</b>			
10	(S-128) Catalogue of Nautical Products		
10.1	Presentation of the work status	IP	5-10.1
10.2	Discussion on the paper	JS-F	
11	(S-127)Traffic Management		
11.1	Presentation of the development status (contracted)	EM+ RM	5-11.1 5-11.1 DCEG draft 5-11.1 Feature type diagram 5-11.1 Application schema draft
11.2	Discussion on the paper and outstanding issues (e.g. portrayal)	JS-F	
13	(S-125) Navigational Services		
13.1	Status of work and gap discussion	SE	5-13.1
<b>Tuesday, 13 March Afternoon</b>			
15	Lesson learned from insufficient ECDIS use		
15.1	Grounding of "Munos"	MK	5-15.1 5-15.1 Annex 5-15.1 ppt
	Minutes of Day2		
	(S-125 )Navigational Services) cont.		
13.2	Practical experience with an Italian AtoN	CM	
	<i>END OF DAY 2</i>		

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	<b>Wednesday, 14 March Forenoon (Data work)</b>		
21	IHO Registry		
21.1	Status of the IHO Registry and intended revision	JW	5-21.1
21.2	Outcome of the S-126 vs. S-101/411/412 comparison	WdT	5-21.2
21.3	"A New Approach for Extension of S-126 Physical Environment including Marine Forecast"	KH	5-21.3
20	S-122, S-123 and-126 discussions (cont. for the latter)		
20.1	S-126 status and further data model development discussions	BS	5-20.1
	<b>Wednesday, 14 March Afternoon (Data work cont)</b>		
	S-122, S-123 and-126 discussions (cont. for the latter) cont.		
	S-123 practical NL GML presentation and discussion	BS	
	S-122 practical showcase with Anthropocene data distribution	VZ	
22	Cooperation with S-124		
22.1	Overview of Canadian Nav Warning System (session starts 15:45 CET)	SL	5-22.1
22.2	S-124 Correspondence Group report	EM	5-22.2
	Minutes of Day3		
	<i>END OF DAY 3</i>		

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No.	Agenda Item	Lead	Documents
	<b>Thursday, 15 March Forenoon (NIPWG ProdSpecs, IMO)</b>		
43	Harmonisation of NtM XML Structure		
43.1	Reports on different HO's approaches	all	5-43.1
43.2	Discussion of potential benefits and way forward	JS-F DL	
44	Provision of georeferenced nautical information		
44.2	Benefits from VONI	AP	
45	MSC98/ NCSR5		
45.1	Presentation of the results related to NIPWG work	JS-F	5-45.1
45.2	Discussion of what is relevant for NIPWG work	JS-F	
46	IMO's e-Navigation		
46.4	MARVELOWS project, introduction	CM	5-46.4
	<b>Thursday, 15 March Afternoon (IMO/NIPWG ProdSpecs)</b>		
46.1	Outcome of 1 <sup>st</sup> HGDM meeting	JS-F	5-46.1
46.2	Summary of the recent IALA eNAV meeting(s)	JE	5-46.2
46.3	Report on e-navigation underway conference	EH	5-46.3
	Discussion of the development coordination		
47	Submissions to IALA Conference		
47.1	Data sharing between ATON authorities and HO's in the S-201 world	DL	5-47.1
47.2	Provision of Nautical Publication Information in an S-100 Based ECDIS	JS-F	5-47.2 Annex
47.3	Discussion of the papers	JS-F	
48	Delivery of S-100 based products		
48.1	Introduction of the developed approach	JS-F	5-48.1 Annex
48.2	Discussion of possible advice to IHO on how to deliver "Maritime Services"	JS-F	verbal

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49	Think tank		
49.1	Mid-term and long-term goal of NIPWG strategic discussion	TL	5-49.1
49.2	Vision beyond the 10 year horizon (e. g. Autonomous ships)		5-49.2
49.3	Going toward information presentation on an S-100 environment		5-49.3
	Minutes of Day4		
	<i>END OF DAY 4</i>		

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Friday, 15 March Forenoon (			
50	ToR review	MK; JS-F	See NIPWG website
53	Work plan for the NIPWG (status of HSSC9 action items)	JS-F	
53.1	Prioritising of NIPWG work plan items (top three)	JS-F	verbal
53.2	Provision of the common TWCWG/NIPWG paper ( refers to HSSC9/26)	JS-F	verbal
57	Any other business		
57.1	????????????????????		
57.2	????????????????????		
	Review of Minutes	TL	
59	Dates and places of next meeting(s)	JS-F	
	NIPWG6 14 – 18 January 2019 Germany/Rostock NIPWG7 25 – 29 November 2019 Russian Federation/ St. Petersburg or India ( <b>invitation expected</b> )  NIPWG 8 September 2020 France/Brest (tbc) NIPWG 9 ?????????????????????????????????????????		

## Table of names

AP	Anniken Puntervold (NO/ NHS)
BS	Briana Sullivan (U.S./ UNH)
CM	Carlo Marchi (IT)
DL	Dave Lewald (U.S./ Coast Guard)
EH	Edward Hosken (UK)
EM	Eivind Mong (U.S./ Portolan Sciences, CA/ Coast Guard)
HC	HyunSoo Choi (KRISO/ ROK)
IP	Inyoung Park(KHOA/ ROK)
JE	Jon Leon Ervik, (NO/ IALA rep)
JS-F	Jens Schröder-Fürstenberg (GE)
JW	Jeff Wootton (IHO Secretariat)
KH	Kwangnam Han (KHOA/ROK)

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LS	Luigi Sinapi (IT)
MK	Mike Kushla (U.S./ NGA)
ML	Malin Liljenborg (SE)
RM	Raphael Malyankar (U.S./ Portolan Sciences)
SE	Stefan Engström (FI)
SL	Stéphane Lessard (CA)
TL	Thomas Loeper (U.S./ NOAA)
WdT	Wilfred den Toom (NL)
YG	Yves Guillam (IHO Secretariat)

#### Table of Acronyms

EAHC	East Asia Hydrographic Commission
e-MIO	electronic-Marine Information Overlay
HSSC	Hydrographic Services and Standards Committee
M-3	Resolutions of the International Hydrographic Organization
S-49	Standardization of Mariners' Routeing Guides
TSM	Test Strategy Working Group Meeting
UKCMPT	Under Keel Clearance Management Project Team

#### Work sessions:

Monday	Tuesday	Wednesday	Thursday	Friday
0900–1030	0900–1030	0900–1030	0900–1030	0900–1030
1100–1230	1100–1230	1100–1230	1100–1230	1045–1200*
1400–1530	1400–1530	14 <del>30</del> –1530	1400–1530	
1600–1700	1600–1800	15 <del>45</del> –1700	1600–1700	

\* It has been proposed to continue the forenoon session without lunch break and close the meeting around noon

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