NIPWG WORK PLAN 2016-17 (approved by HSSC7)

Tasks

D	Maintain Publication S-12 "Standardization of List of Lights and Fog Signals" (IHO Task 2.6.3.2)
E	Maintain Publication S-49 "Recommendations concerning Mariners' Routeing Guides" (IHO Task 2.6.3.3)
F	Establish and monitor, in liaison with the S-100WG, the project teams required to specify and develop nautical information layers for use in ECDIS (IHO Task 2.6.2)
G	Develop high level specifications for a combined Marine Service Portfolio (MSP) covering the provision of hydrographic services to mariners in accordance with the IMO e-navigation strategy implementation plan
H	Develop a test and implementation plan for the development of the MSP "hydrographic services"
I	Maintain IHO Resolutions in M-3 relating to Nautical Publications as required (IHO Task 2.6.3.1)
J	Liaise with other HSSC WGs and other IHO and international bodies
K	Conduct the 2016 and 2017 meetings of the NIPWG and its sub-group(s) and project team(s) (IHO Task 2.6.1)

Work items

Work item	Title	Priority H-high M-medium L-low	Next Milestone	Start Date	End Date	Status P-Planned O-Ongoing C-Completed S-superseded	Contact Person(s)	Related Pubs / Standard	Remarks
D.1	Monitor and assess proposals for amending S-12	M	Next NIPWG meeting	2014	Permanent	O		S-12	In close liaison with IALA; see J.4
F.1	Assess the progress and perspectives of developing specifications for NP data layers in ECDIS and propose the way forward for consideration by HSSC	H	Next HSSC meeting	2015	Permanent	P			To be considered in the context of the IMO e-navigation strategy implementation. NIPWG to consider establishing one or more project team(s) in liaison with S-100WG as required (see J.2), in particular to continue the development of Product Specifications currently assigned to the NIPWG.
F.2	Investigate the interaction between Marine Protected Area Product and ENC in ECDIS	M	Draft Product Specification for Marine Protected Areas (S-122) released in 2016	2015	Permanent	O	Chair/Sec		In close liaison with the S-100 WG
F.3	Model the NP data where required.	H	Next meeting	2004	Permanent	O	Chair/Sec		S-100 related. To be included in NPUBS domain of the FCD Register
F.4	Review of objects and attributes	H	Next meeting	2004	Permanent	O	Chair/Sec		S-100 related.

F.5	Propose amendments to HYDRO domain of the FCD Register	H		2005	Permanent	O	Chair/Sec		S-100 related. To be included in the FCD register
F.6	Propose amendments to AtoN domain of the FCD Register	H	Next meeting	2014	2017	O	Chair/Sec	S-125	To improve the current definitions and attribute values at the FCD register
F.7	Populate the NPUBS domain of the FCD Register	H		2006	Permanent	O	Chair/Sec		S-100 related. Awaiting Registry improvements
F.8.1	Develop S-12n - Nautical Information Product Specification								Liaise with WWNWS-Sub committee
F.8.1.1	For Radio Services	H		2012		O	Chair/Sec	S-123	
F.8.1.2	For Navigational services	H		2013		O	Chair/Sec	S-125	
F.8.1.3	For Traffic management	H		2013		O	Chair/Sec	S-127	
F.8.1.3.1	For Marine Protected Areas	H		2011	2018	O	Chair/Sec	S-122	Awaiting completion Feature Catalogue Builder, data model harmonization between S-101 and S-122, portrayal and quality parts
F.8.1.4	For Physical environment	H	12/2014	2013	2016	O	Chair/Sec	S-126	

G.1	Monitor the requirements for and provision of nautical information in e-navigation test-beds Produce NP1 sample data sets	M							According to the tasks assigned by HSSC4. Collection of information to be modelled
G.1.1	For Radio Services	H		2012	2016	C	Chair/Sec	S-123	
G.1.2	For Navigational services	H		2012	2017	O	Chair/Sec	S-125	
G.1.3	For Traffic management	H		2012	2016	C	Chair/Sec	S-127	
G.1.4	For Physical environment	H		2013	2016	C	Chair/Sec	S-126	
G.2	Set up a test bed ECDIS	M		-	-	P	Chair/Sec		To be considered in liaison with S-100WG
G.3	Rules and guidelines for displaying nautical information in ECDIS and in combined Marine Service Portfolios								
G.3.1	Develop basic display rules for NP data intended for use in ECDIS (NP3)	M		2008	2016*	O	Chair/Sec	S-52	Close co-operation with NCWG and S-100WG required *end date depends on NCWG schedule

G.3.2	Develop guidelines showing how navigation information received by communications equipment can be displayed in a harmonized way and what equipment functionality is necessary.	M			2015	2019	P		S-52	e-nav IMO Strategy Implementation Plan, Task T13 (HSSC6-07.1A refers)
G.4	Initiate consideration of the architecture of the MSP "hydrographic services"	M			2013		O	Chair NIPWG		To be considered in the context of the IMO e-navigation strategy implementation plan e-nav IMO Strategy Implementation Plan, Task T17 (HSSC6-07.1A refers).
G.5	Contribute to considering the future of paper charts in the perspective of the establishment of MSPs	M			2014					Subject to request from NCWG
I.1	Maintain and extend resolutions in M-3 relating to Nautical Publications	M		Next meeting	2012	Permanent	O	Chair/Sec NIPWG	M-3	A review is scheduled due to harmonization of M3 information and potential ProdSpecs content
J.0	Liaise with the NCWG					Permanent	O	Chair/Sec NIPWG		Establish joint project teams as required
J.1	Liaise with the ENCWG	H				Permanent	O	Chair/Sec NIPWG		
J.2	Liaise with the S-100WG	H				Permanent	O	Chair/Sec NIPWG		Establish joint project teams as required

J.2.1	Draft Data Classification and Encoding Guides								Document for NPs similar to Use of the Object Catalogue
J.2.1.1	For Marine Protected Areas	H	Next meeting	2011	2016	O	Chair/Sec	S-122	To be harmonized with S-101 DCEG
J.2.1.2	For Radio Services	M		2015		P	Chair/Sec	S-123	Depends on modelling progress
J.2.3	Draft Product Specification								
J.2.3.1	For Radio Services	H		2014		O	Chair/Sec	S-123	
J.2.3.2	For Navigational services	H		-		P	Chair/Sec	S-125	
J.2.3.3	For Traffic management	H		2011		O	Chair/Sec	S-127	The start date is in-line with the MPA ProdSpec development
J.2.3.4	For Marine Protected Areas	H	Next meeting	2011	2017	O	Chair/Sec	S-122	
J.2.3.5	For Physical environment	H		-	-	P	Chair/Sec	S-126	
J.2.3.6	For Digital Catalogue of Nautical Publications	H		2016	2018	P	Chair/Sec	S-128	
J.3	Liaise with other HSSC WG	H		2004	Permanent	O	Chair/Sec NIPWG		Including DPSWG, DQWG, TWCWG, etc.
J.4	Liaise with IALA e-Nav Committee	H		2013	Permanent	O	Chair/Sec NIPWG		As advised by HSSC4 (in liaison with S-100WG).
J.5	Liaise with other international bodies which contributes to nautical information	H		2015	Permanent	O	Chair/Sec NIPWG		

J.5.1	International Harbour Masters' Association	H		2015	Permanent	O	Chair/Sec NIPWG		Considering AVANTI development

Meetings (Task K)

Date	Location	Activity
29 June – 3 July 2015	IHB, Monaco	NIPWG-1
21-24 March 2016	IHB, Monaco	NIPWG-2
Dec. 2016	Busan, Republic of Korea (tbc)	NIPWG-3

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