

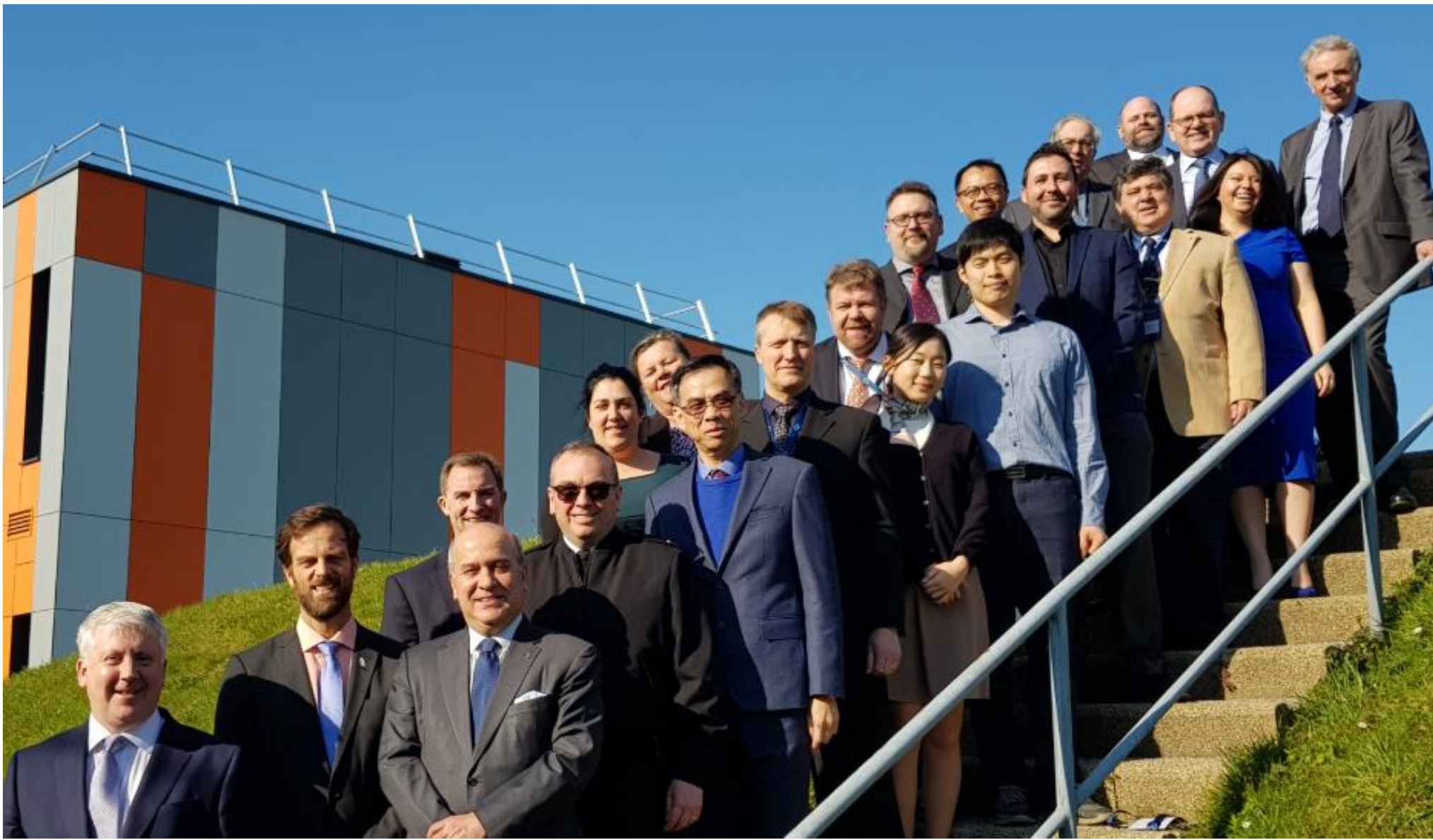


TRAFICOM
Finnish Transport and Communications Agency



BSHC 24

WENDWG report



WENDWG9 26-28 February 2019 (Brest, France)

WENDWG9 – key aspects

- ▶ ENC Coverage and Overlapping
- ▶ IHO ENC catalogue
- ▶ RENC harmonisation and distribution
- ▶ The Full Implementation of the WEND Principles
- ▶ Impact of New TORs & C2 Actions (Workshop Sessions)
- ▶ Review and Update of the WENDWG Work Programme

RCH overlap reports

RHC	"Live Overlaps" - Overall Severity of Risk				TOTAL
	LOW	MEDIUM	HIGH	UNASSESSED	
ARHC/EAHC	3				3
BSHC	6				6
EAHC	46	34			80
EAHC	2				2
HCA	1				1
MACHC	1				1
MBSHC	80	24			104
NIOHC	3	1			4
NSHC	14				14
RSAHC	5	17			22
SAIHC	1	2			3
USCHC	3				3
RSAHC/NIOHC	4	1			5
SAIHC/HCA	1				1
SWPHC/HCA	3				3
SWAtHC	3				3
BSHC/NHC	2				2
EAHC/SWPHC	4				4
Total	182	79	0	0	261

The WENDWG agreed that the one-year "clock" should start once the overlapping issues, starting with potential "highest" risk cases, have been reported to the ENC Producers

RHC	Report sent	RHC	Report sent
US/Canada	06/07/2018	East Asia	05/09/2018
North Sea	26/01/2018	Mediterranean & Black Sea	11/09/2018
MACHC	10/04/2018	MACHC	09/10/2018
MACHC	06/07/2018	MACHC	15/11/2018
S. Africa & Islands	26/07/2018	South West Pacific	05/02/2019
Baltic Sea	26/07/2018	ROPME Sea Area	12/02/2019
Arctic	20/08/2018		

IC-ENC for the overlaps in the Baltic Sea -September 2019

IC-ENC REGIONAL HYDROGRAPHIC															
ID	STATUS	RENC Membership	RHC	ENC 1	ENC 2	Usage Band	ENC 1 Scale	ENC 2 Scale	ENC 1 Version EE (UU)	ENC 2 Version EE (UU)	Overlap extent (Kmxkm) (m/square NM)	Content difference	Geog. Location	Shipping density	Size
8	LIVE	IC-ENC - PRIMAR	BSHC	DK3BORNH	PL3MP153	3	90 000	90 000	40 (0)	7 (52)	130+m at the widest part	LOW	MEDIUM	HIGH	LOW
590	LIVE	IC-ENC - PRIMAR	BSHC	PL2MP500	DE216000	2	180000	180000	9 (35)	1 (40)		LOW	MEDIUM	HIGH	LOW
591	LIVE	IC-ENC - PRIMAR	BSHC	PL3B3000	DE316004	3	90000	90000	5 (45)	11 (24)		LOW	MEDIUM	HIGH	LOW
578	ACCEPT	IC-ENC	BSHC	DK2BORNH	DE216000	2	180000	180000	39 (0)	1 (40)		LOW	MEDIUM	HIGH	LOW
450	ACCEPT	IC-ENC - PRIMAR	BSHC/NHC	DK2BORNH	SE2BHS1S	2	180000	180000	39 (0)	61 (2)	65mx650m	LOW	MEDIUM	LOW	LOW
114	ACCEPT	IC-ENC - PRIMAR	BSHC/NHC	DK2KATGN	SE2BHS0W	2	180 000	180 000	35 (0)	18 (0)	13m	LOW	MEDIUM	HIGH	LOW
115	ACCEPT	IC-ENC - PRIMAR	BSHC/NHC	DK2SKARK	SE2BHS0W	2	180 000	180 000	26 (0)	17(2)	1m	LOW	MEDIUM	HIGH	LOW
116	ACCEPT	IC-ENC - PRIMAR	BSHC/NHC	DK2SKARK	SE2BI9SW	2	180 000	180 000	26 (0)	19(2)	1m	LOW	MEDIUM	HIGH	LOW

COMMISSION OVERLAP REPORT - BALTIC SEA HC - SEPTEMBER 2019

Scale	Route patterns	ECDIS	Overall Severity of Risk	Justification	Action requested
MEDIUM	MEDIUM	MEDIUM	LOW	Overlap is small and in deep water with no channels. Overlap is too thin to contain any soundings or contradictory information.	HOs to discuss and resolve overlaps
LOW	HIGH	MEDIUM	LOW	A very small sliver	Producers to share coordinates of extents.
LOW	HIGH	MEDIUM	LOW	A very small sliver	Producers to share coordinates of extents.
LOW	HIGH	MEDIUM	ACCEPT	A very small sliver. c.5m overlap	Producers to resolve overlap
MEDIUM	LOW	LOW	ACCEPT	Overlap on band 2 coverage, relatively small area. No data other then DEPARE within area. Mostly a gap now; Very short section of overlap which is <5m	DK to amend geometry to remove overlap.
MEDIUM	HIGH	MEDIUM	ACCEPT	Small overlaps along median line between differing producers	None
MEDIUM	HIGH	MEDIUM	ACCEPT	Small overlaps along median line between differing producers	None
MEDIUM	HIGH	MEDIUM	ACCEPT	Small overlaps along median line between differing producers	None
MEDIUM	HIGH	MEDIUM	ACCEPT	1m Overlap along the national border.	

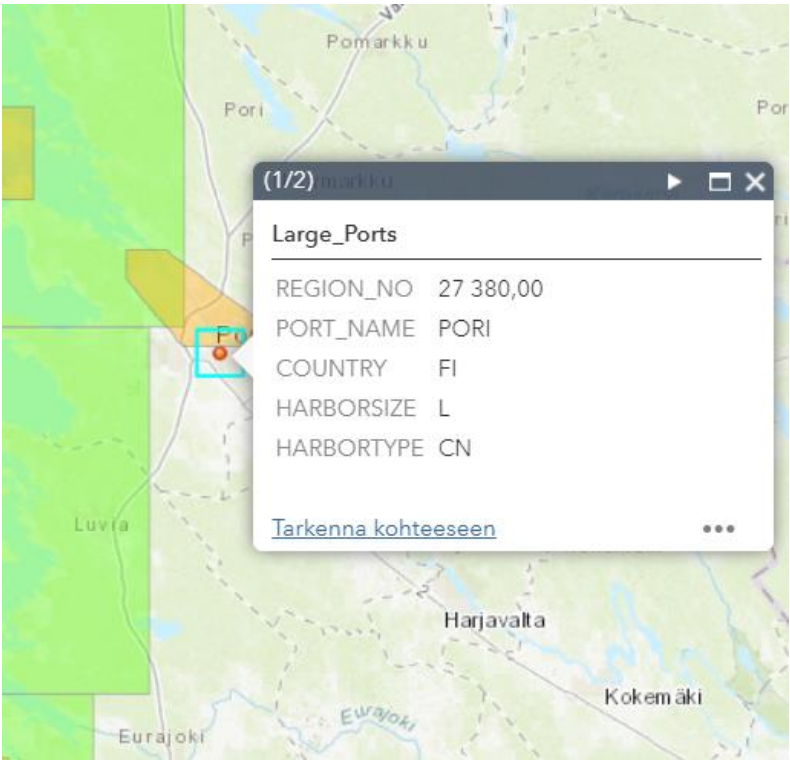
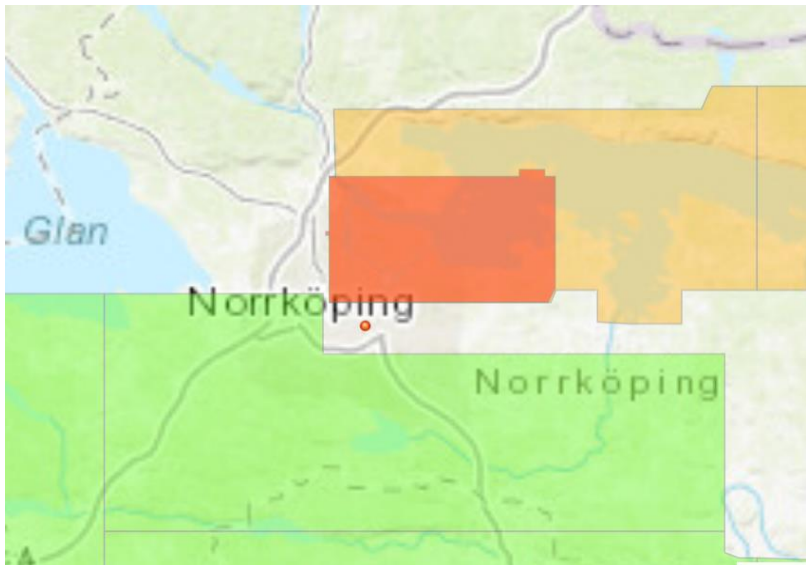
Decision WENDWG9/04 (permanent):

- ▶ **RHCs** to make their own assessment of the level of navigational risk for ENC overlaps, using the IC ENC Policy on Risk Assessment as a 1st step, when and where applicable.
- ▶ Action to BSICCWG

#11	9.2	BSICCWG all	All members to report chair how they will manage with the reported overlaps.	August 2019	
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Ports not covered by ENC's

<u>Ports Not Covered (from IHO Ports Gazetteer)</u>		
Port Name	Country	Port Size
PORI	FI	L
NORRKOPING	SE	M
BOLSHAYA PIRYU GUBA	RU	S
HIMANKA	FI	S



Improvements on IHO ENC Catalogue

- ▶ More frequent updating (monthly to **weekly**)
- ▶ Cells derived from RENC and Non-RENC are integrated.
IC-ENC data and PRIMAR data are used for the updating.

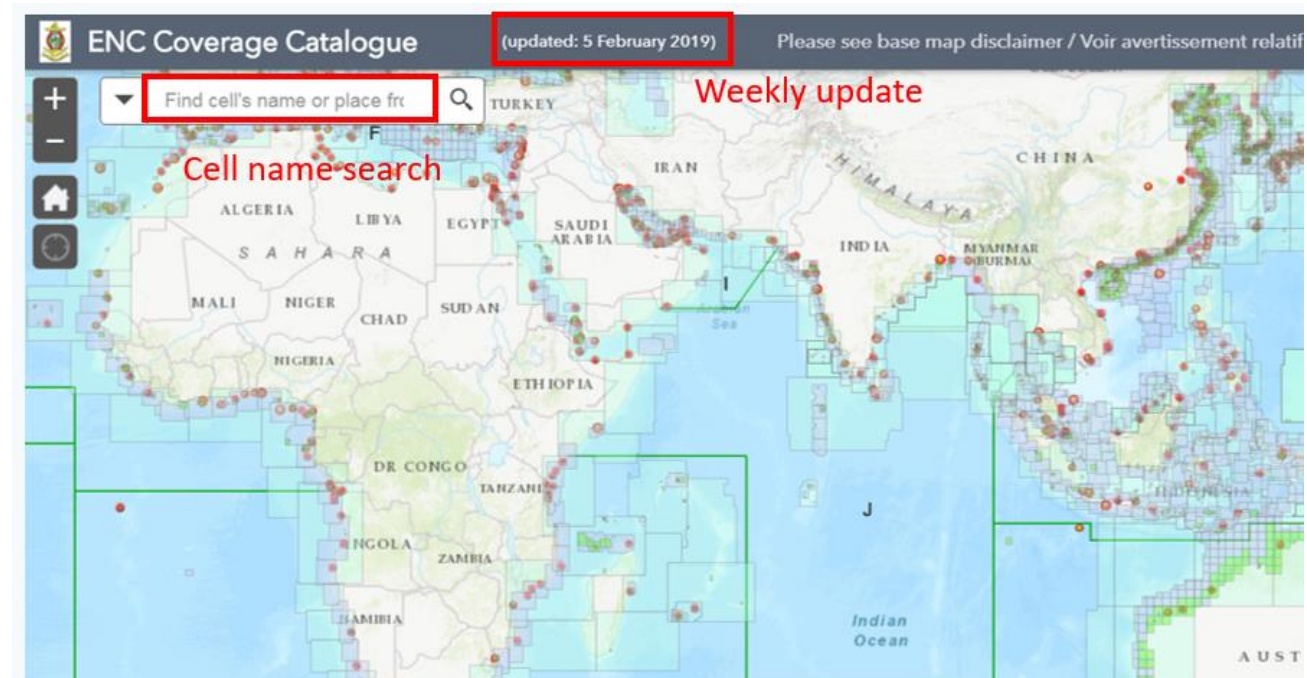
The classification is based on:

[“RENC Update of the Data Flow Diagram”](#)

- ▶ Search function for **cell names**, attribute table is available
- ▶ ENC database alignment with INTogIS II

- ▶ NGA has informed, that there is a process going on to develop the *US Nautical Publication N150*, which is the source of ports for IHO ENC Catalogue.

Action for member states to inform about inconsistencies. (WEND, BSICCWG)



RENC harmonisation and distribution

- ▶ PRIMAR Innovation work supporting S-100
- ▶ IC-ENC Significant training components
- ▶ RECC ESAHC Regional ENC Coordinating Center starting
 - ▶ To be updated to the ENC Data Flow Diagram
- ▶ Exclusive ENCs: RHCs to report to WENDWG where exclusive cells in the respective usage bands exist within their regions.

Full Implementation of WEND principles

- ▶ Producers are invited to provide agreement to their RENCs to make CATZOC values available in INTToGIS II additional layers.

Impact of new TORs and C2 actions

WEND -like principles, S-100 Implementation strategy

- ▶ Principles should be developed to support the production and dissemination of S-101 ENC's and the first generation of S-100 based products.
- ▶ WENS
 - ▶ Worldwide Electronic Navigational Services
 - ▶ To support implementation strategy for S-100 products
 - ▶ Drafting group, lead by US -> Paper to IRCC10
 - ▶ WENS principles intend to shift focus from ENC to comprehensive (S-100) suite of services
 - ▶ WENS still encourages data availability anywhere in the world, distribution through compatible and coordinated networks, standardization, authority of service, and data protection.

Actions for the BSHC 24th Conference

- ▶ Note this report
- ▶ Give further guidance to BSHC WENDWG representative.

Thank You!