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Finnish Transport Agency

Nordic Hydrographic Commission

WENDWG Issues to NHC58

**18-20 August 2014
Helsinki, Finland**

**Jens Peter Hartman
*Jarmo Mäkinen***

18 August 2014

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WENDWG

- The WENDWG is chaired by *Capt. Jamie McMichael-Phillips*, UK.
Mr Yve Guilliam (IHB) has taken the role of Secretary of in May 2014.
- Each Regional Hydrographic Commission should have a representative in the WENDWG.

The NHC has elected Mr. *Jens Peter Hartmann*, Denmark, as their representative.

The BSHC19 (May 2014) has elected *Mr. Jarmo Mäkinen*, Finland, as its representative of the WENDWG.

WENDWG work 2013 - 2014

WENDWG4 meeting 18 – 20 March 2014

The main issues were:

- Guidelines for assessing the risks of overlapping ENCs.
- Review of WEND principles and governance [to IRCC6]
- Development of an IHO RENC/WENC [Roadmap, to IRCC6]
- Review of ENC coverage status [to IRCC6]
- ENC Gaps, Overlaps and Quality Assurance [to IRCC6]
- Definition of cartographic boundaries
- WENDWG Work Programme

- WENDWG4 meeting final minutes are now available.

Guidelines for assessing the risks of overlapping ENCs.

WENDWG4 Actions (Draft)

- *WENDWG Chair to submit the **procedure for resolving overlapping ENCs** to IRCC6*
- *Singapore to develop a proposal for a **pilot project using OEM software tools to resolve overlapping ENC** data issues and submit it to the WENDWG5*
- *WENDWG Chair to submit the paper on **Guidelines on Assessing and Eliminating the Risk of Overlapping ENC Cells** to IRCC6.*

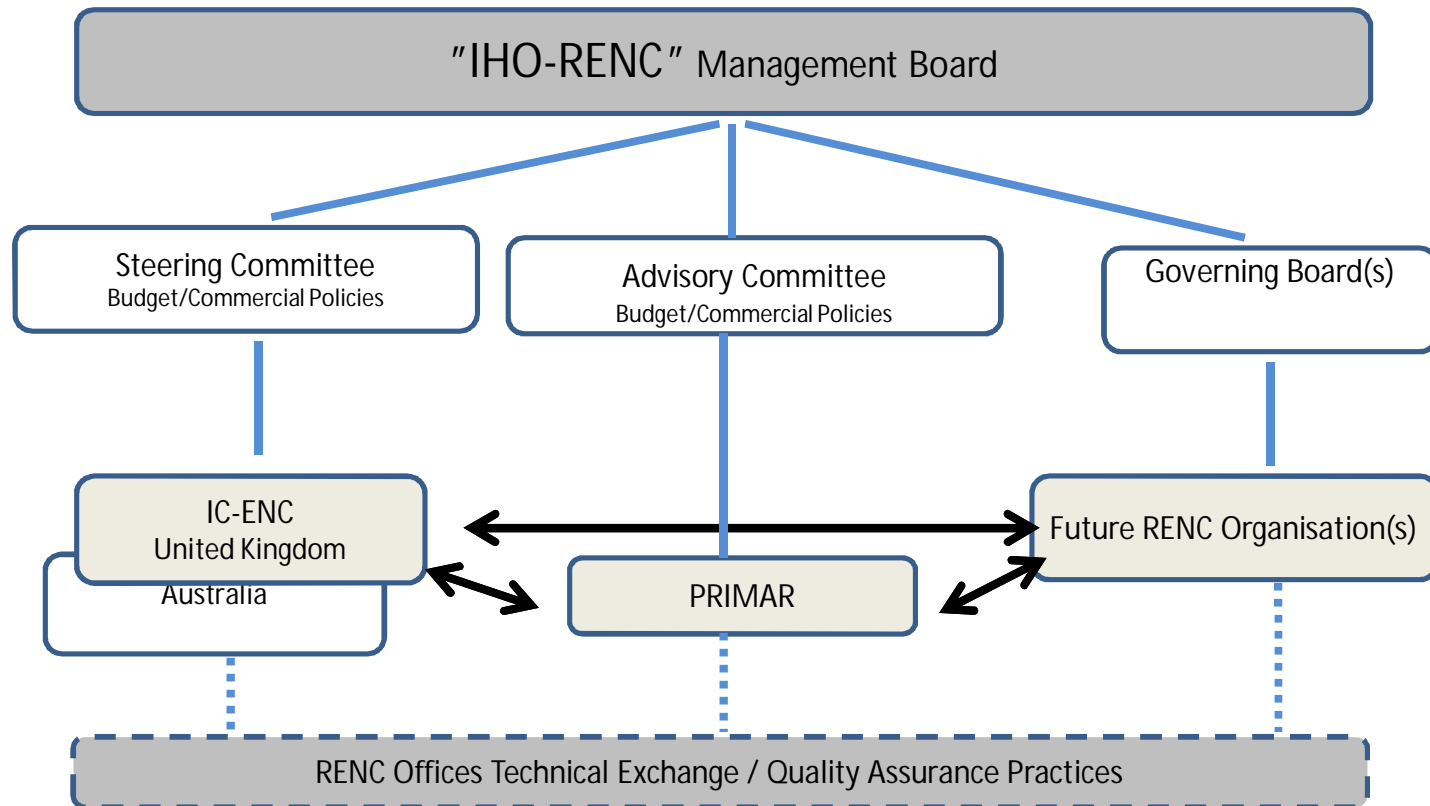
Review of WEND principles and governance [to IRCC6]

Approval of the revised Guidelines and the definition of **Cartographic Boundary** have been sent to Member States in Circular Letters No: 04/2014 and 06/2014.

Approved (CL 40/2014)

Development of IHO RENC (WENC)

IHO RENC



IHO RENC

- June 2013: Introduce concept to IRCC and seek endorsement of work plan
Develop “IHO-RENC” concept through series of meetings of the working group and review by correspondence from WENDWG3 participants
- July 2013: Publication of “IHO-RENC” concept paper to IRCC participants for comment via correspondence
- Sept 2013: Potential for full publication via IHO Circular Letter
- Jan 2014: Completion of EIHC proposal on the IHO-RENC, to be formally submitted through IRCC

RENC Harmonization Sub-Group (RHSG).

No much progress since IRRC5/ IRCC6

Development of an IHO RENC/WENC [Roadmap, to IRCC6]

- WENDWG4 discussed the concept of a WENC under the IHO badge
- France has made the Proposal 7 to EIHC5 concerning WEND guidelines and IHO WENC.
- Norway provided a status report on the developments of an IHO WENC concept which is in line with the WEND principles according to PRIMAR and Norway.
- IC-ENC noted that the concept was not achievable at that stage. He stressed that the RHSG work is not completed and its focus will return to the technical and commercial policy harmonisation between IC-ENC and PRIMAR.
- *Dir Iptes* presented the view of the IHB Directing Committee and also provided a statement from the Directing Committee.

Development of an IHO RENC/WENC [Roadmap, to IRCC6]

WENDWG4 agreed:

Basis:

IHO Recognised WEND Database consists of data from IC-ENC, PRIMAR and future RENCs meeting minimum standards

Way ahead

- *Commitment to WEND Principles*
- *Minimum standards for RENCs supersede overarching management board*
- *Underpinning IHO guidelines*

RHSG report to WENDWG

- *This concept to be reviewed by existing RENC members as part of process.*

Development of an IHO RENC/WENC [Roadmap, to IRCC6]

WENDWG agreed on the following actions (draft):

- Chair to submit a report on the development of the WENC Concept to IRCC6 and seek subsequent endorsement by Member States
- RHSG to propose the minimum standards for RENC operation considering CL05/2012 and the paper provided by US-Canada on actions from RHSG1 (by end of April 2014)
- RENCs to continue working to attract ENC producer nations to join the RENCs (Permanent action)
- RHSG to produce a paper on the benefits for ENC producer nations to join a RENC (by April 2014)

IRCC6 outcome:

- RSHG and WENDWG to continue this work and
- WENDWG to report the evolution on the IHO WENC Concept.

ENC status and harmonisation Issues

Review of ENC coverage status [to IRCC6]

UK presented the status of ENC global coverage based on the UKHO database (AVCS data) for Usage Bands 1, 2 and 3. This analysis was not available for larger scale ENCs. There are around 200 charts that are only available through AVCS.

ENC Coverage status is a permanent agenda item and that the main objective of WENDWG is to monitor and advise IRCC on the development of adequate ENC coverage.

UK explained that the effort to produce the ENC global coverage graphics is huge and UKHO would appreciate being released from this task.

WENDWG4 agreed on the following actions:

- RENCs to provide the ENC coverage report to WENDWG5
- RENCs to provide the statistics on those ENCs not distributed via RENCs to WENDWG5.

ENC Gaps, Overlaps and Quality Assurance [to IRCC6]

Analysis of gaps and overlays on Baltic Sea was handled in the BSICCWG2 meeting in Helsinki 2-3 April.

BSICCWG Members have to check their overlaps and report how to solve them by 19th June 2014

WENDWG4 has found following overlap on BSHC and NHC ENCs

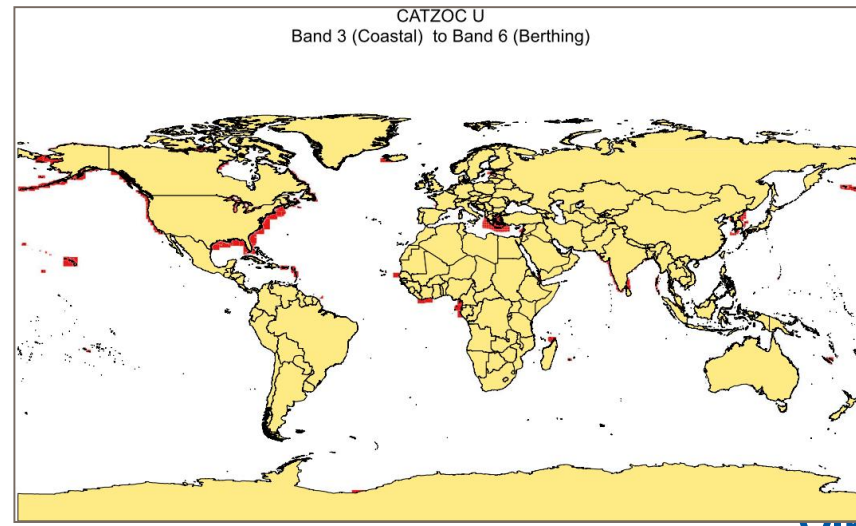
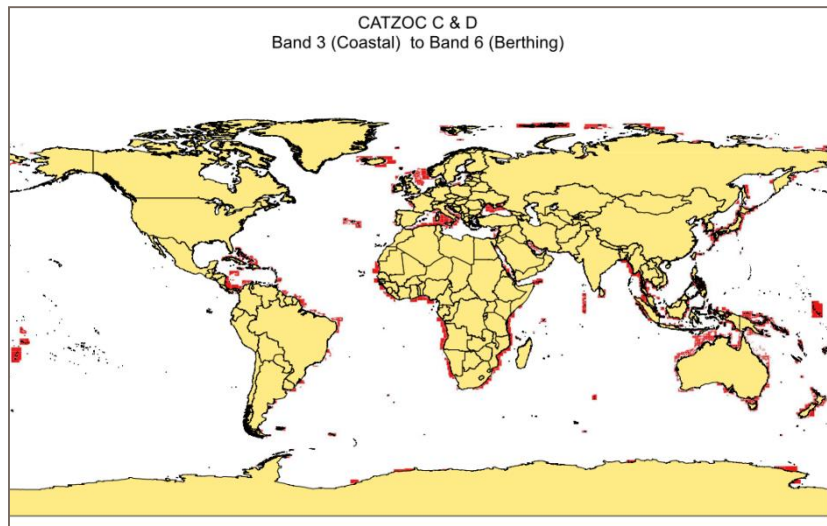
Overlaps BSHC		
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DK4LGLGS	DE416050	4
DK4LILBS	DE416012	4
PL4MAP37	DE416090	4
RU4NDJS8	PL4MAP41	4
SE4DHWHE	DK4GSMON	4
SE4DHWHG	DK4GSMON	4
LV211251	EE203055	2
LV331011	EE3E1608	3
LV331016	LT382001	3
PL3MP153	DK3BORNH	3
RU3NCJP9	LT382001	3
RU3NCJP9	PL3K0030	3
RU3NCJP9	PL3MP151	3

Overlaps NHC		
CELLNAME	CELLNAME_1	USAGEBA
RU4O0KM9	FI4EJV2	4
RU4O1KN9	FI4EJV2	4
SE4CJ4YO	FI4EJ76N	4
SE4DHWHE	DK4SUNDT	4
SE4DHYPE	DK4SUNDT	4
SE4DI0XC	DK4KATGS	4
SE4DI0XE	DK4SUNDT	4
SE4DI35A	DK4KATGN	4
SE4DI35C	DK4KATGS	4
SE4DI5DA	DK4KATGN	4
SE5IHZTE	DK5HLSNS	5
DK2BORNH	SE2BHS1S	2
DK2KATGN	SE2BHS0W	2
DK2KATGN	SE2BHS1C	2
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NO1A3000	DE110000	1
NO1A3000	DK1NORSO	1

BSI CCWG Members to check BSHC overlaps and report on how to clear them [by 19 June 2014]

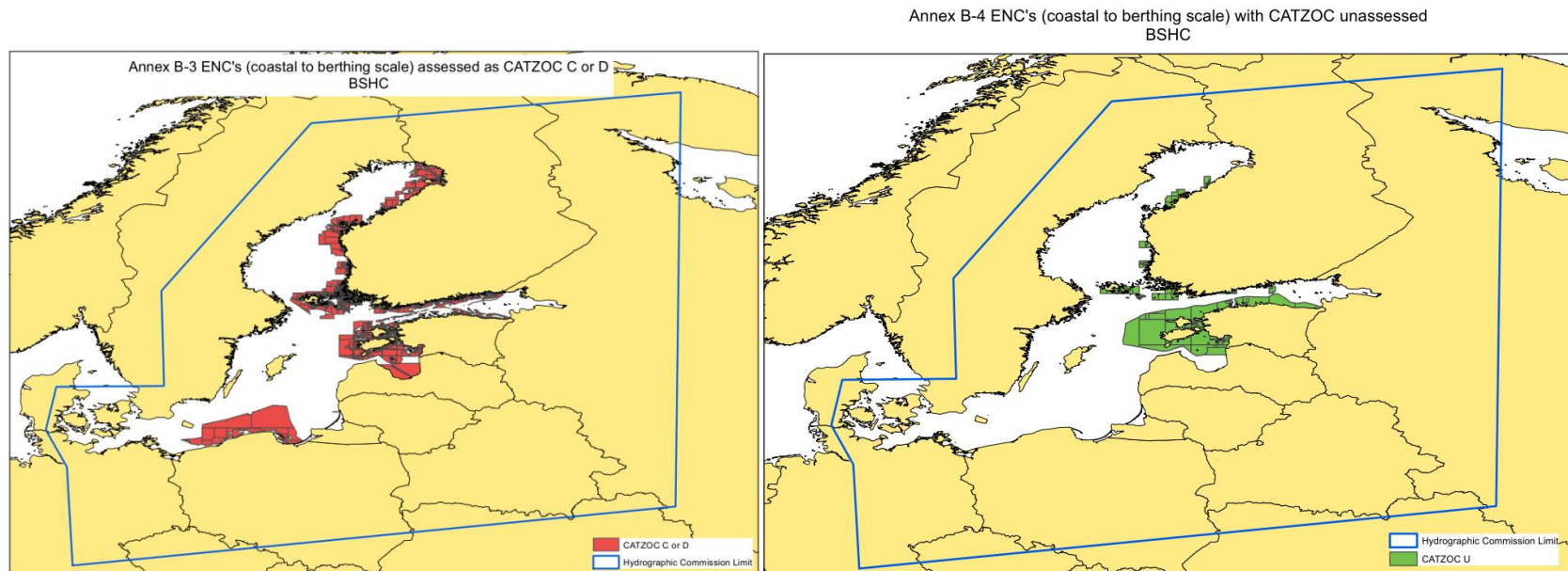
Findings of WENDWG4

- To develop recommendation to harmonised use of CATZOG. More information on that issue is expected from WENDWG4 meeting.
- The use of CATZOG is not clear.



Findings of WENDWG3

- The use of CATZOG C or D and Unassessed U



BSI CCWG Members to report their use of CATZOC [by May 2014]

Future WENDWG work

Future WENDWG Work

- **Take forward IHO RENC/WENC Concept**
- **Foster achievement of ENC Coverage**
- **Analyse ENC gaps and overlaps**
- **Develop risk assessment guidelines, protocols & process**
- **Briefing material for IMO (standing item)**

Next WENDWG Meetings

- The meeting agreed to meet on the following dates and venues:
- WENDWG5 Singapore from 3 to 5 March 2015, subject to confirmation.
- WENDWG6 Norway in March 2016, exact dates to be confirmed.
- WENDWG7 Russian Federation in March 2017, exact dates to be confirmed.

Actions requested from the NHC58 Conference

BSHC19 Conference is requested to

- **take note on this Report**
- **nominate NHC representative to WENDWG**
- **give further guidance to the WENDWG representative, as seen appropriately**