

Baltic Sea International Charting Coordination Working Group (BSICCWG)

BSICCWG Report to the BSHC 16th Conference

[5 September 2011]

The BSICCWG TORs and ROPs paragraphs 3.10 and 2.6 request the BSICCWG to report annually to the BSHC at least the following issues:

- An updated Regional INT Chart Catalogue;
- An update of the ENC Catalogue relevant to the Region (if not undertaken by RENCs);
- Changes made to the scheme of INT Charts for the Region, approved by the BSICCWG since the last report, together with a summary of reasons;
- Changes made to the small / medium scale ENC scheme for the Region, approved by the BSICCWG since the last report, together with a summary of reasons;
- An updated Work Plan (if used).
- Status of BSEHWG Harmonisation recommendations.

1. Status of Work of BSICCWG

Mr. Jarmo Mäkinen has been acted as the Chair of the BSICCWG. There have been some changes to the BSICCWG membership. *Mr. Juha Korhonen* has acted as the secretary of BSICCWG.

The tasks for the BSICCWG are to maintain Baltic Sea INT Numbering Schema, allocate INT numbers to Member States on request and to agree on responsibilities of producing INT Charts, and coordinate ENC harmonisation actions (see more details in the BSICCWG TORs and ROPs).

There is no explicit BSICCWG Work Programme.

The communication within the BSICCWG has been performed by BSICCWG Letters and e-mails. The Chair has communicated with the IHB and the Coordinator of Region D.

2. BSICCWG meeting 9-10 June 2011, Norrköping

A BSICCWG meeting was held in Norrköping on 9 – 10 June 2011. There were 10 participants from 5 countries and from the IHB. The main issues were:

- Review of the new TORs and ROPs for BSICCWG. The BSHC 15th Conference has approved the new BSICCWG TORs and ROPs based on general model approved by the IHO. These TORs and ROPs were reviewed and especially new tasks for ENC coordination were addressed. It was noted that the wording of these TORs and ROPs may not be the best suitable for this Region, but no changes will be proposed at this stage.

- New changes of production nations. No changes since BSHC/15. There were discussions on the unclear situation of changing some INT charts producer nation from Russia to Latvia. As an agreed follow up action the Chair has sent a letter to Russia asking for a clarification and clearing of this situation hopefully before BSHC16.
- Proposed new INT numbers. Finland informed to need some new INT numbers.
- Updates to S-11 Region E (Baltic Sea). See below Chapter 3.
- Principles of naming charts and sea areas. The translation of the Chart titles into English language are under discussion within the BSICCWG.
- Revision of IHO Draft Publication S-23. See below Chapter 6.
- Development of INT Chart Catalogue database. See below Chapter 5.
- Experiences/information. Some experiences were exchanged and some plans were introduced. Also some cartographic issues were discussed. As a follow up action it was agreed to highlight the importance of the following the rules of publishing and using NtMs as in S-4 Section B-600.

3. Updates to Baltic Sea INT Chart Catalogue

Denmark, Finland, Germany, Latvia, Poland and Sweden have proposed updates to Region E of S-11 Baltic Sea (Edition 2.004 October 2010) including some new INT chart numbers, updates to the printing schedules and in detailed information of many charts. Confusion with some INT numbers between region D and E has been identified (INT 1310 – 1314). A process of clarifying and correction of this case is ongoing. To avoid this kind of inconsistencies in the future the BSICCWG strongly supports the IHB plan to develop the S-11 as a database based solution (see below Chapter 5). The combined updates will be forwarded to the IHB to be included in the revised edition of Region E.

ENC catalogues are maintained by RENCs (IC-ENC and Primar).

4. Status of BSEHWG Harmonisation recommendations.

The status of the BSHC ENC harmonisation recommendations is in the Annex 1. Completed recommendations are highlighted in green tint, and in 2011 reported new completed ones in dark green tint. Some progress can be noticed.

5. Development of the S-11 database

At the BSICCWG meeting in June *Tony Pharaoh* from the IHB presented his development actions and plans to make the S-11 as a database based solution. The meeting found the draft database and the interface very useful; they will ease the updating and increase the integrity of the data. The meeting endorsed the plans and gave some new proposals to the database structure and the interface be included in further developments. Baltic Sea may be used as one test area for the new system. The IHB plans to present the next version of the database at the CSPCWG meeting in November 2011.

6. Revision of IHO Draft Edition 4 of the IHO Publication S-23 Part 2

The BSICCWG has found that the current 2002 draft Edition 4 of the IHO Publication S-23 Part 2 (Baltic Sea) is not well defined. It was pointed out that not all of the proposed sea area sub divisions and names are not in use e.g. within weather forecast services. There are also some names which may cause confusion to the users. This may be a safety critical issue.

BSICCWG started to draft a revised version of the Baltic Sea areas and their names. Sweden made the first draft. Comments to this draft show that there are many variations in the specifications and names of many sea areas. This issue needs still much further evaluation. The IHO CL 55/2011 informs that the revision of S-23 will be delayed at least until early 2012. The status of the revision plans will be presented at the BSHC16 meeting.

7. Actions for the BSHC 16th Conference:

The BSHC 16th Conference is requested to

1. note this Report
2. endorse the updates to Region E of S-11 (Baltic Sea)
3. endorse and give guidance to the work for modifying the Draft S-23 Part 2 (Baltic Sea)

Annexes:

1. Status of BSHC ENC harmonisation recommendations
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Annex 1
to the
BSI CCWG report to BSHC 16th Conference
on 20 - 21 September 2011

Status of the Implementation of the Baltic Sea ENC Harmonisation Recommendations

[Recommendations Approved by the BSHC 13th Conference, August 2008]

Reported by:

Country	Denmark	Estonia	Finland	Germany	Latvia	Lithuania	Poland	Russia	Sweden
Reporting date	2011-08-01	2011-08-22	2011-08-23	2011-08-16	2011-08-17	2011-08-08	2011-08-09		2011-08-15
General comments	No changes to previous one					implementing			No changes to previous one

Notes: Those recommendations which are reported to be "*Done*", "*Completed*", "*Adopted*", or similar expressions, or which are continuous in nature and reported as "*Ongoing*" or "*Ongoing process*" are highlighted in green tint in Status column.

Those recommendations which were reported in 2011 with new "*Done*", "*Completed*" or similar status are highlighted in dark green tint.

Rec. #	Issue	Recommendation	Responsibility	Implementation Schedule			Status/Remarks/Comments
				Country	Start date	End date	
1	Navigational purpose Overview	1a) Overview navigational purpose should be in harmony with other navigational purposes within the producers' portfolios.	All	Denmark	2008	2008	DEN: We have changed the compilation scale from 750.000 to 1.500.000 to fulfil harmonization in the North Sea
		Germany		2008	2008	EST: No Comments FIN: No Comments GER: Completed LAT: No comments LIT: No comments. POL: Done RUS: SWE: No Comments	
		1b) The Overview cell should be harmonised with adjacent cells in the North Sea.	Germany	Germany	2008		GER:
2	Navigational purpose Harbour and Berthing	The Harbour and Berthing navigational purposes should be in harmony with other navigational purposes within the producers' portfolios.	All	Denmark	2008	2012	DEN: We are ongoing adding harbour inserts to our cells. We are not able to produce berthing cells yet because of lack of high quality data.
				Estonia	2008	2008	
				Finland	2008	2015	
				Germany	2008	2011	
				Latvia	2008	2009	
				Lithuania	2009	2010	
				Poland	2008	2011	
				Russia			
				Sweden	2008	2008	
			FIN: Done				
			GER: Completed				
			LAT: Done				
			LIT: Harmonized				
			POL: Done				
			RUS:				
			SWE:				

Rec. #	Issue	Recommendation	Responsibility	Implementation Schedule			Status/Remarks/Comments						
				Country	Start date	End date							
							Completed/ Ongoing process						
3	Use of Compilation Scale	<p>On the Baltic Sea, the following values for the compilation scales should be used:</p> <table border="1" data-bbox="618 536 1003 641"> <tr> <td>180,000</td> <td>(General)</td> </tr> <tr> <td>90,000</td> <td>(Coastal)</td> </tr> <tr> <td>22,000</td> <td>(Approach)</td> </tr> </table>	180,000	(General)	90,000	(Coastal)	22,000	(Approach)	All	Denmark	2008	2010	DEN: Done
			180,000	(General)									
			90,000	(Coastal)									
			22,000	(Approach)									
			Estonia	2008	2010	EST: Done:							
			Finland	2008	2015	General 180.000,							
			Germany	2008	2015	Coastal 90.000,							
			Latvia	2008	2009	Approach 45.000.							
			Lithuania	2009	2012	FIN:							
			Poland	2008	2011	General, coastal- Done							
			Russia			Approach: Sea areas – not started (using 25000), lake areas – Done							
			Sweden	2009	2009	GER: As planned							
			LAT: Done										
			LIT: General ENC -Yes Approach ENC - Yes Coastal ENC –Not (45,000)										
			POL: Done										
			RUS:										
			SWE: Completed										
4	Exceptions in the use of Compilation Scale	<p>If a Hydrographic Office (HO) wants to use a compilation scale other than those recommended above, it may do so if all the following conditions are met:</p> <p>i) the value used is in line with</p>	All	When adopted			DEN: Done						
							EST: Approach 45.000, Done.						
							FIN: No Comments						

Rec. #	Issue	Recommendation	Responsibility	Implementation Schedule			Status/Remarks/Comments
				Country	Start date	End date	
		<p>the intention of the IHO CL 47/2004</p> <p>ii) use of it is agreed bilaterally with neighbouring HO(s) concerned, in order to avoid inconsistencies at the border, and</p> <p>iii) every effort is made to minimise possible inconsistencies due to deviations from the recommended compilation scale.</p>					<p>GER: completed</p> <p>LAT: Adopted</p> <p>LIT: Lithuania's Coastal ENC's scale 45,000 started to be adopted in 2009. Completion of 2 Coastal ENC's is 50%.</p> <p>POL: Done</p> <p>RUS:</p> <p>SWE: No comments.</p>
5	Use of SCAMIN	BSHC should adopt the guidelines as stated in the Annex J .	All	Denmark Estonia Finland Germany Latvia Lithuania Poland Russia Sweden	2008 2008 2008 2008 2008 2009 2008 2009	2009 2015 2015 2011 2010 2010 2011 2009	<p>DEN: Done</p> <p>EST: Ongoing.</p> <p>FIN: General & Approach at sea – not started, Coastal at sea, all on lakes - done</p> <p>GER: as planned</p> <p>LAT: Adopted</p> <p>LIT: Completed</p> <p>POL: Done</p> <p>RUS:</p> <p>SWE: Completed</p>
6	Contour intervals	6a) The BSEHWG proposes that the BSHC establishes a Working Group to study possibilities for Harmonisation of the Conveying and Presentation of Depth Information for both ENC's and	BSHC			When adopted	Done. BSHDIWG established.

Rec. #	Issue	Recommendation	Responsibility	Implementation Schedule			Status/Remarks/Comments
				Country	Start date	End date	
		paper charts. 6b) Meanwhile, if the IHO recommended contour intervals are not applicable, or if additional intervals are needed, implementation should be agreed bilaterally/multilaterally so that possible inconsistencies to the mariners could be avoided.	All				DEN: - EST: - FIN: Ongoing GER: Done LAT: Adopted LIT: Completed POL: Done. Only IHO recommended contour intervals are using. RUS: SWE: Ongoing
7	Harmonisation of features continuing/extending over national borders	All BSHC countries should ensure that bilateral agreements are in place with their neighbouring countries concerning harmonisation of features continuing/extending over national borders.	All				DEN: Ongoing EST: Ongoing FIN: Ongoing GER: Done LAT: Adopted LIT: Completed with Latvia, in future with Russia POL: Ongoing RUS: SWE: Ongoing
8	Checking harmonisation before launching new ENCs	All BSHC countries should check and carry out harmonisation before launching updates or new editions of ENCs.	All				DEN: Ongoing EST: Ongoing FIN: Ongoing GER: Done LAT: Adopted LIT: Not started POL: Done RUS: SWE: Ongoing

Rec. #	Issue	Recommendation	Responsibility	Implementation Schedule			Status/Remarks/Comments
				Country	Start date	End date	
9	Buffer zones along the national borders	All BSHC countries should check that there are no gaps between cells at national borders by establishing a buffer zone of up to 5 metres, if necessary.	All	Denmark	2008	2008	DEN: Done
				Estonia	2008	2008	EST: Done
				Finland	2008	2008	FIN: Ongoing
				Germany	2008	2008	GER: Done
				Latvia	2008	2008	LAT: Done
				Lithuania	2010	2012	LIT:
				Poland	2008	2008	In future with Latvia and with Russia
				Russia			POL:
Sweden	2008	2008	Done, but not with Russia				
			RUS:				
			SWE: Completed/Ongoing				
10	Adoption of new versions of ENC related standards	The BSHC should agree on joint plans and time schedules for the adoption of new versions of ENC related standards (e.g. S-57 Ed. 3.1.1 or S-101).	BSHC	When adopted			
11	Adoption of new object classes	The BSHC should agree on joint plans and a time schedule for the adoption of new object classes on their products.	BSHC	When adopted			
12	The use of objects to ensure consistency	12a) BSHC should encourage all countries to make further studies of the use of objects in the Baltic Sea ENCs and report to the following BSHC meeting. 12b) BSHC should decide on proper actions to ensure ENC consistency as far as possible.	BSHC	All:	2008	2010	DEN:
							We are forced to make priority on rec#2 and will therefore not be able to fulfil end date 2009. Of course we make an effort on new objects in this issue.
							EST: No Comments
							FIN: No Comments

Rec. #	Issue	Recommendation	Responsibility	Implementation Schedule			Status/Remarks/Comments
				Country	Start date	End date	
							GER: Ongoing LAT: Adopted LIT: Common OBJ are used. POL: No comments RUS: SWE: No comments
13	Special circumstances	If found necessary it is possible to deviate from the recommendations. When doing so, the relevant HO should make every effort to minimise the effect of any inconsistencies that may occur. This should be done through bilateral/multilateral agreements and through harmonisation of data in order to ensure that no serious disharmony is introduced to the ENC.	All			Ongoing	DEN: - EST: Ongoing FIN: No Comments GER: Done LAT: Adopted LIT: No special circumstances. POL: Done RUS: SWE: No comments
14	Promotion of regional approaches	BSHC should ask the IHO Committee on Hydrographic Requirements for Information Systems (CHRIS) to consider appropriate actions to recommend other Regional Hydrographic Commissions (RHCs) to adopt regional implementations to IHO consistency recommendations within their sea areas.	BSHC			When adopted	Done. See CHRIS/20 Minutes and IHO CL 89/2008.

Rec. #	Issue	Recommendation	Responsibility	Implementation Schedule			Status/Remarks/Comments
				Country	Start date	End date	
15	Training and education	All relevant bodies are encouraged to continue the education of mariners regarding ' <i>ECDIS</i> ', ' <i>ECS</i> ', ' <i>ENC</i> ' and ' <i>Electronic chart</i> '.	All			Ongoing	DEN: Ongoing
							EST: Ongoing
							FIN: Ongoing
							GER: Ongoing
							LAT: Ongoing
							LIT: Training and education left to training facilities.
							POL: Ongoing
							RUS:
16	Follow-up of implementation	All BSHC countries should follow the time schedule for the implementation of all relevant recommendations as stated in Annex L .	All			Ongoing	DEN: Ongoing
							EST: Ongoing
							FIN: Ongoing
							GER: Ongoing
							LAT: Ongoing
							LIT: ongoing
							POL: Yes
							RUS:
17	Reporting of the implementation of the recommendations	BSHC members should report annually to BSHC Conferences on the implementation of these recommendations.	BSHC			2009	Ongoing yearly by the BSICCWG Chair.