



Finnish Transport Agency / Hydrographic Office

Participants in BSHC MWG meeting on Wed 10 Feb 2016 (08:30 - 11:30) in Swedish Maritime Administration building, meeting room Bris (4th floor):

: Denmark Lars Hansen, Jesper Vedel
Finland Seppo H Mäkinen (chair)
Germany Thomas Dehling
Poland Marcin Banaszak
Russia *no registrations*
Sweden Ralf Lindgren, Anders Åkerberg

Regrets: Estonia: Peeter Väling, Peeter Ingerma
Latvia: Bruno Spels
Lithuania: Mindaugas Zakarauskas
Sweden: Ulf Olsson

BSHC MWG13 meeting minutes

1. The minutes from MWG12 meeting (Riga, June 2015) were accepted. The status of the tasks from MWG 12 meeting were reviewed. [chair]
2. BSHC20 (St. Petersburg) decisions concerning BSHC Re-Survey Monitoring Working Group (MWG)
 - o The MWG report was presented by MWG vice-chair Mr. Thomas Dehling The Conference took note on the MWG report.
 - o The BSHC20 did not append the MWG work program for 2014-2016. The MWG work program for 2017-2020 is as item 6.
3. The re-survey status and progress made since MWG12, as well as survey plans (e.g. within FAMOS) [chair]
 - Denmark, Finland, Germany, Poland and Sweden presented re-survey progress of HELCOM cat I & II area surveys as well as preliminary survey plans for upcoming years;
4. Further development of Re-Survey database [SWE] (MWG12 action #2);
 - The meeting noted, that the new re-survey database interface has been defined, productive "hands-on" workshop held on 9.2.2016 and new user interface is planned to be in operation in April 30th, 2016. Further minor improvements will be implemented during 2016. The MWG will report the new interface operational at BSHC21 in Klaipeda, September 2016.
 - The meeting thanked warmly SMA organising and hosting successful and productive "hands-on" workshop on 9.2.2016 (13-17) at SMA computer classroom.



- Plenty of fruitful ideas and discussions. As a result SMA will inform to the member state operators questions and a test period in e-mail. Reply from member states latest on 31.3.2016. Target to switch to new interface by 30th April 2016.
 - BSHC Re-Survey DataBase national operators. Participation list
 - Denmark Lars Hansen, Jesper Vedel
 - Finland Kim Lampinen, Seppo H Mäkinen
 - Germany Thomas Dehling
 - Poland Marcin Banaszak
 - Sweden Thomas Holmqvist, Ralf Lindgren; Anders Åkerberg, Johan Mattson, Mikael Lewin, Sven-Öje Martinsson and consultant Rasmus Ewehag.

5. Items to be reported to the BSHC21 in Klaipeda, Lithuania in September 2016 [chair];

- Updated work program 2017-2020;
- New re-survey database and interface operational: WEB-address, view;
- Progress of re-surveys. Awareness has been arisen (HELCOM MARITIME) on the contradiction of HELCOM cat I and cat II defined areas and the AIS records of commercial shipping in the Southeastern Baltic Sea. Images and further information at HELCOM SAFE NAV on 29 September 2016 in Copenhagen [chair].

6. The work program for 2014 – 2016 and a draft work program for 2017-2020[chair];

- The current work program 2014-2016 was discussed and tasks reviewed;
- It was found feasible to have the next work program for years 2017-2020;
- New item proposed by chair and accepted in the meeting: S-44 ed 5 update, representation from BSHC in the IHO working group. MWG individual members shall inform other MWG members of the progress [DE & SE];
- Finland and Sweden informed the meeting the upcoming FSIS-44 update (Finnish Swedish realization of S-44). Further information will be provided at MWG14 [FI & SE]
- Reminder for the chair: agendas and minutes to the BSHC web-site [chair]

7. Time and place for MWG14 meeting [chair];

- The meeting warmly welcomed BSH proposal for the MWG14 meeting on Friday 11 Nov 2016 in the morning at BSH, Rostock, hosted by BSH (back-to-back with Hydro16);

The meeting was closed at 11:30 (local time)

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HELCOM Re-Survey Scheme table for BSHC MWG reporting purposes, **status estimated on 10.2.2016**

Please enter at the table figures of **remaining survey work** (deducting from previous figures completed data, which has been processed and is in your national database for use of producing ENCs and nautical charts).

You may add in Remarks column the ongoing work. (seppo.h.makinen@fta.fi)

Country	CAT I [year]	area remaining [~km ²]	CAT II [year]	area remaining [~km ²]	CAT III [year]	area remaining [~km ²]	Remarks
Denmark	2013	0	2030		not specif		
Estonia	2015	0	< 2025	14.400	≤ 2026	4.300	EE: cat I completed in advance
Finland	2016	250	2016	2.700	2030	24.000	FI: cat I&II: all field survey work done (1)
Germany	2019		2025		N/A		DE: periodical every 5-25 years (1)
Latvia	2015	0	2022	3.300	2045	20.500	LV: cat I finished
Lithuania	2018	337	2010	0	2042	4.198	LT: Priority areas need restructure
Poland	2015		2017		2030		PL: periodical every 5-25 years
Russia	2018		2018		2017		
Sweden	2020	8.044	2020	36.416	not specif	39.000	
							Note (1): Some older surveys, especially fairways get outdated and have to be resurveyed.



Could you please try to update this table so that it (approximately) reflects the status in the Baltic Sea at **the end of the 2015 field season?**

Each member state shall check these values

Country	Surveyed CAT I	Surveyed CAT II	Surveyed CAT I & II	Percentage of total CAT I & II
Denmark	7 488 km ²	4 360 km ²	11 848 km ²	55%
Estonia	5 910 km ²	6 958 km ²	12 868 km ²	45%
Finland	19 157 km ²	30 105 km ²	49 262 km ²	95%
Latvia	2 481 km ²	1 452 km ²	3 933 km ²	48%
<i>Germany</i>				100% *
Lithuania	1 246 km ²	26 km ²	1 272 km ²	78%
<i>Poland</i>				100% *
<i>Russia</i>				100% *
Sweden	41 226 km ²	33 525 km ²	74 751 km ²	64%
<i>All</i>	<i>77 508 km²</i>	<i>76 426 km²</i>	<i>153 934 km²</i>	<i>64% **</i>

*) It shall be noted, that due to changing environment in the sea bottom, regular surveys are required in several areas to maintain safe navigation;

***) The 100% are not included into this calculation



For FAMOS Freja and FAMOS Odin statistics (from FAMOS participants)

Country	CAT I 2014 [~km ²]	CAT II 2014 [~km ²]	CAT I 2015 [~km ²]	CAT II 2015 [~km ²]	CAT I 2016 [~km ²]	CAT II 2016 [~km ²]	Remarks
Denmark							
Estonia	2384	232	132	1.940		2100	
Finland	0	2.000	100	7.300	250	2.700	complete = data verified and in national DB
Germany							
Latvia					0	615	Cat I completed, maintenance surveys
Lithuania					170	0	
Poland							
Russia							
Sweden	1497	3629	1350	3275	1608	3172	
column sum	3881	5861	1582	12515			
sums cat I & cat II			Σ cat I: 5463	Σ cat II: 18376	2020	8.600	measured 23.839, plan 2016: 10.600

Country	CAT I 2017 [~km ²]	CAT II 2017 [~km ²]	CAT I 2018 [~km ²]	CAT II 2018 [~km ²]	CAT I 2019 [~km ²]	CAT II 2019 [~km ²]	CAT I 2020 [~km ²]	CAT II 2020 [~km ²]	Remarks
Denmark									
Estonia	0	2300	0	2300	0	2300	0	2300	Cat I completed, maintenance surveys
Finland	0	0	0	0	0	0	0	0	Cat I completed, maintenance surveys
Germany									
Latvia	0	600	0	635	0	675	0	700	Cat I completed, maintenance surveys
Lithuania	170	0	200	0					
Poland									
Russia									
Sweden	1600	4000	1600	12600	1600	12600	1600	4000	
column sum	1800	6900	1800	15.500					
sum 17-18				26.000					



TASK LIST from MWG13 meeting

No	Action	Responsible	Time Schedule	Remarks/ Status by Aug. 2015
#1	Test period and questions sent out for members	SE [SMA]	22.2.2016	Is it possible, SMA?
#2	Background maps: JPEG, layered, comments on new interface	All	31.3.2016	To be studied, questions at the test period, replies latest on 31.3.2016
#3	New re-survey Database interface in use	SE [SMA]	30.4.2016	
#4	Report to SMA on changes on national data base operators	All	31.3.2016	
#5	Verify/update the figures of the tables (pages 3, 4 and 5) in this document	All	31.3.2016	
#6	Raise awareness of the contradiction between defined HELCOM cat I & cat II routes and AIS data in Southeastern Baltic sea at HELCOM SAFE NAV meeting in Denmark on 29.9.2016	chair	29.9.2016	
#7	MWG report and updated work program at BSHC21 in Klaipeda, 27.-28.9.2016	chair	31.8.2016	