
Re-Survey MWG Report to the BSHC 25th Conference in Stockholm, Sweden

1. Status of the work of Re-Survey MWG since BSHC 24th Conference, Gdansk

Mr. Seppo Mäkinen [FI] has acted as the Chair. There is no permanent secretary for the MWG. All the BSHC countries have nominated members to the working group, however not all have been active or participated to the meetings.

The main tasks for the MWG has been to continue the development of the Re-Survey database and to encourage the member states to continue the up-to-date surveys of their waters.

The communication within the MWG has been by MWG Letters and e-mails.

2. Monitoring Working Group meetings

MWG 20th meeting 10 September 2019 at Radisson Blu Hotel, Gdansk, Poland

Main topics were:

- IHO HSPT S-44 ed6 work regional discussion and comments to the current version;
- BSHC HELCOM Re-Survey Scheme status and update with HELCOM Cat III areas, which are typically the near coast shallow areas or deep open water areas, used for some shipping, pleasure boating, Search and Rescue, public authorities GIS data for flood prevention as well as for oil recovery contingency;
- BSHC HELCOM Re-Survey Scheme Assessment Report to HELCOM Maritime 19;

MWG 21st meeting 24 March 2020 as a SKYPE-meeting (videoconference)

Main topics were the same as in MWG20 (above).

3. The results of the MWG during 2019- early 2020

Presentations were given by MWG members as planned in following meetings:

- Reporting to HELCOM MARITIME 19 (23.-26. Sept 2019 at EMSA in Lisbon, Portugal)
- Reporting to EUSBSR PA SAFE Steering Committee meeting (EU Strategy of the Baltic Sea Region, 13 Nov 2019) in Hamburg, Germany.

BSHC22 task 14: All MS to carry out hydrographic surveys and update HELCOM resurvey database. Poland and Kaliningrad Oblast to evaluate the possibility to upgrade the priority shipping routes with the help of commercial SOLAS shipping AIS data. LT & PL & RU need to discuss the Cat I & II routes ending at each other's border, to provide continuity

Chair has brought the item up in presentations at HELCOM MARITIME 19 and at EU SBSR PA Safe meeting. LT is progressing with the enlarged Cat II areas. PL has reviewed the Cat I and II routes and proposes a traffic separation scheme along the coast (Slupska Bank) and also a recommended track. No new information from RU.

Some samples of AIS statistical data from SMA [SE] is in waiting in order to analyze the SOLAS traffic in the South-East corner of the Baltic Sea.

4. Future Work of the MWG

MWG will continue to monitor the progress of the HELCOM Re-survey Scheme and follow Re-Survey Database development. It is of importance to have the database and interface operate reliably.

MWG will present the updated Harmonized Re-Survey Scheme and the Assessment Report to HELCOM Maritime 20 (week 43 2020 in Norrköping, Sweden) for approval, to be included into the Baltic Sea Action Plan.

Continue cooperation with future possible EU CEF program, TEN-T and EU REGIO funding projects concerning Re-Surveys in the Baltic Sea.

Follow up HELCOM Head of Delegates outcome item 6.57 on the need of updating Re-survey plan and perform Re-surveys especially in areas in South-Eastern Baltic, where AIS-records show commercial shipping taking place and which areas are not nationally categorized as HELCOM cat I or cat II areas.

Continue cooperation and information exchange with NSHC.

Continue communication with relevant organisations and inform users by giving presentations and participating in relevant conferences, such as HELCOM Maritime and EU BSRS PA Safe Steering Committee (as having a Flagship status within EU).

To follow up the approval of IHO S-44 ed 6 and to implement it to the hydrographic work within the Baltic Sea.

To activate all the member states to send representatives to MWG meetings and participate MWG work.

5. Actions for the BSHC 25th Conference

The BSHC 24th Conference is invited to

1. note this Report
2. approve the updated Harmonized HELCOM Re-Survey Scheme with Cat III areas included;
3. approve the updated HELCOM Re-Survey Scheme assessment report to be presented to HELCOM Maritime 20;
4. encourage member states to study and define Cat I & II areas in their waters based on the existing AIS-information on commercial shipping
5. encourage member states to perform re-surveys in areas of commercial shipping;
6. encourage member states to participate actively to MWG work
7. Select the next MWG chair (beginning in 2021)
8. give further guidance to MWG, as seen appropriate

Annexes (below):

1. MWG TORs and work program
2. HELCOM Re-Survey status

Annex 1 to the MWG Report

MWG Work Programme for 2021 - 2025

[Version 9, proposed on 24 Sept 2020 at BSHC25]

MWG Tasks: [based on MWG TORs as approved by BSHC 13th Conference, 20 August 2008]:

- 1.1 To maintain the Baltic Sea Harmonised Re-survey Scheme
- 1.2 To maintain the re-survey metadata database
- 1.3 To monitor the progress of the execution of the Harmonised Re-Survey Scheme
- 1.4 To identify possible problems and propose solutions or workarounds to them
- 1.5 To specify and propose updates and changes to the Harmonised Re-Survey Scheme
- 1.6 To liaise with national Maritime Administrations, HELCOM Secretariat, and other relevant organisations.
- 1.7 To support IHO working groups and other European projects in issues concerning IHO S-44 and survey status. Any official decisions shall be brought to BSHC Conference be decided.
- 1.8 The MWG should report to the BSHC at least once a year.

Tasks for 2017 - 2020:

No	Task	Resp.	Priority	Remarks/Status
B.1	MWG to monitor the implementation of Re-survey Scheme	All	High	
B.2	MWG Members to update national re-survey plans	All	High	Awareness needed for the South-Eastern Baltic Sea
B.3	MWG Members to take necessary harmonisation actions between countries	All	High	Awareness needed for the South-Eastern Baltic Sea
B.4	MWG Members to keep Re-survey database updated	All	High	
C.1	MWG to develop specifications for new re-survey database	All	High	More specific development tasks may be listed.
C.2	To contribute to IHO C-55 development and harmonise the developments	Chair / BSHC Chair	Medium	
C.3	To contribute to IHO S-44 work	All / team participants	High	currently through representation at project team, IHO CL-68/2016
D.1	To liaise with other relevant organisations (HELCOM, NMAs, NSHC, EU SBSR...),	Chair	Medium	
D.2	To report to BSHC yearly	Chair	High	
D.3	To write articles (relevant publications, conferences, etc.)	Chair	Low	There are articles on IHR 10/2014.

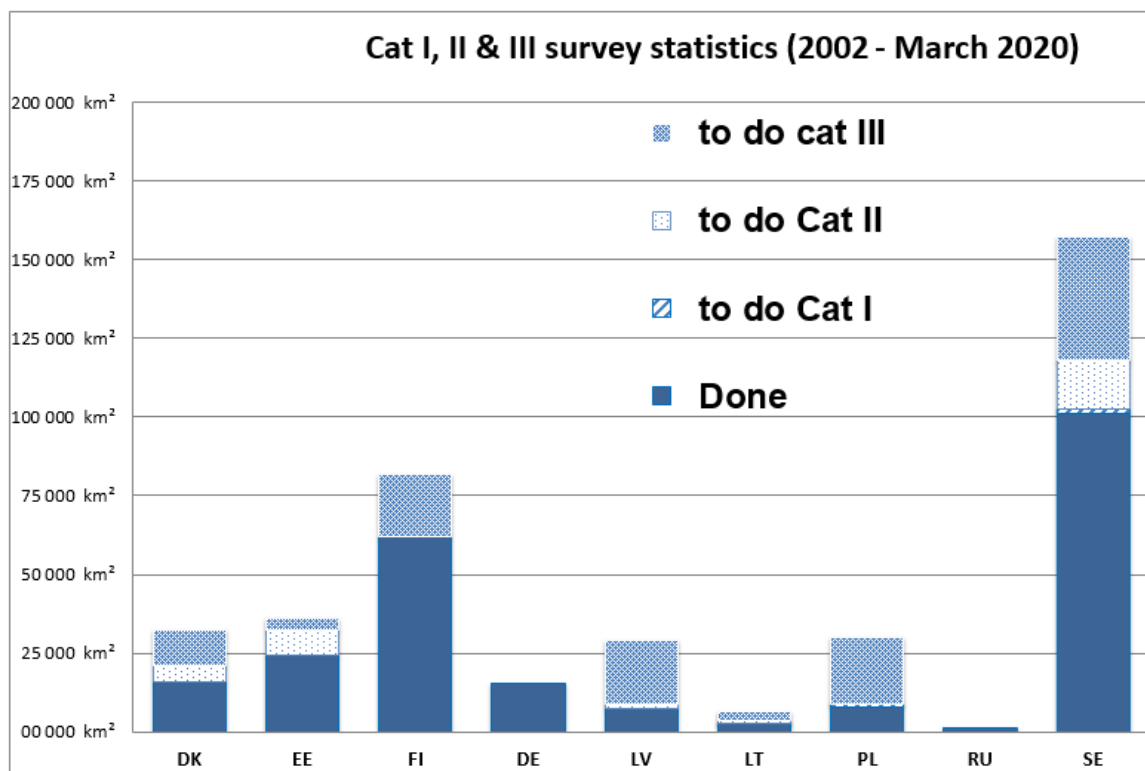
MWG Meetings past 6 years:

- MWG12, 17 June 2015, Riga, Latvia
- MWG13, 10 February 2016, Norrköping, Sweden
- MWG14, 11 November 2016, Rostock, Germany
- MWG15, 8 March 2017, Malmö, Sweden
- MWG 16, 21-22 September 2017, Rostock, Germany
- MWG17, 7 March 2018, Malmö, Sweden
- MWG18, 27 August 2018, Aalborg, Denmark
- MWG18 B, 14-15 November 2018, Riga, Latvia
- MWG19, 16-17 April 2019, Tallinn, Estonia
- MWG20, 10 Sept 2019, Gdansk, Poland
- MWG21, 24 March 2020 SKYPE video conference

Annex 2 to the MWG Report

HELCOM Re-Survey status statistics (Q4 2019)

Country	CAT I [~year compl]	Cat I area total / remaining [~km ²]	CAT II [~year compl]	Cat II area total / remaining [~km ²]	CAT I & II total [~km ²]	CAT III [~year compl]	Cat III area remaining [~km ²]	Cat III area total [~km ²]
Denmark	2013	7 631 / 0	2030	13 372 / 5 099	21 003	2033	11 221	11 363
Estonia	2015	8 413 / 0	2035	23 168 / 7 926	31 581	2026	3 766	4 321
Finland	2016	22 321 / 0	2016	28 678 / 0	51 000	2040	20 100	31 042
Germany	2019	3 273 / 0	2025	12 127 / 0	15 400	not applic	0	0
Latvia	2015	2 500 / 0	2022	6109 / 1376	8 609	2045	20 500	20 500
Lithuania	2019	1 569 / 1	2026	1 823 / 1071	3 400	2042	2 736	3 041
Poland	2021	3 787 / 1 102	2020	906 / 104	4 693	2039	20 826	25 128
Russia	2018		2018		1 200	2017		
Sweden	2022	48 568 / 1 491	2022	69 538 / 15 421	118 106	not specif	39 000	39 000



Shipping routes remaining to be surveyed

<https://helcomresurvey.sjofartsverket.se/>