



Re-Survey MWG Report to the BSHC 22nd Conference at BSH in Rostock, Germany

1. Status of the work of Re-Survey MWG since BSHC 21st Conference

Mr. Seppo H Mäkinen [Finland] has acted as the Chair and *Mr. Thomas Dehling [Germany]* as the vice-chair. There is no permanent secretary for the MWG. *Chair* acted as the secretary of the MWG 14th and 15th meetings. 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. 14th Meeting was held on 11 November 2016 at BSH in Rostock, Germany and 15th Meeting was held on 8 March 2017 at Malmö Arena in Malmö, Sweden.

2. Monitoring Working Group meetings

MWG 14th meeting 11 November 2016 at BSH, Rostock, Germany

The main subject was to go through and discuss the BSHC21 decisions concerning MWG and to discuss the HELCOM re-survey plan and progress. The new re-survey database was presented online [SE].

The IHO S-44 ed 5 renewal scoping project team member Thomas Dehling [DE] briefed on team's work. Some discussion on possible regional task group on S-44 ed 5 renewal. The member participants at IHO S-44 scoping project team were asked to inform the progress to MWG members. This will need approval from BSHC conference.

The TORs of the MWG and the Work Programme for the years 2015-16 were found accurate. Upcoming meetings were listed in which MWG work is presented.

Cooperation with FAMOS Odin-project (Finalising Surveys for the Baltic Motorways of the Sea) and especially activity 1, hydrographic surveys, was noted to be important to support the work of MWG. FAMOS Odin 2016-2018 is EU INEA CEF-funded project. FAMOS-project has both HELCOM MARITIME and EU BSRS Flagship project status.

The meeting continued after lunch as a combined meeting of BSHC MWG and NSHC MWG, during which the re-survey application and bathymetric databases were presented. Also S-44 ed 5 renewal possible regional task group was discussed. NSHC MWG presented procedures / methods to have a common quality data attributes (example Dover Straits) and common risk assessment framework for the North Sea.



MWG 15th meeting 8 March 2017 at Malmö Arena, Malmö, Sweden

MWG15 meeting was held in conjunction with FAMOS workshop.

The Re-Survey application was reported and declared operational. Re-survey progress was presented by attending members.

A regional S-44 PT regional discussion group was decided to be formed, chaired by MWG chair [Seppo Mäkinen, FI]. If official decision is needed, subjects are brought to BSHC and NHC conferences. Members of BSHC and NHC are welcome to attend the regional discussion group work.

3. Future Work of the MWG

MWG will continue to guide and follow up the progress of the Re-Survey Database development. It is of importance to have the database and interface operate reliably.

Continue cooperation with FAMOS Odin 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 and which areas are not nationally categorized as HELCOM cat I or cat II areas. HELCOM MARITIME Safe Nav 8 meeting on 28 Sept 2017 in Arlanda, Sweden.

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 both).

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

The MWG has it's next meeting on Thursday-Friday 21st to 22nd September 2017 at BSH in Rostock, Germany, back-to-back with BSHC22 conference.

4. The results of the MWG during 2016-2017

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

- Reporting to HELCOM MARITIME 16/2016 (September 2016 in Tallinn)
- Reporting and raising awareness on HELCOM cat I & II re-survey status and plans at HELCOM MARITIME Safe Navigation meeting at DMA (29 September in Copenhagen, Denmark)
- Reporting to EUSBSR PA SAFE Steering Committee meeting (30 May 2017) In Brussels, Belgium.



5. Actions for the BSHC 22nd Conference

The BSHC 22nd Conference is requested to

1. note this Report
2. Accept and approve the updated Terms of Reference (TOR) in annex 1
3. encourage member states to study and define Cat I & II areas in their waters based on the existing AIS-information on commercial shipping
4. encourage member states to perform re-surveys in areas of commercial shipping
5. encourage member states to participate MWG work
6. give further guidance to MWG, as seen appropriate

Annexes:

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



Annex 1 to the MWG Report

MWG Work Programme for 2016 - 2020

[**Version 8**, discussed on MWG15 in Malmö, Sweden, **updated on 20 July 2017**]

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 be decided in BSHC conference.
- 1.8 The MWG should report to the BSHC at least once a year.

Tasks for 2016 - 2018:

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	
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 scoping team, CL-83/2015, HSSC 7/03
D.1	To liaise with other relevant organisations (HELCOM, NMAs, NSHC, ...).	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 5 years:

MWG9, 18 September 2012, Helsinki, Finland
 MWG10, 20 March 2013, Helsinki, Finland
 MWG11, 10 June 2014, Riga, Latvia
 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

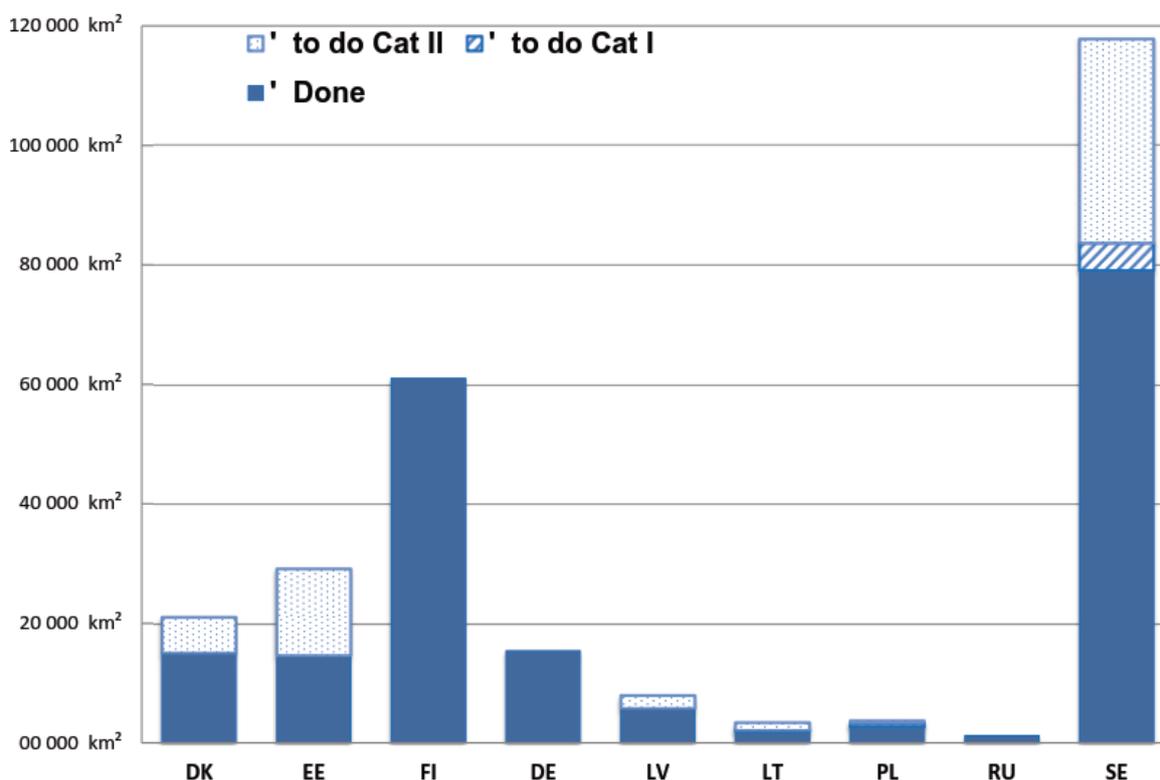


Annex 2 to the MWG Report

HELCOM Re-Survey status

Country	CAT I [year]	area total / remaining [-km ²]	CAT II [year]	area total / remaining [-km ²]	CAT I & II total [-km ²]	CAT III [year]	Cat III area remaining [-km ²]
Denmark	2013	0	2030	11 818 / 6 024	21 018	not specif	
Estonia	2015	0	< 2028	X / 14 500	29 100	≤ 2023	4 300
Finland	2016	0	2016	0	61 000	2030	21 500
Germany	2019	0	2025	0	15 400	N/A	
Latvia	2015	2 500 / 0	2022	5 415 / 2 173	8 000	2045	20 500
Lithuania	2018	1 569 / 124	2024	1 826 / 1 331	3 392	2038	2 739
Poland	2015	2 950 / 520	2017	750 / 490	3 700	2020	
Russia	2018		2018		1200	2017	
Sweden	2020	48 548 / 4 601	2020	69 252 / 34 135	117 800	not specif	39 000

Cat I & II statistics, June 2017



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