



Re-Survey MWG Report to the BSHC 23rd Conference in Aalborg, Denmark

1. Status of the work of Re-Survey MWG since BSHC 22nd Conference, Rostock

Mr. Seppo H Mäkinen [FI] has acted as the Chair. There is no permanent secretary for the MWG. *Chair* acted as the secretary of the MWG 16th meeting and Anders Åkerberg [SE] for the 17th meeting. 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. 17th Meeting was held on 7 March 2018 at Clarion Hotel & Conference in Malmö, Sweden and 16th Meeting was held on 11 November 2017 at BSH in Rostock, Germany and.

2. Monitoring Working Group meetings

MWG 16th meeting 21 September 2017 at BSH, Rostock, Germany

The meeting was held right after BSHC22 conference. The main subject was to go through and discuss the BSHC22 decisions concerning MWG and to discuss the IHO S-44 PT (HSPT) work.

- The status of the MS HELCOM re-surveys in Re-survey Database was also reviewed in conjunction with EU CEF funded FAMOS Odin project.
- The IHO S-44 ed 5 renewal scoping project team members Anders Åkerberg and Hans Öiås [SE] briefed on team's work.
- The task 1.7 to support IHO working groups and other European projects in issues concerning IHO S-44 and survey status was approved at BSHC22. Otherwise TORs of the MWG and the Work Programme for the years 2016-20 were found accurate. Upcoming meetings were listed in which MWG work is presented.
- Mr. Thomas Dehling [DE] resigned from the vice-chair position, having been elected as National Hydrographer for Germany. No vice-chair was elected.

MWG 17th meeting 7 March 2018 at Clarion Hotel & Conference, Malmö, Sweden

MWG17 meeting was held in conjunction with FAMOS Odin mid-term conference.

- A regional S-44 PT regional discussion took place and the work of the IHO S-44 HSPT was briefed by the participants.
- Re-survey progress was presented by attending members and Re-Survey DB viewed online. Progress has taken place.
- Upcoming activities were listed.



3. Future Work of the MWG

MWG will continue to monitor the progress of the re-surveys and follow 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 taking place and which areas are not nationally categorized as HELCOM cat I or cat II areas. HELCOM MARITIME Safe Nav 8 meeting on 28 Sept 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 EU). HELCOM SAFE NAV 9 meeting will be held in Copenhagen on 7 Sept 2018 and HELCOM MARITIME 18 will be held in Hamburg 25-27 Sept, 2018.

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

The MWG has its next meeting on Monday 27th August 2018 at Geodatastyrelsen in Aalborg, Denmark, back-to-back with BSHC23 conference.

4. The results of the MWG during 2017-2018

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

- Reporting to HELCOM MARITIME 17/2017 (November 2017 in St. Petersburg, Russian Federation)
- Reporting to EUSBSR PA SAFE Steering Committee meeting (EU Strategy of the Baltic sea Region, 6 June 2018) In Tallinn, Estonia.

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.

Chair has brought the item up in presentations at HELCOM MARITIME 17 and at EU SBSR PA Safe meeting. No progress to report.

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.



5. Actions for the BSHC 22nd Conference

The BSHC 23rd Conference is requested to

1. note this Report
2. encourage member states to study and define Cat I & II areas in their waters based on the existing AIS-information on commercial shipping
3. encourage member states to perform re-surveys in areas of commercial shipping
4. encourage member states to participate actively to MWG work
5. 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, approved on 20 Sept 2017 at BSHC22]

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	
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, ...),	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:

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
 MWG17, 7 March 2018, Malmö, Sweden
 MWG18, 27 August 2018, Aalborg, Denmark

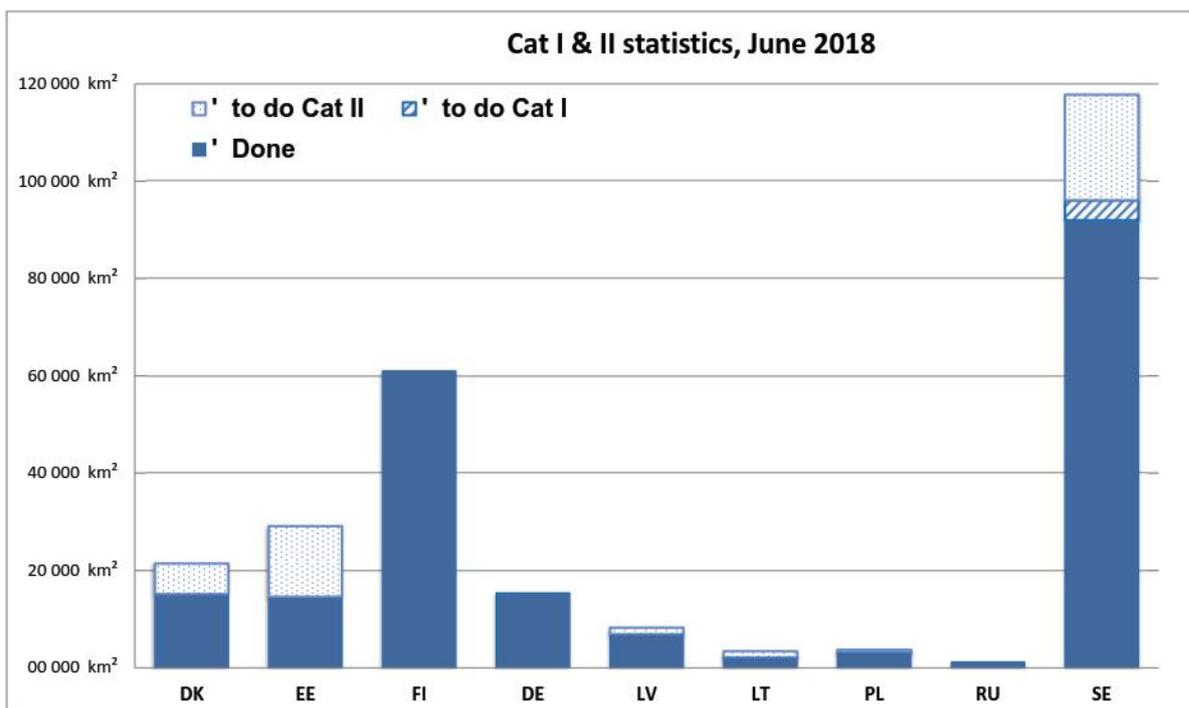


Annex 2 to the MWG Report

HELCOM Re-Survey status statistics

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	12 236 / 6 278	21 400	not specif	
Estonia	2015	0	< 2028	X / 14 500	29 100	≤ 2023	4 300
Finland	2016	0	2016	0	61 000	2030	21 000
Germany	2019	0	2025	0	15 400	N/A	
Latvia	2015	2 500 / 0	2022	5 734 / 1 331	8 200	2045	20 500
Lithuania	2018	1 569 / 61	2024	1 823 / 1 260	3 400	2038	2 736
Poland	2015	2 778 / 134	2017	906 / 363	3 700	2020	24 800
Russia	2018		2018		1200	2017	
Sweden	2020	48 548 / 4 100	2020	69 214 / 21 695	117 800	not specif	39 000

Shipping routes remaining to be surveyed



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