

## **Re-Survey MWG Report to the BSHC 26<sup>th</sup> Conference in *Stockholm, Sweden***

### **1. Status of the work of Re-Survey MWG since BSHC 25<sup>th</sup> Videoconference, Poland**

*Ms. Maarit Mikkelsen* [FI] has acted as the Chair, *Mr. Seppo Mäkinen* [FI] acts as secretary for the MWG, since Dec 2020. 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 22<sup>nd</sup> meeting 26 April 2021 as a SKYPE videoconference, hosted by Finland

Main topics were:

- BSHC25 actions 5-8:
  - Action 5 ongoing, national responsibility;
  - Actions 6-8 completed;
- IHO S-44 ed6 (Sept 2020) effects on national hydrographic surveys;
- 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;
- Progress of the HELCOM Maritime proposal to include CAT III areas into HELCOM the Baltic Sea Action Plan;

### **3. The results of the MWG since BSHC25 (Sept 2020- June 2021)**

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

- Reporting to HELCOM MARITIME 20 (5.-8. Oct 2020 videoconference, hosted by HELCOM) [2020 chair Seppo Mäkinen];
- Actively promoting revised HELCOM Re-Survey Scheme (and CAT III areas) to be included into HELCOM Baltic Sea Action Plan 2021 at HELCOM Maritime BSAP workshops. [secretary];
- Reporting to EUSBSR PA SAFE Steering Committee meeting (EU Strategy of the Baltic Sea Region, 10 Nov 2020) at videoconference, hosted by Denmark [2020 chair Seppo Mäkinen] and PA SAFE Steering Committee meeting on 31 May 2021 at videoconference, hosted by Finland [chair];
- Reporting to HELCOM SAFE NAV 12 (videoconferencing 9 June 2021, hosted by Sweden) [secretary];

BSHC22 task 13: MSs to study and define Cat I & II areas in their waters based on AIS data. 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.

BSHC22 task 14: All MS to carry out hydrographic surveys and update HELCOM resurvey database.

2020 Chair Seppo Mäkinen has brought the item up in presentations at HELCOM MARITIME 20 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 Status at HELCOM Maritime 21 (week 43 2021) as part of 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 HSWG (of IHO) and to implement S-44 ed6 to the hydrographic work within the Baltic Sea.

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

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## 5. Actions for the BSHC 26<sup>th</sup> Conference

The BSHC 26<sup>th</sup> Conference is invited to

1. note this Report
2. note the revised HELCOM Re-Survey Scheme status, to be reported to the HELCOM Maritime 21 and EU SBSR PA Safe;
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 all revised HELCOM Re-Survey Scheme areas;
5. encourage member states to participate actively to MWG work
6. Confirmation MWG chair and secretary (beginning in 2021)
7. 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 13<sup>th</sup> 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, e.g. IHO HSWG. 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 2021 - 2025:**

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	through representation at IHO HSWG
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:

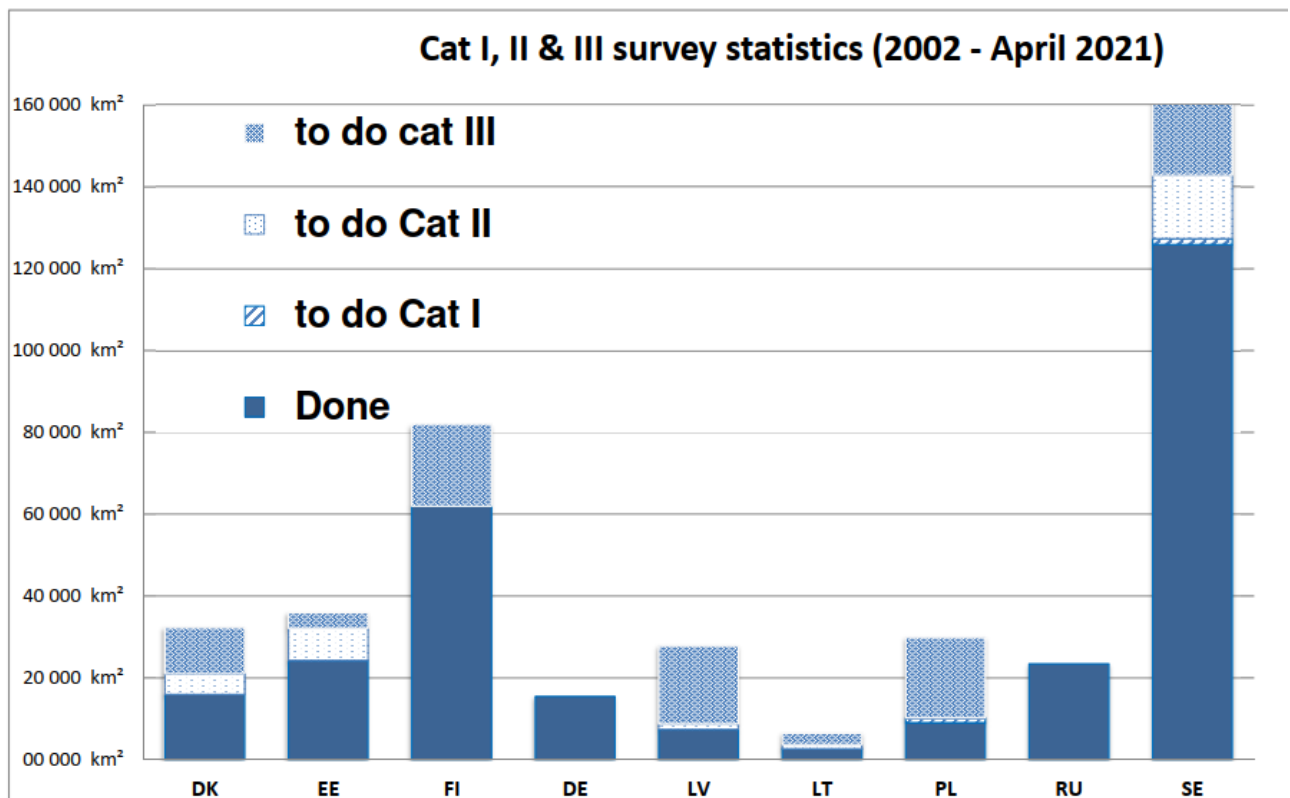
MWG12, 17 June 2015, Riga, Latvia  
 MWG13, 10 February 2016, Norrköping, Sweden  
 MWG14, 11 November 2016, Rostock, Germany  
 MWG15, 8 March 2017, Malmö, Sweden  
 MWG 16, 21-22 September 2017, Rostock, Germany  
 MWG17, 7 March 2018, Malmö, Sweden  
 MWG18, 27 August 2018, Aalborg, Denmark  
 MWG18 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  
 MWG22, 26 April 2021 SKYPE video conference

**Annex 2** to the MWG Report

HELCOM Re-Survey status statistics (April 2021)

Country	CAT I [~year compl]	Cat I area total / remaining [~km <sup>2</sup> ]	CAT II [~year compl]	Cat II area total / remaining [~km <sup>2</sup> ]	CAT I & II total [~km <sup>2</sup> ]	CAT III [~year compl]	Cat III area remaining [~km <sup>2</sup> ]	Cat III area total [~km <sup>2</sup> ]
Denmark	2013	7 631 / 0	2030	13 410 / 4 244	21 003	2033	11 221	11 221
Estonia	2015	8 413 / 0	2035	23 168 / 7 212	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	-	-
Latvia	2015	2 461 / 0	2022	6 109 / 1029	8 570	2045	19 003	19 133
Lithuania	2019	1 569 / 1	2026	1 823 / 853	3 400	2041	2 736	3 041
Poland	2022	3 787 / 1 102	2021	906 / 98	4693	2039	19 602	25 128
Russia	2018		2018		1 200	2017		22 204
Sweden	2022	48 567 / 1 491	2022	69 303 / 6 215	117 870	(*) 2036	22 690	(*) 47 393

(\*) SE has prioritized and categorized their Cat III areas (High/Medium/Low). Areas used for navigation completed 2036



Shipping routes remaining to be surveyed

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