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## Re-Survey MWG Report to the BSHC 24<sup>th</sup> Conference in Gdansk, Poland

### 1. Status of the work of Re-Survey MWG since BSHC 23<sup>rd</sup> Conference, Aalborg

Mr. Seppo H Mäkinen [FI] has acted as the Chair. There is no permanent secretary for the MWG. Lars Hansen [DK] acted as the secretary of the MWG 18<sup>th</sup> meeting and Jean-Guy Nistad [DE] for the 19<sup>th</sup> 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.

### 2. Monitoring Working Group meetings

#### MWG 18<sup>th</sup> meeting 27 August 2018 at GST, Aalborg, Danmark

The meeting was held right before BSHC23 conference. The main subject was to go through and discuss the BSHC23 MWG report 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. Seppo Mäkinen [FI] opened the chair and vice-chair positions. No candidates for either position. Seppo Mäkinen [FI] will continue for the time being.

#### MWG 18 B meeting and S-44 HSPT regional discussion group workshop was held on 14-15 November 2018 at Maritime Administration of Latvia, Riga, Latvia

A combined workshop and meeting was held in order to discuss the work of the S-44 HSPT and to bring the BSHC perspective. The BSHC member states participants of the HSPT took note of the lively discussion for the preparation of S-44 ed 6.

- A regional S-44 PT regional discussion took place and the work of the IHO S-44 HSPT was discussed thoroughly 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.

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### MWG 19<sup>th</sup> meeting 16-17 April 2019 at Eesti Veeteede Amet, Tallinn, Estonia

The meeting concentrated to discuss the following

- IHO S-44 PT (HSPT) work, based on S-44 ed 6 draft 1.5.1. widely explained by Jean-Guy Nistad [DE] and Hans Öiås [SE]
- to prepare the BSHC24 MWG report
- to prepare the HELCOM re-survey scheme assessment;
- to prepare a proposal to BSHC24 of a possible continuation of HELCOM Re-survey Scheme containing Cat III areas.
- LT, PL and RU should discuss the CAT I & II areas in the South-Eastern corner of the Baltic Sea. There are clear discontinuations in the Fairway areas on the border.

These documents will be updated jointly by correspondence.

### **3. The results of the MWG during 2018- early 2019**

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

- Reporting to HELCOM MARITIME 18/2017 (November 2018 in Hamburg, Germany)
- Reporting to EUSBSR PA SAFE Steering Committee meeting (EU Strategy of the Baltic Sea Region, 9 May 2019) In Helsinki – Stockholm ferry, Finland - Sweden.

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 18 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 asks guidance from BSHC24 on HELCOM Re-Survey Scheme continuation and proposes two alternative actions (see item C.1.2):

- a. continue, as the current Re-Survey Scheme is;
- b. Update the Re-Survey Scheme to include Cat III areas (area and timetable wise);

Continue cooperation with STM-FAMOS project (EU CEF program, TEN-T) 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 9 meeting item 6.1 on 7 Sept 2018 in Copenhagen, Denmark.

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 10 meeting will be held in Copenhagen on 7 Sept 2019 and HELCOM MARITIME 19 will be held at EMSA in Lisbon 24-26 Sept, 2019.

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

The MWG has it's next meeting in Gdansk, back-to-back with BSHC24, on 10.9.2019 commencing at 10:00.

## **5. Actions for the BSHC 24<sup>th</sup> Conference**

The BSHC 24<sup>th</sup> Conference is requested to

1. note this Report
2. approve the HELCOM Re-Survey Scheme assessment report to be presented to HELCOM Maritime 19;
3. Decide on the continuation of the HELCOM Re-Survey Scheme, to be presented to HELCOM Maritime 19 (see item C.1.2):
  - a. Continue work as for now. The Cat I & II areas to be estimated to be completed by 2030;
  - b. Mandate MWG to update the HELCOM Re-Survey Scheme to include the Cat III areas and to estimate a timetable for the work;
4. endorse the MWH regional discussion group stand on the IHO S-44 HSPT ed 6 draft. (see item C.1.3)
5. encourage member states to study and define Cat I & II areas in their waters based on the existing AIS-information on commercial shipping
6. encourage member states to perform re-surveys in areas of commercial shipping
7. encourage member states to participate actively to MWG work
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 2016 - 2020**

[Version 8, approved on 20 Sept 2017 at BSHC22]

**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. 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:

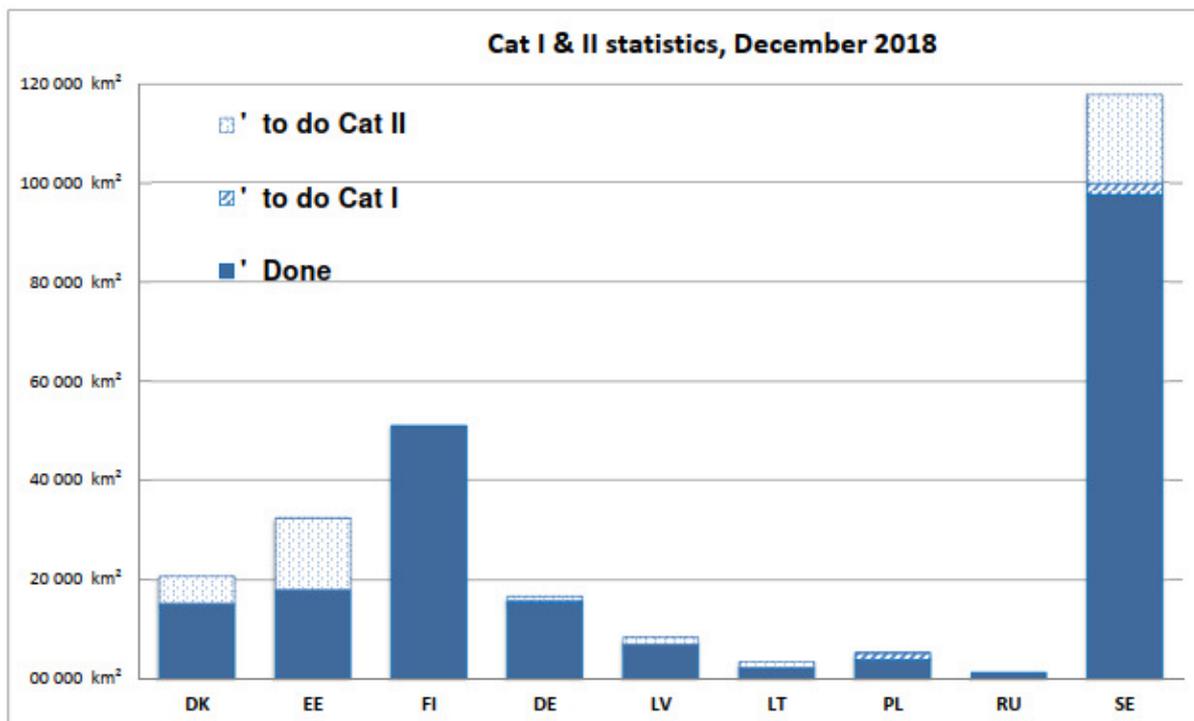
MWG11, 10 June 2014, Riga, Latvia  
 MWG12, 17 June 2015, Riga, Latvia  
 MWG13, 10 February 2016, Norrköping, Sweden  
 MWG14, 11 November 2016, Rostock, Germany  
 MWG15, 8 March 2017, Malmö, Sweden  
 MWG 16, 21-22 September 2017, Rostock, Germany  
 MWG17, 7 March 2018, Malmö, Sweden  
 MWG18, 27 August 2018, Aalborg, Denmark  
 MWG18 B, 14-15 November 2018, Riga, Latvia  
 MWG19, 16-17 April 2019, Tallinn, Estonia

**Annex 2** to the MWG Report

HELCOM Re-Survey status statistics (Q4 2018 - Q2 2019)

Country	CAT I [year]	area total / remaining [~km <sup>2</sup> ]	CAT II [year]	area total / remaining [~km <sup>2</sup> ]	CAT I & II total [~km <sup>2</sup> ]	CAT III [year]	Cat III area remaining [~km <sup>2</sup> ]	Cat III area total [~km <sup>2</sup> ]
Denmark	2013	0	2030	12 085 / 5 457	21 300	not specif		
Estonia	2015	0	< 2028	23 168 / 11 935	29 100	≤ 2023	4 300	
Finland	2016	22 321 / 0	2016	28 678 / 0	51 000	2030	21 000	31 042
Germany	2019	230	2025	950	15 400	N/A	0	0
Latvia	2015	2 500 / 0	2022	6109 / 1376	8 609	2045	20 500	
Lithuania	2018	1 569 / 21	2025	1 823 / 1 142	3 400	2039	2 736	3 041
Poland	2019	4 343 / 1 403	2020	906 / 153	5 249	2039	19 964	24 180
Russia	2018		2018		1200	2017		
Sweden	2020	48 568 / 2 145	2020	69 538 / 16 233	118 106	not specif	39 000	

Shipping routes remaining to be surveyed



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