

TRAFICOM

Finnish Transport and Communications Agency



BSHC 28
19-21.9.2023

C2 Monitoring
Working Group
(MWG) report

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Status of the work of Re-Survey MWG

- ▶ The work of Re-Survey has the strong political commitment
 - ▶ At the HELCOM Ministerial meeting on October 2021 the Commission adopted the updated HELCOM Baltic Sea Action Plan (BSAP)
- ▶ The aim is that the entire Baltic Sea will be surveyed according to IHO standards and with full seabed coverage
- ▶ The communication within the MWG has been by e-mails and face-to face meeting
 - ▶ The MWG 23rd meeting was hosted by Finland on 16 March 2023

The results of the MWG since BSHC27

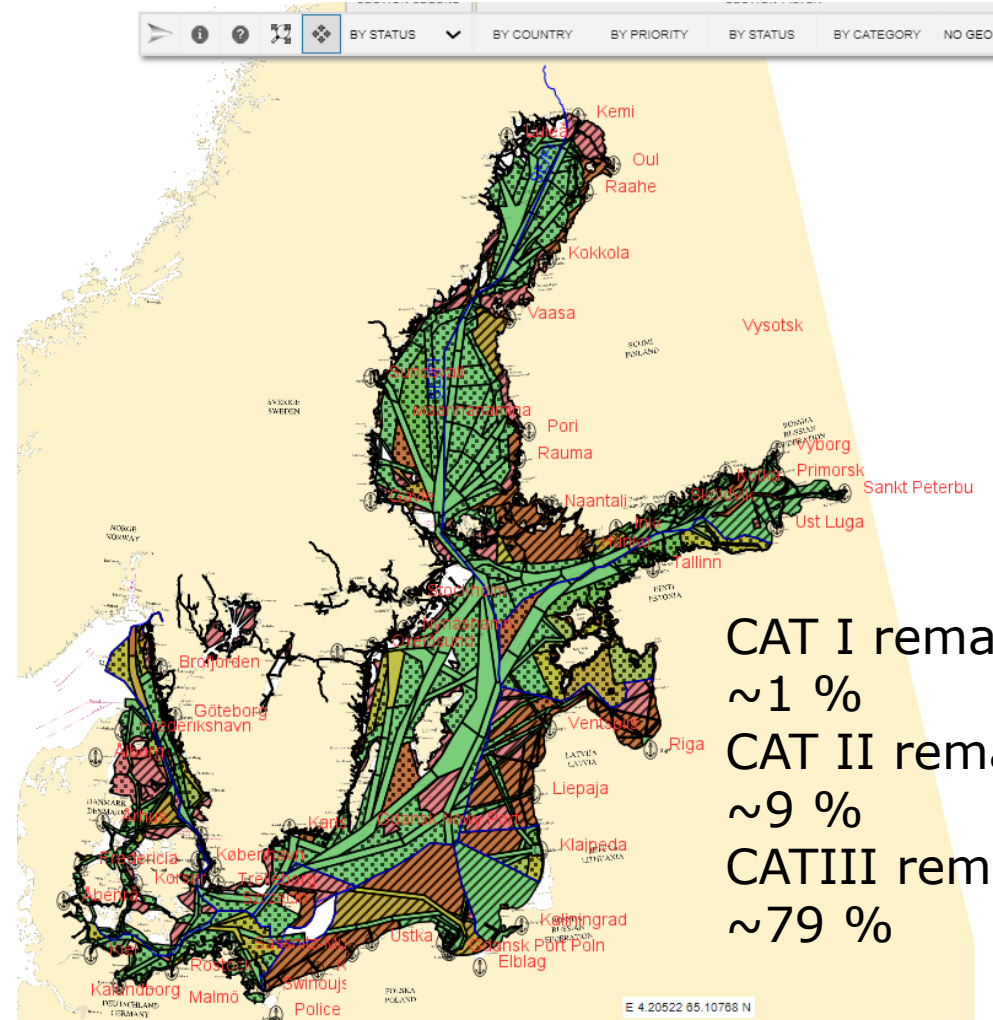
► BSHC 27th action BSHC26 / C.1

- The member states have reported their updated figures of progress of surveys

HELCOM Survey statistics, spring 2023 [based on e-mails of member states spring 2023]					Completed field surveys and data verified					
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]	statistics by	
Denmark	2013	7 631 / 0	2030	14582 / 3166	22 213	2033	10 244	10 925	03.3.2023	
Estonia	2015	8 465 / 0	2035	24 822 / 7 812	33 287	2040	2 543	2 956	4.3.2023	
Finland	2016	22 321 / 0	2016	28 678 / 0	51 000	2040	21 700	31 077	31.12.2022	
Germany	2019	3 273 / 0	2025	12 127 / 0	15 400	not applic	-	-	7.8.2023	
Latvia	2015	2 461 / 0	2023	6 109 / 949	8 570	2045	18 838	19 133	31.12.2021	
Lithuania	2019	1 569 / 1	2026	1 823 / 671	3 400	2040	2 536	3 041	24.2.2023	
Poland	2023	3 782 / 965	2021	906 / 0	4688	2039	19 074	25 126	8.2.2023	
Russia	2018		2018		1 200	2017		22 204		
Sweden	2023	48 568 / 0	2023	69 302 / 2048	117 870	(*) 2036	35 557	(*) 47 393	31.12.2022	

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

BSHC HELCOM updated harmonized Re-Survey Scheme status



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

The results of the MWG since BSHC27

▶ BSHC 27th action BSHC26 / B.3.9

- ▶ ASV/USV workshop held in conjunction with MWG23 meeting March 16 2023
 - ▶ PL and SE each gave a presentation on their experiences from using ASV/USV
 - ▶ The survey systems itself are much the same as for traditional hydrographic surveys
 - ▶ The challenges with ASV lies in how to organize field personnel
 - ▶ The main challenge is how to manage navigational rules and obstacle avoidance

The results of the MWG since BSHC27

▶ BSHC 27th action BSHC26 / D.8

- ▶ BSHC MWG to consider the possible use of CSB data in the Baltic Sea region, and report back.
 - ▶ For MWG23 meeting an inquiry was made regarding the use of CSB. Member states reported how they use CSB and results were documented in excel sheet
 - ▶ Some member state
 - ▶ use of bathymetry from trusted external sources
 - ▶ and others
 - ▶ no plans for using CSB

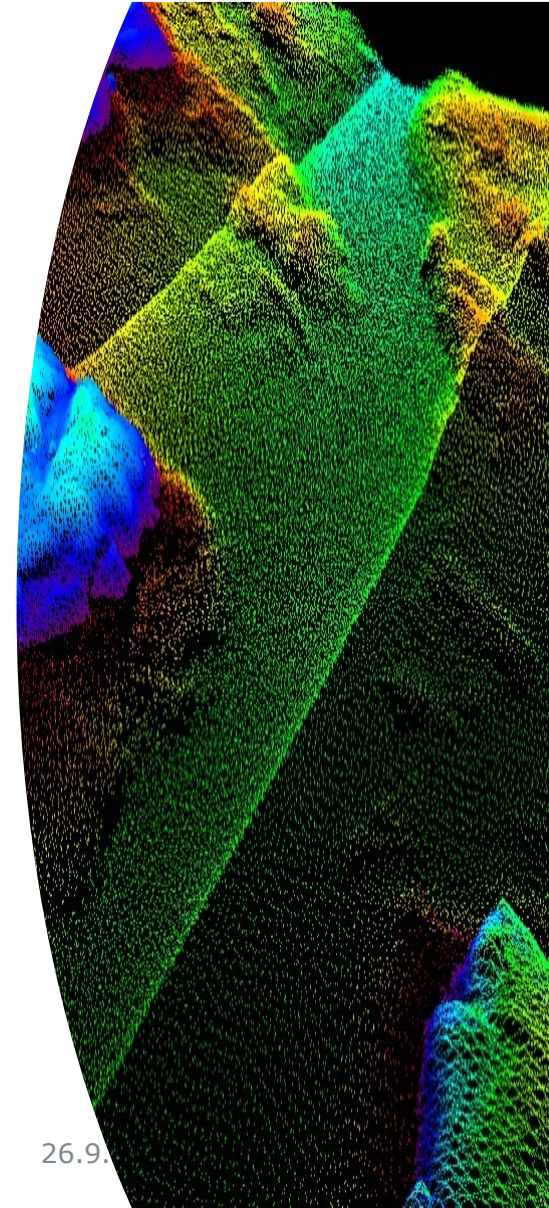
The results of the MWG since BSHC27

▶ **BSHC 27th action BSHC27 / B.2**

- ▶ Percentages of adequately surveyed area of each member states is sent to the IHO Secretariat, to be used for SPI 1.2.2 related survey coverage analysis.
- ▶ Presentations were given by MWG members in following meetings, as planned:
 - ▶ Reporting to HELCOM MARITIME 22, September 2022
 - ▶ Reporting to EUSBRS Pa Ship & Safe Steering Group -Operational Part meeting May 2023

Future work of the Baltic Sea national Hydrographic Offices

- ▶ To progress of re-surveys and to enhance the use of the Re-Survey database
- ▶ Follow up HELCOM Head of Delegates outcome 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 with future possible EU CEF program (TEN-T) and EU REGIO (Interreg) funding projects concerning Re-Surveys in the Baltic Sea
- ▶ MWG will present the updated Harmonized Re-Survey Scheme in appropriate meetings for example HELCOM Maritime 23 in Norrköping on 24.-26.10.2023
- ▶ To promote collecting the bathymetric data for the cartographic purpose at the Baltic Sea HELCOM Routes, with the reference to the BSCD2000 geoid model



The BSHC 28th Conference is invited to

▶ Note

- ▶ this report

- ▶ That the revised HELCOM Re-Survey Scheme status, to be reported to the HELCOM Maritime 23 on 24.-26.10.2023 and EU SBSR PA Safe operational meeting on 12.9.2023

- ▶ that MWG enquires representation from Germany to MWG

- ▶ that MWG enquires candidates to act as MWG vice-chair

▶ Encourage member states

- ▶ to study and define Cat I & II areas in their waters based on the existing AIS-information on commercial shipping

- ▶ to perform re-surveys in all revised HELCOM ReSurvey Scheme areas

- ▶ to participate actively to MWG work

▶ Take necessary action

- ▶ to influence, that hydrographic and maritime transport needs and safety are taken into account within Maritime Spatial Planning in the Baltic Sea Member States

- ▶ give further guidance to MWG, as seen appropriate

Thank You

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