Liikenne virasto

Safer routes for shipping:

Speed up re-surveys in the Baltic Sea,

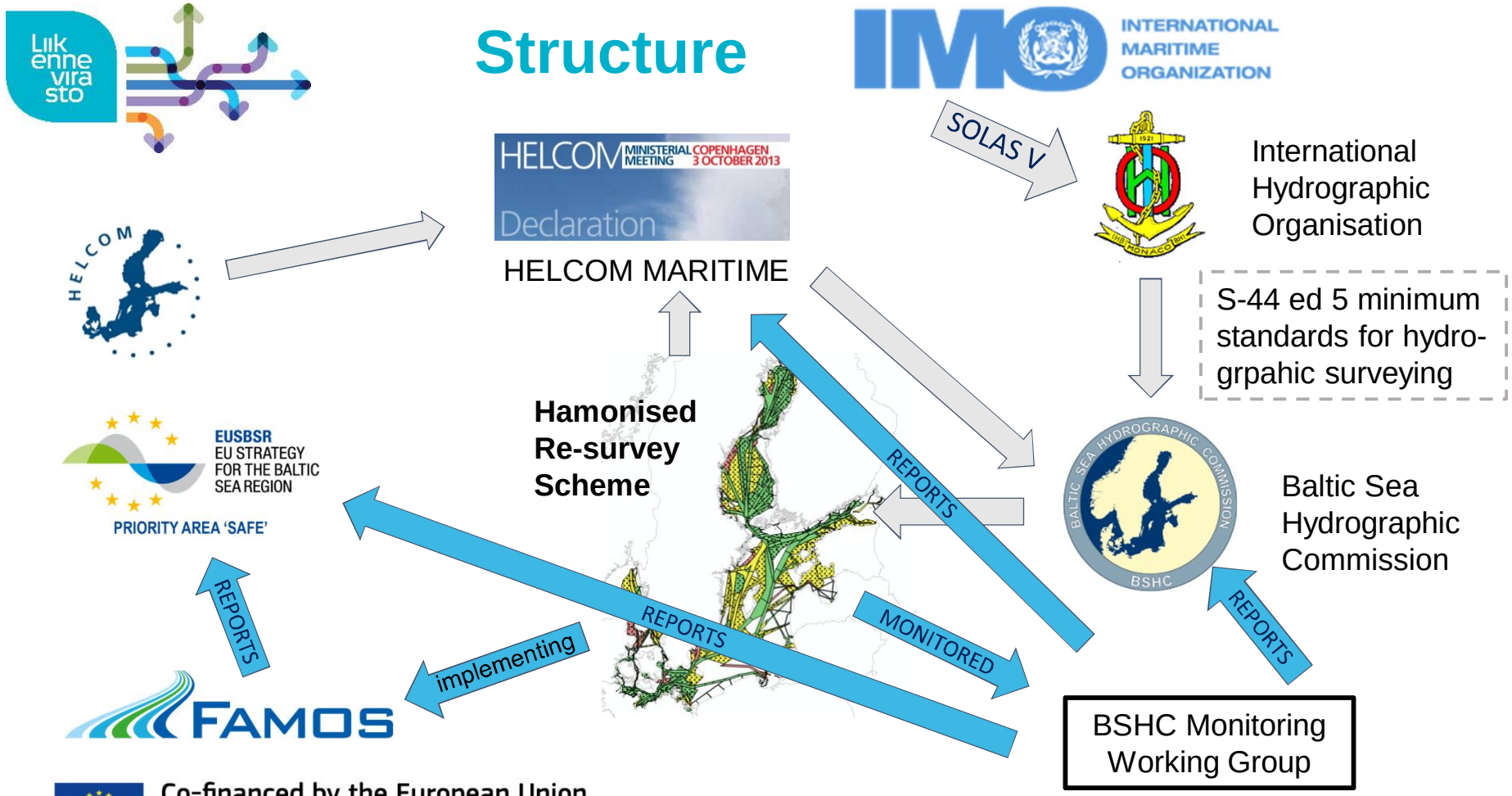
a flagship project

EU BSRS PA SAFE

Gdynia, Poland, 9 Nov 2017

Seppo Mäkinen

Structure



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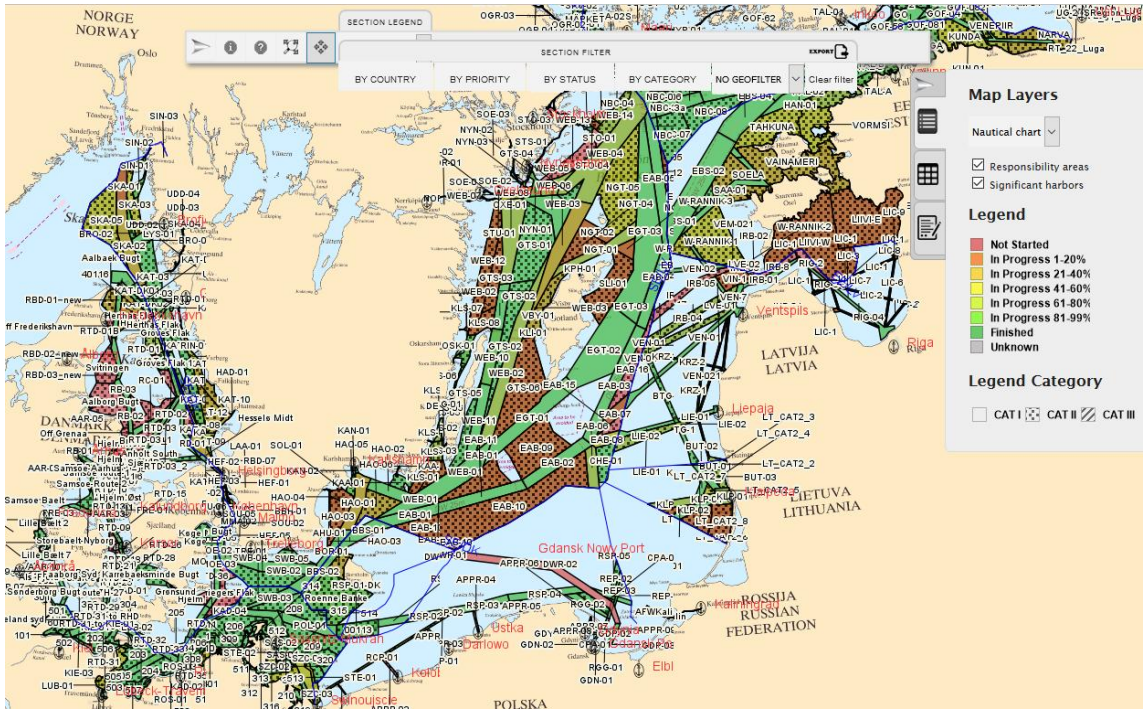
Re-survey database maintained at Swedish Maritime Administration,



Cat I&II status

- finished
- in progress
- not started

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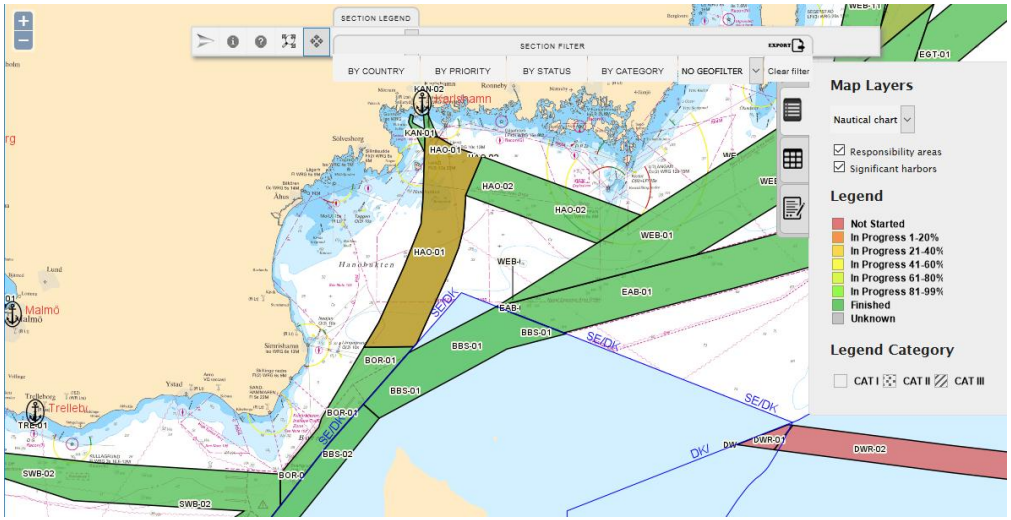
BSHC Re-survey database [SMA]



https://**helcomresurvey.sjofartsverket.se**/

New user interface. Possibility to have chart background.

Possibility to export selected data in Shapefile and CSV file formats

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Timetable as agreed by BSHC

Country	CAT I [year]	area total / remaining [~km²]	CAT II [year]	area total / remaining [~km²]	CAT I & II total [~km²]	CAT III [year]	Cat III area remaining [~km²]
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

Informal goal: 99% of areas relevant for shipping by 2020

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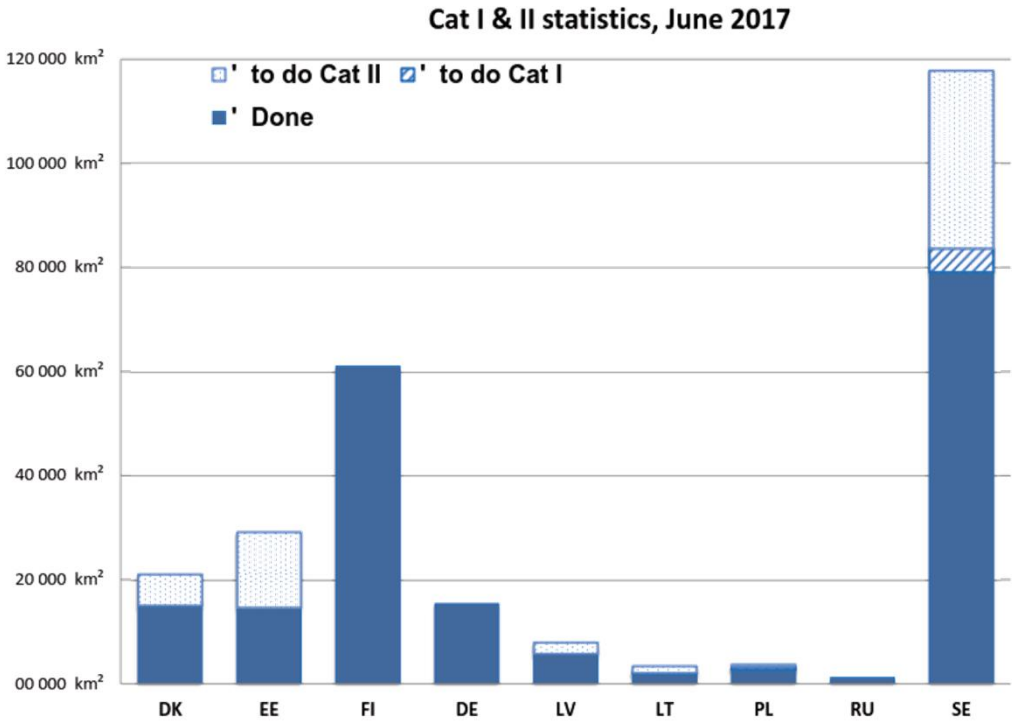
HELCOM cat I & II shipping routes (HELCOM ministerial meeting Copenhagen decision) remaining to be surveyed



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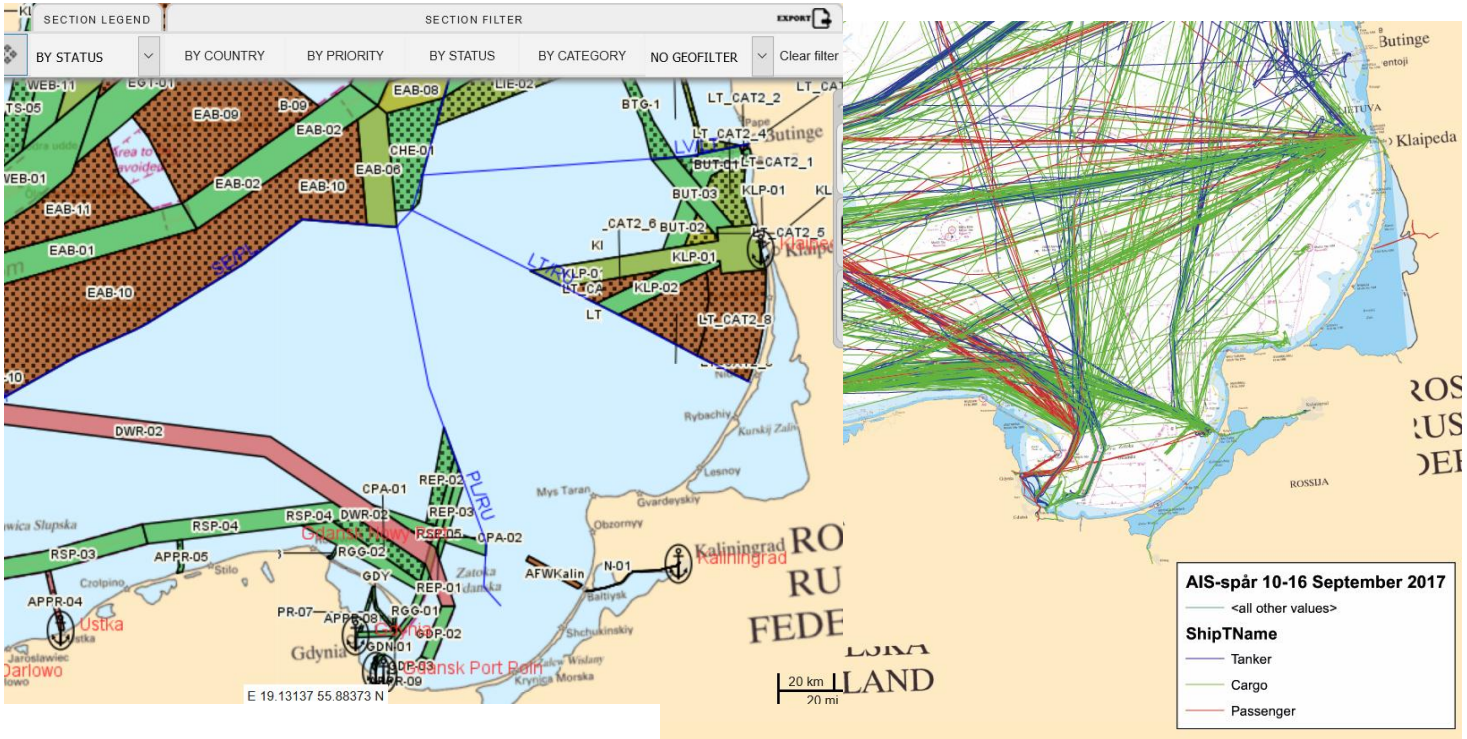
Raising awareness on SouthEast Baltic



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Raising awareness on SE Baltic

- Subject brought up and monitored at HELCOM SAFE NAV meetings:
  …contracting parties … to closely study and, if needed, revise the Cat I & II areas in their waters based on up-to-date hydrographic surveys and current commercial shipping AIS info to ensure safe navigation in their waters.
  -> Further HELCOM Head of Delegates meeting in Dec 2016, outcome 6.73;

- HELCOM AIS analytics performed by all contracting parties and HELCOM Secretariat
  -> density of shipping, amount of hazardous cargo
  -> member states decisions on Cat I and II shipping routes;

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Other current BSHC activites

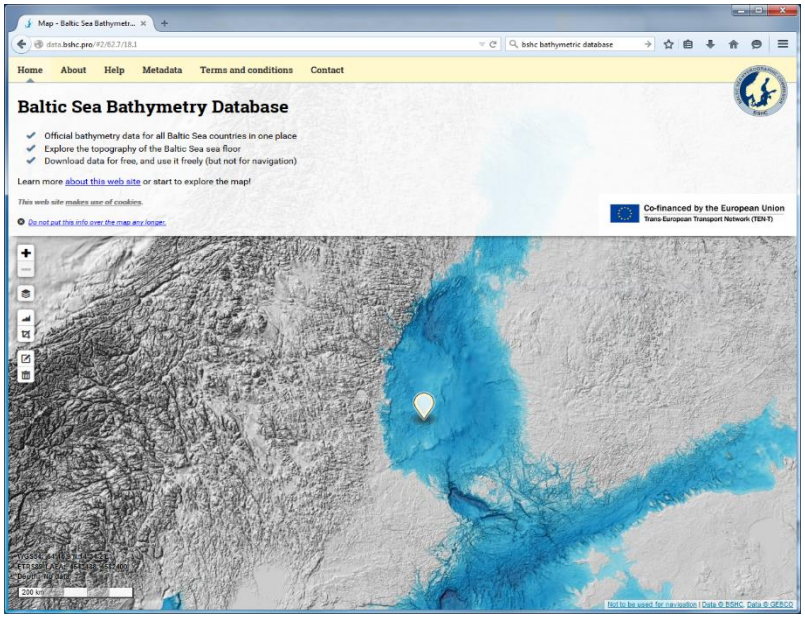
Baltic Sea Hydrographic Commission actions for harmonizing hydrographic activities and products for safe navigation are continuing in the Baltic Sea, including:

- International (INT) chart coordination;
- Electronic Nautical Chart (ENC) harmonisation;
- Harmonisation of depth presentations in nautical products;
- Implementing common vertical reference: Baltic Sea Chart Datum 2000 (BSCD2000)
- Updating the BSHC Bathymetric DB

EU BSRS PA SAFE is invited

1. To note the Status Report of HELCOM-BSHC Baltic Sea Re-survey Scheme;
2. To encourage member states to perform re-surveys in areas of commercial shipping;
3. To encourage member states to study and define Cat I & II areas in their waters based on the existing AIS-information on commercial shipping;
4. To encourage member states to participate in EU funding programs to enhance the re-surveys;
5. To give further guidance to the Baltic Sea Hydrographic Commission Monitoring Working Group (BSHC MWG), as seen appropriate

BSHC Baltic Sea Bathymetric Database http://data.bshc.pro



The BSHC Bathymetric Database is being used in several occations and that is an useful information source. The DB is updated about 2-3 times annually by the Member States, as new data has been surveyed and verified.