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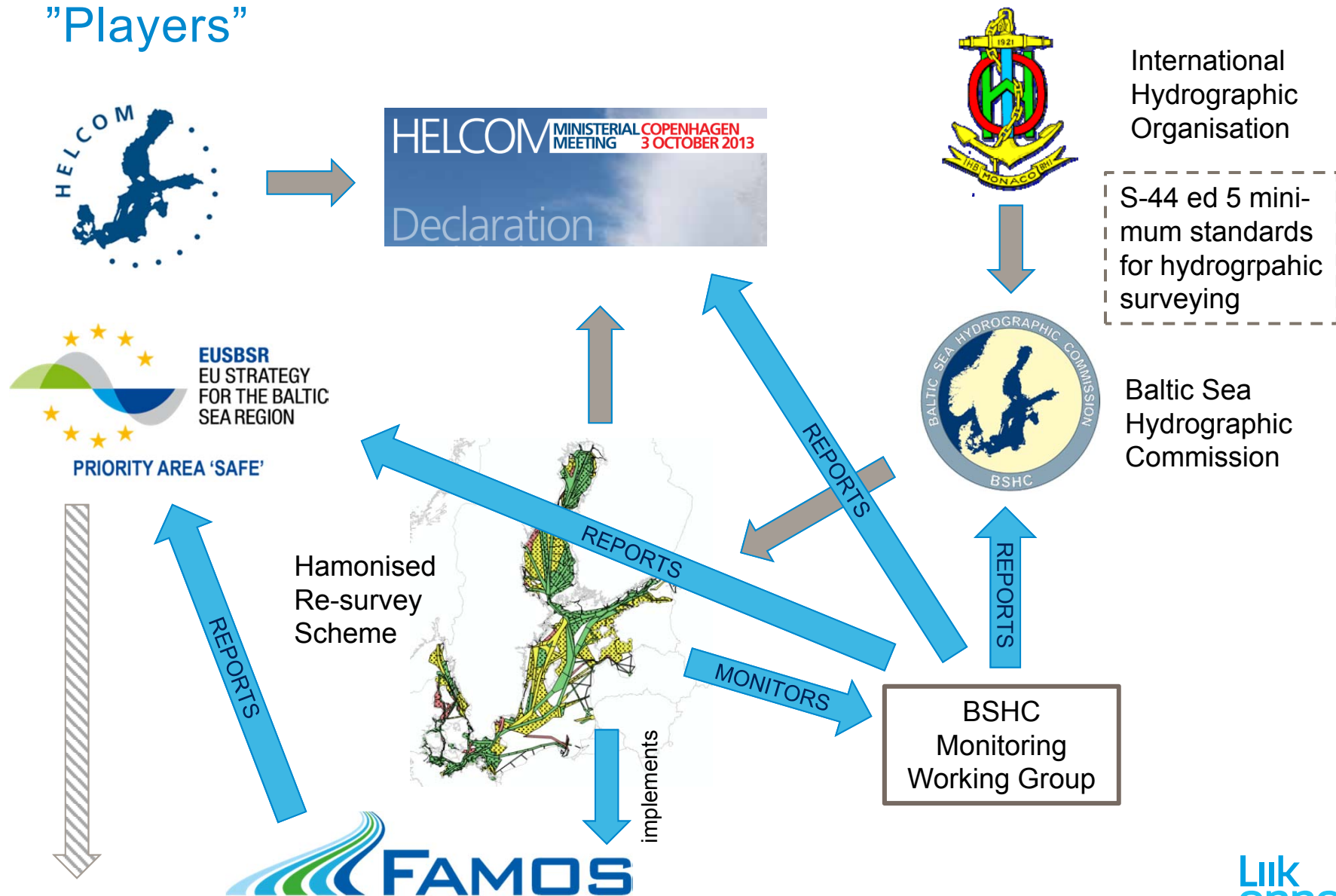
Speed up re-surveys in the Baltic Sea

EU BSRS PA Safe steering group
7.12.2016

Seppo H. Mäkinen



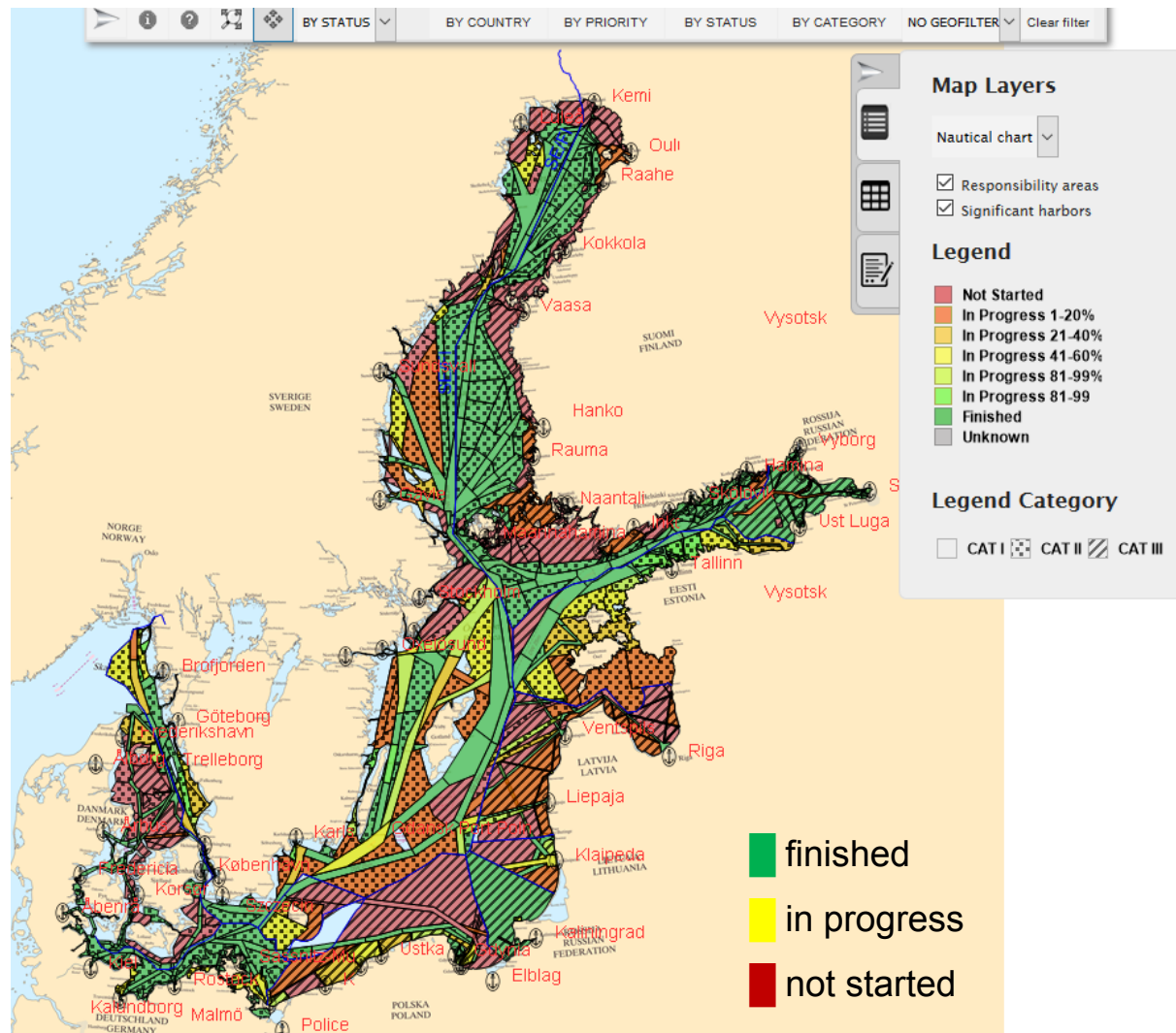
"Players"



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HELCOM Re-Survey status CAT I & II

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



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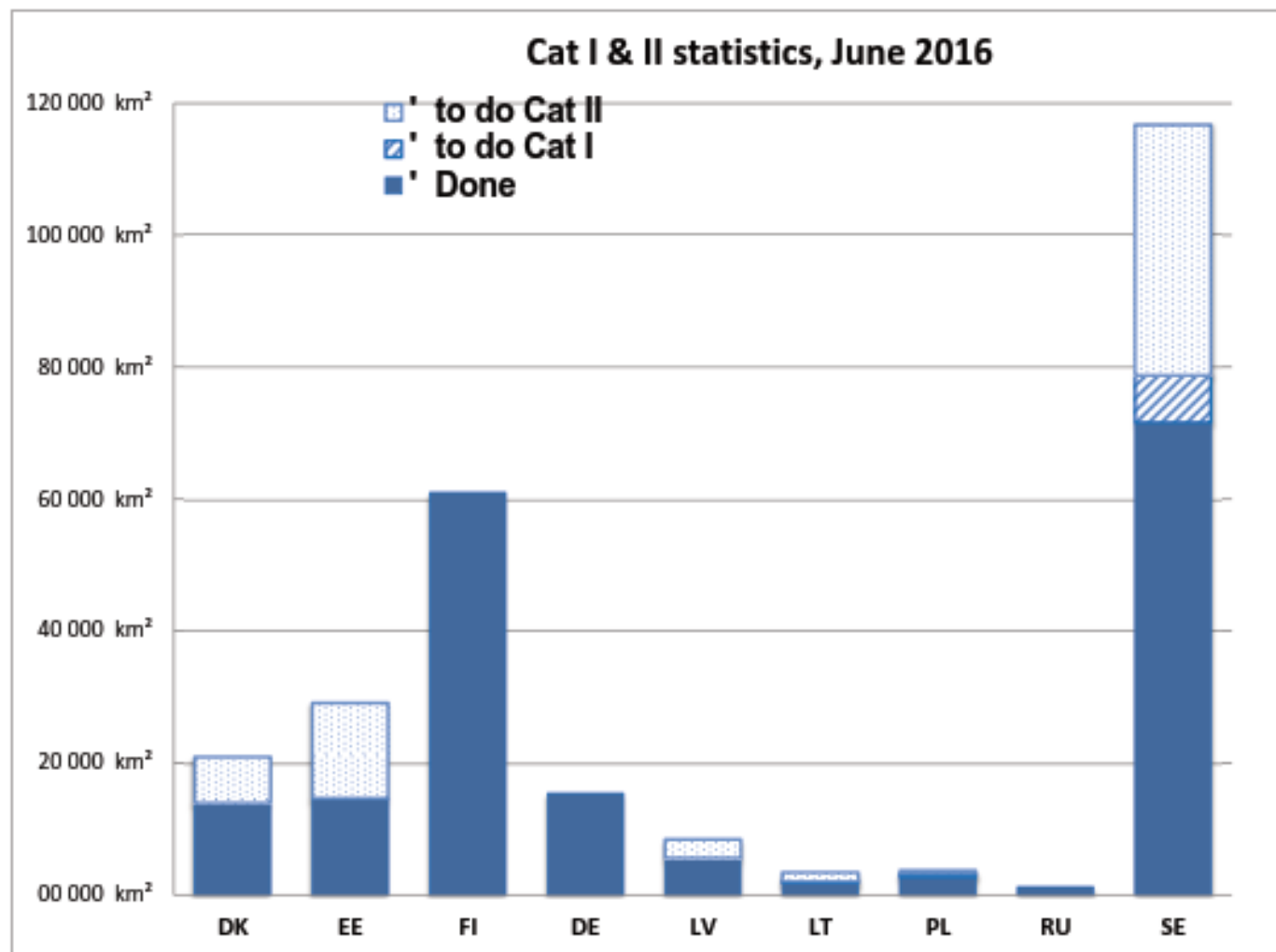
Timetable as agreed by BSHC MWG

Country	CAT I	CAT II	Remarks
Denmark	2013	2030	
Estonia	2015	2028	CAT I finished earlier than planned
Finland	2016	2016	Finished
Germany	2019	2025	Periodic re-surveys planned
Latvia	2015	2022	
Lithuania	2018	2024	Re-classed significant amount CAT III → II
Poland	2015	2017	Periodic re-surveys planned
Russia	2018	2018	
Sweden	2020	2020	

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



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



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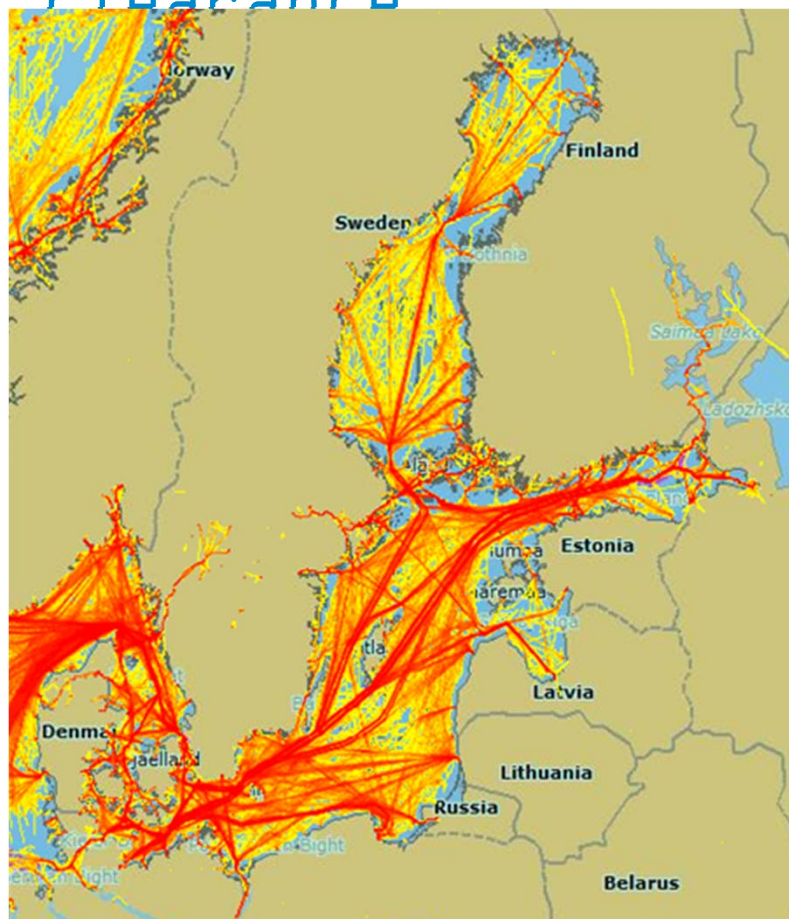
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5

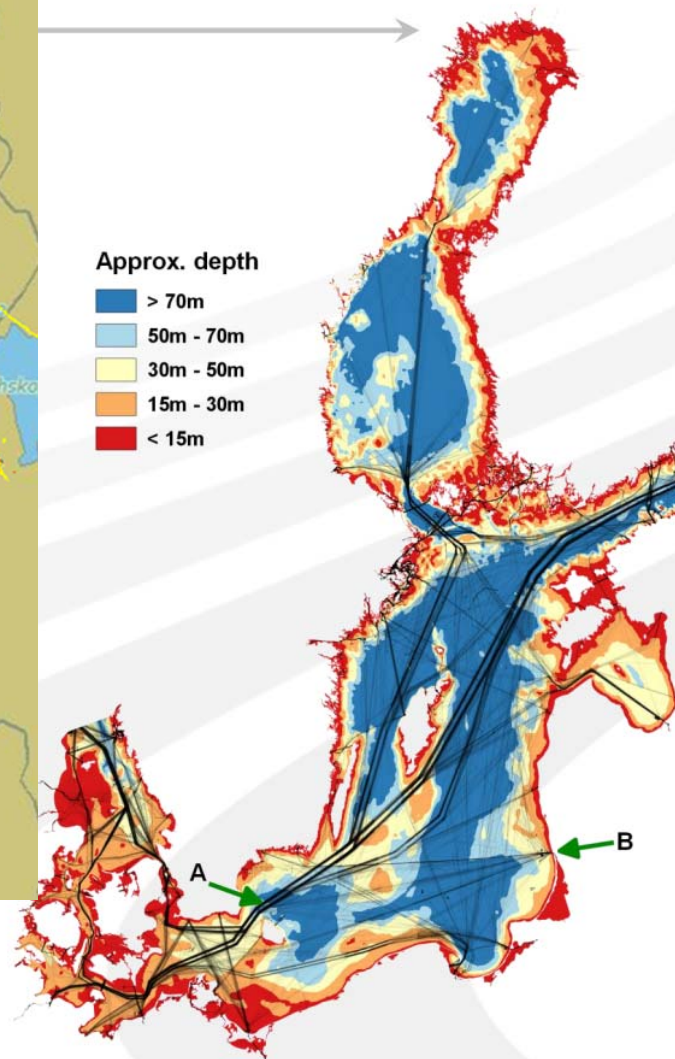
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HELCOM routes: AIS, underkeel clearance



Approx. depth



HELCOM AIS

info



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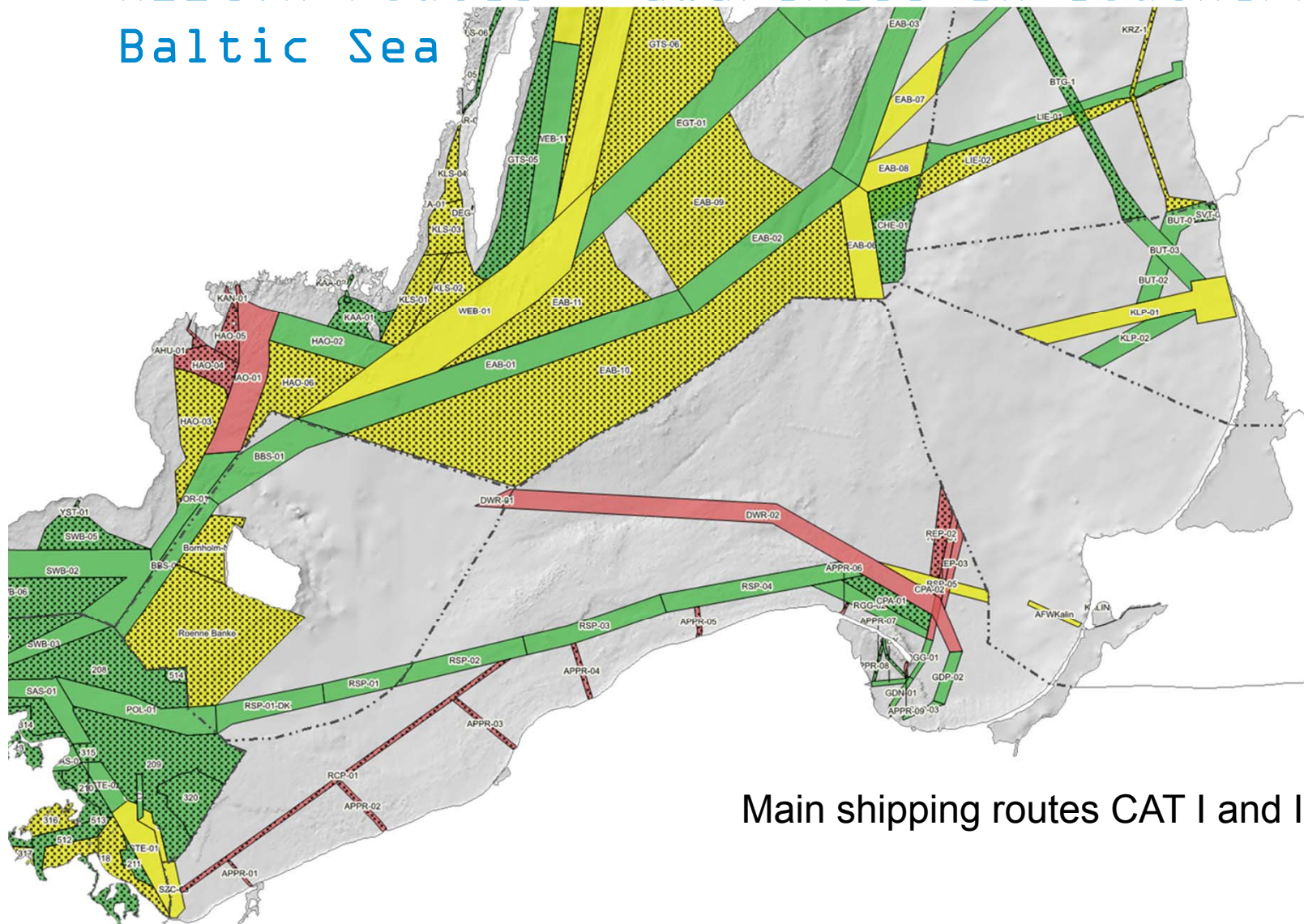
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6

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HELCOM routes: awareness in Southern Baltic Sea



Main shipping routes CAT I and II



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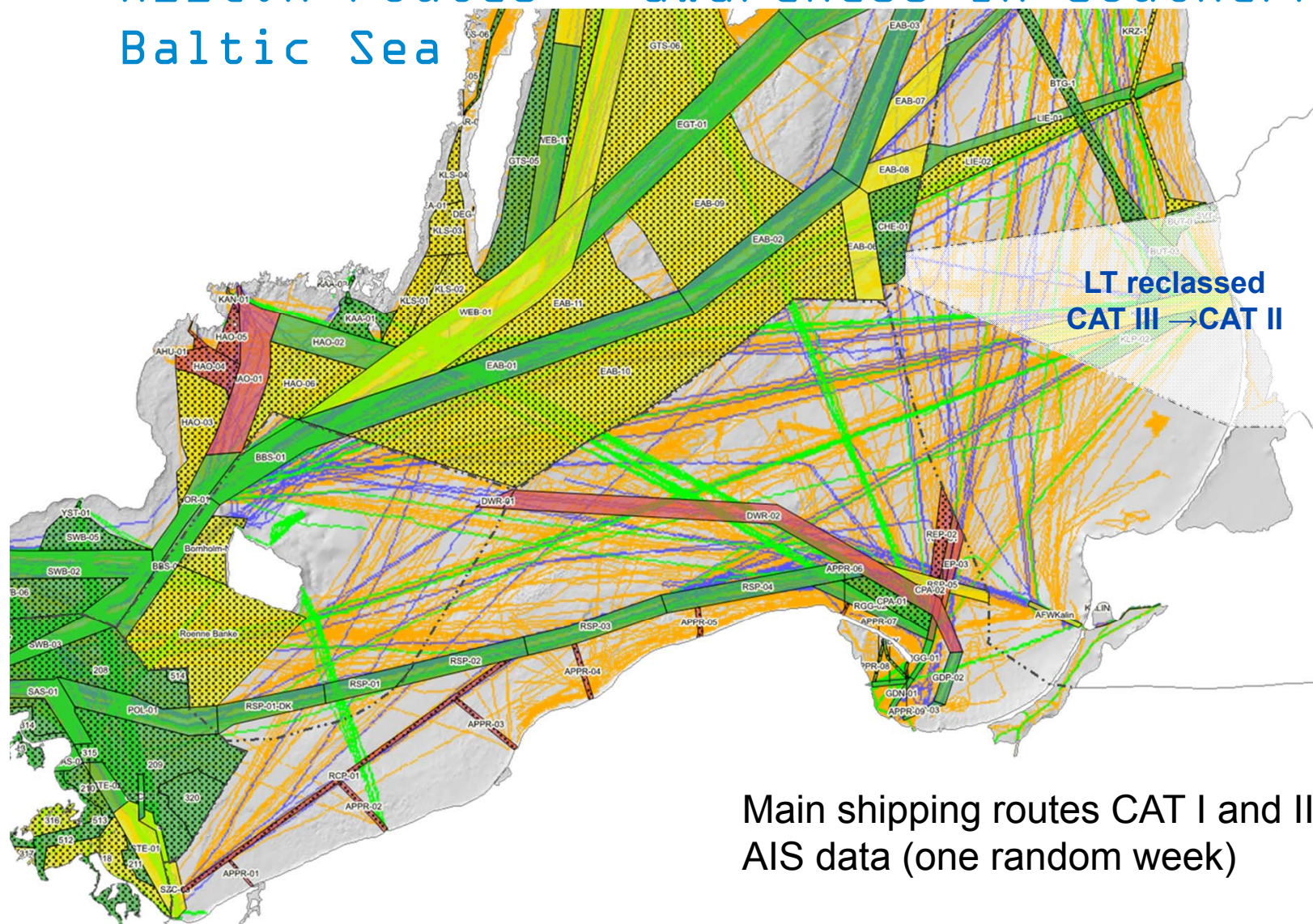
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7

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HELCOM routes: awareness in Southern Baltic Sea



Main shipping routes CAT I and II
AIS data (one random week)



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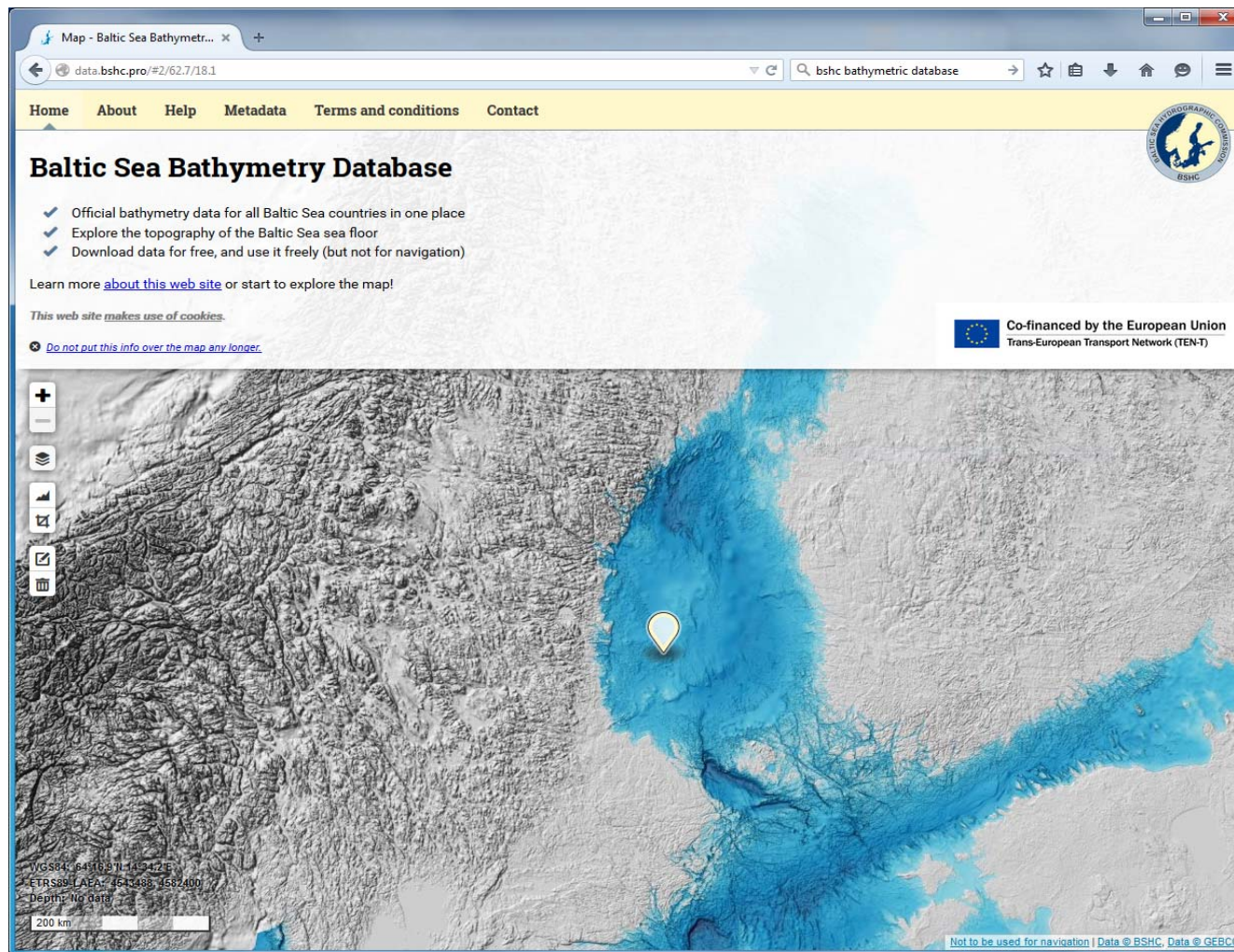
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8

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



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9

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