



# Baltic Sea Hydrographic Commission

Report to IRCC15

Tokyo, Japan  
12 – 14 June 2023

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BSHC Chair



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# Key Achievements

International  
Hydrographic  
Organization

- Hydrographic Re-survey Monitoring and coordination
  - The HELCOM Re-Survey Plan (Baltic Sea Re-Survey Plan) has been maintained based on latest traffic patterns. The three categories of survey areas covers the whole Baltic Sea water body.
  - The most important waterways and areas covering common shipping routes have now been re-surveyed and work continues with the lower priority waters.
- Harmonized Chart Datum in the Baltic Sea
  - The Commission has developed the Baltic Sea Chart Datum 2000 (BSCD 2000) as a common Chart Datum and Vertical Reference Frame for all waters within the Baltic Sea.
  - The implementation of the common Baltic Sea Chart Datum 2000 (BSCD2000) proceeds satisfactorily by many member states.
- Maritime Safety Information (MSI)
  - Baltic Sea MSI Working Group has been operating under umbrella of BSHC since 2018. A new routine has implemented to improve MSI communication between the national coordinators and to avoid having navigational warnings in-force longer than necessary.



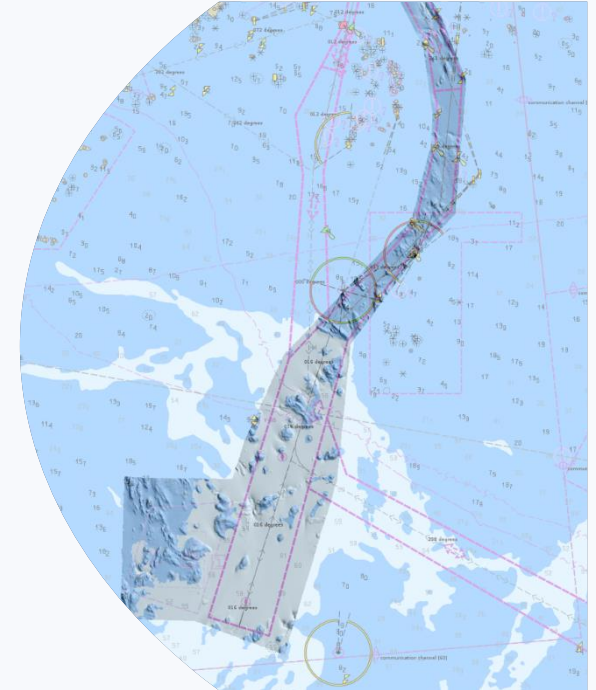


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# Key Achievements

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- The Commission has established a Strategic Correspondence Group for overall coordination of the S-100 implementation within the Baltic Sea Region. The group will take care that the decisions and actions made by the Commission are in line with the IHO Strategic Plan. The Commission has given priority to the implementation of S-100 route monitoring products, as recommended in the IHO S-100 Roadmap.
  - The BSICC Working Group have been tasked to coordinate and harmonize the implementation of S-101 ENC and S-102 Bathymetric Surface products in the Baltic Sea region.
  - The BSMSI Working Group has been tasked to coordinate the implementation of Navigational Warnings to S-124 format.
  - The BSCD Working Group has been tasked to coordinate the implementation of Water Level Information to S-104 and Surface Currents to S-111 format.
- Baltic Sea Hydrographic Offices together with Oceanographic, Academia and Private sector partners are planning to speed up S-100 implementation in the region by establishing the Baltic Sea e-Nav project. The project is co-financed by the EU. The project schedule is 2024 - 2026 and kickoff is planned to take place in November 2023.





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# Important Findings (BSHC top 3 challenges)

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- A major challenge is the implementation of S-100 products and services in the region. Currently the BSHC has prioritized to coordinate implementation of the route monitoring products, as pointed out in the IHO S-100 Roadmap. Appointed WGs will start up discussions on harmonization, timelines, technical coordination and dissemination strategies of S-100 products. A need for knowledge building on S-100 standards and implementation are also identified.
- The implementation of the common Baltic Sea Chart Datum 2000 (BSCD2000) proceeds satisfactorily by many Member States. However, the work is time and resource consuming due to incomplete metadata of the depth data in the database. For some Member States it will take several years to get the job done.



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# Lessons Learned

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- The revised BSHC Re-survey plan has been adopted and included in the HELCOM Baltic Sea Action Plan, signed at HELCOM Ministerial Meeting by the MSs and the EU Commission. This high level national and multilateral support is very important for the implementation of the plan.
- Thanks to a good multibeam survey coverage and automated depth contour tools, the high density (intervals) depth contours and related depth areas can be produced for the ENC. Several BSHC Member States are populating their ENCs with high density contours mostly on the major merchant fairways and ports in large scale ENC (Berth, Harbour and Approach) products.



# IHO Proposals

International  
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- The IRCC is invited to:
  - Note the report of the Baltic Sea Hydrographic Commission
  - Take any other action considered appropriate



Participating via VTC:  
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