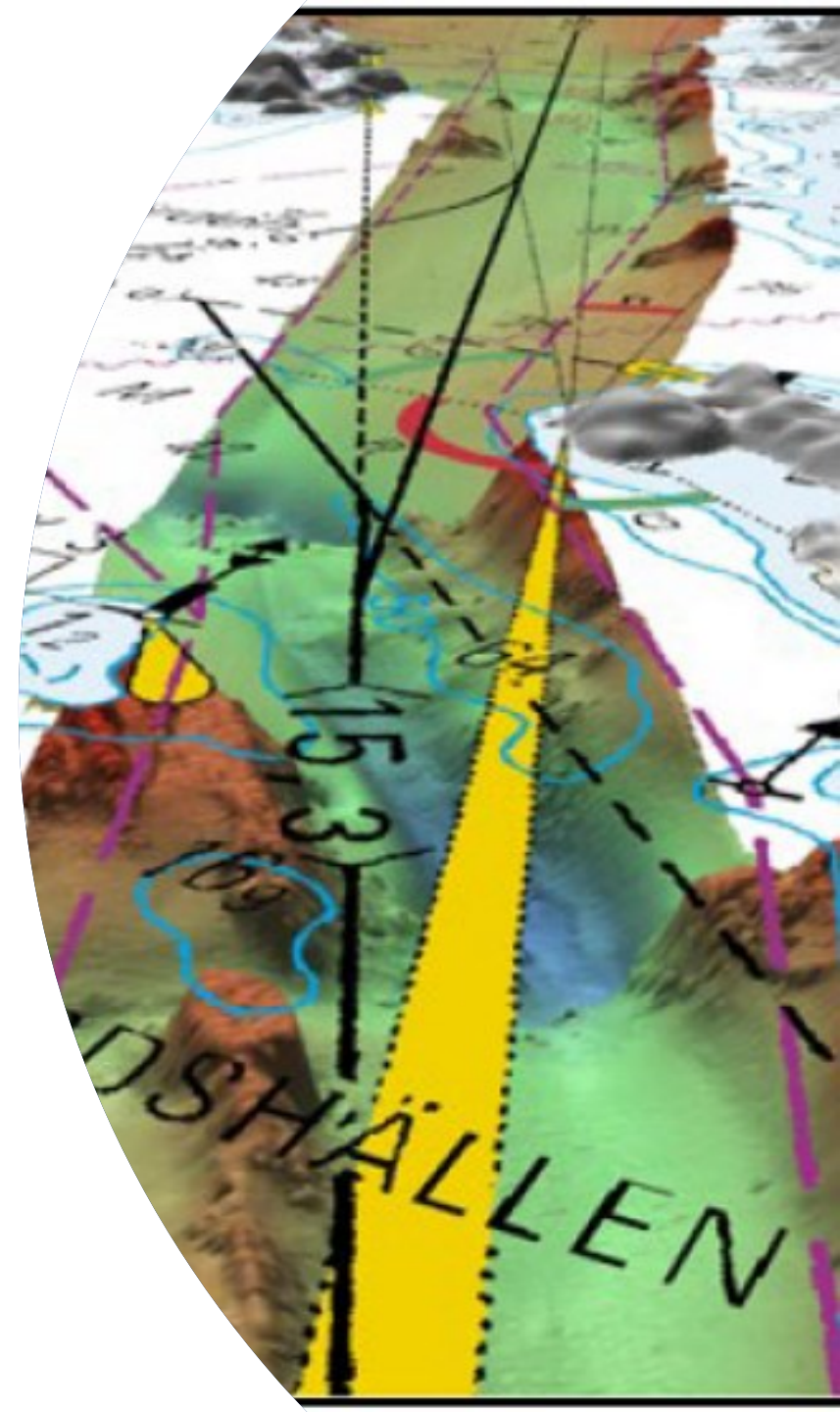




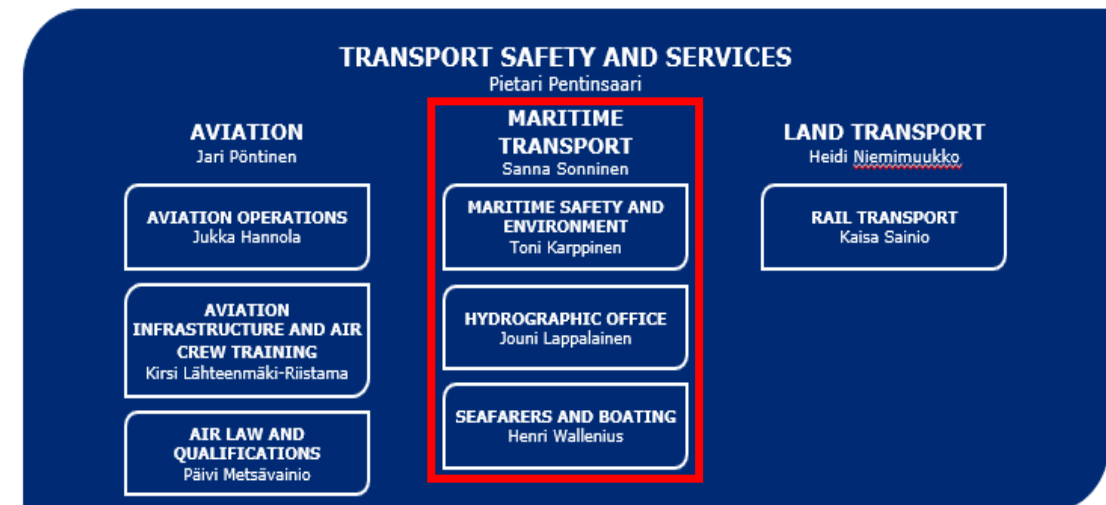
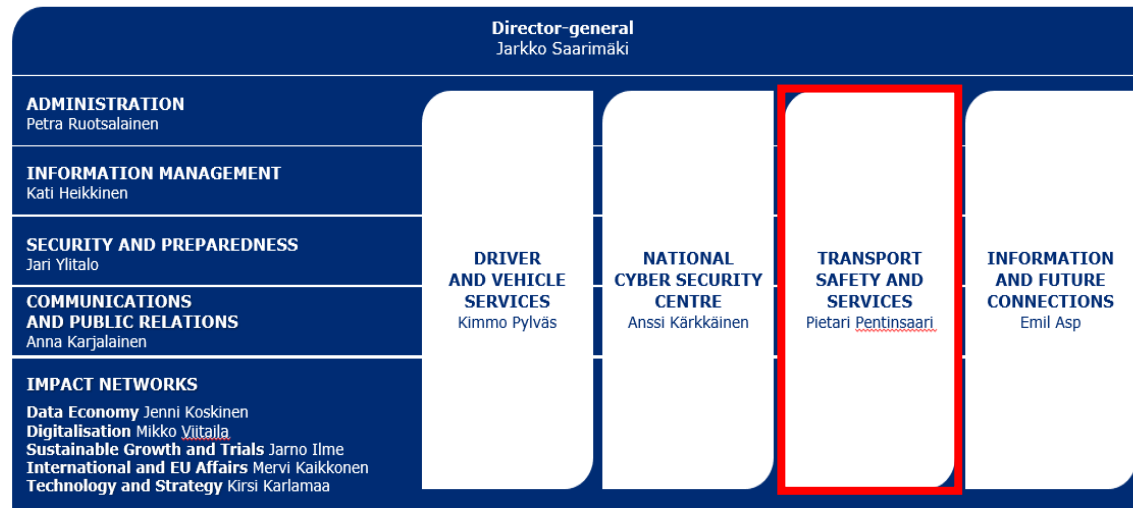
The National Report of Finland

by the Finnish Hydrographic Office

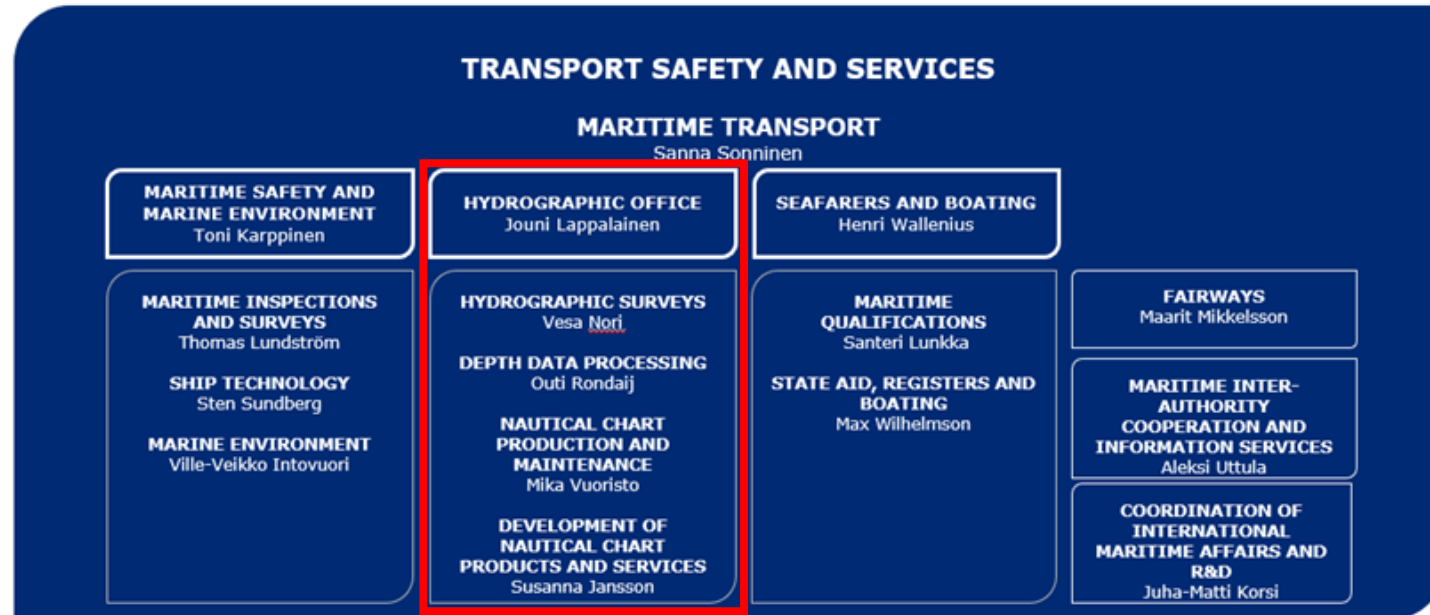
30th Baltic Sea Hydrographic Conference
22 - 24 September 2025, Riga, Latvia



The Finnish Transport and Communications Agency Traficom organization since 1 October 2024.



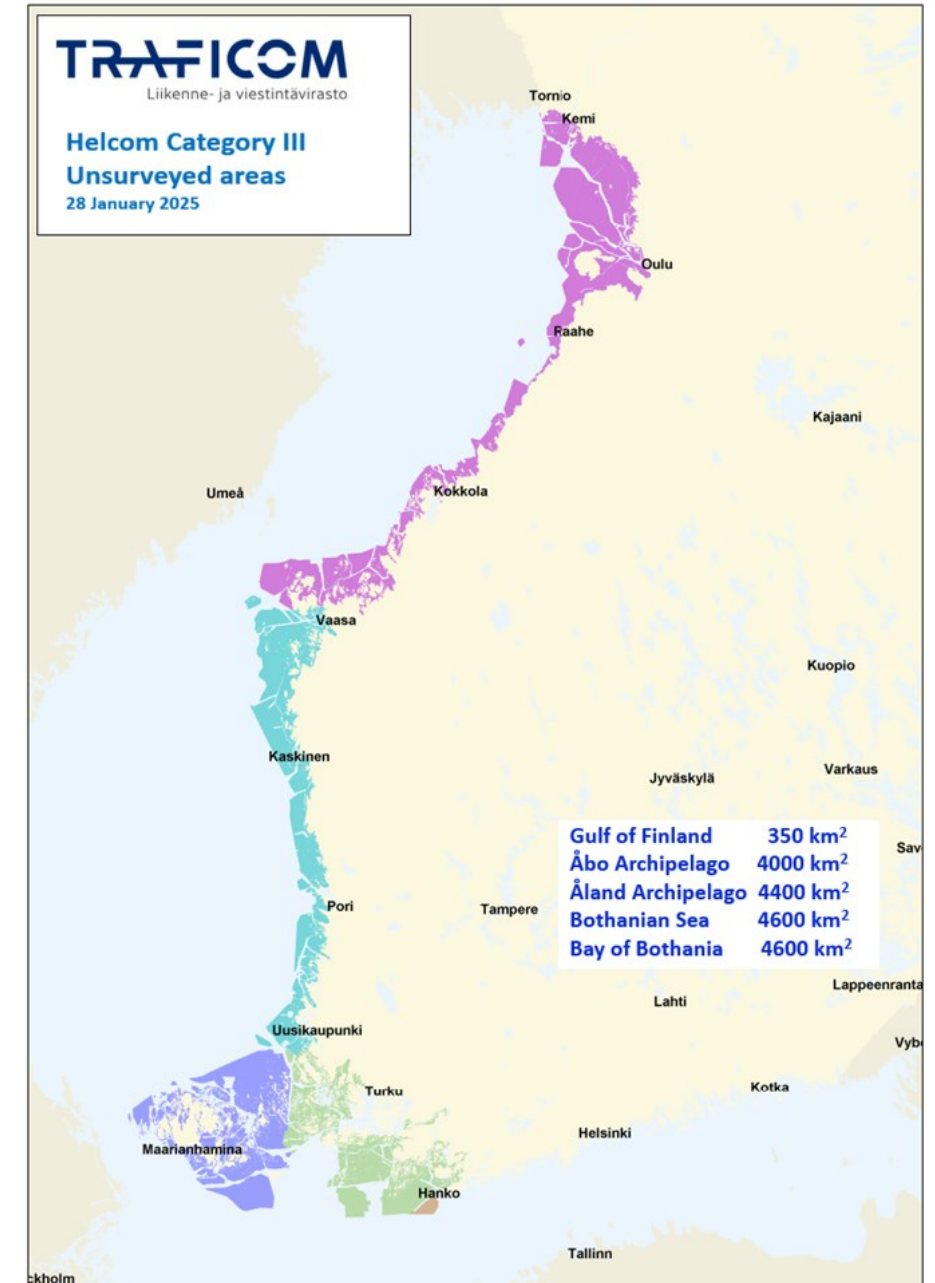
The Hydrographic Office of Finland since 1 October 2024.



- National Hydrographer of Finland → Mr. Rainer Mustaniemi
- Staff 63 employee.
- Annual budget about 11,5 million euros.

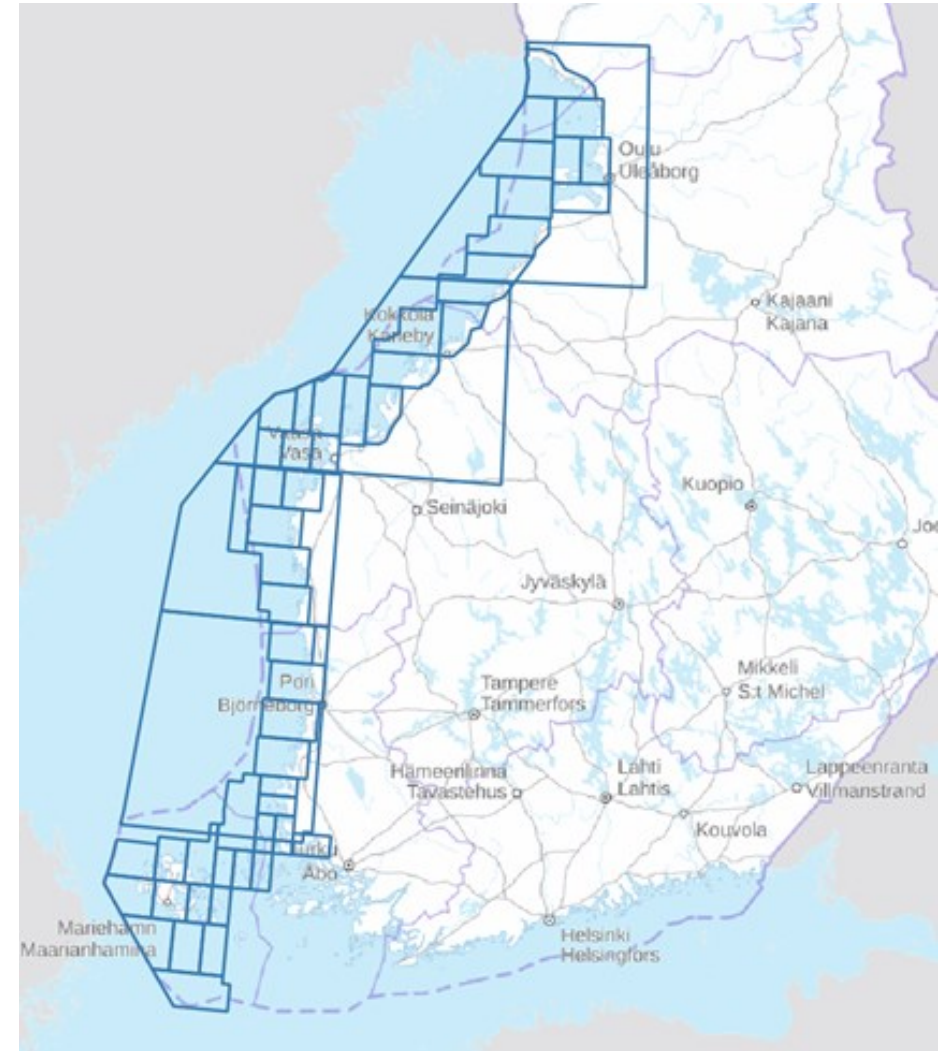
Hydrographic surveys

- ▶ A new revision of the Hydrographic Survey Program (for 2026-2030)
- ▶ The hydrographic surveys continues on shallow, nearshore HELCOM category III areas with LiDAR and multibeam technologies
- ▶ Surveys in 2024
 - ▶ Kemi fairway resurvey
 - ▶ Haukivesi-Kolovesi (Inland waters) surveys continues.
 - ▶ Northern Savonia (Inland waters) LiDAR surveys
 - ▶ Northern Savonia (Inland waters) fairway MBES surveys



New charts and updates

- ▶ The chart production follows the plan of the "New vertical chart reference BSCD2000" (~FIN N2000) implementation.
- ▶ One new ENC and 47 new ENC editions
- ▶ 12 new editions of printed charts
- ▶ Two new editions of printed Chart series



The Finnish N2000 (Baltic Sea Chart Datum 2000) charts as of June 2025

New publications and updates

► Sailing directions for Finnish waters (published, available parts)

- Part 2.1.1 - Main approach channels - Gulf of Finland, East
- Part 2.1.2 - Main approach channels - Gulf of Finland, West
- Part 2.1.2 - Main approach channels - Archipelago Sea, East
- Part 2.2.1 - Main approach channels - Aland Sea and Archipelago Sea, West (2025)
- Part 2.3.1 - Main approach channels - Sea of Bothnia (2023)
- Part 2.3.2 - Main approach channels - The Quark (2022)
- Part 2.3.3 - Main approach channels - Bay of Bothnia (2021)
- Part 2.4.1 - Main approach channels - Inland waterways



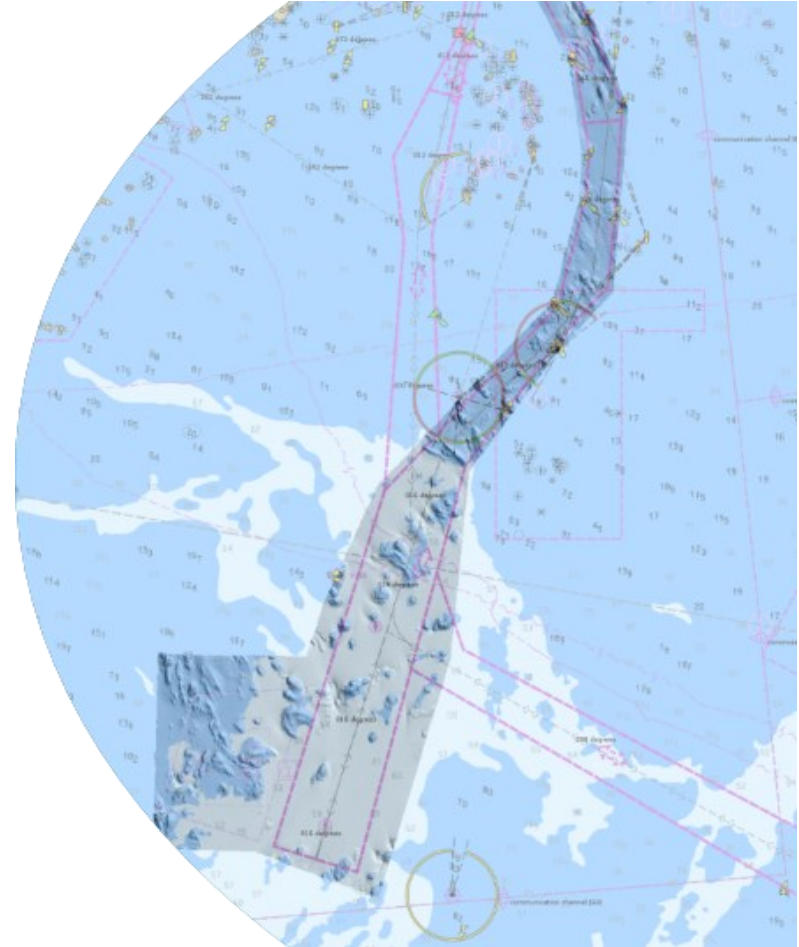
Capacity building

- ▶ 85th Multibeam Sonar Training Course 17 - 22 March 2025 in Helsinki
 - ▶ 71 participants from Australia, Belgium, Canada, Chile, China, Denmark, Finland, France, Germany, Kiribati, Latvia, Netherlands, Norway, Singapore, Tanzania and United Kingdom.



National Coordination of S-100 implementation

- ▶ S-101 ENC
 - ▶ S-101 2.0 Test data 1/2025 →
 - ▶ Production database conversion S-57 → S-101 10/2025
 - ▶ Database tuning and staff training
 - ▶ Production startup 11/2025
 - ▶ FIN S-101 delivery (via RENC) 1/2026 →
- ▶ S-102 Bathymetric Surface
 - ▶ S-102 3.0 Test data 1/2025 →
 - ▶ Production startup 11/2025
 - ▶ FIN S-102 delivery (via RENC) 1/2026 →
- ▶ S-124 Navigational Warnings
 - ▶ VILKKU development project → NavWarnings management + S-124 production
 - ▶ Production startup 1/2026

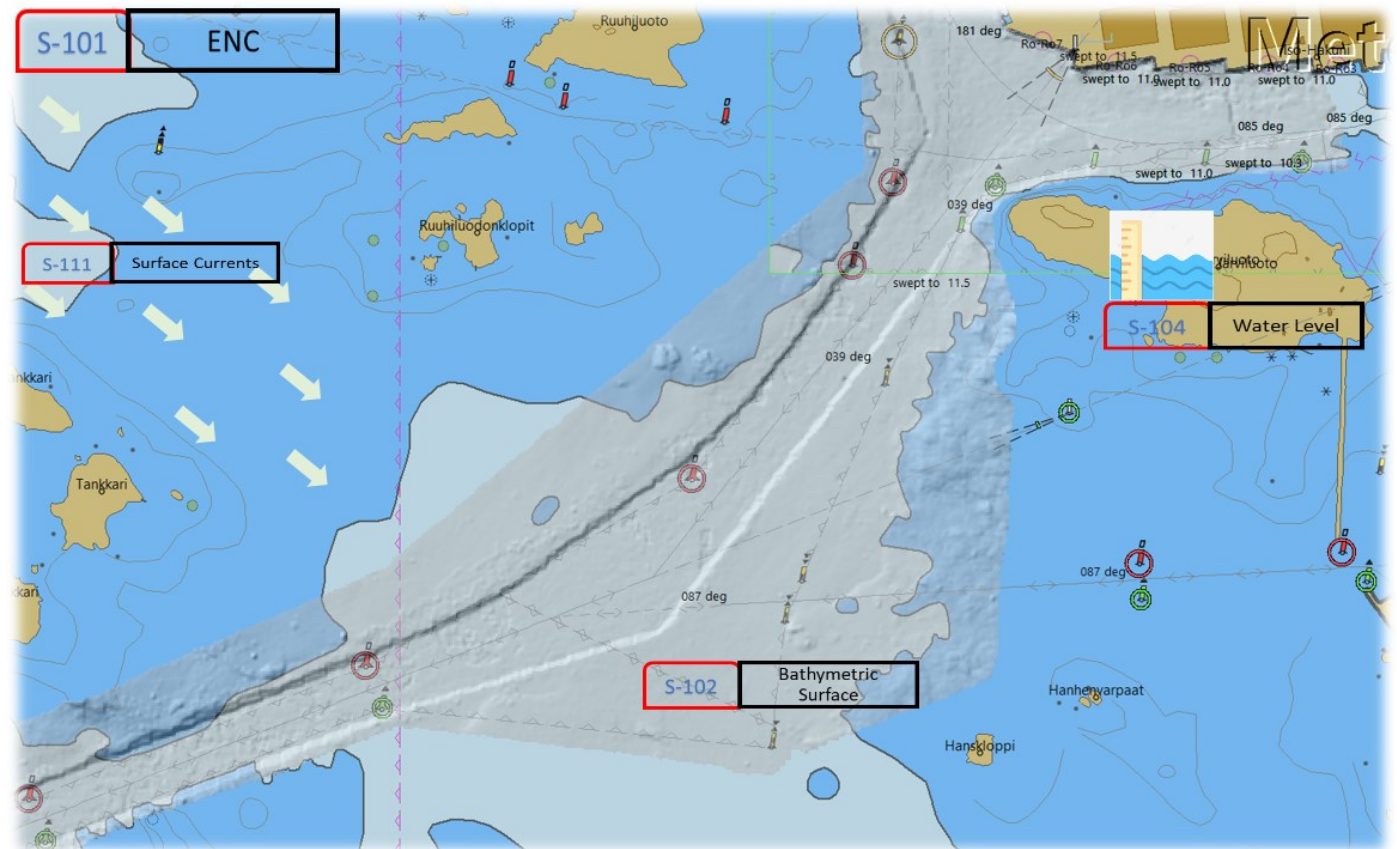


National Coordination of S-100 implementation

- ▶ S-104 Water Level Information
 - ▶ S-104 1.0 Test data Q1/2025 →
 - ▶ Production capability ready Q4/2025
 - ▶ Operational service under planning
- ▶ S-111 Surface Currents
 - ▶ S-111 1.0 Test data Q1/2025 →
 - ▶ Production capability ready Q4/2025
 - ▶ Operational service under planning



FINNISH METEOROLOGICAL INSTITUTE



Thank you !



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