



The National Report of Finland

by the Finnish Hydrographic Office

**11th Arctic Region Hydrographic Conference – Video Meetings
9 - 10 November 2021**

Finland's Strategy for Arctic Policy 2021 - 2030

The reviewed Strategy for Arctic Policy → all Finland's activities in the Arctic region must be based on ecological carrying capacity, climate protection, principles of sustainable development, and respect for the rights of indigenous peoples. Finland's economic interests can also be examined from this perspective.

The Strategy identifies four priority areas for Finland's Arctic activities:

- Climate change, mitigation and adaptation
- Inhabitants, promotion of wellbeing and the rights of the Sámi as an indigenous people
- Expertise, livelihoods and leading edge research
- Infrastructure and logistics

Finland's goal is a peaceful Arctic region marked by constructive cooperation within;

- The Arctic Council (the core of the Arctic Cooperation)
- The Barents Euro –Arctic Council (i.a. land, maritime and air transport connections)
- Barents Regional Council



Finland's Strategy for Arctic Policy 2021 - 2030

The Infrastructure and logistics priority area include Strategic measures for Maritime transport e.g.

- Developing further exchanges of information between ships and ports, Improving the energy efficiency of the logistics system will require advanced communication technology, digital services and the opening up of information systems.
- Exploiting the expertise of the Finnish maritime cluster related to winter navigation in challenging conditions, for example in using the Northeast Passage for freight transport.
- Strengthening the development of shipping infrastructure and nautical charting in the Arctic region by means of hydrographic surveys.



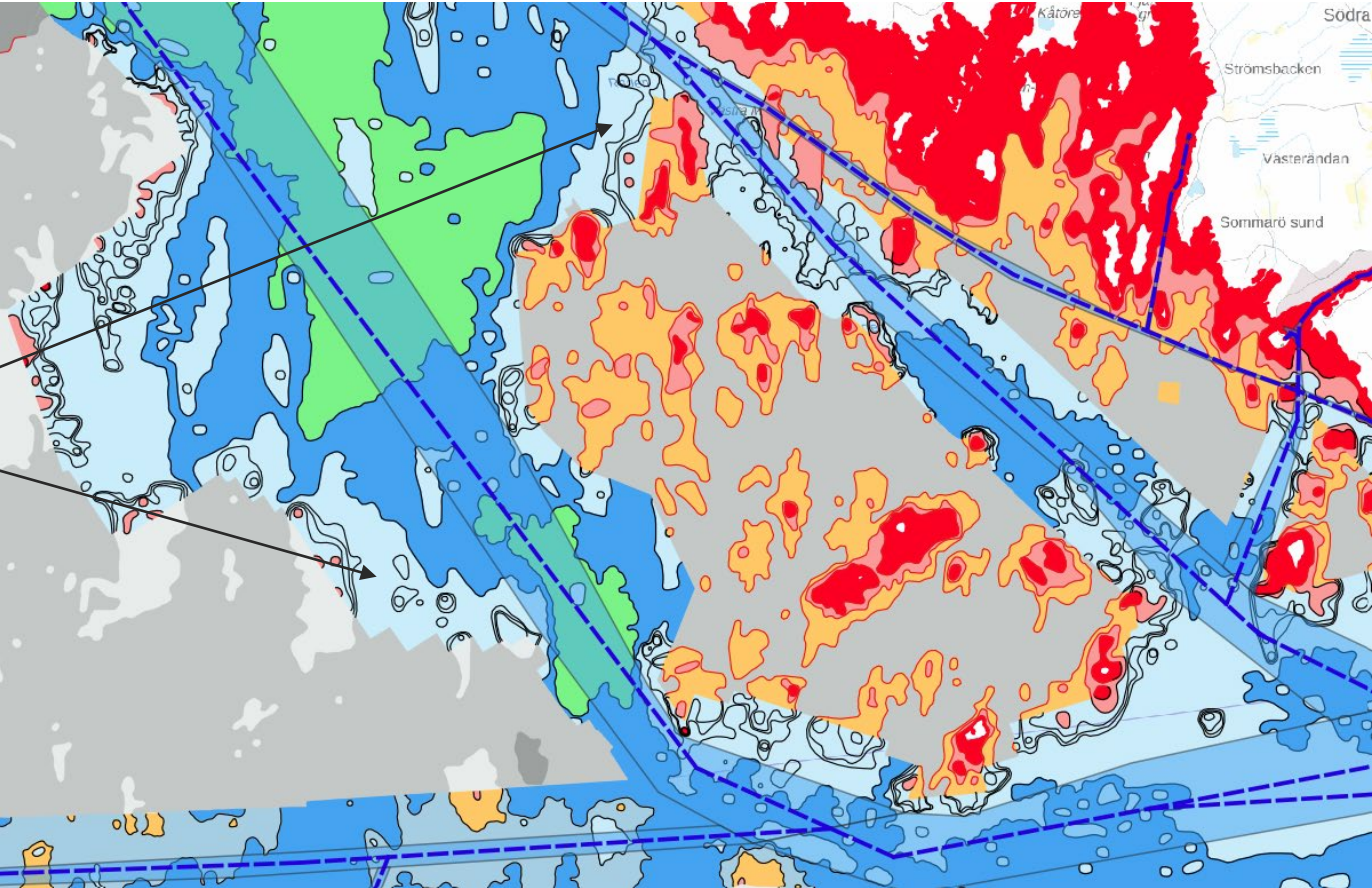
Chart production

Nautical Chart Production System (AHTI) have been taken in operational use. The first set of new editions of ENC and corresponding printed charts were processed and published at the beginning of June 2021.

Enriching the depth information in ENCs with additional depth contour intervals.

Fairway to Port of VAASA
9m and 11m contours →
DEPARE_A_6m-9m
DEPARE_A_9m-10m
DEPAREA_A_10m-11m

- ahti:U3_DEPARE_A_0m-3m
- ahti:U3_DEPARE_A_3m-6m
- ahti:U3_DEPARE_A_6m-10m
- ahti:U3_DEPARE_A_10m-15m
- ahti:U3_DEPARE_A_15m-20m
- ahti:U3_DEPARE_A_20m-30m
- ahti:U3_DEPARE_A_30m-50m
- ahti:U3_DEPARE_A_50m-100m

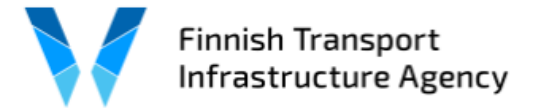


The national coordination of the S-100 implementation

The Traficom and the Finnish HO are planning to take actions for raising awareness and improving knowledge about S-100 standards among data producers and service providers in Finland.

Objectives for the national coordination

- S-100 data producers and service operators have adequate information about **S-100 Standard Frame**, published **data transfer and product standards**.
- S-100 related **guidelines and recommendations** published by IHO, IALA, IMO etc. are well adopted and widely applied among stakeholders.
- Agencies and companies, having role in producing or distributing S-100 data sets for shipping and other maritime shareholders, **disseminate data and provide services** according the S-100 standards.
- S-100 data production and services are implemented in a high-quality, an efficient and an economical manner, meeting the **customer needs**.



ENCs

Navigational Warnings

Bathymetry

Water Level

Surface Currents

Etc.



Thank You