



National Report - Iceland

Nordic Hydrographic Commission
65th meeting, 26-27 April 2022

The Icelandic HO



- Is a department within the Icelandic Coast Guard
 - Hydrographic and Maritime Safety Department (HMSD)
 - Hydrographic Surveying and Nautical Charting in home waters

Number of staff: 8 + 3 during yearly survey season (May-Sept)

Nautical Cartography and nautical publications: 4 (+1)*

Hydrographic Surveying: 3

Head of department:

Management + Nautical Cartography and Nautical publications*



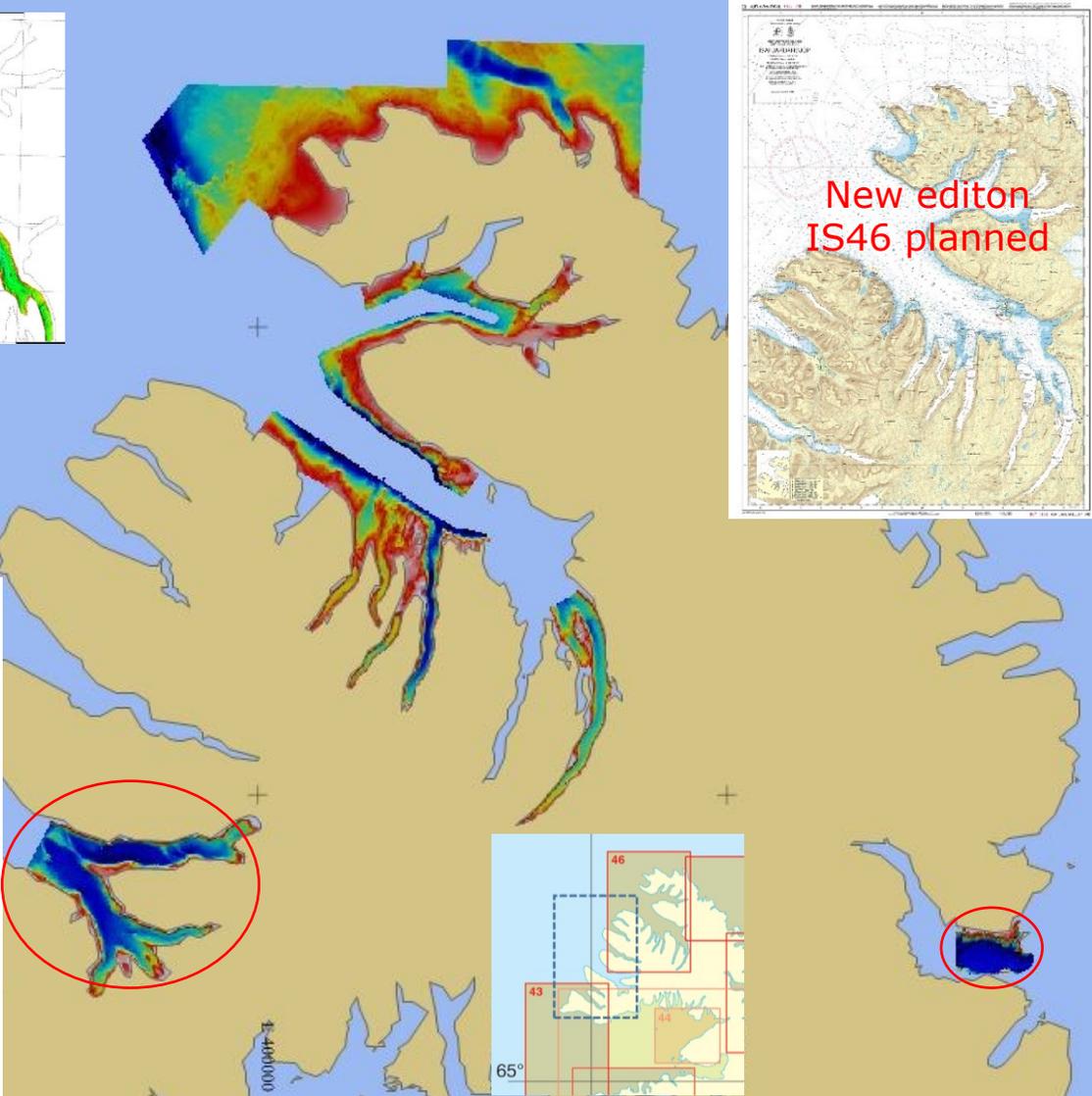
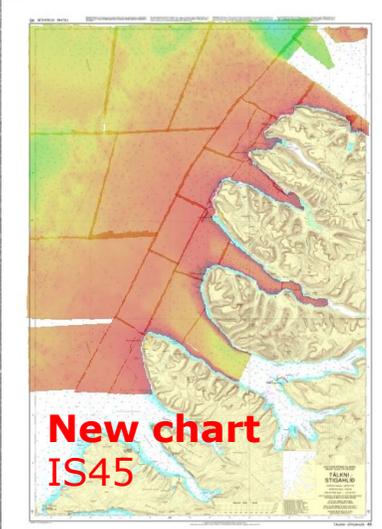
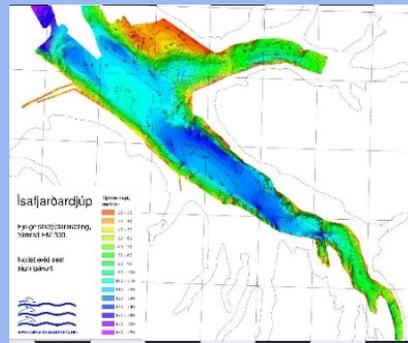
Hydrographic Surveying



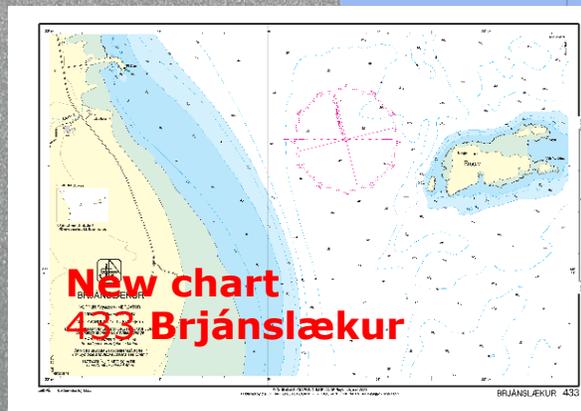
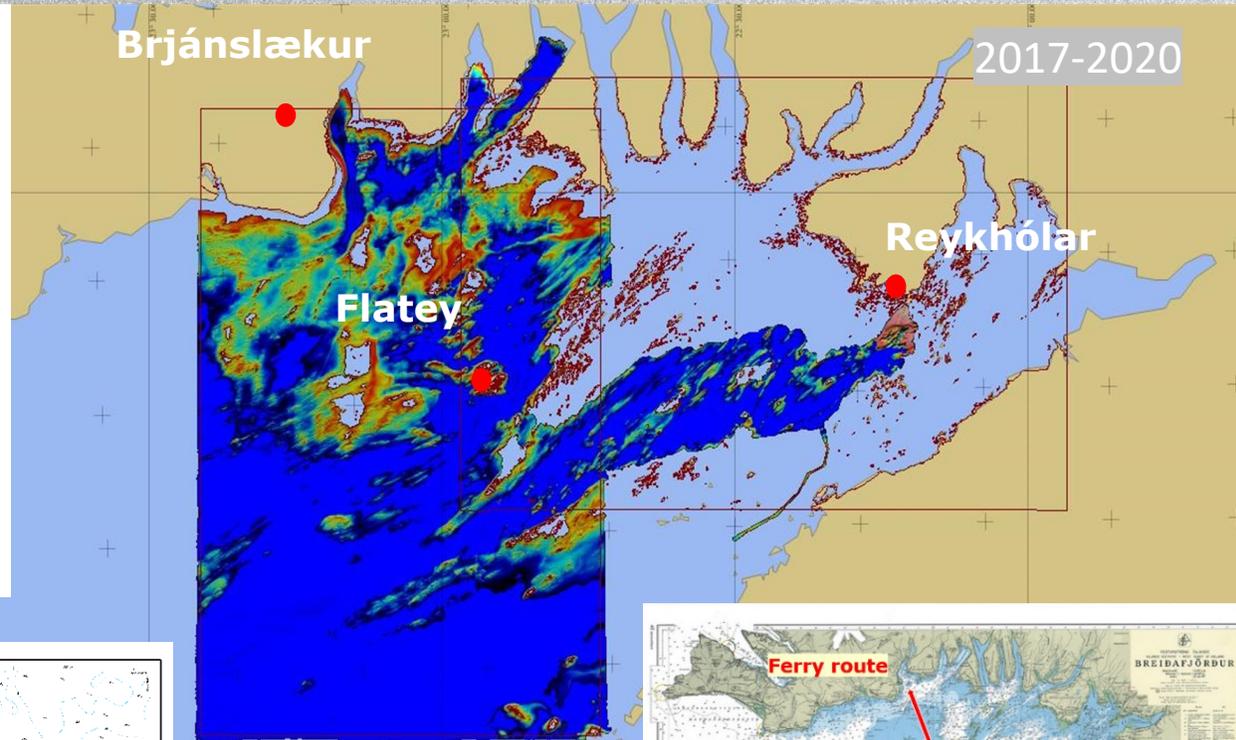
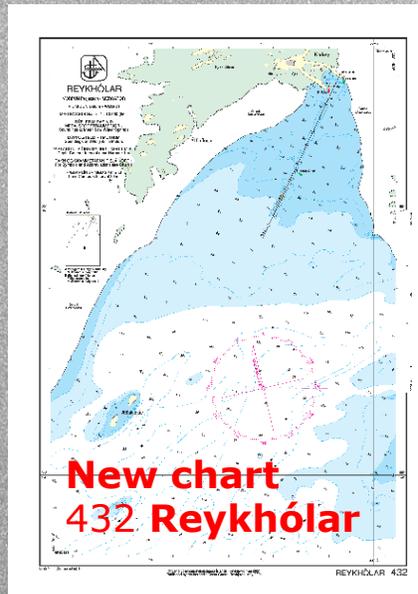
- GNSS RTK positioning from June 2020
 - Lesson learned so far: The need to re-establish height models in Iceland identified
 - The task at hand is to join forces with the responsible counterparts NLSI & IRCA.
- Surveys 2021 and 2017-2020
 - Ísafjarðardjúp and the northern part of the Westfjords
 - Approach to Reykhólar in Breiðafjörður surveyed in 2020
 - Northern part of Breiðafjörður re-surveyed 2017-2019
 - Ferry route: Stykkishólmur – Flatey - Brjánslækur



Ísafjarðardjúp and the Westfjords



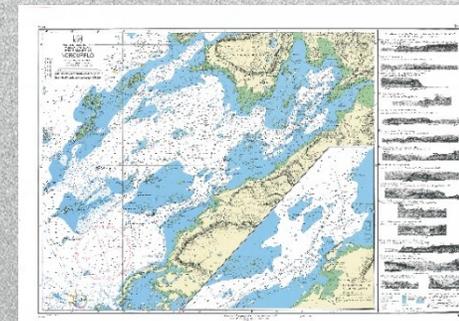
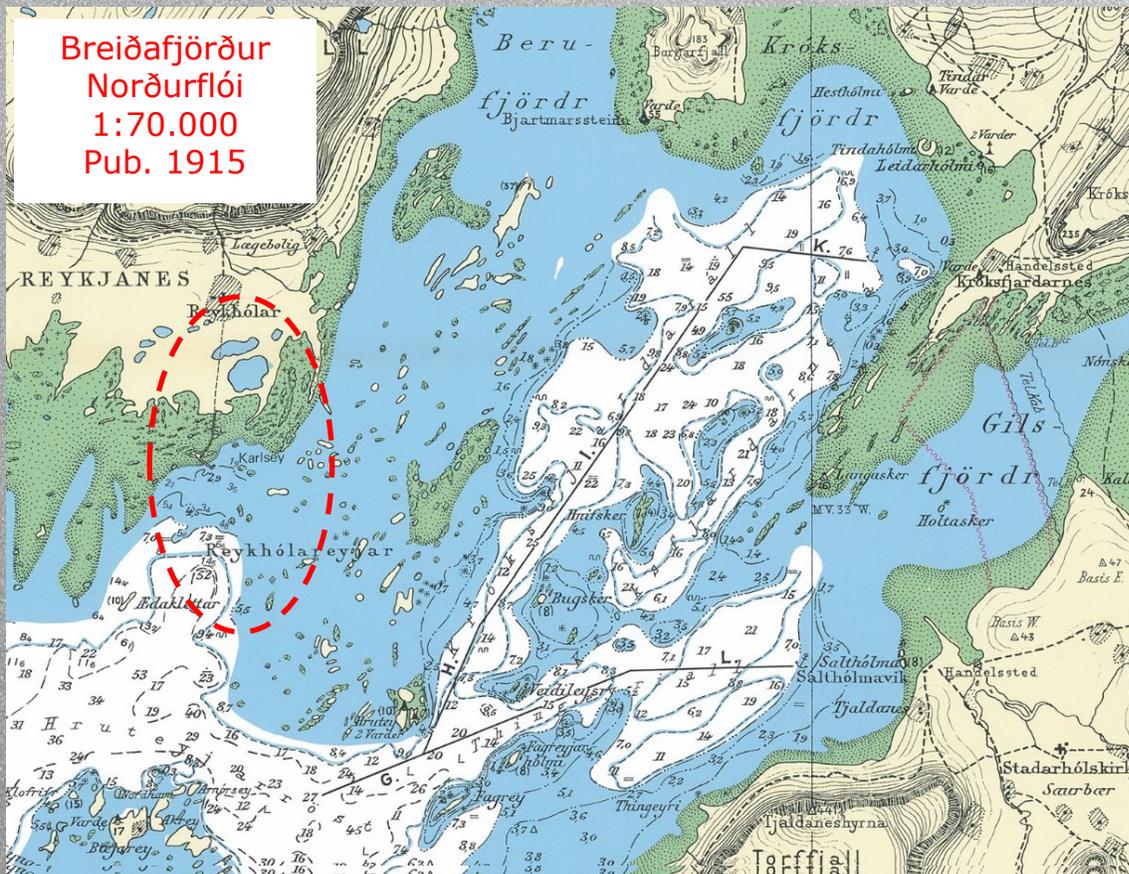
Breiðafjörður



Breiðafjörður cont.



Breiðafjörður
Norðurflói
1:70.000
Pub. 1915



Reykhólar
New Dir light
installed

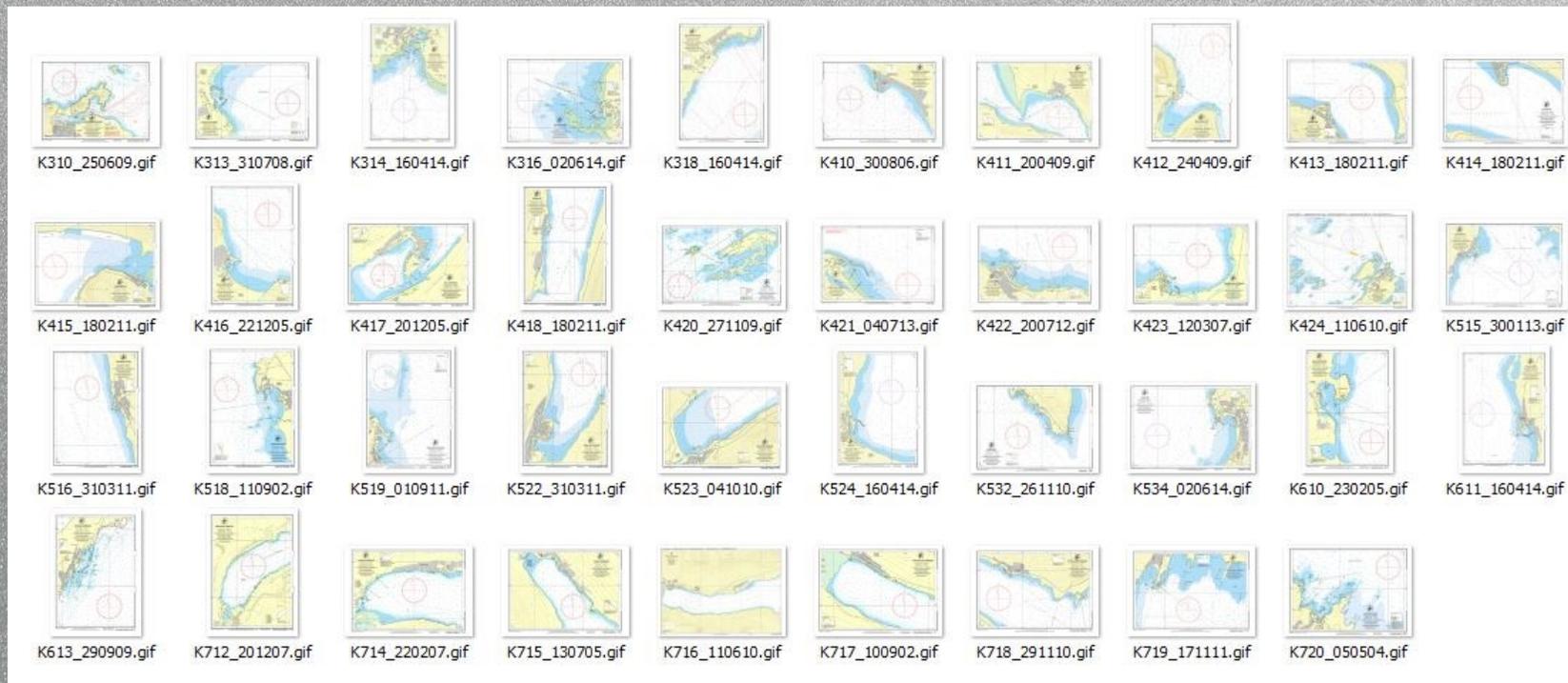
Udgivet af det kongelige Søkort - Arkiv, København 1915
Endurprentað hjó Íslensku sjómælingunum, Reykjavík, 1961



New charts & updates



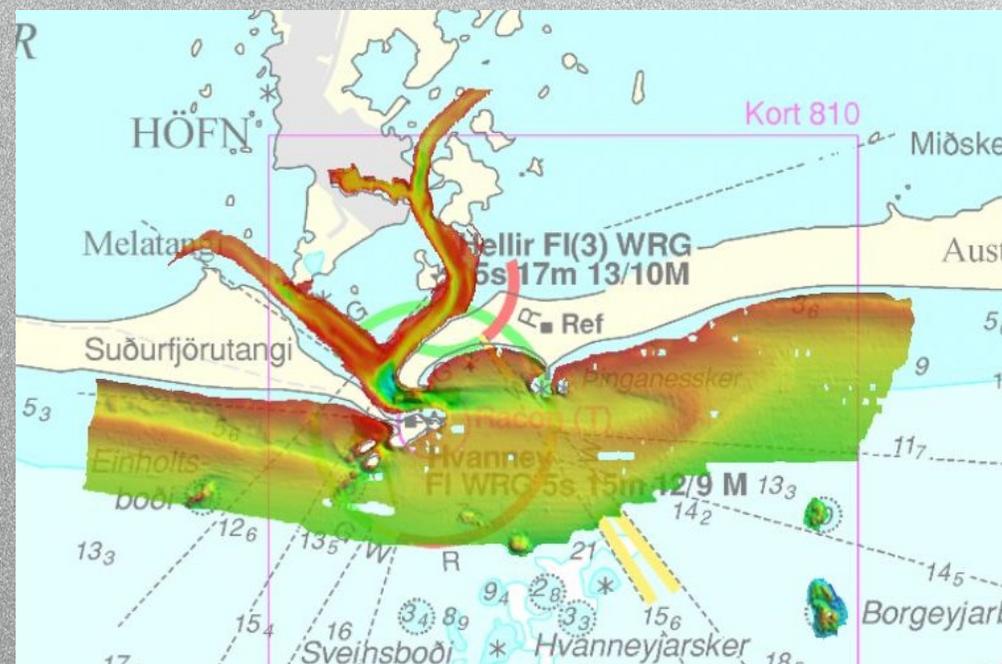
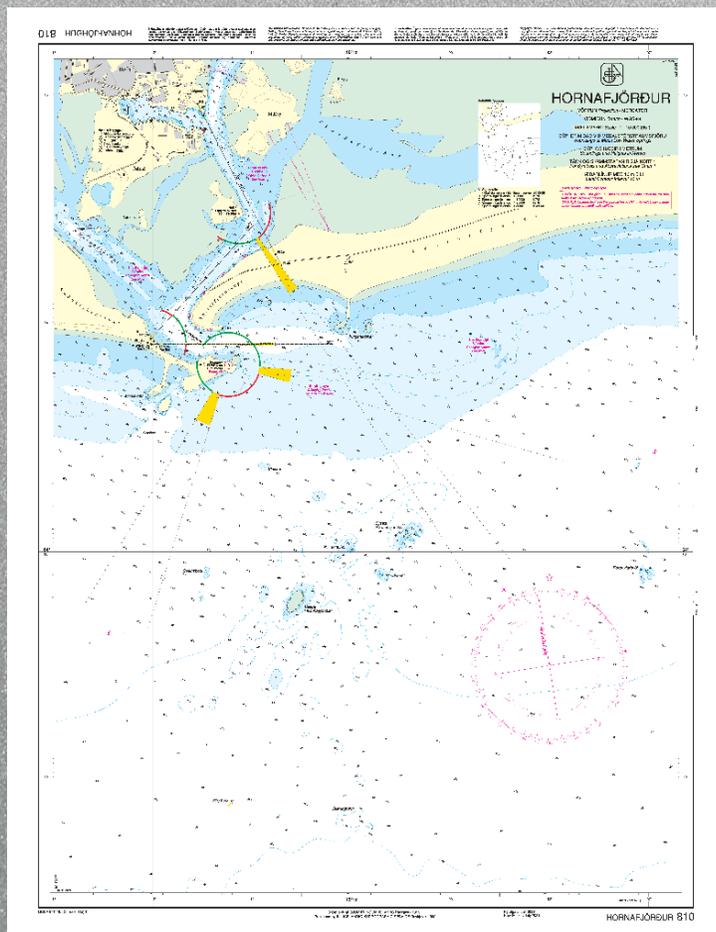
- New Harbour plans and New Editions planned
 - Outdated versions frozen in 30-year-old Sailing directions
 - Milestone in publication of IS harbour plans. Nearly all active ports covered.



New charts & updates



810 Höfn í Hornafirði 1:10.000 2021 edition (prior ed. 2007)



The only port in Iceland where the approach is through the mouth of a glacial river and the only port where land is rising – see <https://www.lmi.is/is/um-lmi/frettayfirlit/landid-lyftist-sigur-og-faerist>



MSI - Maritime Safety Info.



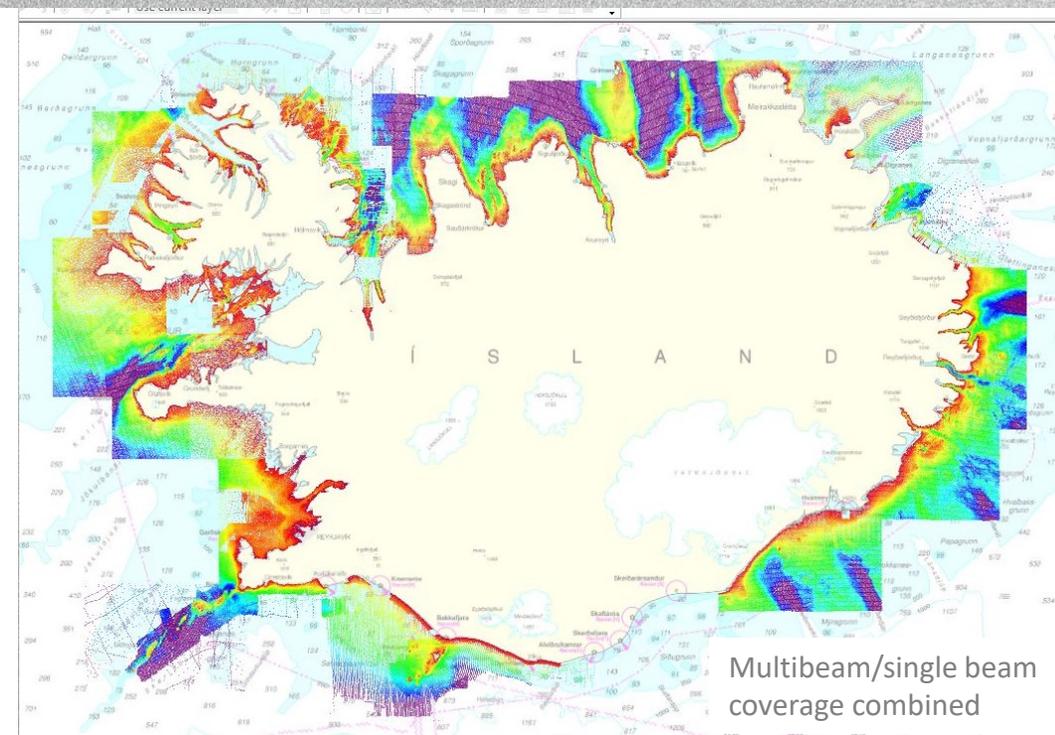
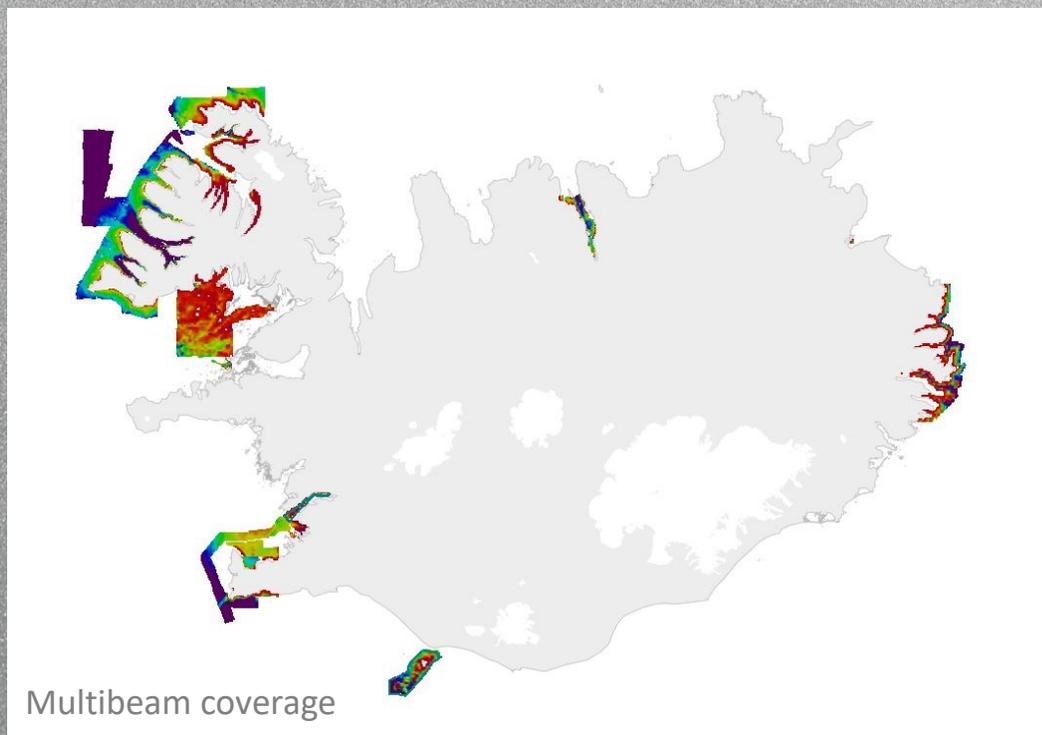
- ICG operates Vessel Traffic Service
 - Maritime Safety Information service is a vital part
 - The ICG VTS services Iceland and Greenland
 - NAVTEX messages in 2021
 - total 12.038 for Iceland and 5.656 for Greenland
 - The figures include storm and ice warnings



C-55



- Last update made in November 2016
 - Update is planned Q2-Q3 2022



Capacity Building



- Training
 - CARS BDB Server Training in June 2021 (2)
 - In January 2022 the Nautical Cartographers received a 5-day training in using CARIS S-57 Composer 4.1 to produce ENC's.
 - ONE participant from the Faeroes - Umhvørvisstovan
 - In February 2022 one member of the Hydrographic surveying team attended a 5-day online CARIS HIPS training.
 - All members of staff followed the IC-ENC Introduction to S-100 Training in December 2021
 - Bi-Lat between Iceland and the Faeroes signed on December 21st 2021
 - IS-DK Bi-Lat: Update planned in 2022



Spatial data infrastructure



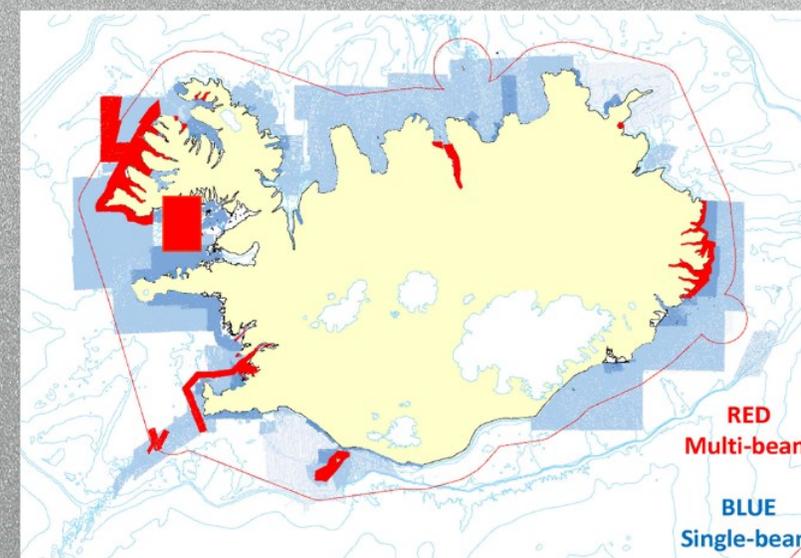
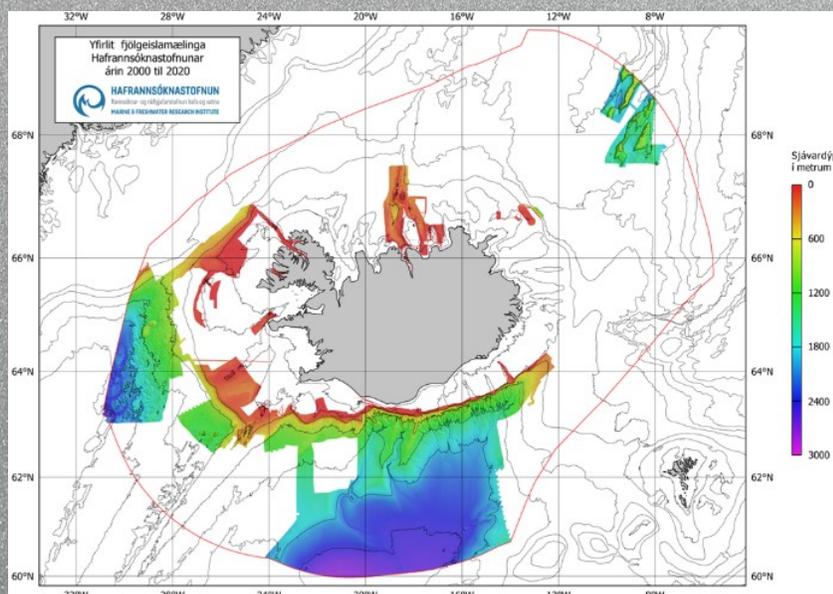
- IS - more observer than player
 - Current plan: Look 3 - 5 years ahead - how to honor MSDI commitments
 - MSP and SDI/MSDI awareness gradually growing on government and municipality level – [Hafsjá](#) Report
 - CARIS BDB
 - At a conference held by, LÍSA - an organization for spatial information in Iceland, in November 2021, the ICG-HMSD introduced a 3-5 year plan of setting up fully functional database to serve the needs of the department and in doing so allowing public access to depth data for the benefit of society.



Oceanographic activities



- Surveying EEZ of Iceland continues
 - The focus of ICG-HMSD lies within IS Territorial Waters
 - Marine & Freshwater Research Institute (MFRI) outside TW



Innovation



- Print on Demand (PoD)
 - Printing of IS charts terminated as off June 1st, 2021. PoD launched at the same time.
- PoD via ftp was launched in March 2022
 - when the first two chart agents abroad signed PoD contracts.

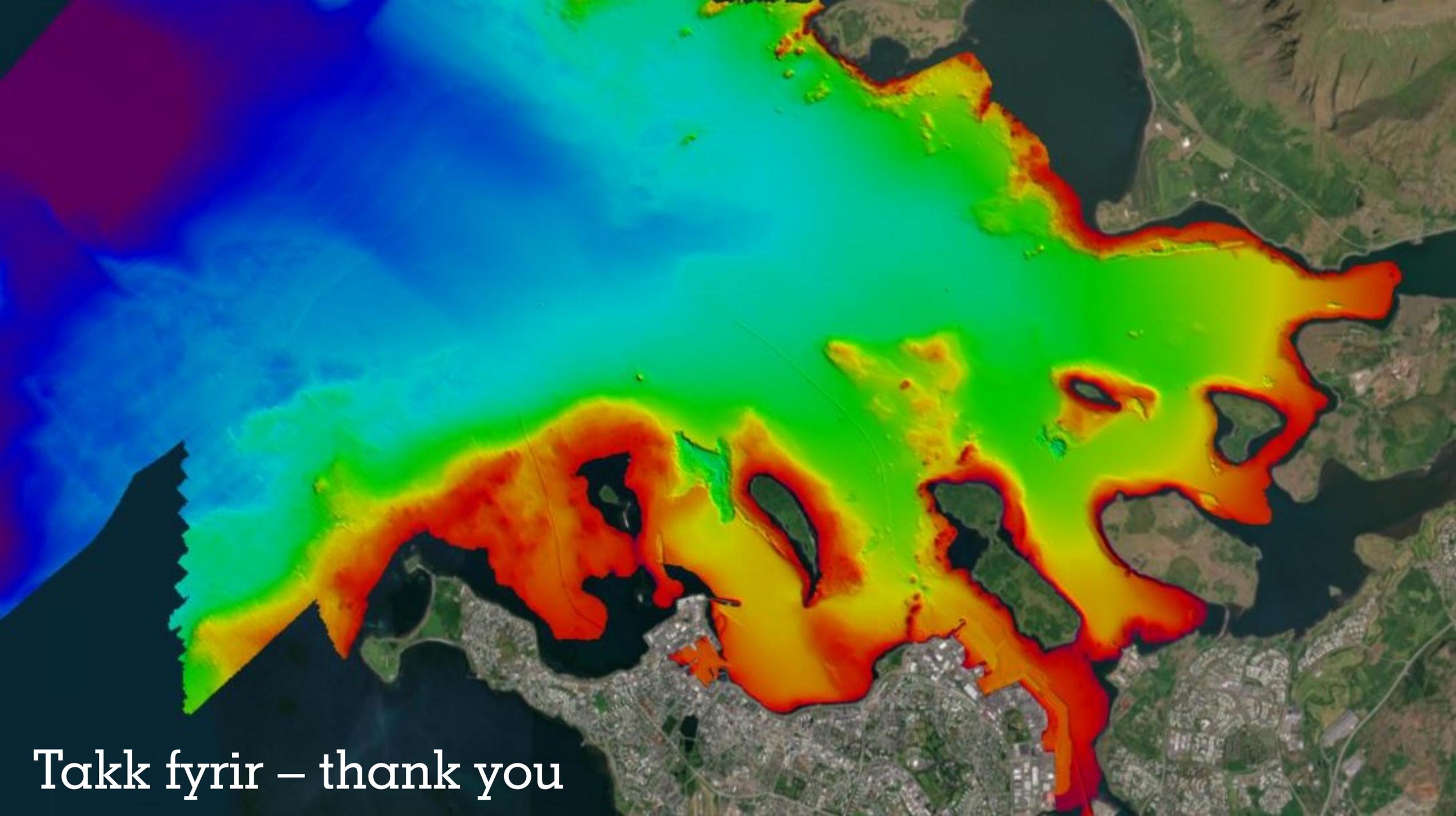


Other activities



- Maritime Administration in Iceland is divided between two government agencies.
 - Icelandic Road and Coastal Administration (IRCA)
 - IRCA <http://www.vegagerdin.is>
 - Icelandic Transport Authority (ICETRA)
 - ICETRA <https://www.samgongustofa.is/>





Takk fyrir – thank you