



ICELANDIC COAST GUARD

National Report by Iceland

Arctic Region Hydrographic Commission
11th meeting, on-line, 9th - 10th November 2021



Highlights



- The HO in Iceland
 - department within the IS Coast Guard
- Hydrographic and Maritime Safety Department (HMSD)
 - Hydrographic Surveying and Nautical Charting in home waters

Number of staff: **8** + 3 during survey seasons

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

Hydrographic Surveying: **3**

Head of department: Management + Nautical Cartography and publications



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The HMSD (-3)



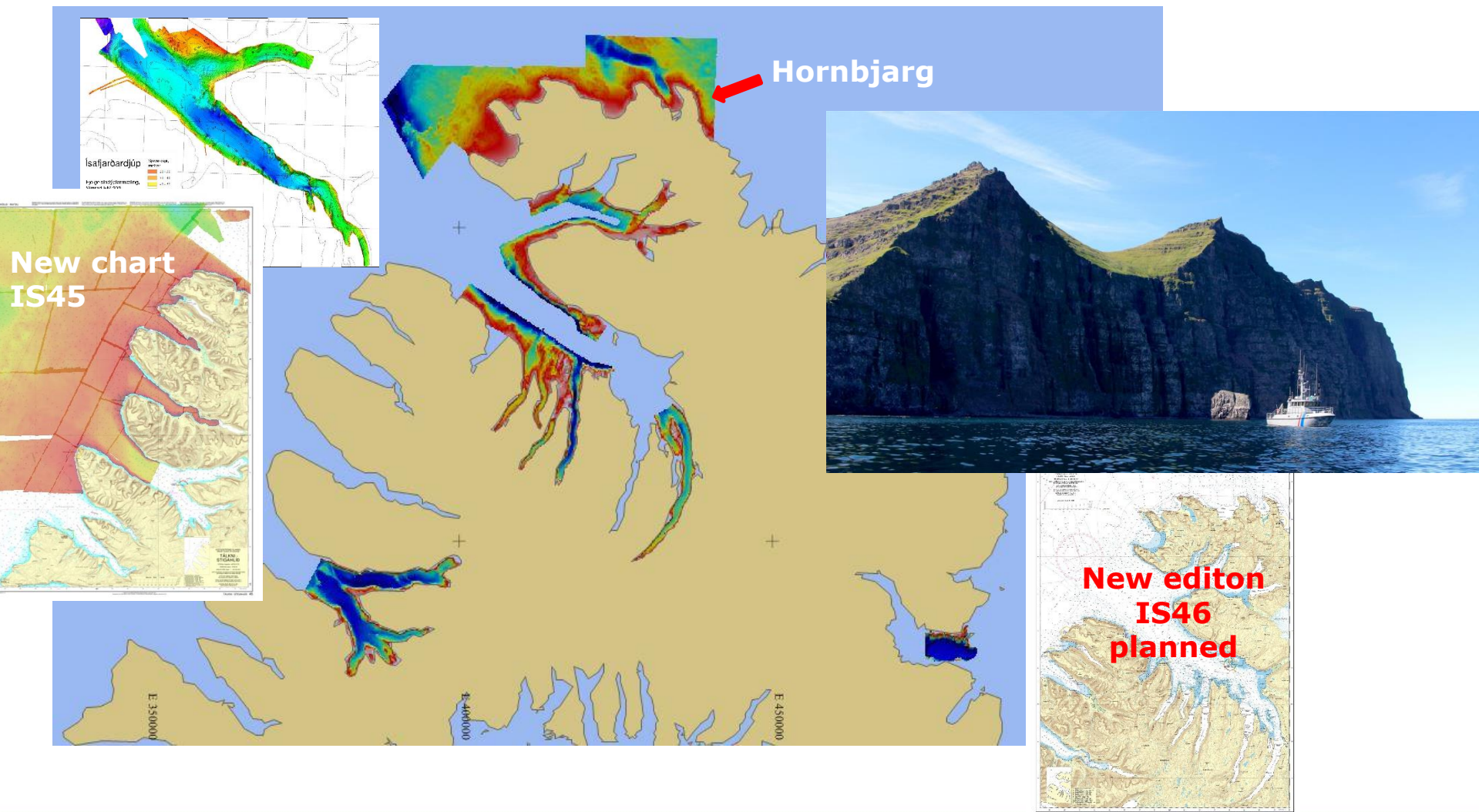


- GNSS RTK positioning from June 2020
 - Lesson learned so far: Re-establish height models in Iceland
 - Task at hand:
 - ICG to join forces with the responsible counterparts NLSI & IRCA
- Surveys 2021 and 2017-2020
 - Ísafjarðardjúp and the northern part of the Westfjords
 - Approach to Reykhólar surveyed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



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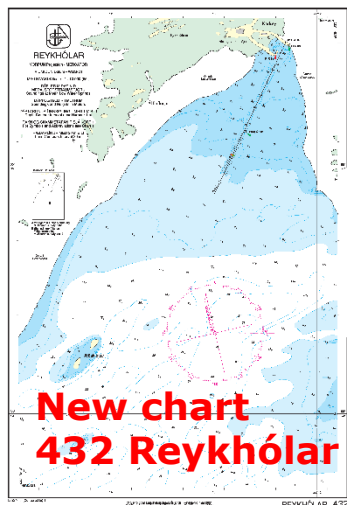
Ísafjarðardjúp / Westfjords



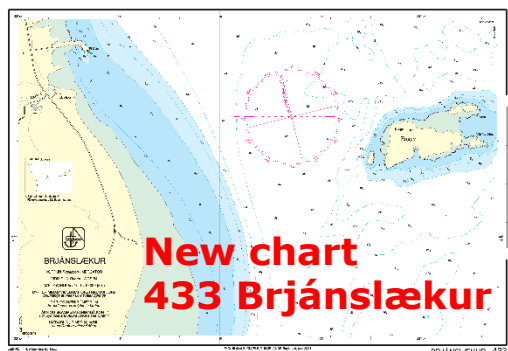


Breiðafjörður

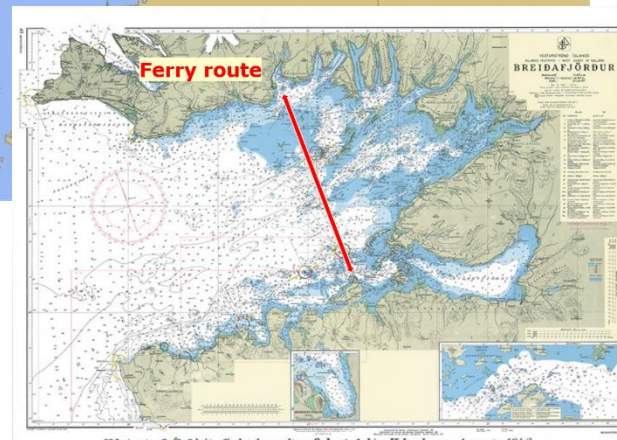
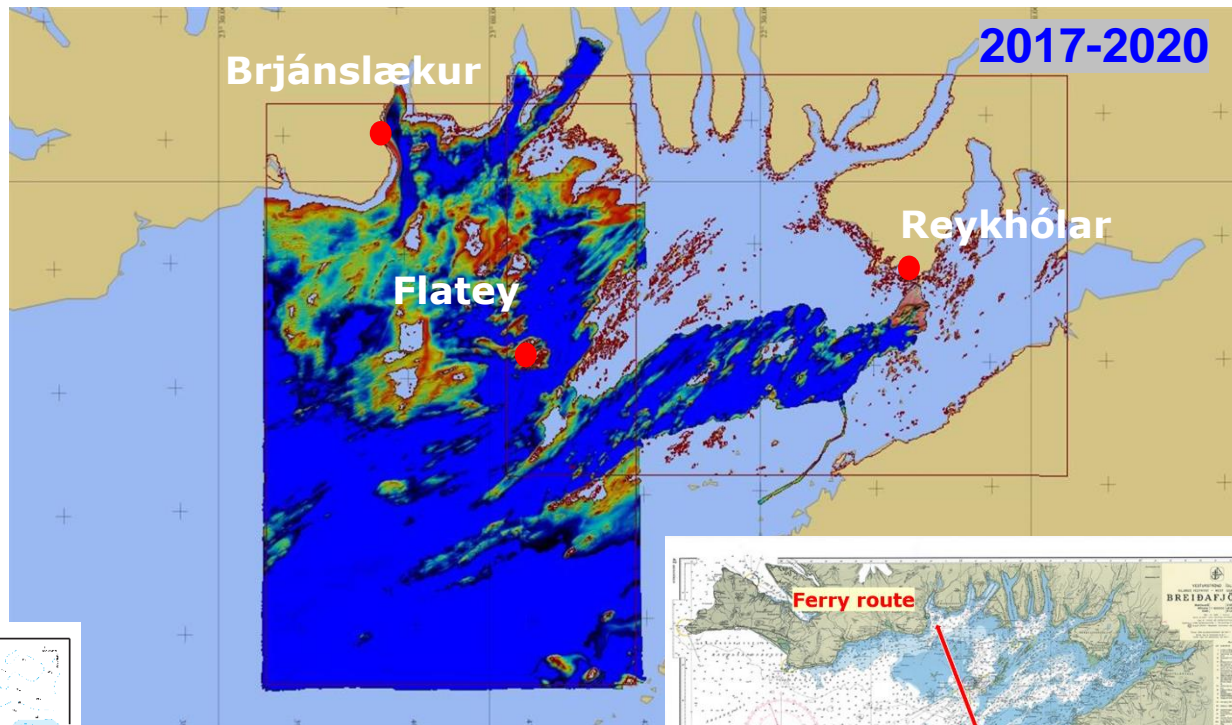
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**New chart
432 Reykhólar**



**New chart
433 Brjánslækur**

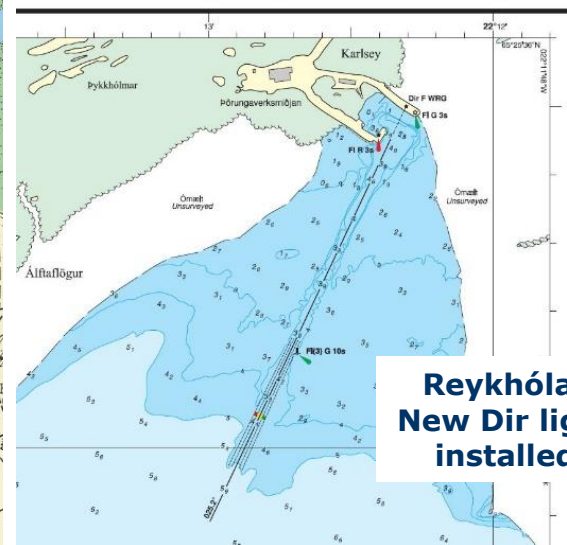
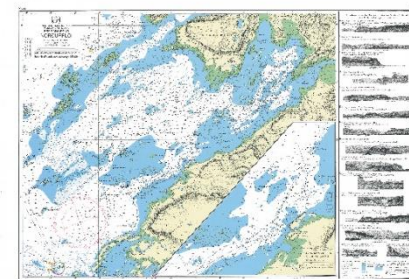
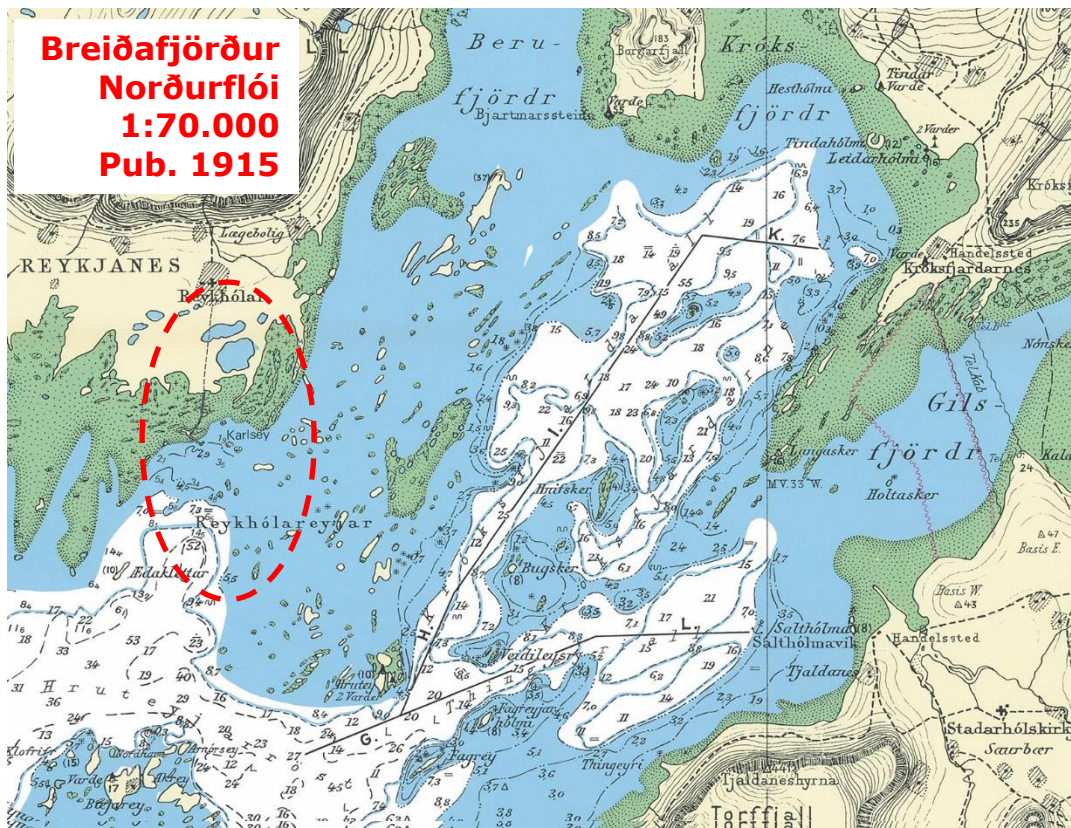


*Udgivet af 'Færd út af' det kongelige Søkort-Arktis, København, August 1946
Published by the Royal Danish Hydrographic Office, Copenhagen, August 1946*



Breiðafjörður cont.

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Udgivet af det kongelige Søkort -Arkiv, København 1915

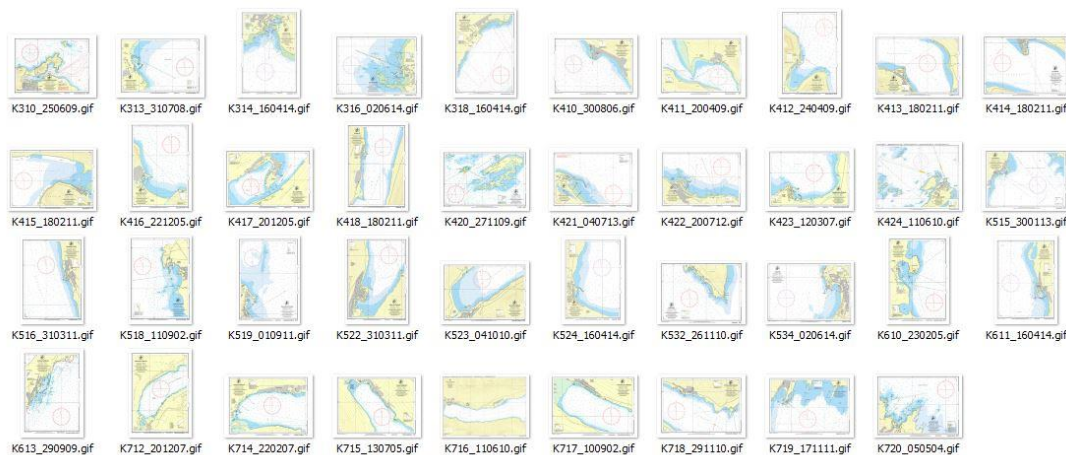
Endurprentað hjó Íslenzku sjómælingunum, Reykjavík, 1961



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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.
 - Almost all active ports covered

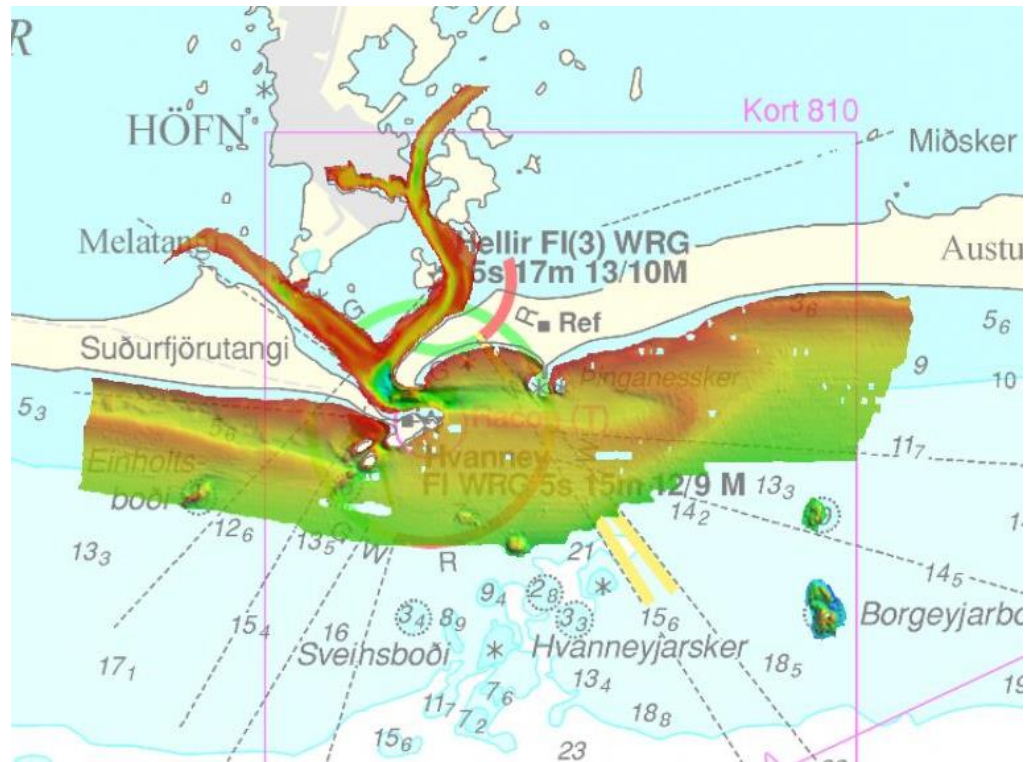
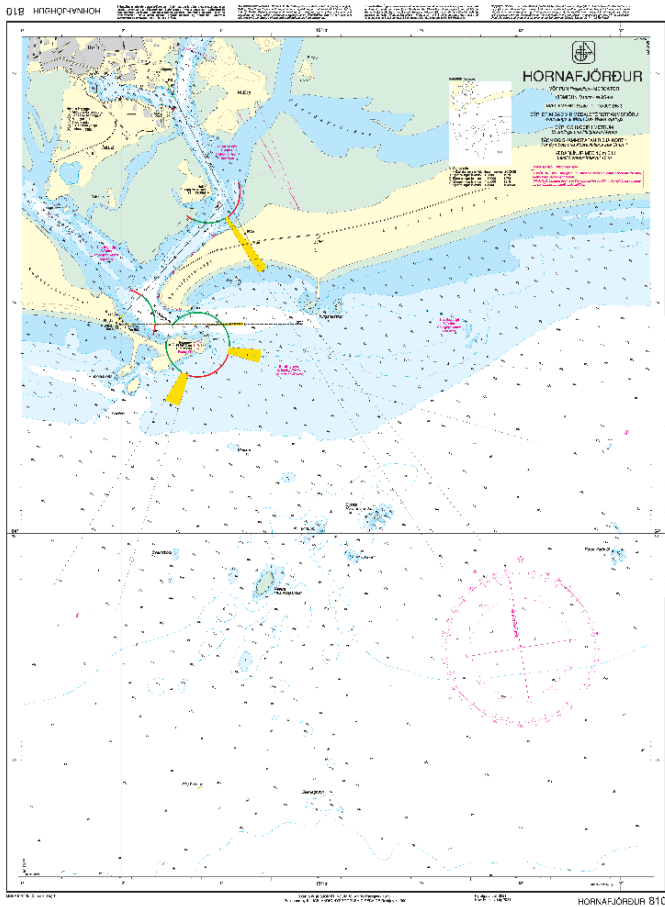




New charts & updates

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



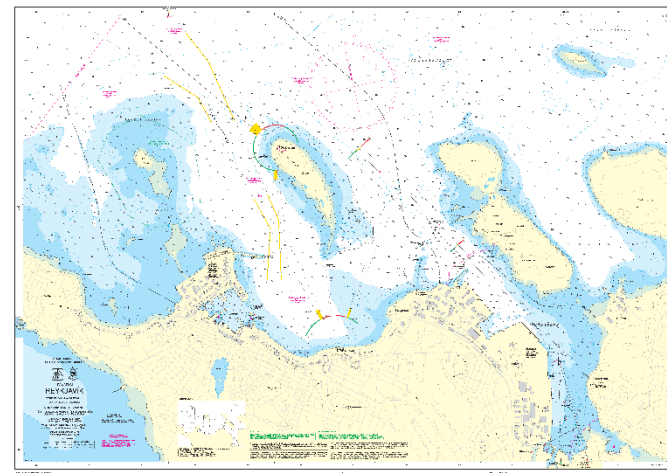
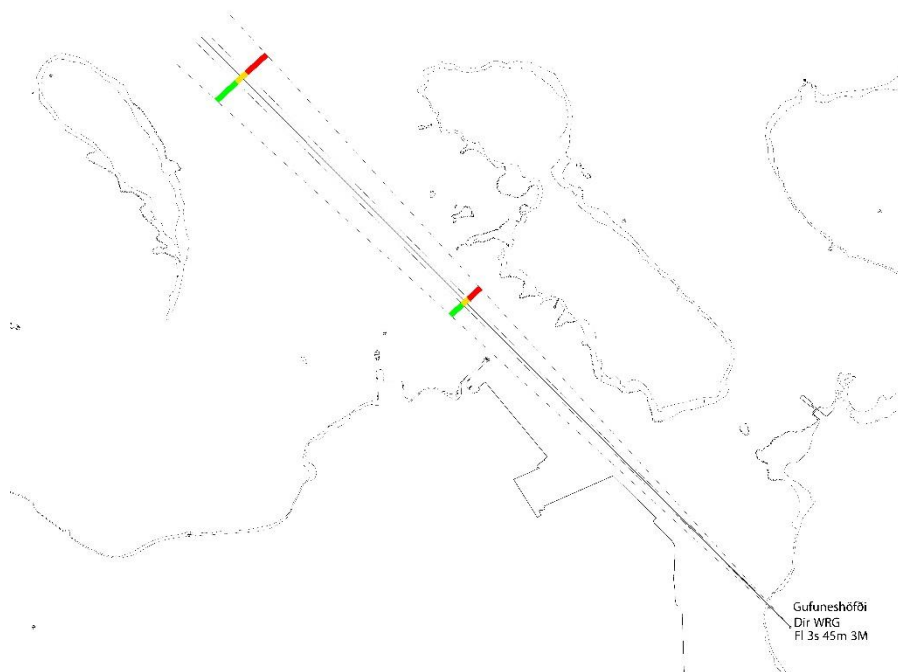
The only port in Iceland where the approach is a river mouth



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New charts & updates

- IS 362 Reykjavík INT 1113
 - New Dir light installed
 - New edition planned Q4 2021





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MSI - Maritime Safety Info.



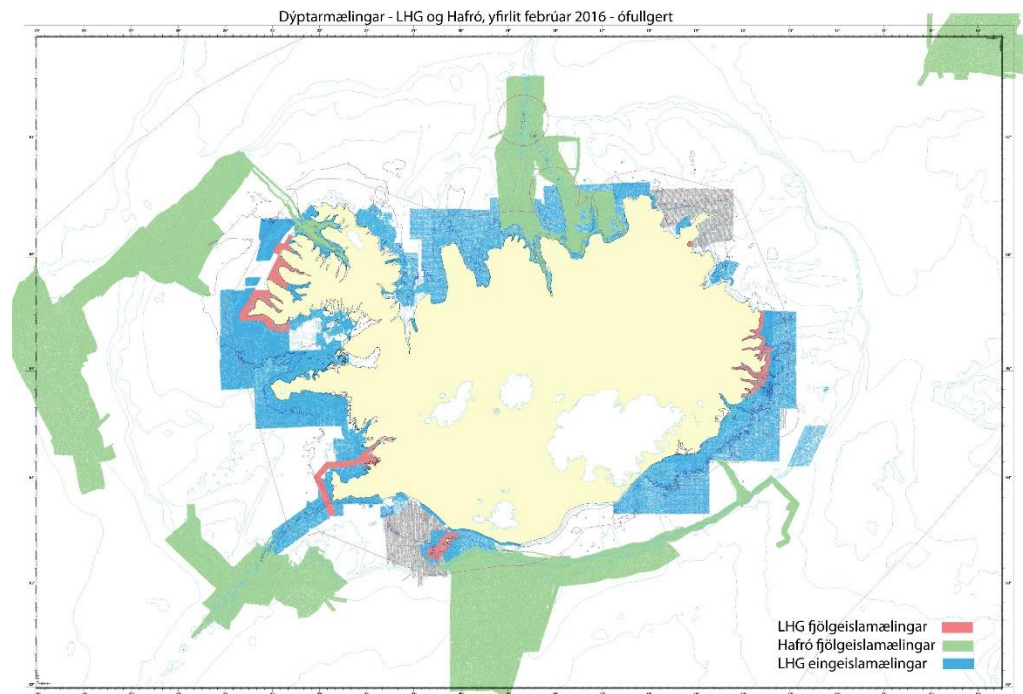
- ICG operates Vessel Traffic Service
 - Maritime Safety Information service part there off
 - The ICG VTS services Iceland and Greenland
 - NAVTEX messages in 2020
 - total **11.748** for Iceland and **5.063** for Greenland
 - » The figures include storm and ice warnings



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- Last update made in **November 2016**
 - Update is planned Q1 2022





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Capacity Building



- **Training**
 - CARIS BE June 2020
 - CARIS BDB March 2021
- **Bilateral Arrangements**
 - Iceland and the Faeroes (new)
 - effective from December 1st, 2021
 - Iceland and Denmark (update)
 - effective from December 1st, 2021



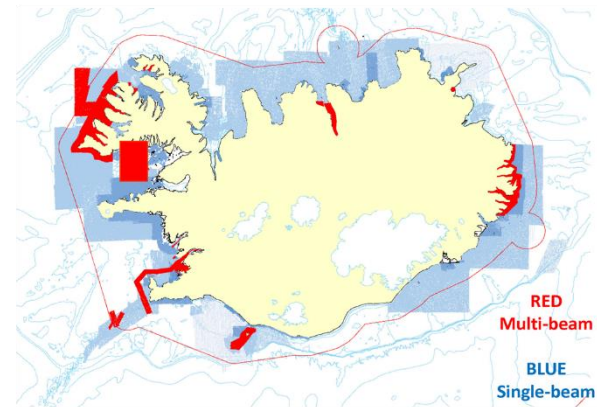
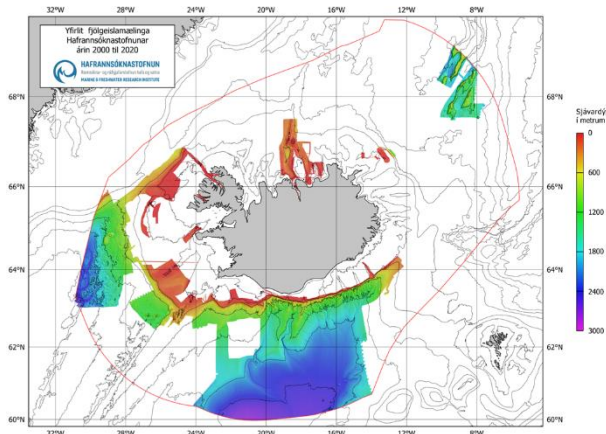
- IS - more observer than player
 - Current plan
 - Look 3 - 5 years ahead
 - how to honor MSDI commitments
 - MSP and SDI/MSDI awareness gradually growing
 - on ministry, organizational and municipality level



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Oceanographic activities

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





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Innovation



- **Print on Demand (PoD)**
 - Printing of IS charts terminated as off **June 1st, 2021**
 - PoD launched at the same time.
 - Full PoD service is scheduled for **January 1st, 2022**.
 - Overseas chart agents with established PoD services offering IS charts
- **CARIS BDB**
 - Work on incorporating CARIS Bathy DataBase (BDB) into the Data management and Chart Production Processes ongoing



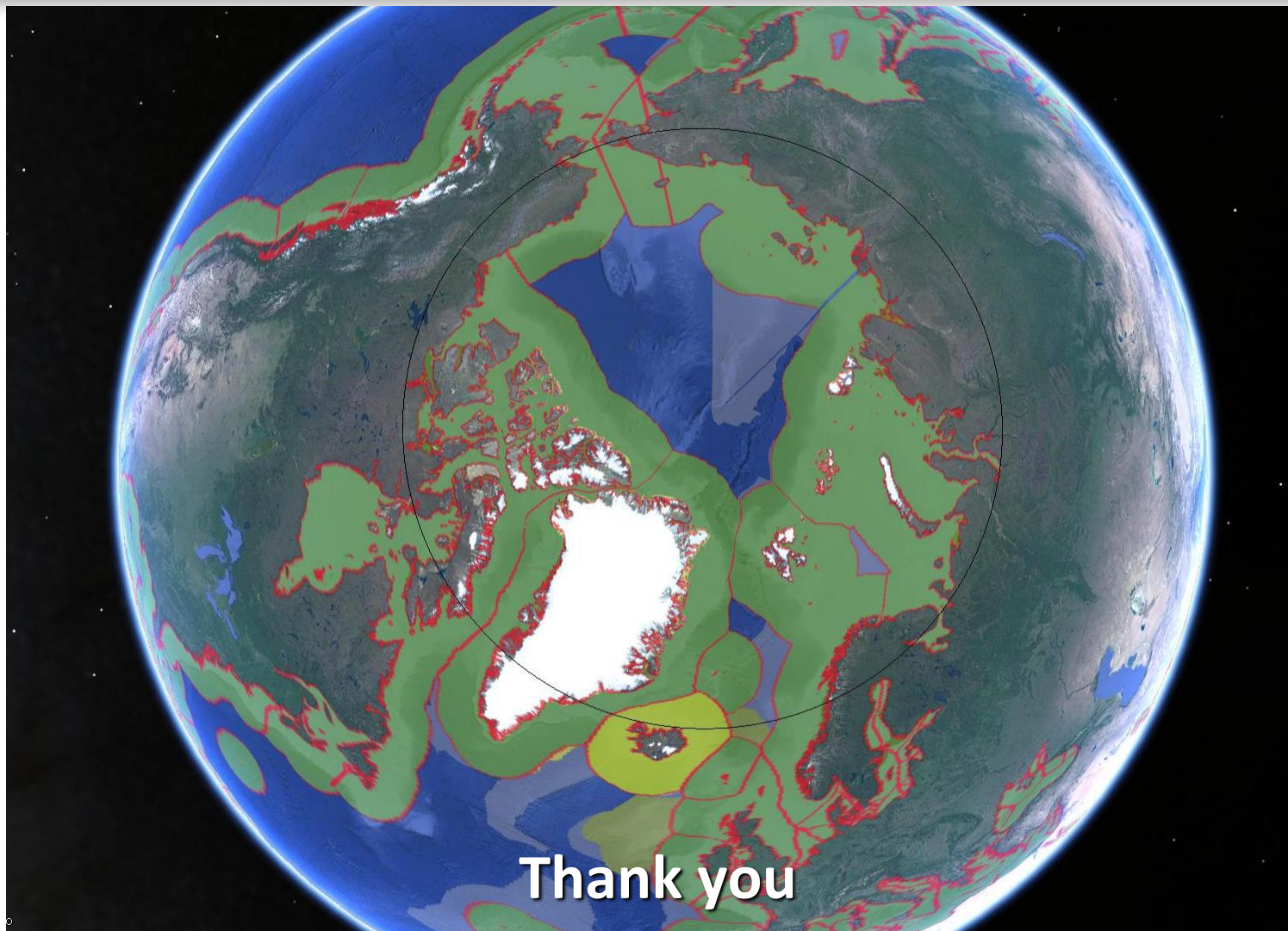
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Other activities

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



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Thank you