




National Report - Iceland

Arctic Regional Hydrographic Commission

14th meeting, 4-5 September 2024



Hydrographic and Maritime Safety Department of the Icelandic Coast Guard

- Hydrographic Surveying and Nautical Charting in Icelandic waters
- Other nautical publication
- Number of staff: 10 + 1 during survey seasons
- Head of department: 1
- Surveying: 3
- Charting and publications: 5
- Survey vessel mechanic: 1

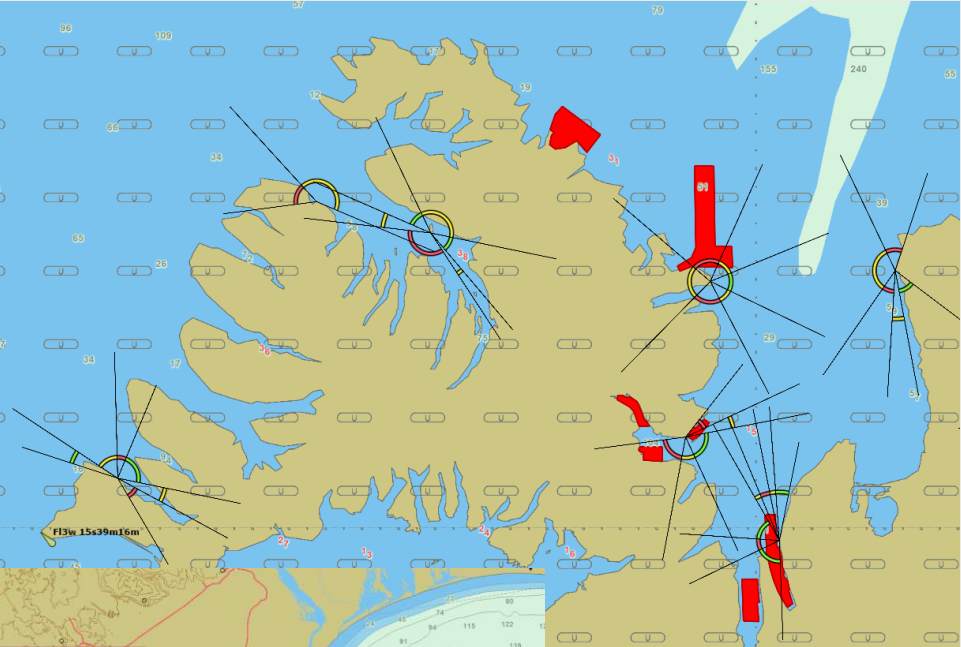
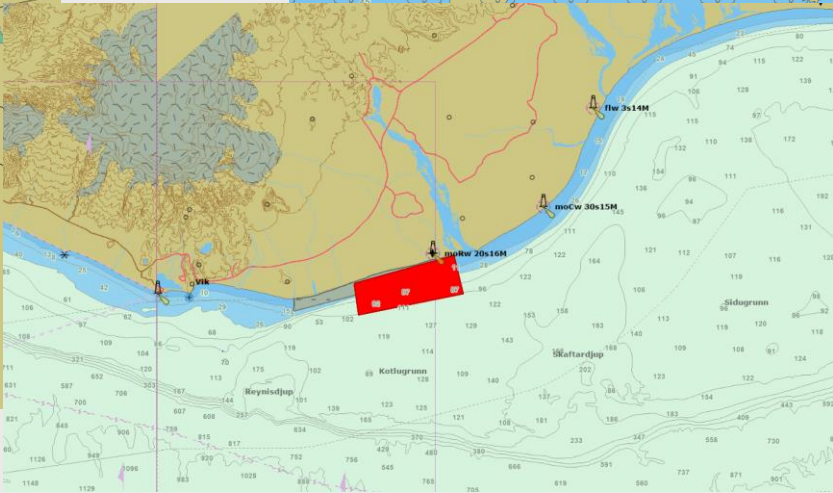
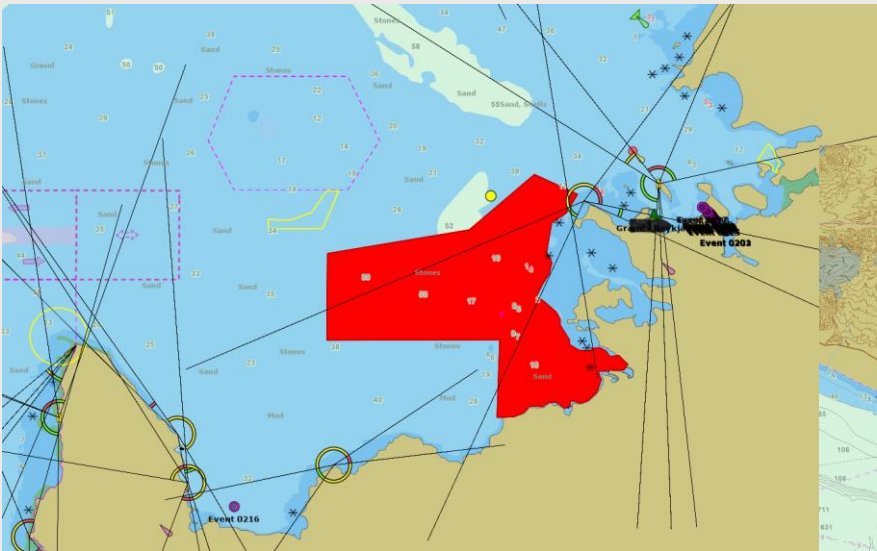
Surveys

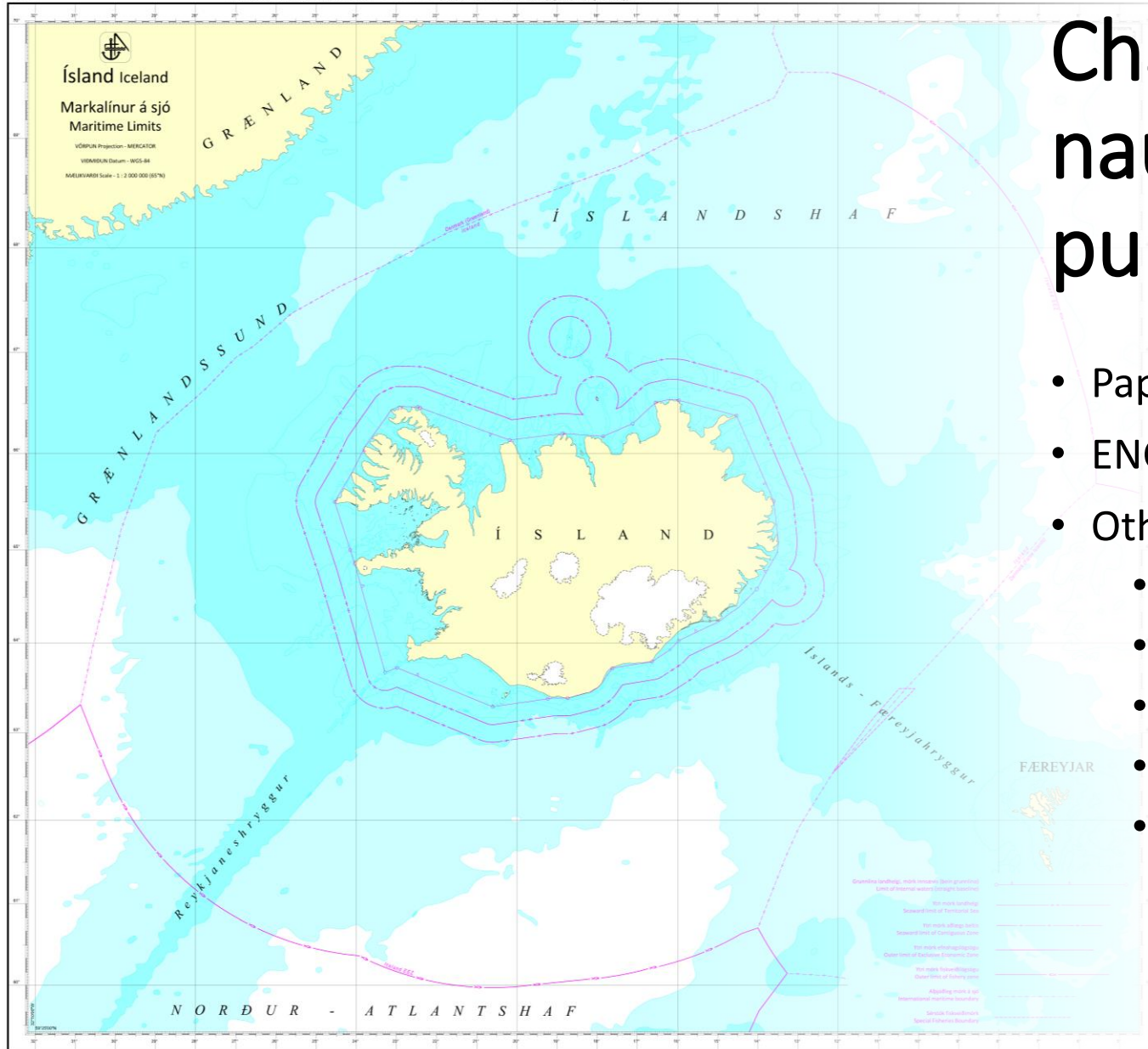
- Survey and patrol vessel BALDUR
 - Crew of 4
 - Surveyors/Navigators
 - Operated for 86 survey days
 - Also patrol and training



Survey work from last meeting

- Faxaflói bay
- Húnaflói bay
- South coast



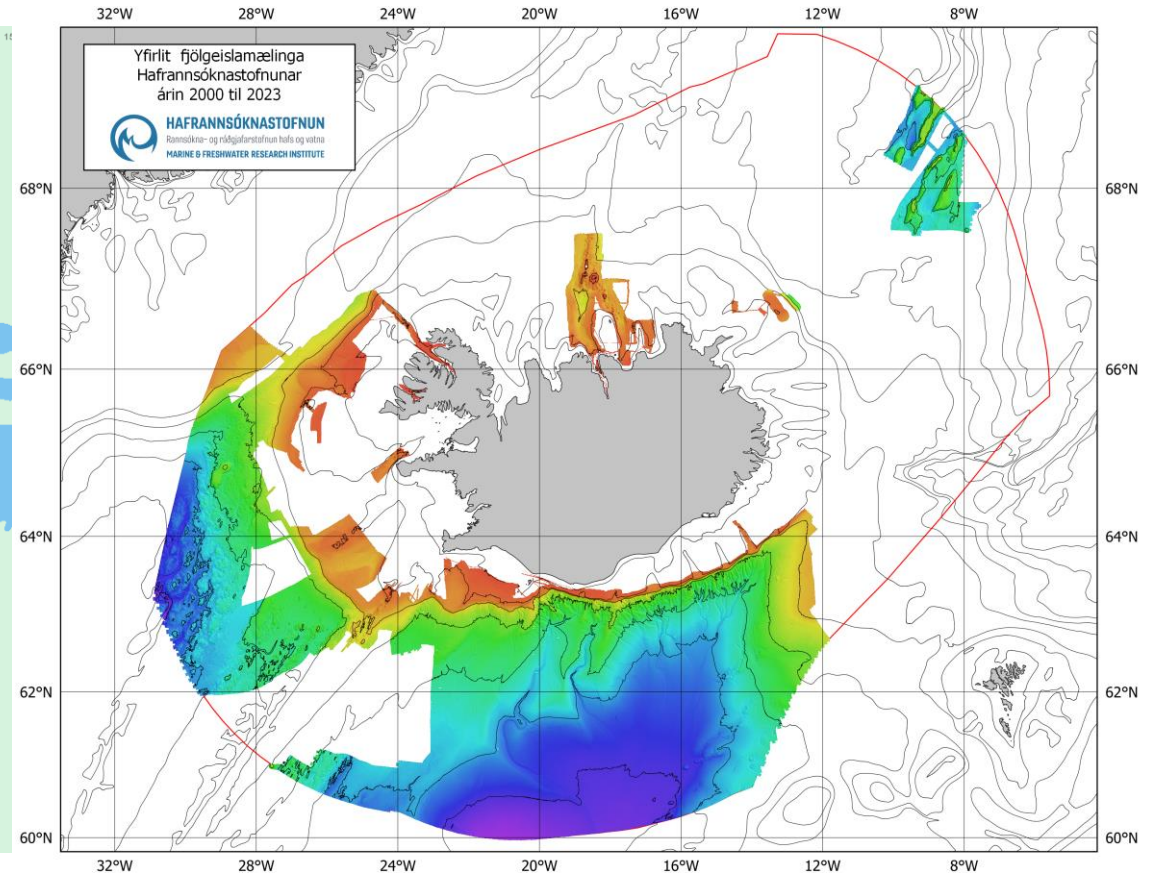
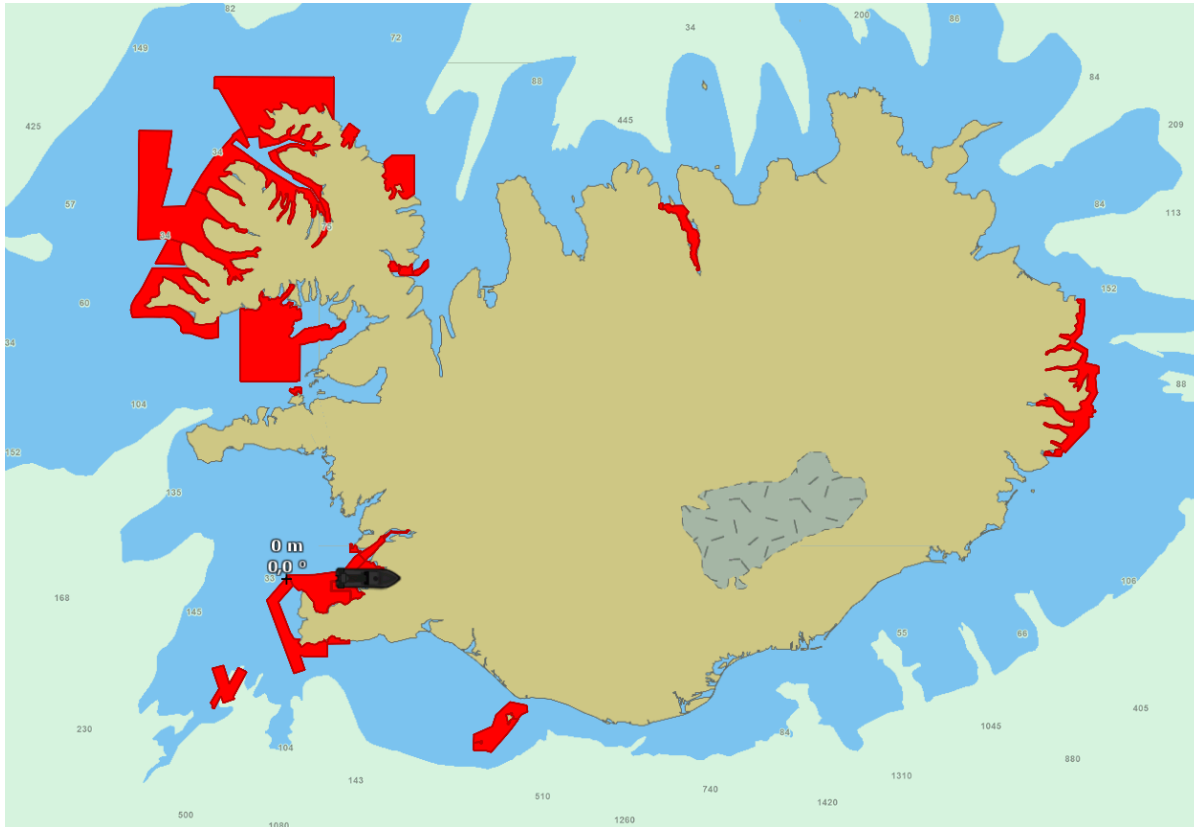


Charts and other nautical publications

- Paper charts – 82
- ENC – 72
- Other nautical publications
 - INT 1
 - Tide Tables
 - Tide Almanac
 - List of Lights
 - Notices to Mariners

Collaborative project on MB mapping the Icelandic EEZ

- Collaboration between the Icelandic Coast Guard and the Marine and Freshwater Research Institute

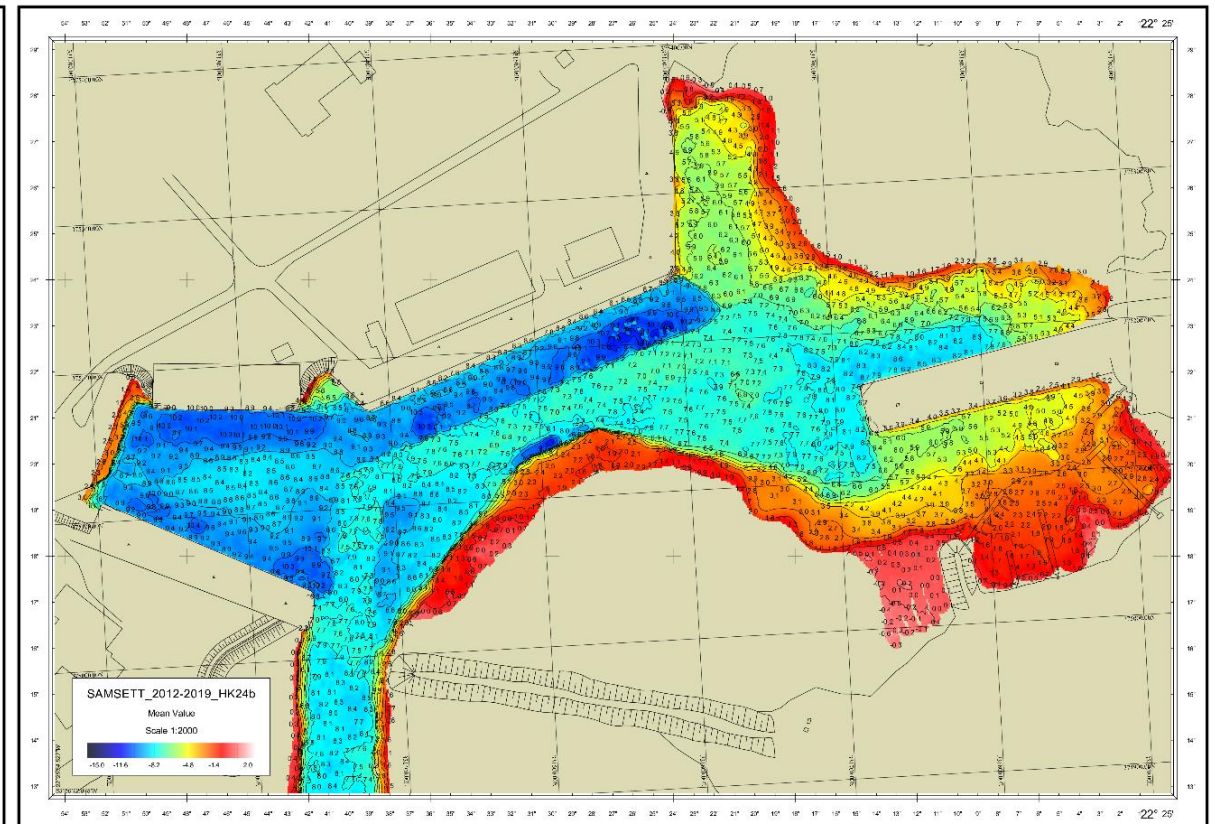
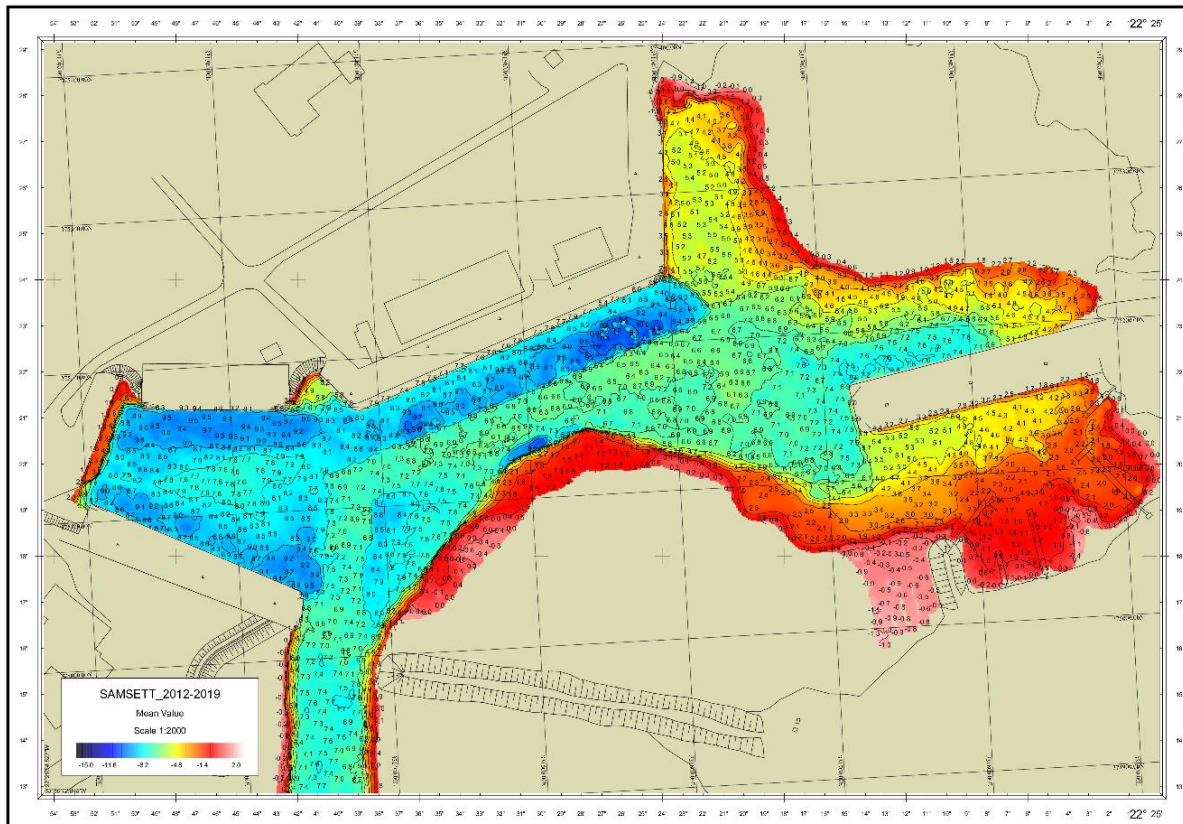


Seismic activity under the village of Grindavík



Seismic activity under the village of Grindavík

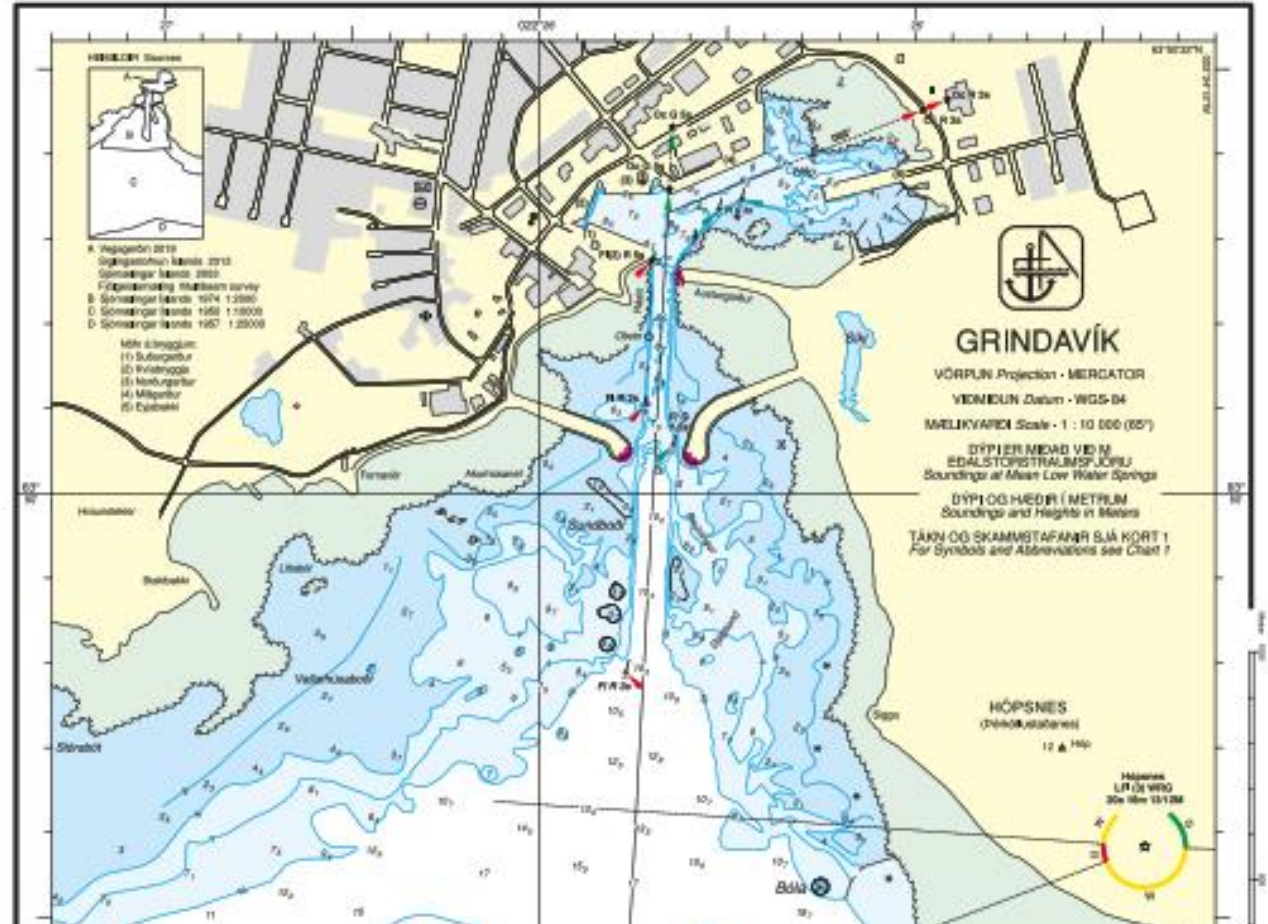
- Harbour survey in November 2023
- The harbour is now 40-50 cm deeper after thousands of earthquakes due to magma intrusion in this area and several eruptions
- Control points in town dropped more than 40 cm.
- Temporary height reference system established in February

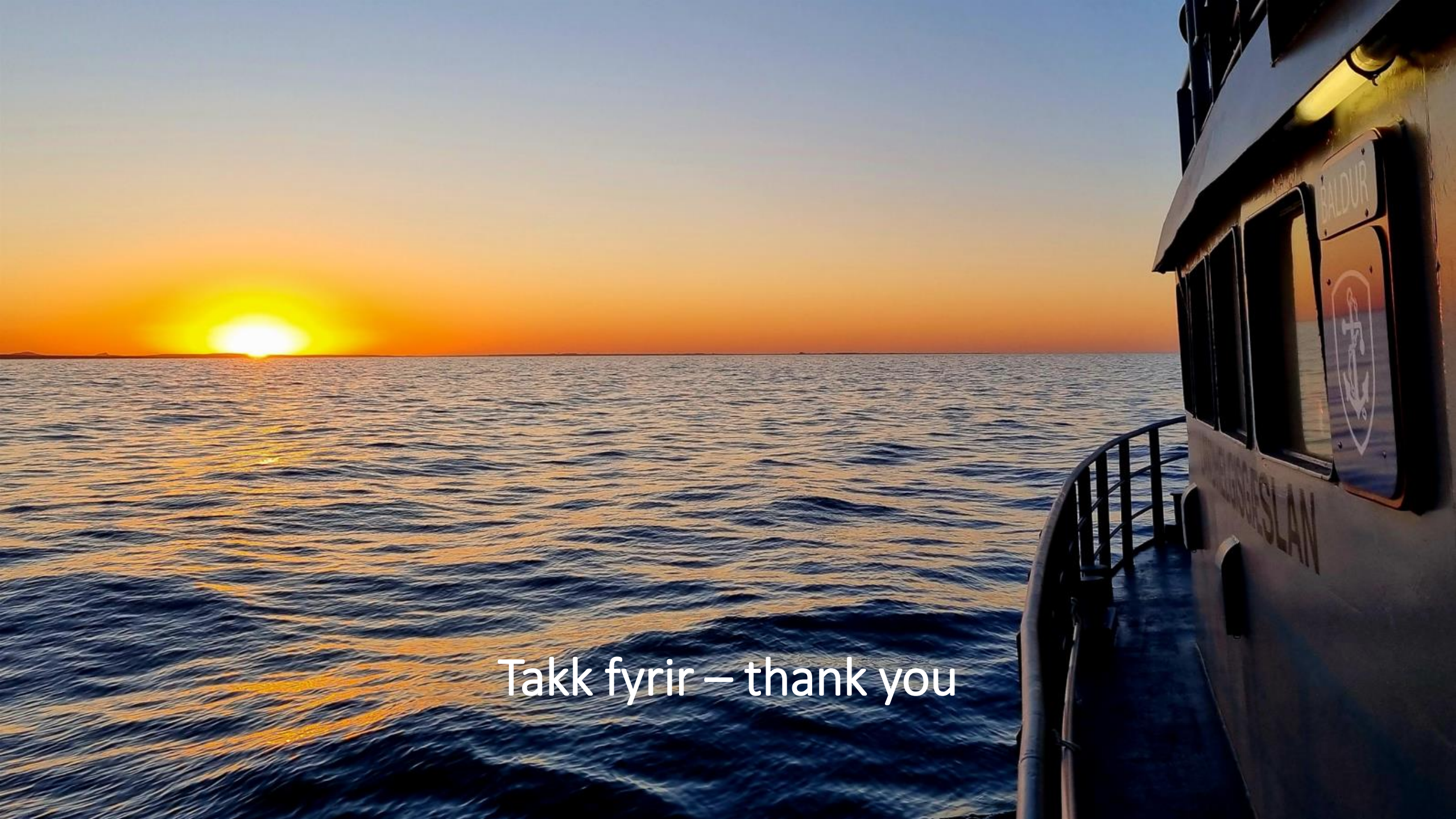




Seismic activity under the village of Grindavík

- Reissued harbour chart of Grindavík with new depth information is on hold due to repeated rise and fall of the land in relation with repeated volcanic eruption





Takk fyrir – thank you