

Current status of the FAMOS geoid model

- Interim geoid models were calculated based on gravity database release version 2
- Version 3 includes data to end 2018, not quality checked nor distributed
- More data were measured in 2019 (Sweden, Poland, ...)

FAMOS geoid model

- No continuation of EU-funding for the FAMOS project
- There is a need to finalize the FAMOS geoid model to realize the Baltic Sea Chart Datum 2000 for maritime applications
- Finalization will be coordinated by the Baltic Sea Hydrographic Commission Chart Datum Working Group (BSHC CDWG)

FAMOS geoid finalization effort

Goal: Finalize FAMOS geoid model before the end of 2022

Action points:

- Inform all relevant parties (FAMOS + add. Data owners) about the plans for finalizing of FAMOS geoid model and the new BSHC CDWG ToR
 - Official email coming soon including license question
- Secure the data licenses
- Exchange existing FAMOS interim geoid models
- Quality check of the current FAMOS gravity database release (version 3)
- Prepare a final FAMOS gravity DB release. Deadline: Next CDWG meeting (2-4.3.2021)
- Compute gravimetric quasigeoid models based on version 3 and final version of gravity DB and select the final gravimetric model(s)
- Compute and agree on a corrector surface/blending scheme to make sure that the final FAMOS geoid model agrees with BSCD2000 on land
- Wrap up (reporting, delivery and marketing)