



BUNDESAMT FÜR
SEESCHIFFFAHRT
UND
HYDROGRAPHIE

Update of the Chart Datum surface planned for 2026

Andreas Boesch (BSH)
NSHC Tidal Working Group, February 6/7, 2024
Göteborg

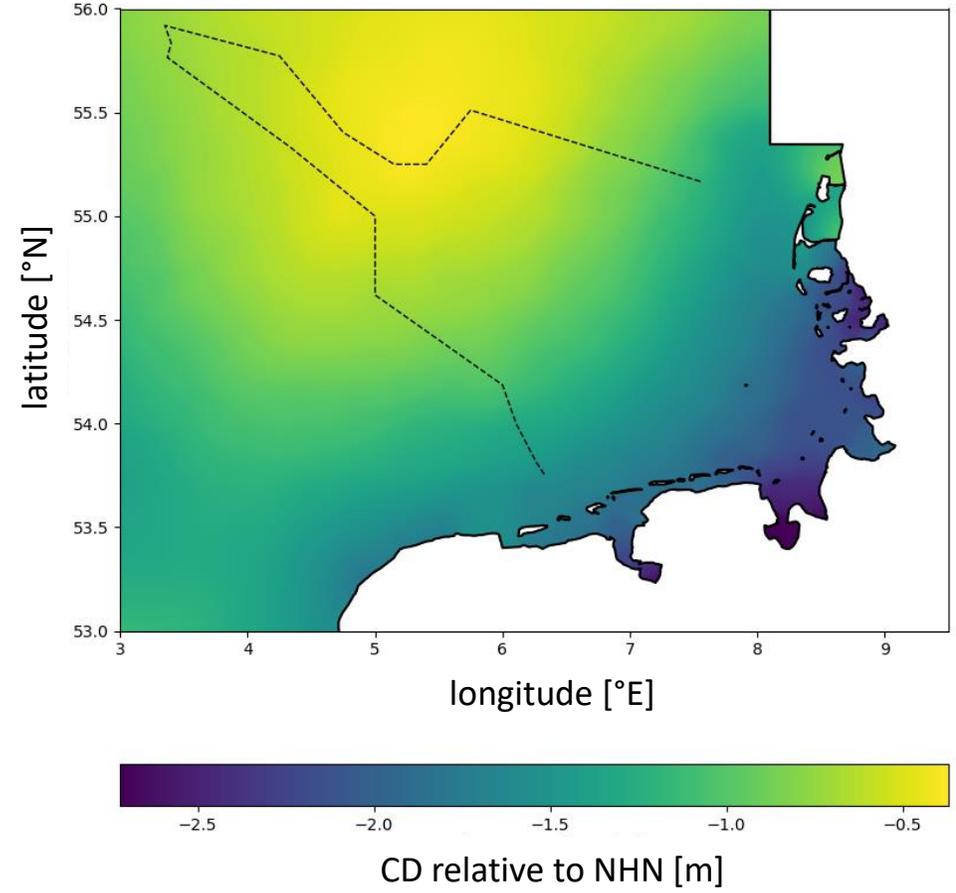
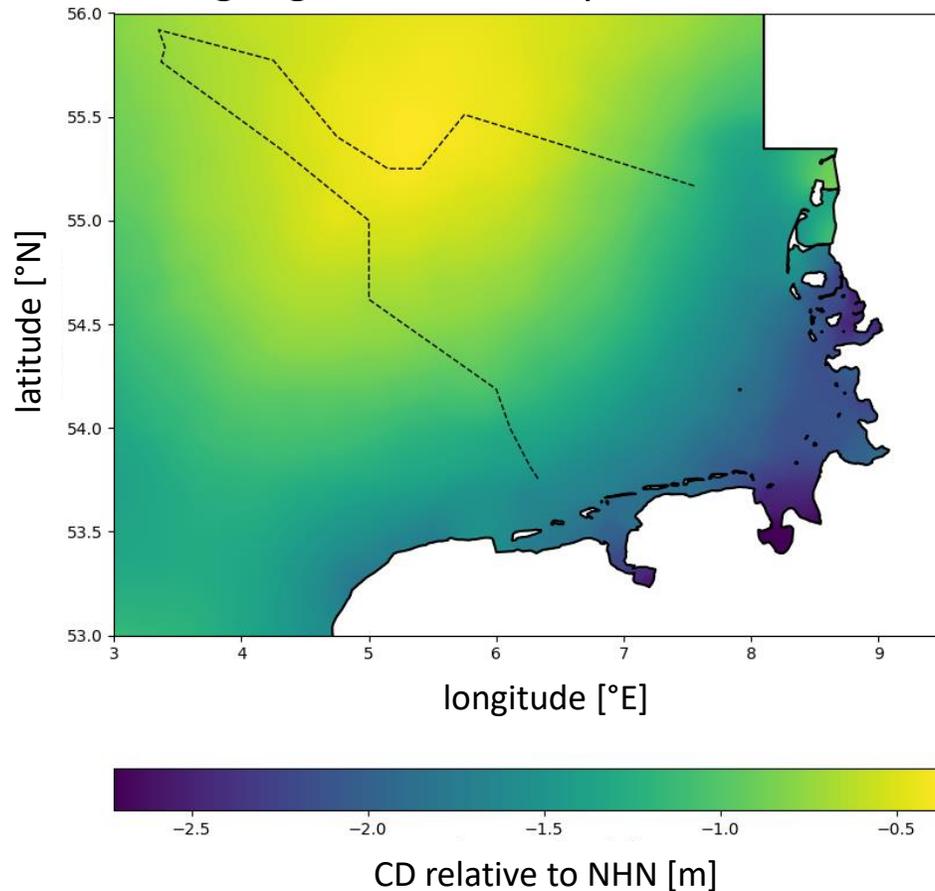
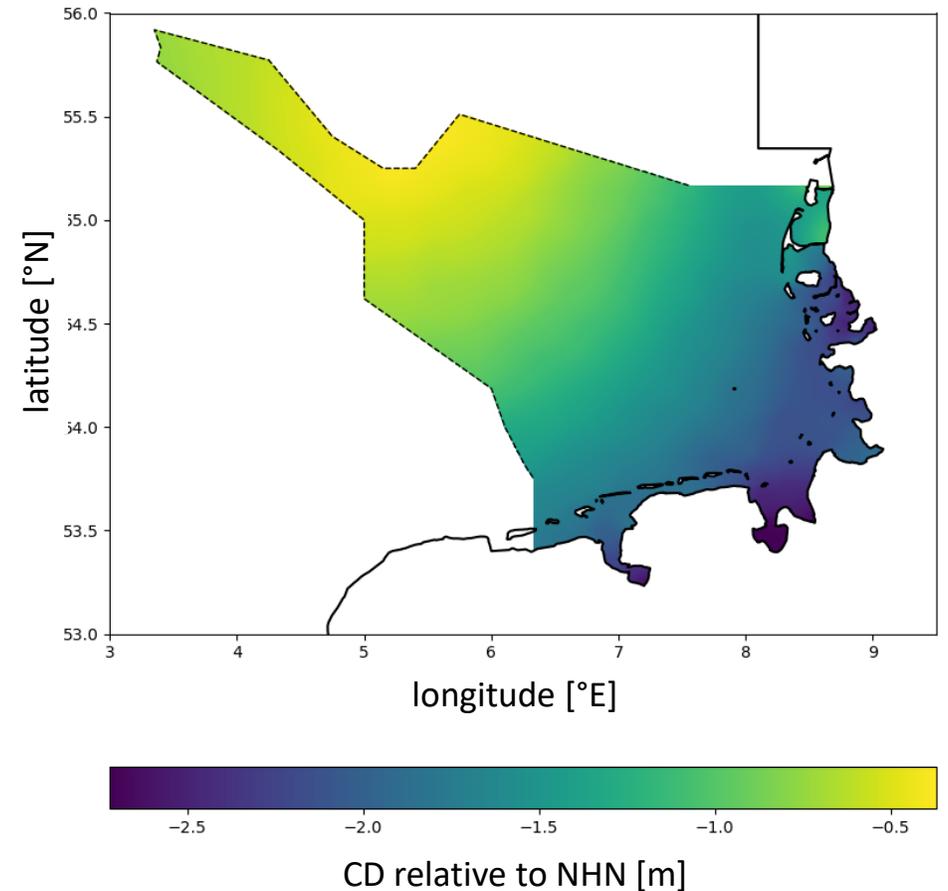


Chart Datum Surface North Sea 2021

Larger grid: for developer and scientists



German waters: official chart datum

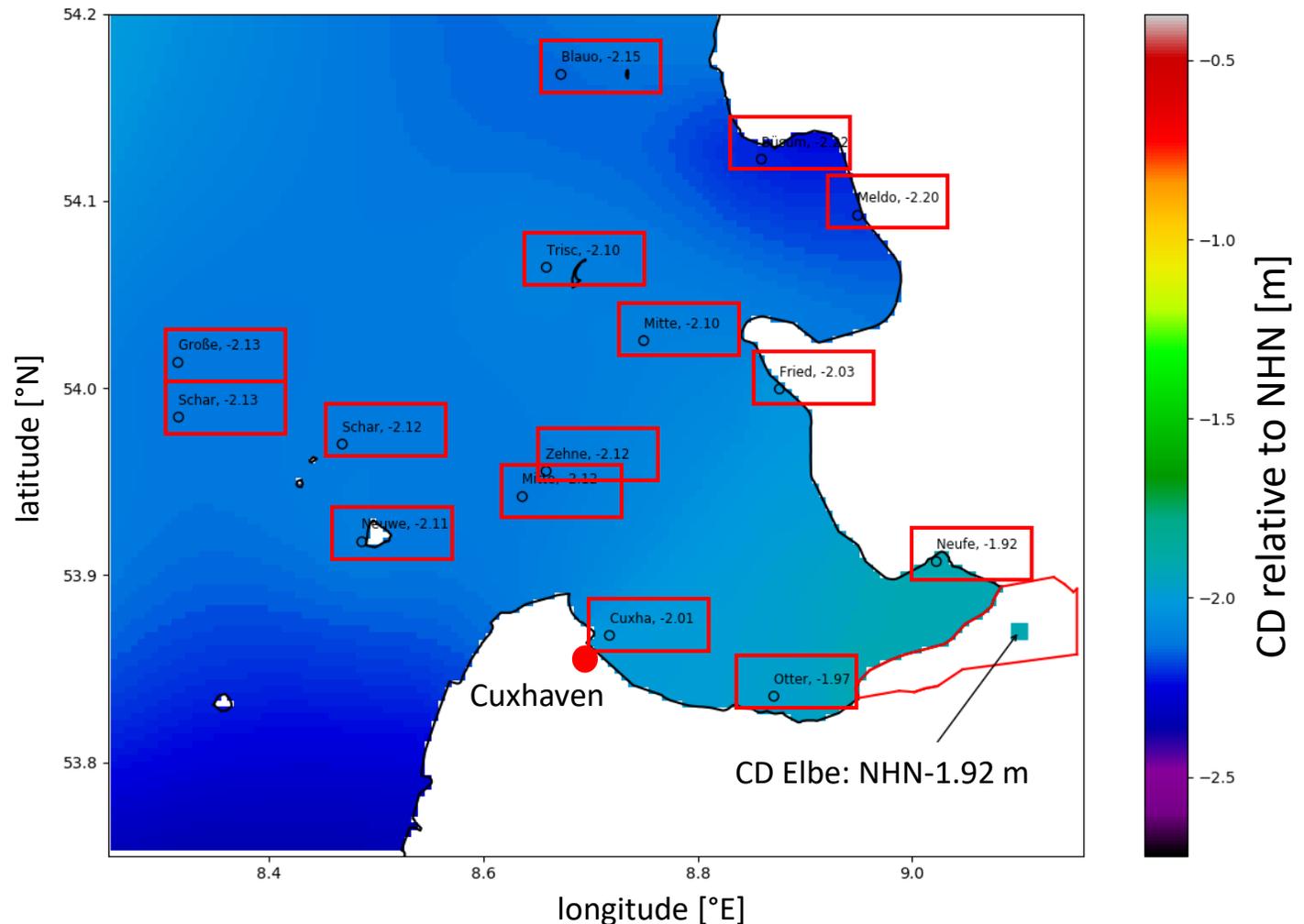


Update
every 5
years



What is planned?

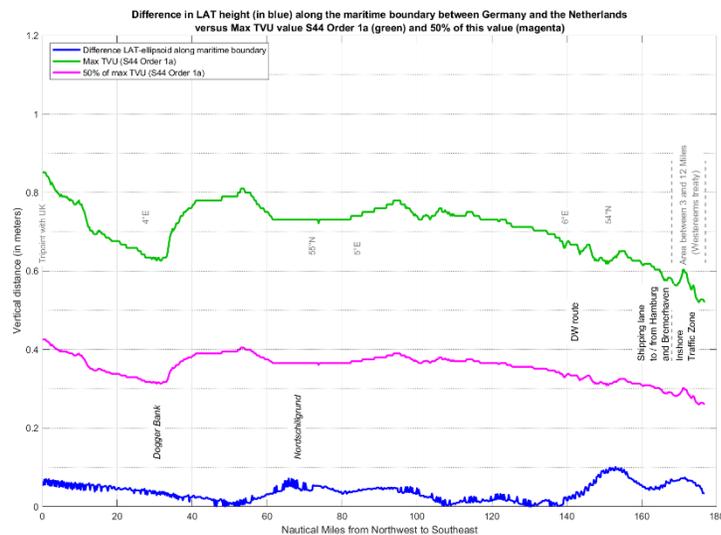
1. Use updated CD-values at **tide gauges** (based on LAT)
2. Provide CD relative to ellipsoid (ETRS) and geoid (NHN) in one data set
3. Tbd: New LAT calculation from circulation model for offshore region



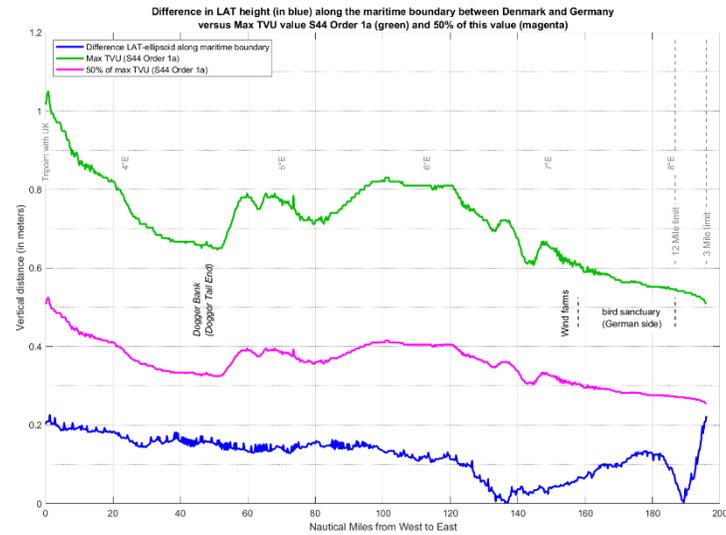
Situation at the maritime borders

- No big changes are expected.
- Differences at maritime boundaries are already well below the 50% TVU criterion.

NL-DE



DK-DE



UK-DE

