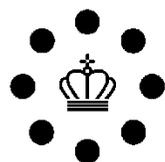


64th Nordic Hydrographic Commission Meeting
20 – 21 April 2021

D. 6.2.

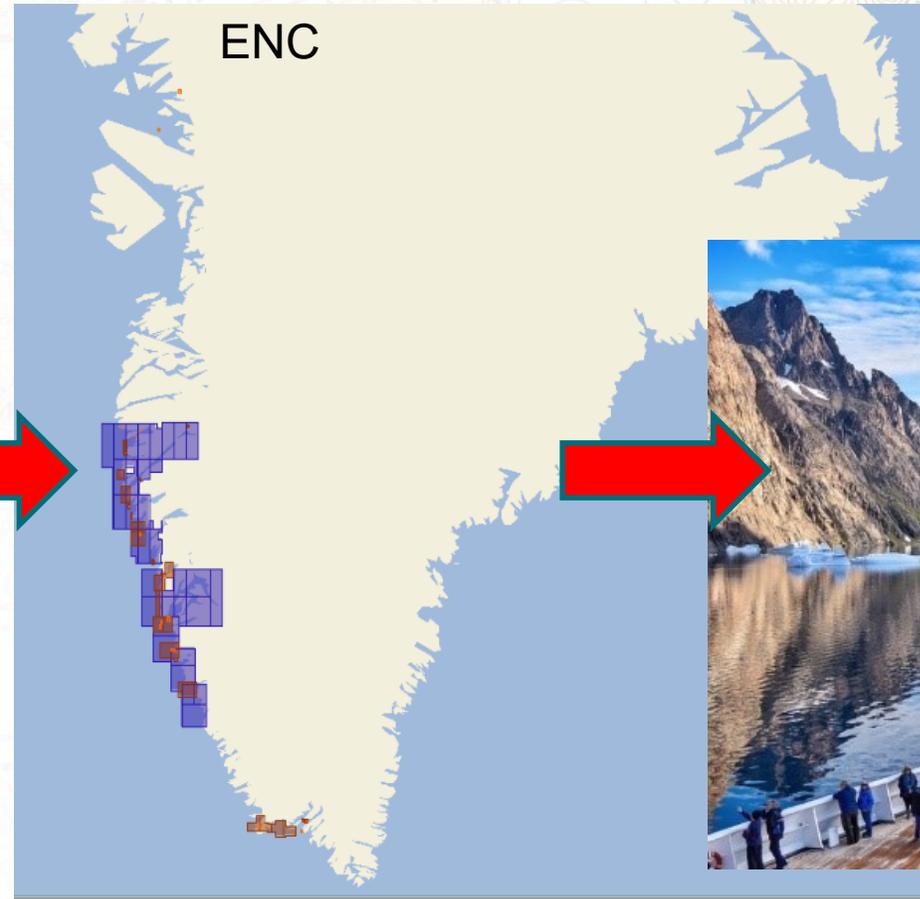
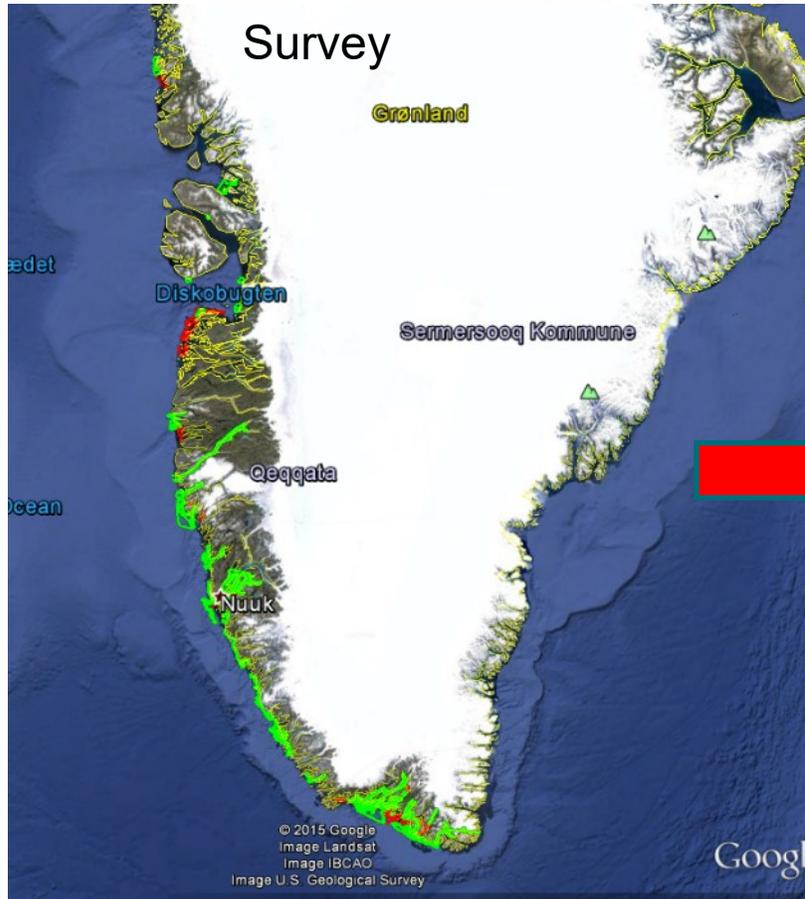
ENC with basic content in Greenlandic waters



Geodatastyrelsen

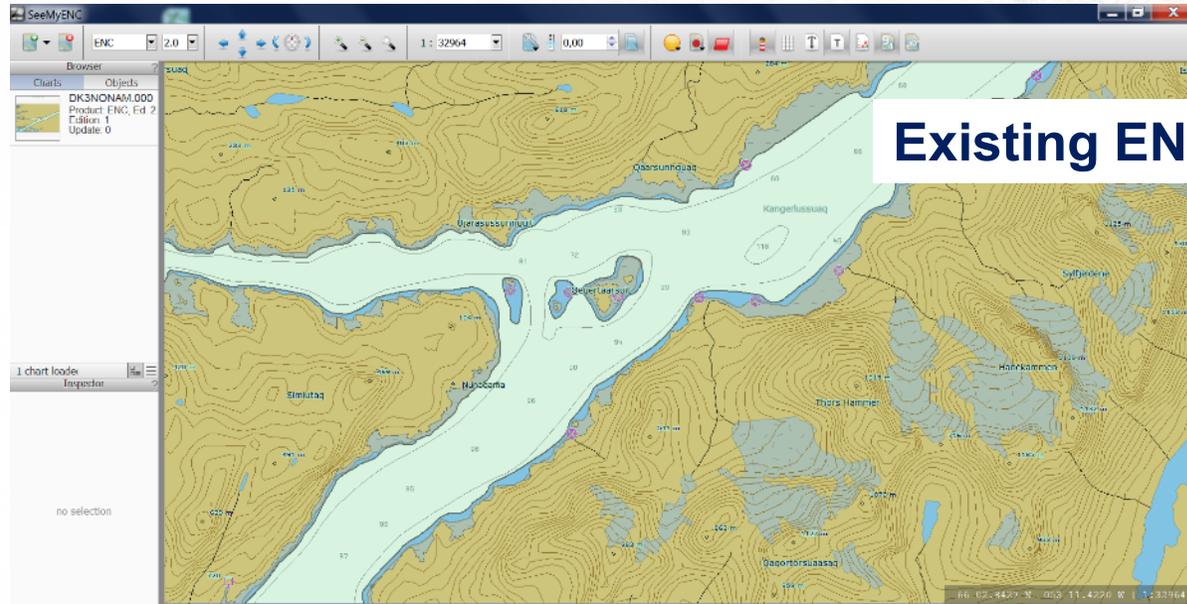
How do we ensure that the users have faster access to our data?

- GST has stored many years of survey data from the Greenlandic waters which for various reasons has not been fully available for the users.
- Any critical depths identified in connection with the survey have been continuously published in Chart Corrections, but there is still a significant amount of data that has not been published in the charts - and in the electronic charts.

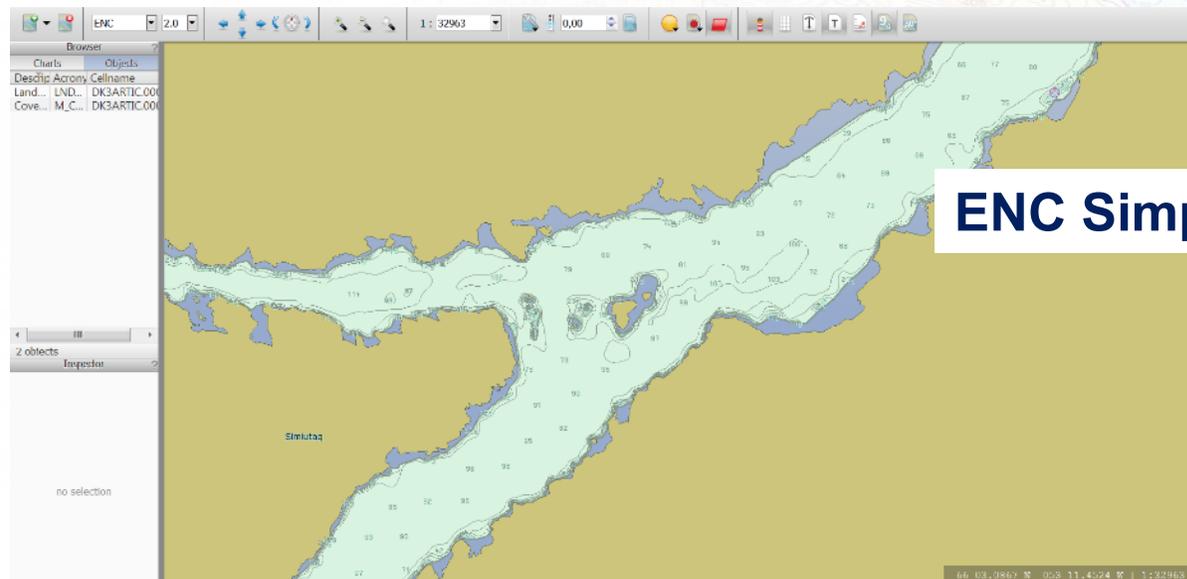
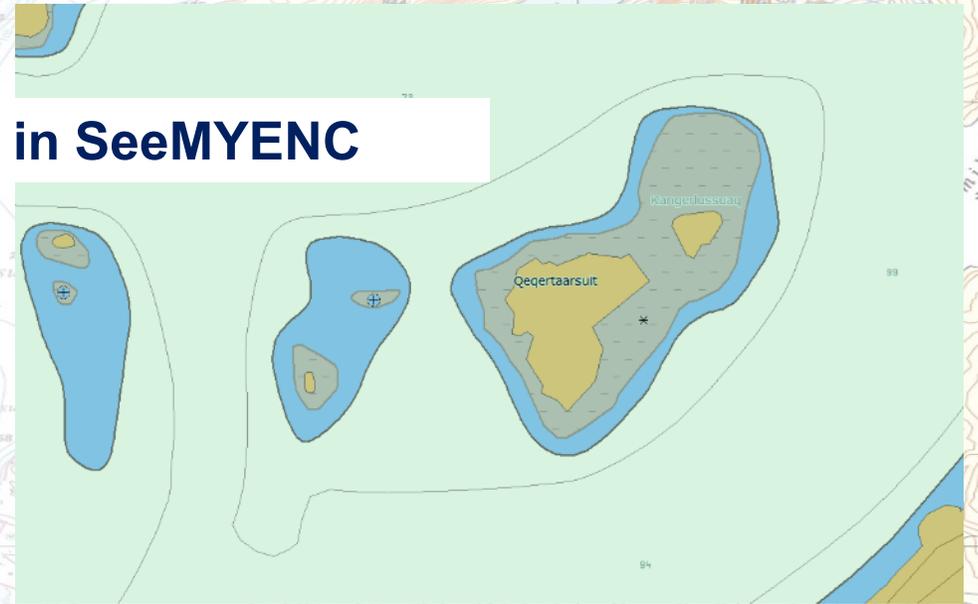


Krydstogtskib på vej gennem Prins Chr. Sund

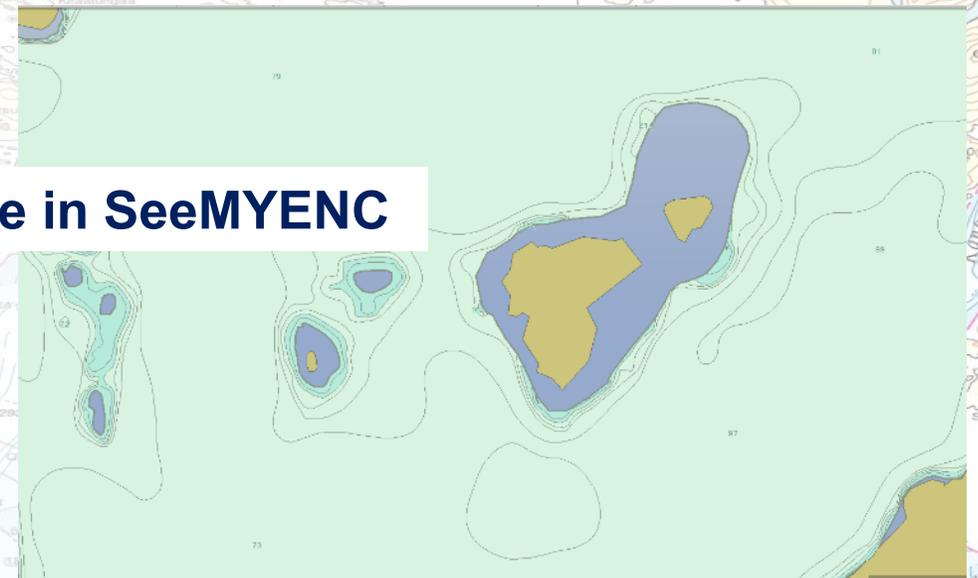
Pilot project ENC Simple



Existing ENC in SeeMYENC

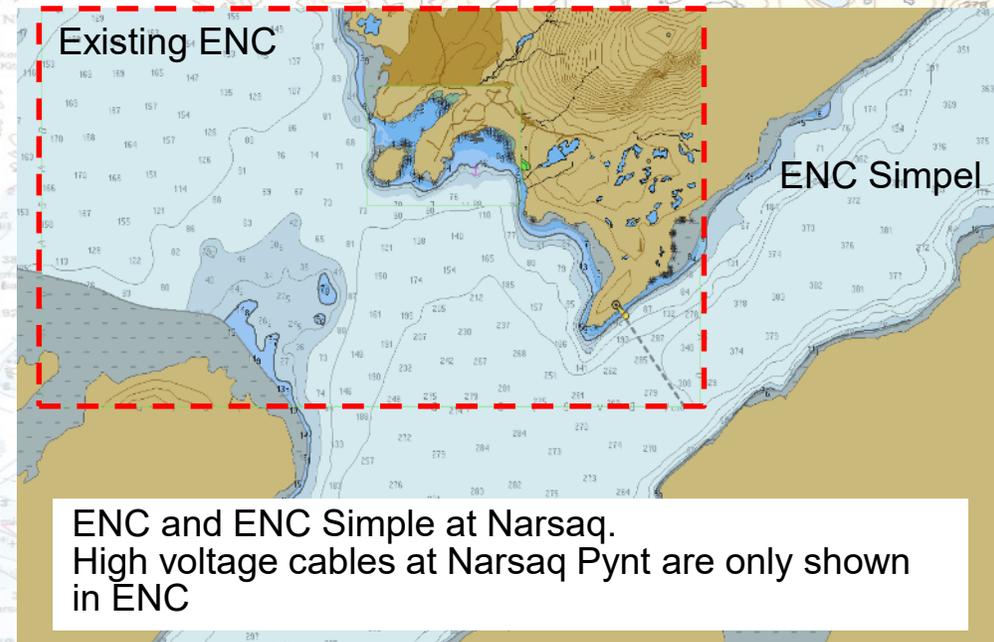
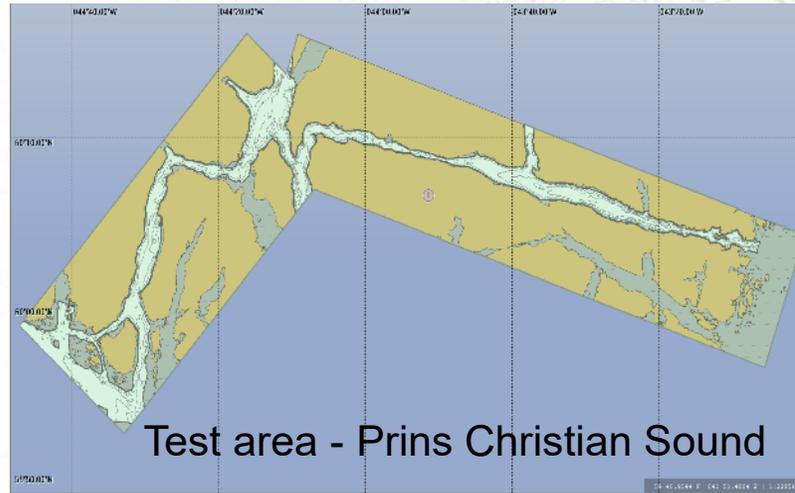
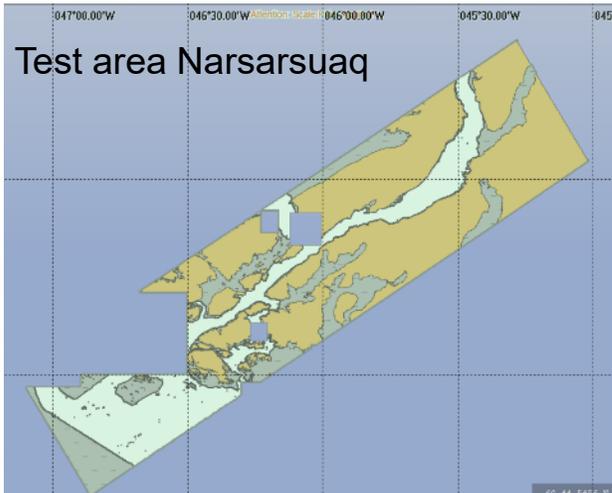
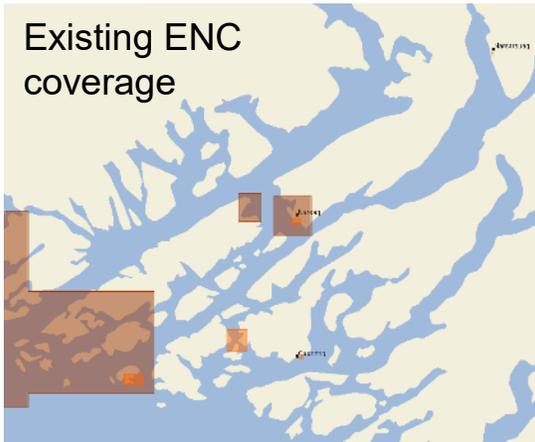


ENC Simple in SeeMYENC



Pilot project ENC Simple

- The test took place in 2018 and 2019
- Pilots from Greenland and the Navy participated in the pilot project
- Feedback was positive
- Expecting an official product
- ENC's on several scale bands



ENC with basic content (Basic ENC)

Overall purpose of Basic ENC:

- To support the users with the best available hydrographic data where data has not yet been published.
- To provide quality data on a usable scale
- Reduce the time it takes for survey data to be published and available to users
- Improve ENC coverage in Greenland
- To open up new areas and new route options

Fact box:

Production of traditional paper charts and ENC requires a lot of different information, which results in a long production time.

By producing ENC with only basic content, it will be possible to get the current survey data out to users significantly faster.



What does a Basic ENC contain?

The initiative means that DGA over the next 3 years will produce up to approx. 70 Basic ENC in scale 1: 22,000 (Usage Band 4) for the southwestern part of Greenland in areas where there is multibeam data and where ENC has not yet been produced.

Basic ENC will contain only the most necessary information for navigation:

- Multibeam depth data,
- New georeferenced coastline
- Information that is important for navigation, e.g. lighthouse, beacons and cables

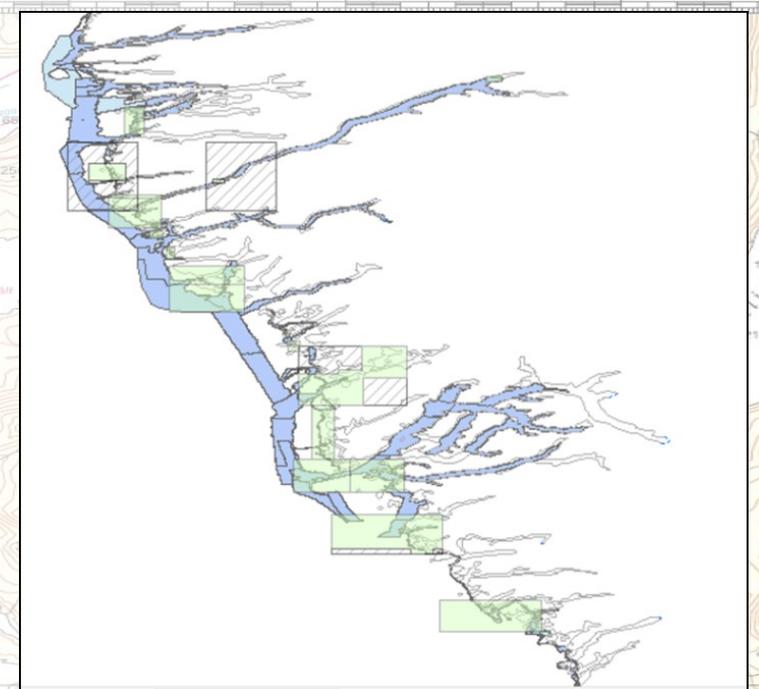
What does a Basic ENC NOT contain

"Old" survey data (data not measured with multibeam)

Land information e.g. lakes, topography and names etc.

NB! There will be a difference between Basic ENC and existing older paper charts

Basic ENC can be used as a basis for ENC and production of paper charts



Green areas indicate existing coverage with ENC (Usage band 4). Blue areas indicate where lake surveying has been carried out with multibeam

