



## CALHYPSO

A tool and a service for cartographic and hydrographic offices for creation and update of bathymetry charts.

**CARTOGRAPHY**  
**GENERALISATION**  
**PRECISION**  
**ENC DENSITY DATA**  
**READABILITY**  
**HIGH SCALE SAFETY NAVIGATION**  
**REPRODUCIBILITY**  
**EFFICENCY**

**CALHYPSO** offers the following services :

- Creation of S-57 bathymetry charts through scaled generalisation rules
- Identification of new navigational dangers

**Interested? Let's try it !**

Geomod offers two options for trying Calhypso:

### Book your live demonstration

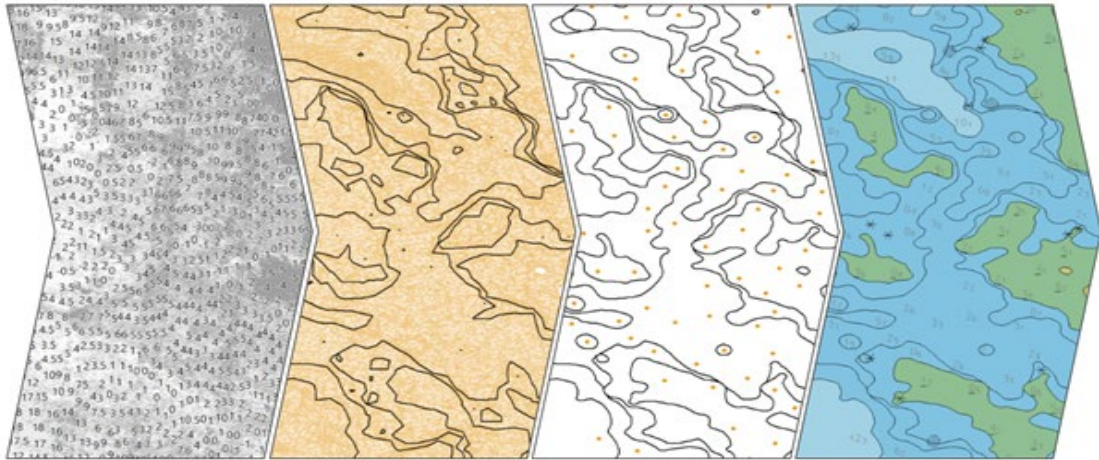
- A meeting to show you CALHYPSO at work
- An occasion for us to answer all your questions

### Send us your own data

- We process your own dataset as a free trial
- You define the scale and Geomod adjust generalisation to get the best readability
- The result is sent to you within a week

## Creation of S-57

Creation of a **generalized bathymetry chart** using high density data sets (Formats .xyz ; .acs ; .csv ; .dat ; .lgz ; .glz ; .pts).

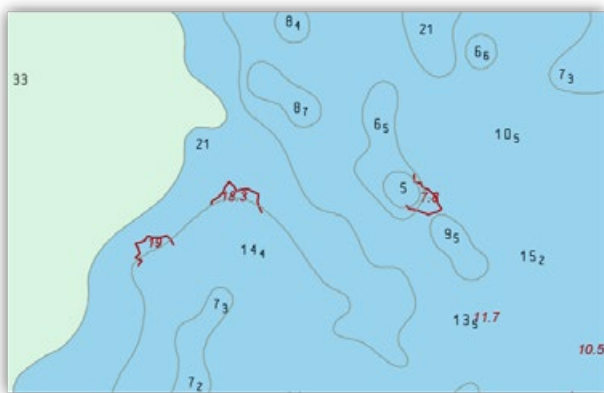


**Generalisation control** comparison of the input file with the result to assert accuracy and readability requirements of the chart for cartographers.

A **Reliable and efficient generalisation** process helping cartographers to avoid repetitive tasks, allowing them also to analyse complex cases more efficiently.

## Detection of new navigational dangers

Comparison of **newly acquired bathymetry data** with current ENC's to detect differences and warn cartographers and mariners about apparition of new dangers.



An **automated detection** process for navigation hazards.

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