CALHYPSO

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

Objectives:

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:
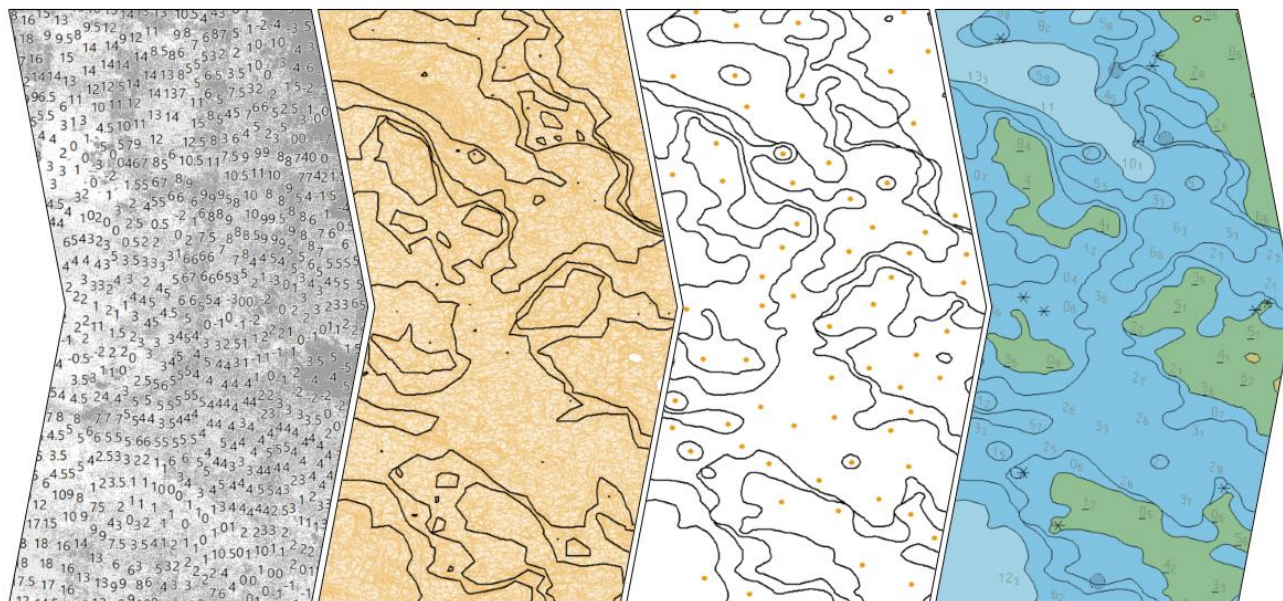
Book your live demonstration	Send us your own data
o A meeting to show you CALHYPSO at work o An occasion for us to answer all your questions	o We process your own dataset as a free trial o You define the scale and Geomod adjust generalisation to get the best readability o The result is sent to you within a week

Creation of S-57 ENCs

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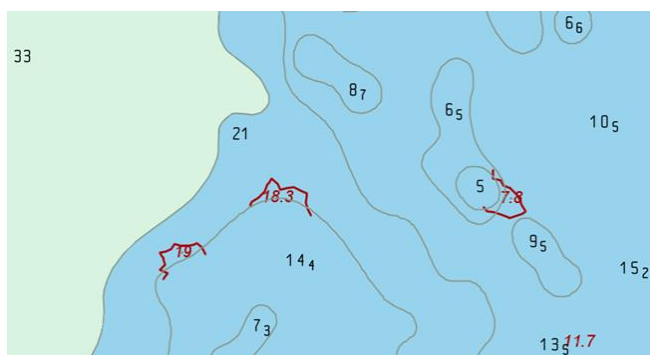

Generalisation control comparison of the input file with the result to assert accuracy and readability requirements of the chart for cartographers.

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 ENCs to detect differences and warn cartographers and mariners about apparition of new dangers.

An **automated detection process** for navigation hazards