

NSHC32 - Dublin



Increase Bathymetric Contour Lines



Agenda

- Who are we?
- Increase Bathymetric Contour Lines
 - Status Quo
 - Technical Possibilities
 - Advantages
- Q&A





Founded: 1992

Employees: 80+

Locations: 3

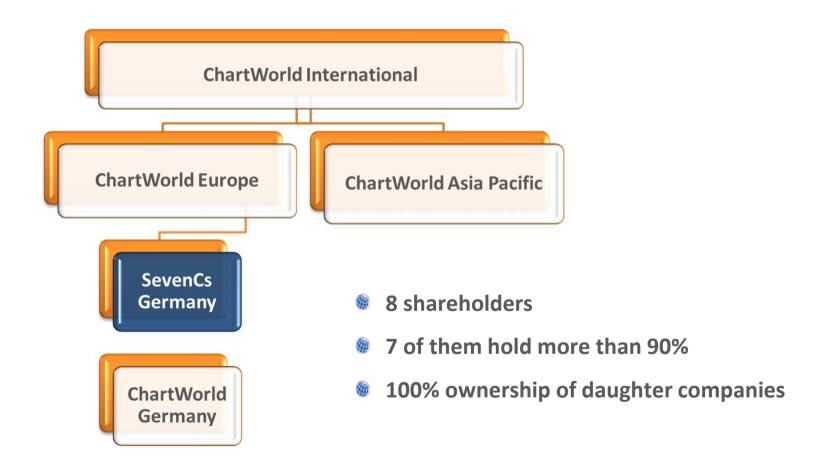
made
in
Germany



- © Creator of the ENC Standard S-52 & S-57
- Member of IHO working groups (20+ years)
- Member of Inland ENC Harmonization Groups & CIRM















- Shipping companies
- Hydrographic offices
- OEM (ECDIS, WECDIS, VTS etc.)
- Pilot Associations
- Defence companies
- @ etc.





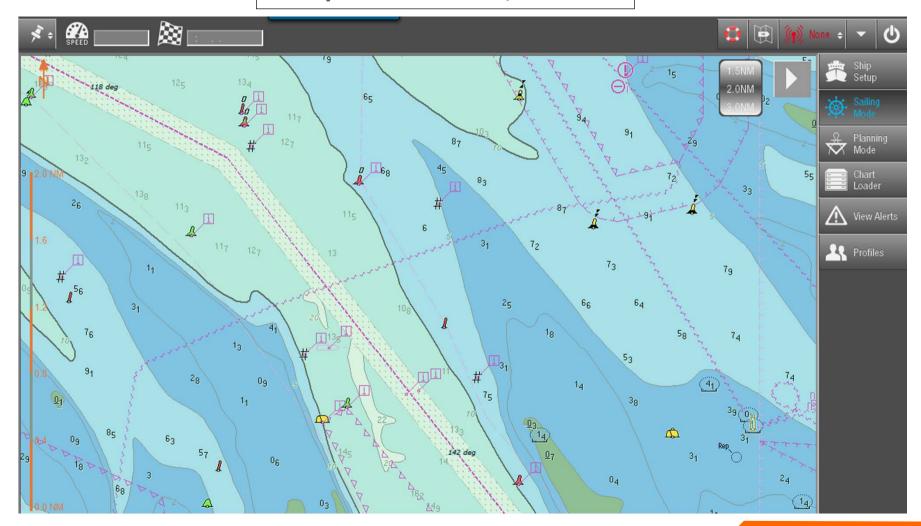


Status Quo:

- Common pattern: 2m, 5m, 10m, 20m etc.
- ## High manual interaction
- Long paper chart production
- Smaller navigational areas
- Loosing time & money



Safety Contour = 10m, common



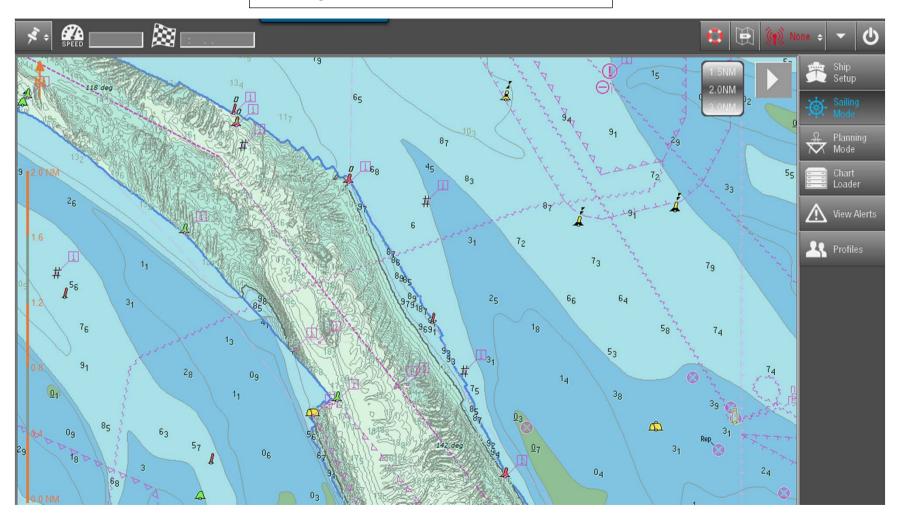


Safety Contour = 10.1m, common

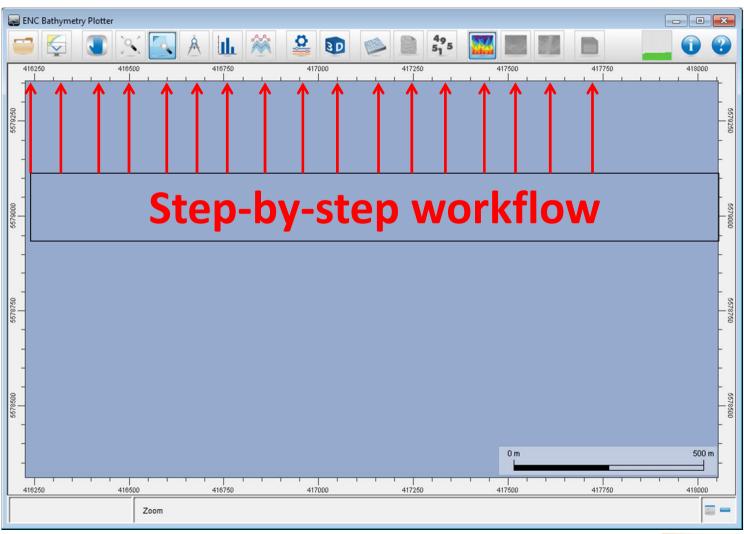




Safety Contour = 10.1m, dense

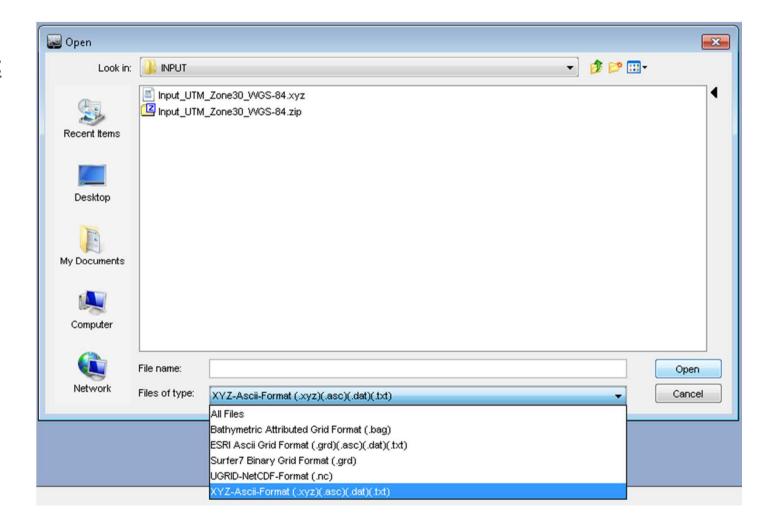




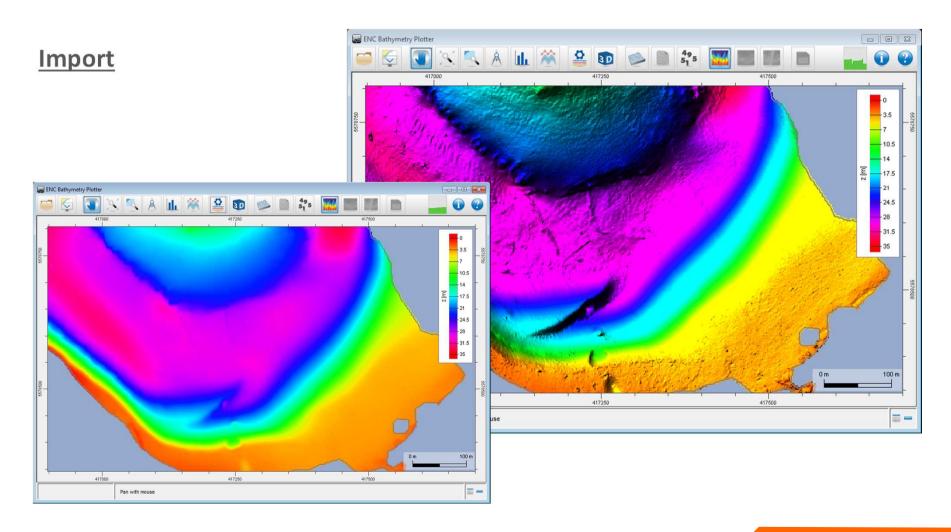




Import

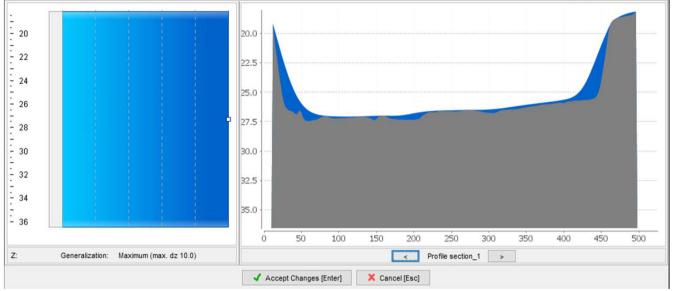


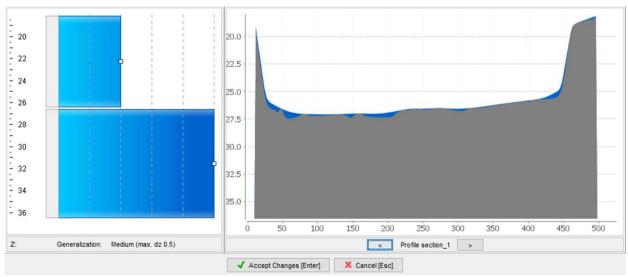






Generalization





Always to the safe side!

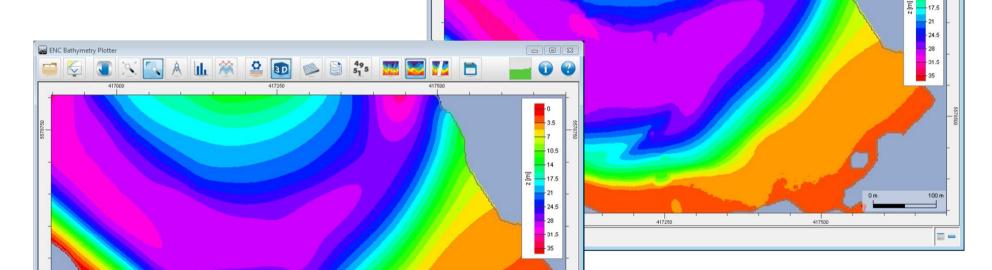


ENC Bathymetry Plotter

Main Topic

Nautical Model

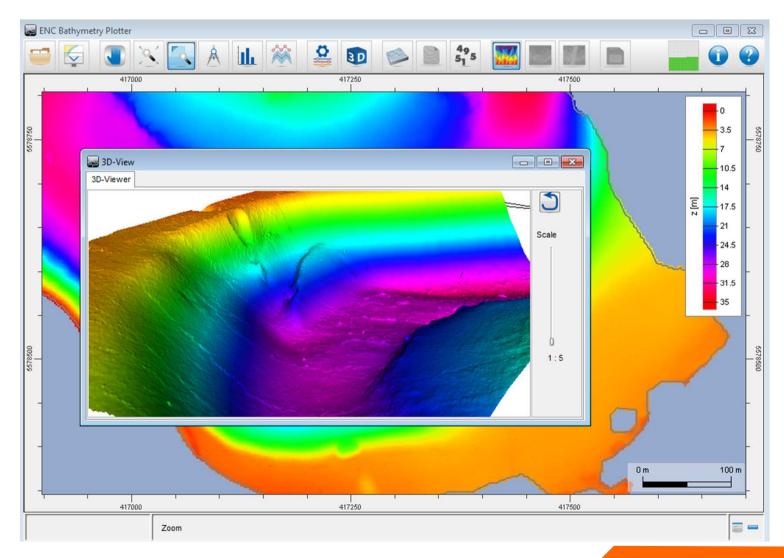
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Source Data

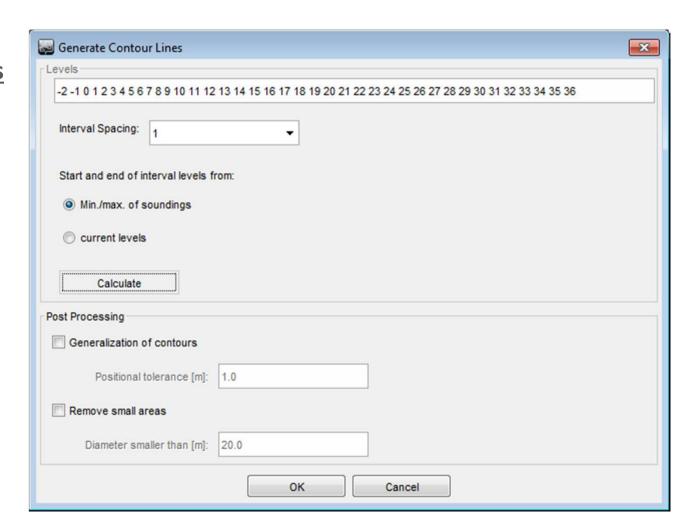


3D View



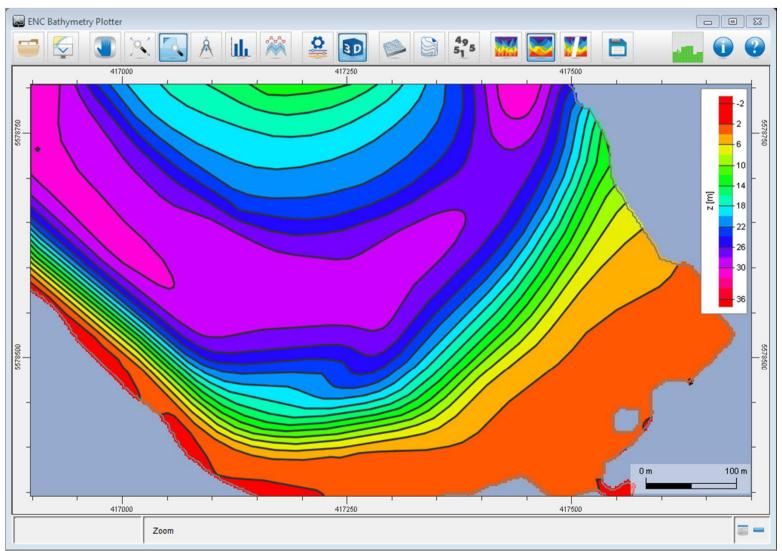


Set Contour Lines



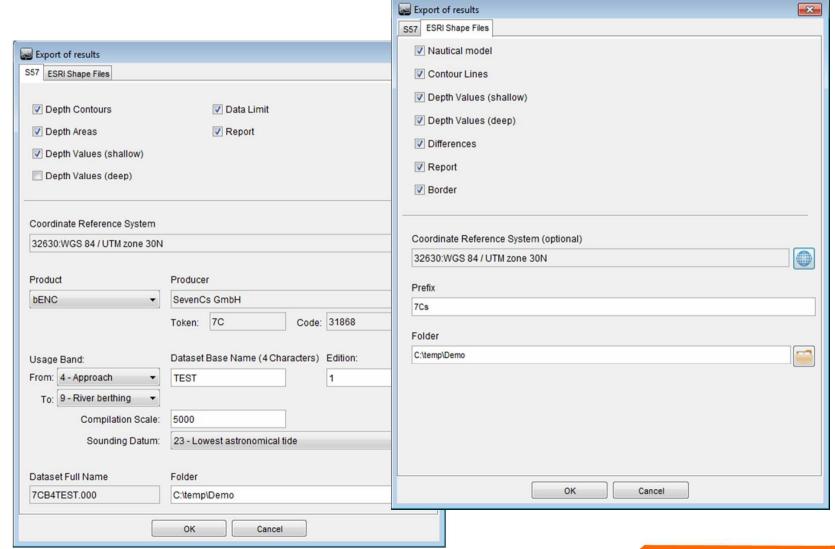


Generate
Contour
Lines





Export





Advantages:

- Ease of contour line creation
- Decrease manual interaction
- Export options:
 - speed up ENC updating
 - speed up paper chart production
- Set safety contours much more precisely

→ Safer Navigation!



Q&A



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