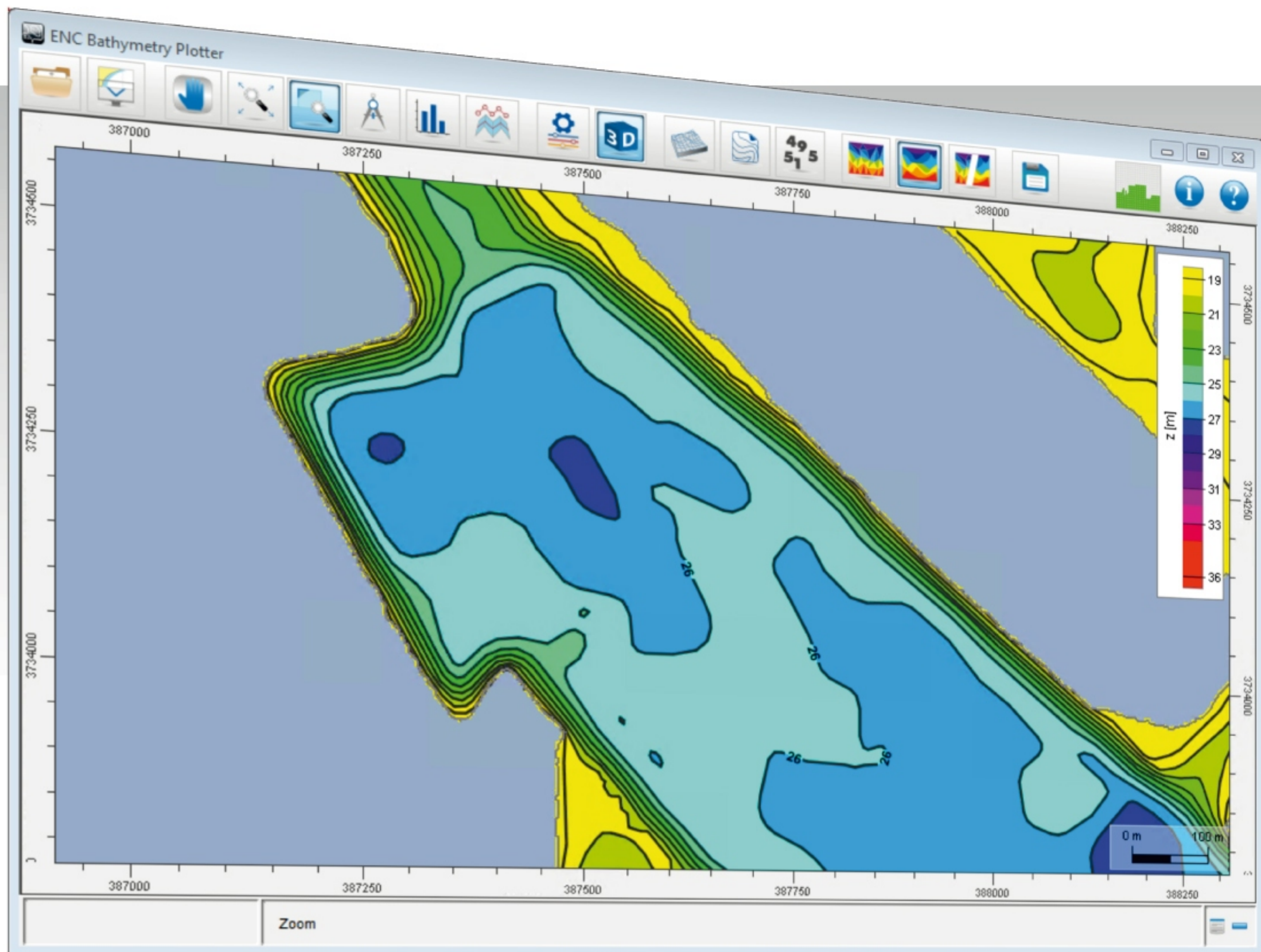
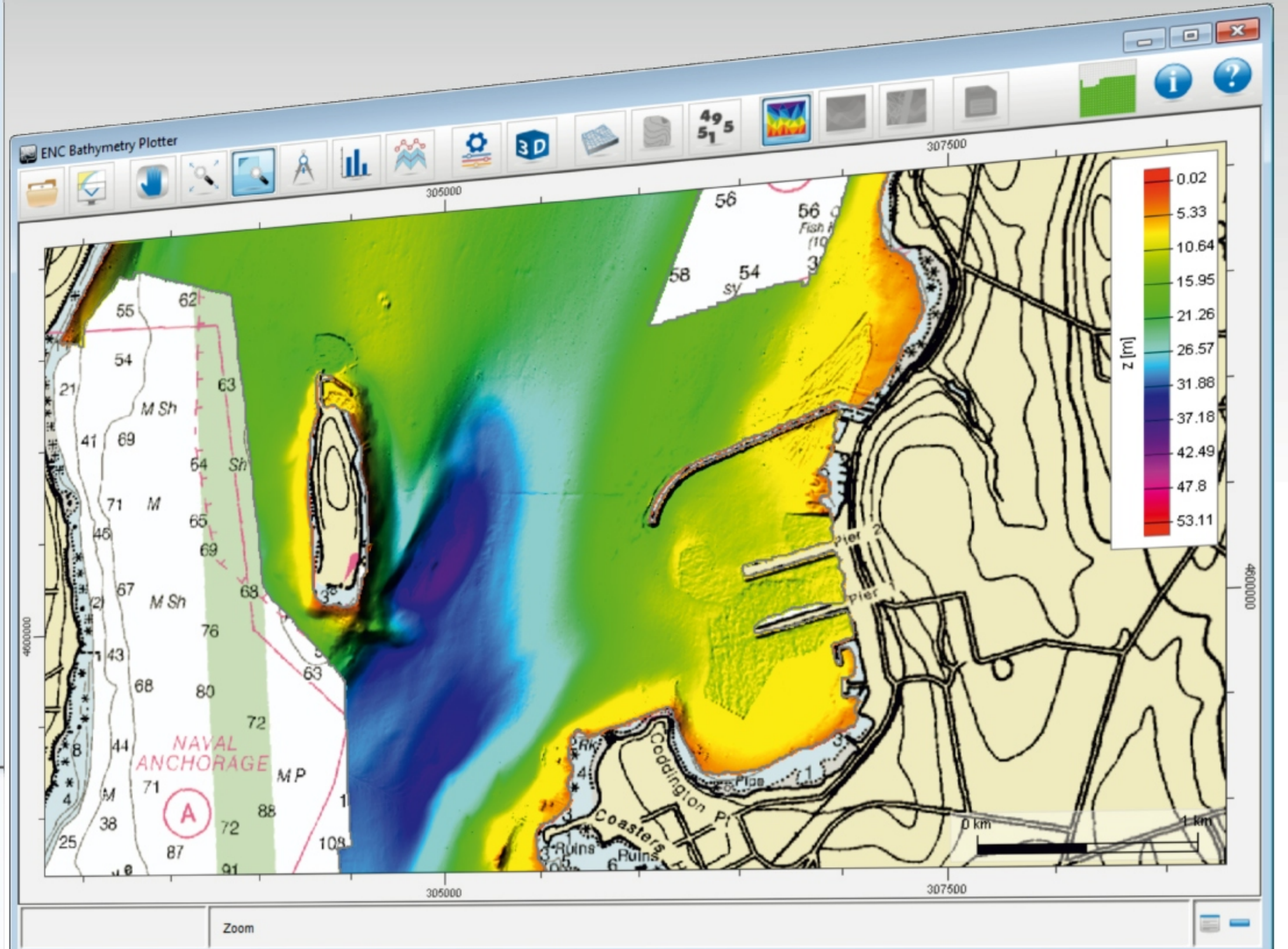


ENC BATHYMETRY PLOTTER

The ENC production tool intended to create bathymetric contour lines of high resolution and selected soundings.



ENC Bathymetry Plotter - contouring result*



Gridded Bathymetry with Backdrop *

PRODUCT HIGHLIGHTS:

- Straightforward workflow from data import via model creation to export of results
- Import of gridded bathymetry files (e.g. S-102, bag) or xyz point cloud data
- Easy to use display controls, 3d display, raster backdrops
- Support of multiple colour palettes for optimal data presentation
- Detailed statistics about input data and processing results
- Shoal-biased smoothing and generalization process
- Fast contour generation from nautical elevation model
- Sounding selection function
- Generation of detailed processing report and statistics in pdf format

INPUT DATA

ENC Bathymetry Plotter reads gridded bathymetry dataset files in various formats (BAG, ESRI ASCII Grid, etc.) and xyz point cloud data. It enables:

- Direct import of gridded bathymetry files and Nautical Elevation Models
- Preview of xyz input file
- Definition of grid size and interpolation parameters
- Easy column mapping

CONTOURING AND SOUNDING SELECTION

Users can specify which contours they want to process from the Nautical Elevation Model. Selected soundings are derived from the source data and sounding density is defined accordingly.

- Easy definition of contouring levels
- Optional contour optimization parameters to reduce number of line vertices and to avoid small closed contours
- Definition of sounding density

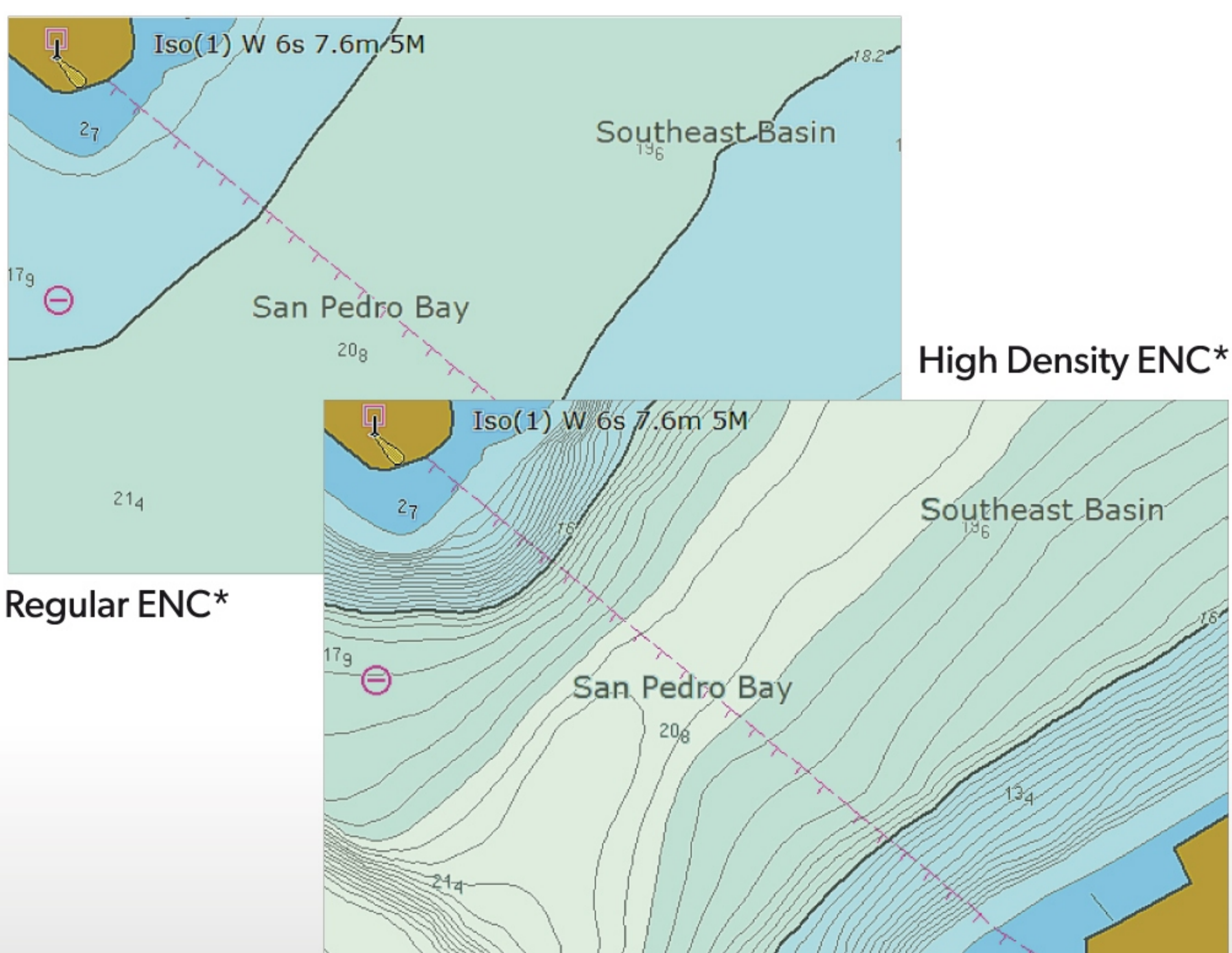
NAUTICAL ELEVATION MODEL

ENC Bathymetry Plotter transforms the input data into a Nautical Elevation Model according to user defined parameters. The strength of generalization can be defined individually for different vertical levels. It provides automatic and interactive creation of profiles for preview in profile viewer.

DATA EXPORT

ENC Bathymetry Plotter supports individual export of bathymetric features, surface models, and a report.

- Contours, soundings, depth areas and coverage polygon
- Nautical Elevation Model and difference model
- Summary report



* The image was created from data provided by courtesy of NOAA.