

Fathom

Coastal Mapping with an Edge

Bathymetry with lidar? Fathom it.

Fathom is the world's fastest, most intuitive aerial topobathy lidar solution. Fathom is comprised of a lidar sensor for deep and shallow water bathymetry. Also included is a built-in topographic lidar and a multispectral camera for the most complete coastal survey at a coverage of 50 km²/hr.

Fathom delivers data quickly by leveraging real-time quality control with Onboard and scalable processing with a CARIS workflow.



Benefits to Hydrographers



Holistic Land & Water Data

highest resolution and accuracy: engage multiple lidar modes and a multispectral camera simultaneously



Lower Operational Cost

smaller than typical sensors with lower mobilization cost



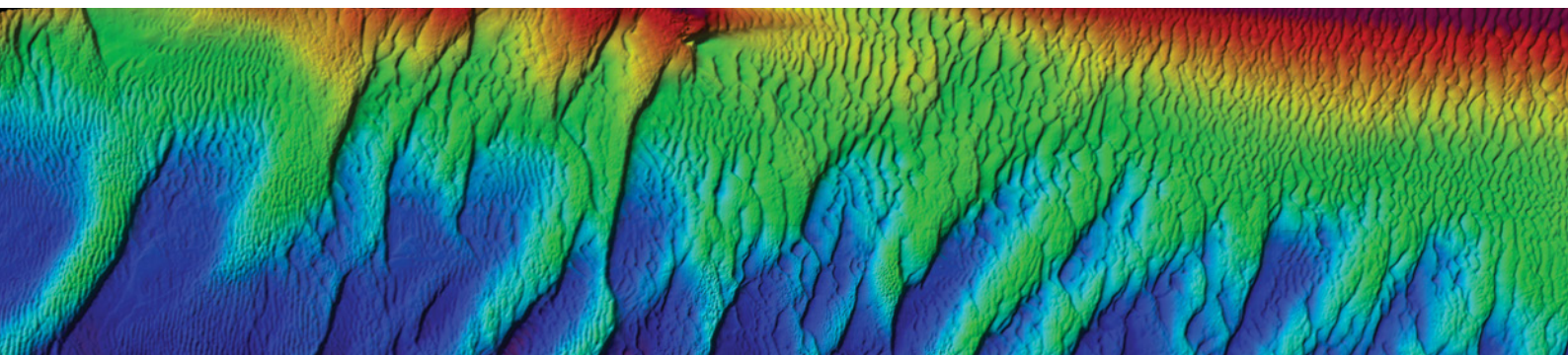
Confidence in Collection

with real-time quality control before landing

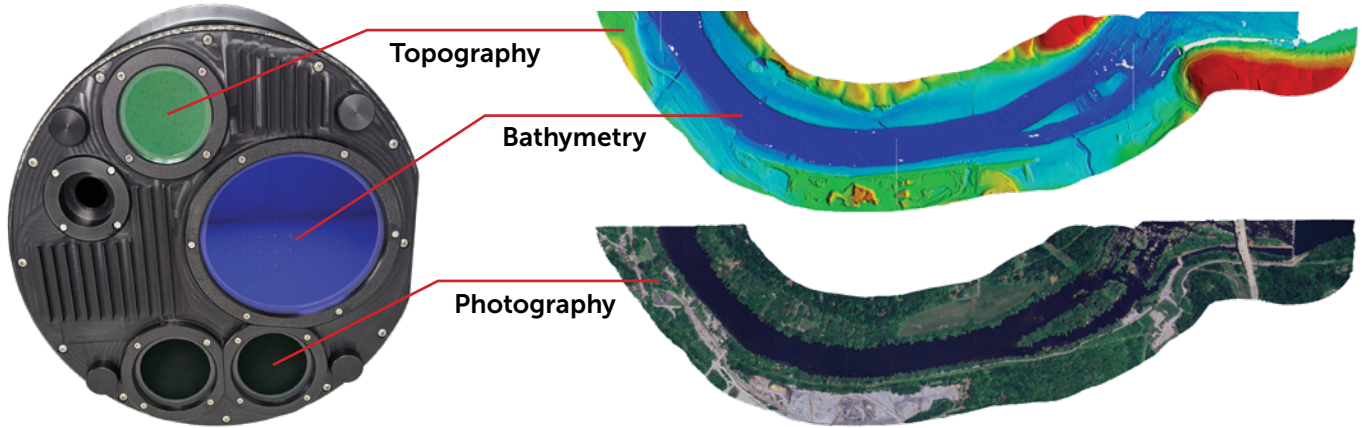


Rapid Turnaround

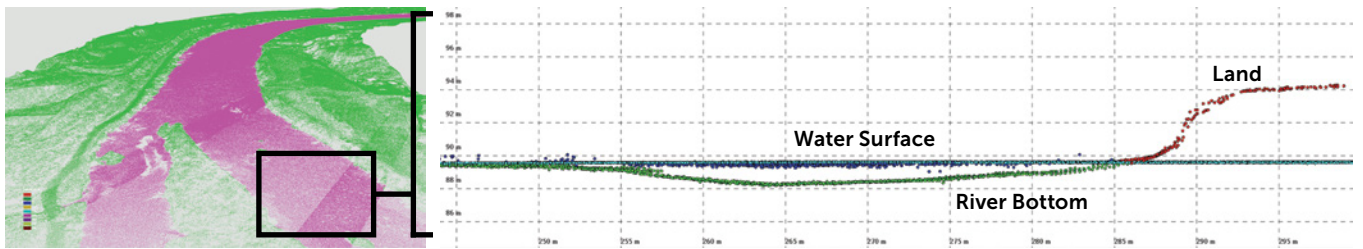
with CARIS processing and production pipelines



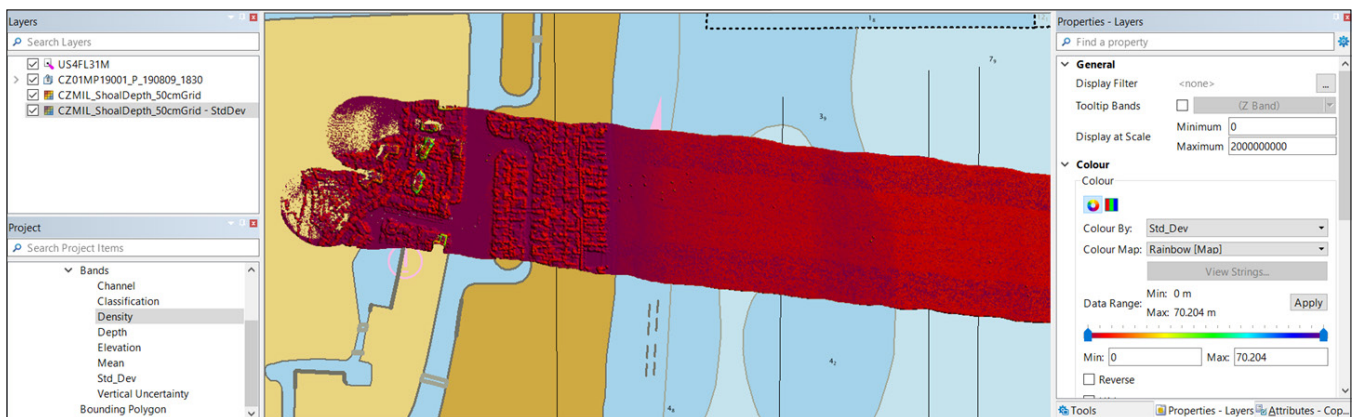
Richest data, 45x more productive in the intertidal zone, and IHO compliant!



Map the Gap



CARIS Production Workflow



Join the Community