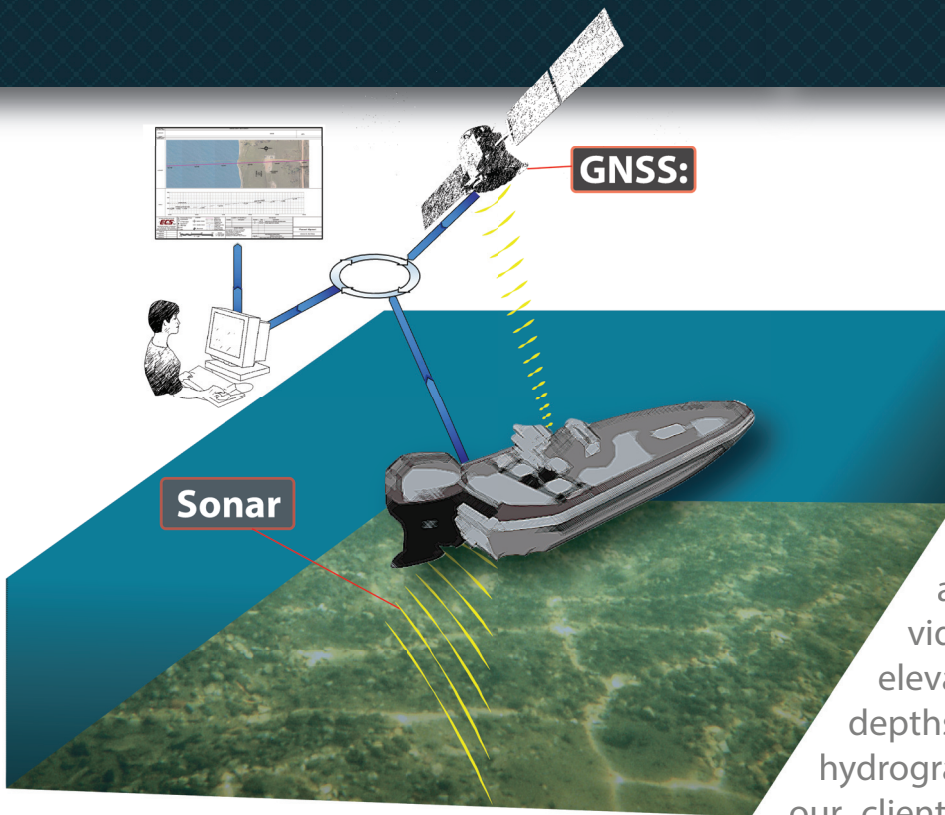


Hydrographic Surveys



Experience

ECS collects accurate topographic data in all environments including riverine and lake systems. Our Sonarmite single beam sonar system integrates seamlessly with our Trimble GNSS receivers and TSC3 data collectors to provide real-time stream and lake bed elevations accurate to 0.1 foot to depths of 200 feet. Bathymetric and hydrographic survey data is valuable to our clients to support projects such as stream crossing permits; floodplain analysis, mapping and revisions; and volumetric surveys.

Commitment

ECS has invested in the specialized equipment and personnel to collect, process and deliver bathymetric and hydrographic survey data efficiently and accurately. ECS maintains multiple platforms to match the water body, each outfitted to mount the Sonarmite system for quick mobilization. Our crews deliver a volume of data that used to require days or weeks, in hours or days. Our staff includes a water resource engineer and hydrographic surveyor with experience on over 500 stream miles of hydrographic surveys, 300 square miles of lake bathymetric survey, and floodplain analysis and mapping in numerous states.

Success

ECS has utilized our hydrographic survey capabilities on a number of natural resource and floodplain-related projects including:

- Pipeline Crossing Permits for the Missouri River and Lake Sakakawea
- Floodplain Analysis and Mapping in North and South Dakota, Montana, Wyoming and Utah

