Our services:

- *Hydroacoustic data collection and processing.*
- *Hi-resolution multibeam bathymetry surveys.*
- *Impingement monitoring.*
- *Integrated sonar and biotelemetry systems.*
- *Aquatic habitat mapping.*
- *ARIS & DIDSON data processing and fish passage assessment.*
- *Predator and prey fish abundance estimates.*
- *Environmental Effects Monitoring.*

Milne Technologies provides hydroacoustic data consulting, GIS mapping services, and analyses of fisheries and fish habitat data. In operation since 2004, our company specializes in hydroacoustic (multi-beam imaging and profiling, split-beam echo-sounder, integrated bio-telemetry and ADCP) data collection and analysis services to support the energy, mining, municipal infrastructure and natural resource sectors.

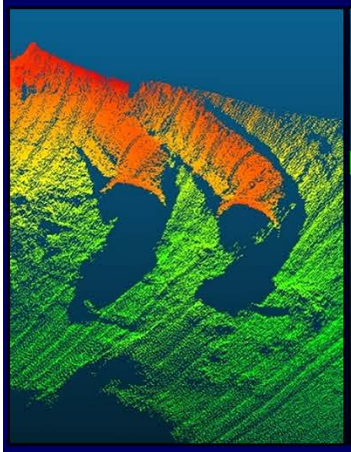
We support data sources from all major providers of sonar and echo-sounder equipment and our company maintains a close relationship with the manufacturers to ensure our clients have access to the most advanced technology in the field.

Milne Technologies, PO Box 237, Keene, Ontario. (416) 848-3945 info@milnetechnologies.ca www.milnetechnologies.ca @MilneTech

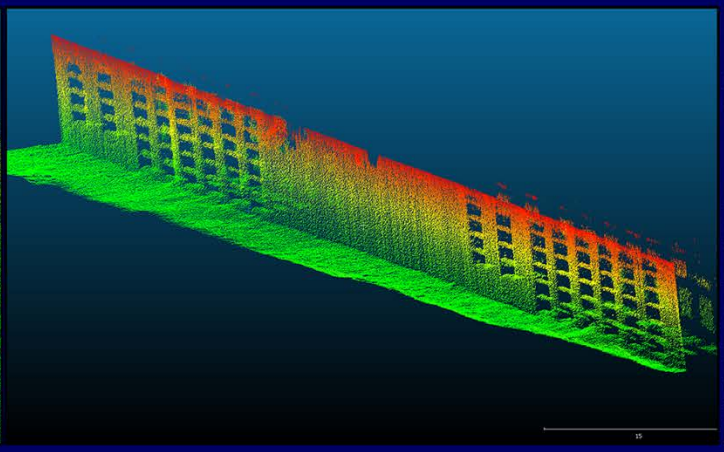
Survey Vessel "Tin Lizzy"

- *24 ft. Stanley Cruiser hard top.*
- *Safe, stable and maneuverable.*
- *Designed for simultaneous acoustic surveying and biological sampling.*
- *600 lb davit for deploying tow body or side-scan sonar.*
- *Installed equipment includes: Multibeam Echosounder System, Hemisphere RTK DGPS with Heading, Inertial Navigation System and Hypack Survey Navigation.*
- ***Have your own equipment?** Bring it on board! Vessel and operator available for hire.*

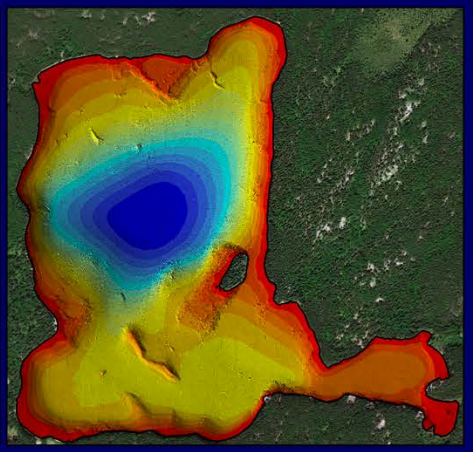
Multibeam Sonar Bathymetry and Scour/Siltation Detection



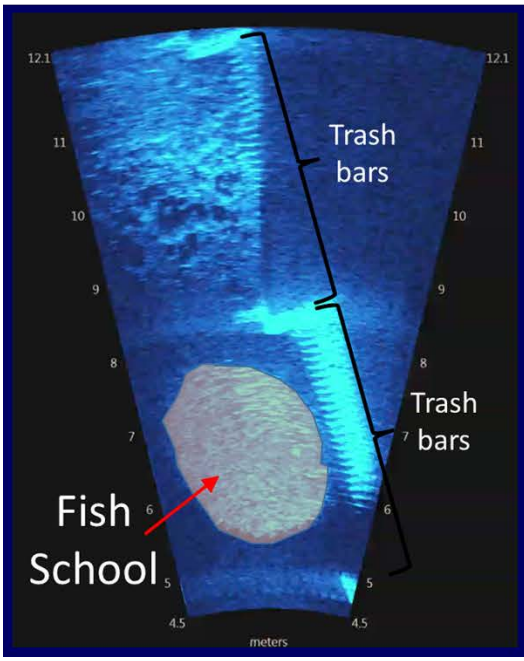
Underwater infrastructure inspection.



Mussel shell accumulation and siltation mapping within the cooling-water intake forebay of a nuclear generating station.

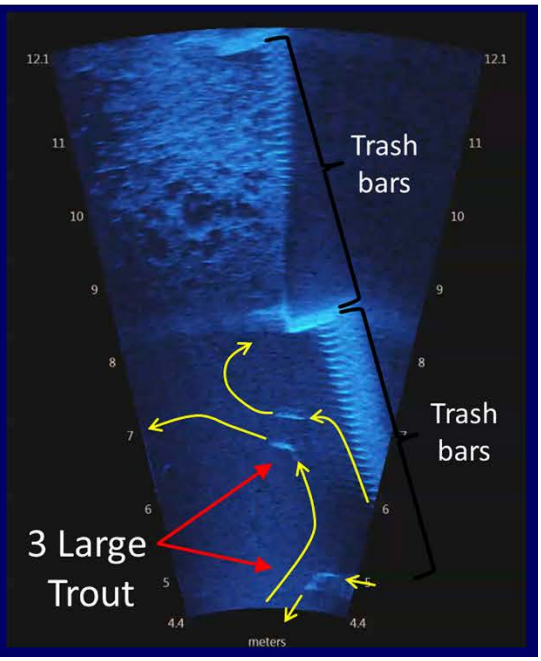


Lake, reservoir and riverine bathymetry and fish habitat mapping.



Fish Impingement Monitoring

- *Imaging sonar system for "video-like" clarity of fish activity and behaviour.*
- *Fish counts, swimming speed and direction easily measured.*
- *Operates at day & night and in high turbidity. No light source required.*
- *Continuous logging and automated post-processing allows long-term monitoring.*
- *Compliant with EPA Clean Water Act § 316(b) monitoring requirements.*



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