

# Shallow Water Bathymetry

**Our bathymetry service can be combined with aerial imagery, to provide a complete surface to sub-surface solution.**

When accuracy is paramount, Veris can offer a tailor-made solution to ensure your assets remain safe, operational and efficient.

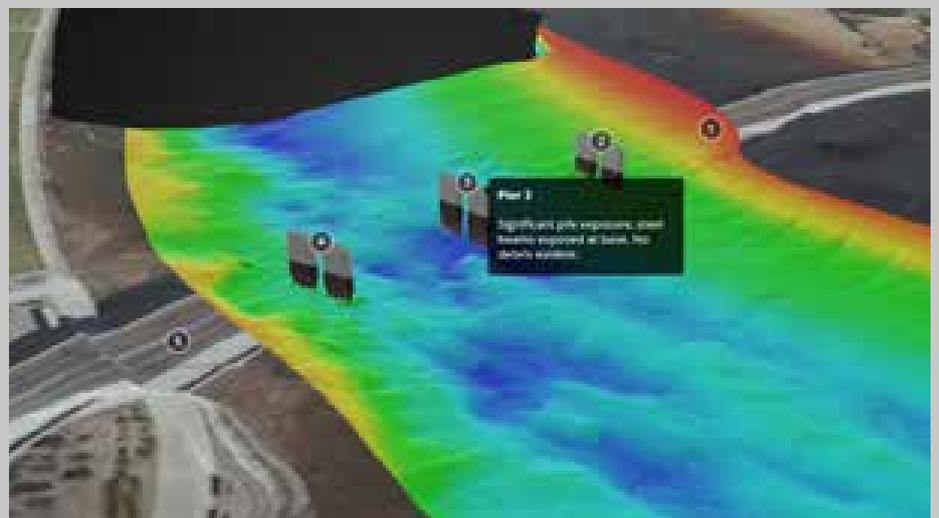
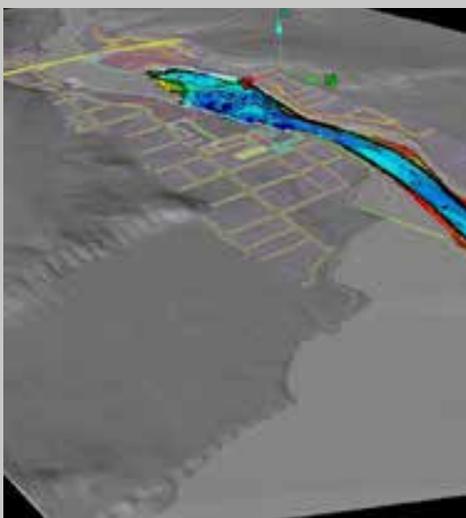
Veris has developed a fast and effective mobilisation solution to capture multibeam sonar for waters less than 100m deep.

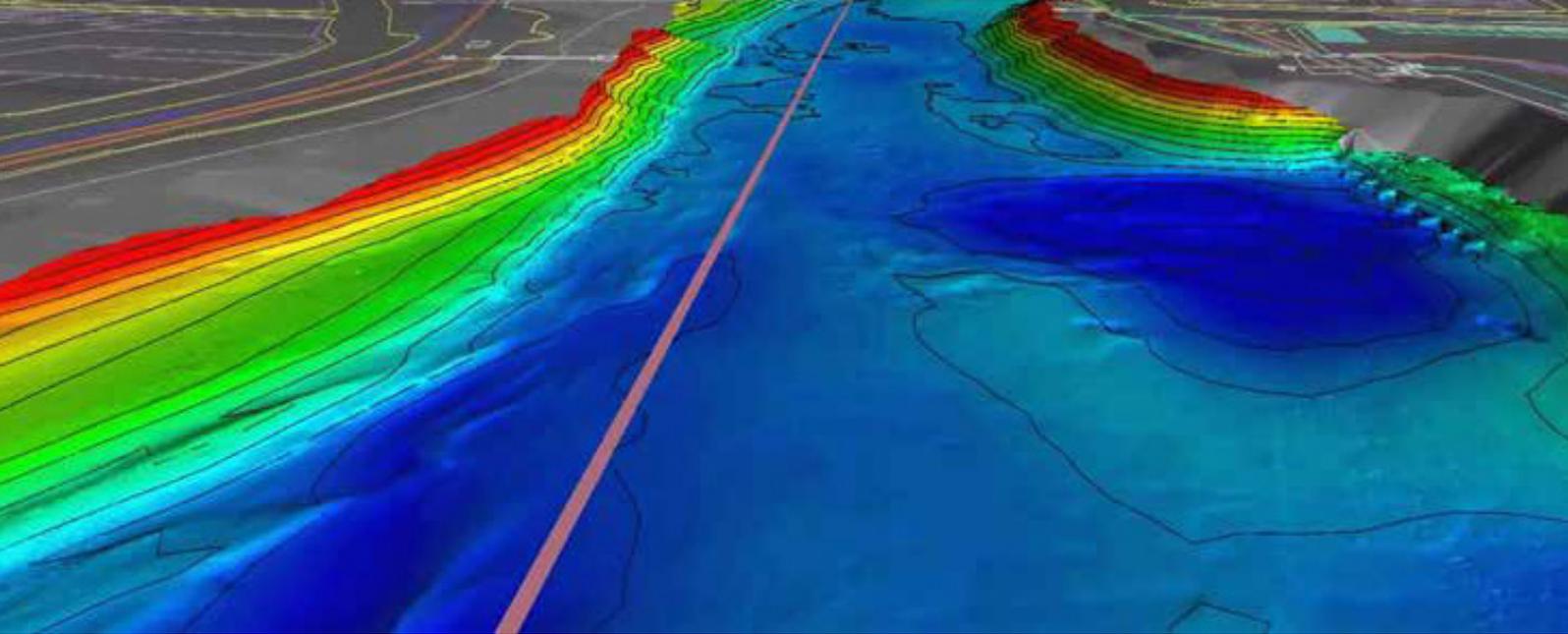
Veris operates a unique set of equipment to provide silt-layer estimations, accurate bathymetry and high resolution imagery for infrastructure inspection. We can also assist with navigation products using the latest in online GIS services.

We can perform search and recovery operations for outboards, anchors, vessels, and other items.

Our fast, efficient and low-cost service is ideal for ongoing review and monitoring of piers, docks and launch sites as well as providing a rapid response after significant weather events, for fast infrastructure inspection.

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**Veris has the resources and expertise to provide a range of projects with various data collection options.**

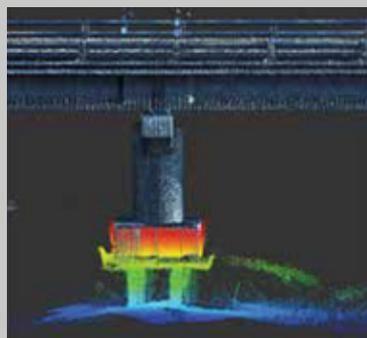
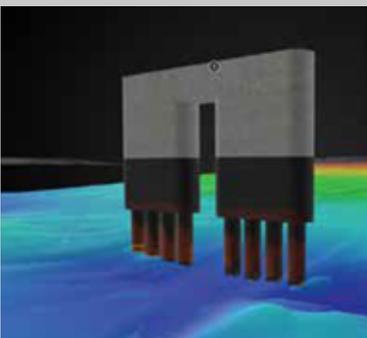
Deployed vertically, equipment can capture imagery similar to a side-scan unit - useful for locating points of interest such as trees and debris. Horizontally deployed, vertical imagery of structures can be captured. Our bathymetry equipment can capture accurate 3D point data of a structure, in conjunction with 2D imagery.

Deployed from a vessel, using roll and pitch stabilisation, a multibeam scanner can collect over 5000 points per second with a 120 degrees swath from the vessel. This results in a fast data capture of the sea floor. Veris also operates a high accuracy single beam unit which is cost effective in small shallow waters where point density is not a requirement.

Veris provides a graphical user interface (GUI) representing all the captured results in a 3D environment. These can be accessed on PC, tablet and other mobile devices.

Veris Bathymetry services provide clients with;

- Terrain Visualisation
- Vertical Visualisation of Structures
- Online Reporting Interface
- Access from PC and Mobile Devices
- 3D Inspection of Sub-Structural Elements



For more information, contact your local office, via [www.veris.com.au](http://www.veris.com.au)