



Coral Transector

for Coral and Seagrass Health

TECHNOLOGY AND APPLICATION

WorleyParsons have world first technology and a monitoring method for coral and seagrass health that is remote, reliable and does not require divers.

The Coral Transector is bespoke equipment used exclusively by WorleyParsons. It can be operated to undertake surveys immediately and remotely at any time, from anywhere in the world and delivers results within minutes.

The technology has an extendable telescopic arm with a fully flexible camera to capture either stills or video of the surrounding habitat for live analysis.

The Coral Transector can collect data sub-daily, whilst a dive crew can only practically collect this data monthly.

RESULTS

The Coral Transector has application in many industries; oil and gas, mining, dredging and government; eliminating the need for divers in the water whilst exceeding regulator requirements.

The Coral Transector also provides on-demand data to proactively manage impacts as they occur - a world first.

Images taken with this equipment are fed in real-time to the project environmental control center at WorleyParsons, which tracks dredge statistics, environmental variables and coral health.

This live data helps our customers manage their project and avoid any unpredicted environmental impact.

DIVERLESS SOLUTIONS

Proud recipients of:

- 2012 - Consult Australia Award Winner for Technological Innovation
- 2012 - Finalist IFAP Safety Innovation
- 2011 - Golden Gecko Environmental Excellence Award Winner
- 2011 - APPEA Safety Innovation Award - Overall Winner
- 2011 - APPEA Safety Innovation Award - Industry Choice Winner



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