

# C-Surveyor II AUV Delivered to C & C Technologies, Inc.



C & C Technologies' deepwater AUV, C-Surveyor II™, was delivered to C & C's corporate headquarters in Lafayette, Louisiana on June 3, 2005. C & C purchased the C-Surveyor II as a base vehicle in November 2004 and has worked diligently over the last six months to integrate and build customized components for this next generation survey AUV.

The design of the C-Surveyor II is modeled after C & C's existing state-of-the-art AUV, C-Surveyor I, and includes a multibeam echosounder, chirp side scan sonar, chirp sub-bottom profiler, CTD system and a methane detector. The Edgetech DW106 sub-bottom profiler on board is customized with narrow transmit and receive beams to permit significantly deeper seabed penetration. In addition to the sub-bottom profiler, C & C also has a Dynamically Focused (DF) sidescan sonar system being specialized for installation in November 2005. The DF sidescan sonar will provide five times more resolution than traditional systems in order to identify smaller objects located on the ocean floor.

During the next month, C & C system engineers will continue to integrate proprietary hardware and software into the C-Surveyor II AUV. After the integration is complete, the C-Surveyor II will be mobilized on C & C's newly purchased 247-foot Norwegian flagged vessel, M/V Northern Resolution, and begin several surveys currently in the queue. Today, C & C is a worldwide leader in commercial deepwater AUV operations with the largest market share of any operator. Over the last four years, C & C has surveyed more than 42,000 line-km worldwide on 74 AUV projects.

C & C Technologies provides a variety of survey services including high accuracy Globally-corrected GPS services, marine construction surveys, high-resolution geophysical surveys and geotechnical surveys including full laboratory testing. For more information regarding C & C Technologies' services, please send email to [info@cctechnol.com](mailto:info@cctechnol.com) or contact Jay Northcutt at (+1) 337-261-0660.