

DEGROVE

SURVEYORS, INC.

SURVEYING & MAPPING CONSULTANTS

Hydrographic Surveying & Mapping Services

CAPABILITY

Degrove Surveyors, Inc. offers a variety of hydrographic surveying services including single-beam, multi-beam, side scan, and magnetometer surveys. Our capabilities are maximized by our variety of water vessels and specialized equipment that gives our team unique options for measuring and processing data.

EXPERTISE

All hydrographic projects are overseen by Degrove's Hydrographic Manager, who is one of only 170 Certified Hydrographers nationwide. Our team has completed advanced training in single-beam, multi-beam, and side scan surveys. Our team further includes HYPACK and HYSWEEP Certified Hydrographers – a certification achieved by less than five percent of those who attempt the exam.

EXPERIENCE

With over 25 years of hydrographic experience, Degrove has completed surveys in a variety of lakes, rivers, and canals throughout the southeast, as well as beach/offshore surveys in the Atlantic Ocean and Gulf of Mexico. Some recent projects include:

U.S. Army Corps of Engineers – Beach Monitoring Surveys – Florida – Surveyed 3,000 foot beach profile lines and multiple offshore borrow areas. All was for beach monitoring and renourishment in Nassau, Duval, St. Johns, Brevard, St. Lucie, Broward, Miami-Dade, and Lee counties.

NAVFAC Southeast – Multibeam Survey for UEMMS Upgrade – Mayport Naval Station, FL – Completed a multibeam survey of a one-half square mile area of the Mayport Naval Station ship channel in the St. Johns River. Project supported the construction upgrades of an existing degaussing range.

Southwest Florida Water Management District – Lake Panasoffkee – Sumter County, FL – Surveyed this 3,200 acre lake and portions of surrounding creeks. Dense, submerged vegetation made conventional processing methods ineffective. Degrove's specialty equipment allowed our team to analyze each transect and manually digitize the lake bottom.

Jacksonville Port Authority – Blount Island, Dames Point, and Talleyrand Marine Terminals – Duval County, FL – Completed pre/post-dredge surveys of these three marine terminals. Volume computations and maps were produced.

U.S. Army Corps of Engineers – Fernandina Jetties – Nassau County, FL – Completed a hydrographic and topographic survey of three miles of jetties along the north and south sides of the St. Mary's River entrance. The inflatable pontoon boat was used to allow for contact with jetty rocks.

U.S. Army Corps of Engineers – Mile Point – Duval County, FL – Completed a hydrographic survey of the Mile Point area at the confluence of the St. Johns River and the Intracoastal Waterway. Survey is supporting design efforts that will solve navigation and erosion problems created by strong crosscurrents.



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Degrove is licensed to practice surveying and mapping in Florida, Georgia, South Carolina, North Carolina, Alabama, Mississippi, and Louisiana.