

DEGROVE

SURVEYORS, INC.

SURVEYING & MAPPING CONSULTANTS

Hydrographic Surveying Services

CAPABILITY

Degrove Surveyors, Inc. offers both single-beam and multi-beam hydrographic surveying services. We invest in state-of-the-art hydrographic equipment. This equipment, along with our variety of watercrafts, makes Degrove capable of providing hydrographic services in any body of water with maximum accuracy and efficiency.

EXPERTISE

All hydrographic projects are overseen by Degrove President Gordon "Ray" Niles, PSM, CH. Mr. Niles is a Certified Hydrographer – a certification given by The Hydrographic Society of America and the American Congress on Surveying and Mapping. This certification has been achieved by fewer than 150 individuals nationwide and there are less than 10 in private practice in Florida. Mr. Niles is also one of two Hypack Certified Hydrographers on the Degrove team – a certification achieved by less than five percent of the surveyors who take the Hypack exam (according to Hypack's website).

EXPERIENCE

Degrove has been providing hydrographic surveying and mapping services for over 25 years to a diverse group of clients. We have completed surveys in a variety of lakes, rivers, and canals throughout Florida, as well as beach/ocean surveys on both sides of the state. A few of Degrove's recent hydrographic projects include:

Southwest Florida Water Management District – Lake Panasoffkee, Sumter County, FL – Surveyed this 3,200 acre lake and portions of surrounding creeks. The lake's shallow depth and extreme amounts of vegetation made conventional hydrographic processing methods ineffective. Degrove analyzed the echogram of each transect line and manually digitized the lake bottom.

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

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

U.S. Army Corps of Engineers – SPP Monitoring Surveys, Five Florida Counties – Completed profile survey lines extending from the beach into the Atlantic Ocean. Also surveyed multiple offshore borrow areas. All was for beach monitoring/renourishment in Duval, Nassau, St. Johns, Brevard, and St. Lucie counties.



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