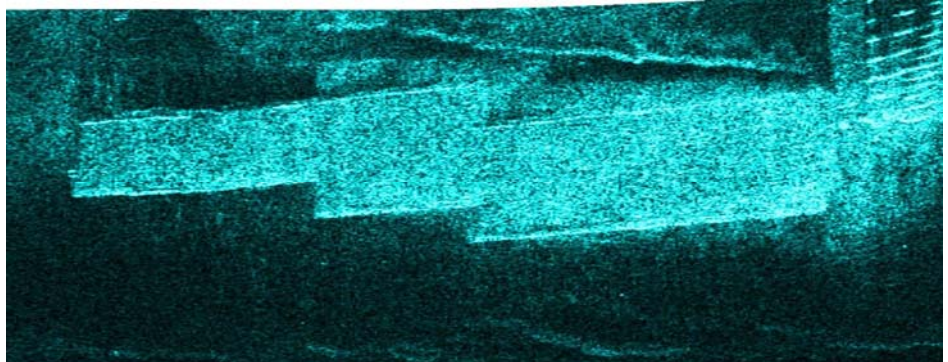


Submerged Structure Survey, Port of Corpus Christi Corpus Christi, Texas

Scope of Work

This project was in support of the preparation of plans and specifications for the removal of a portion of the dock near Cargo dock 10. Additional mooring structures are proposed for the area and the structure may pose a hazard to dock lines and construction in the area. A Mesotech scanner was utilized to determine if the structure was intact and the amount of debris behind the structure. Side-scan sonar was utilized to locate and show the orientation of the structure and overall condition. Deliverables included processed data and a report for inclusion in the bid package.



Size – 2 acres **Cost** – \$3,500

Principal Elements and Special Features

Single beam echosounder survey for depths, Mesotech scanning for areas inaccessible by side-scan, side-scan sonar survey for general area. This site is within the inner harbor at Corpus Christi and coordination with the harbormaster, US Coast Guard, and port police are required. All data was geo-referenced to the Port's existing survey control.

Relevance

This project demonstrates Frontier's ability to collect sonar data in and around docks and submerged structures. Coordination with security, the harbormaster, and work in an active harbor were important aspects of this survey.