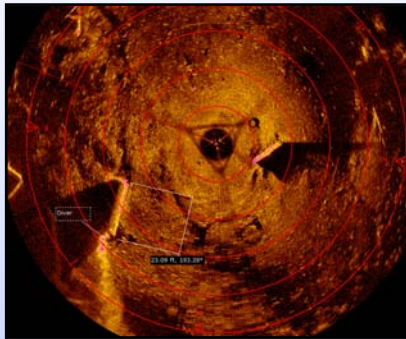


## Scanning Sonar

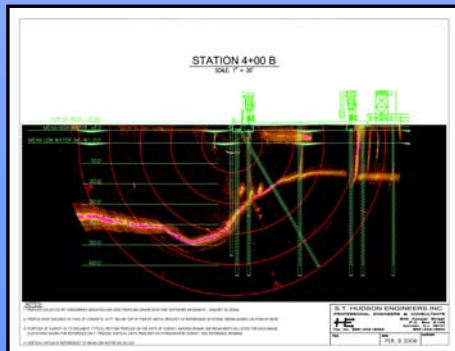
S. T. Hudson Engineers Inc. has used this technology to locate debris and navigational hazards and to provide additional substance for underwater condition surveys. Scanning sonar has saved our clients time and money when responding to emergencies and got them back on schedule with little to no schedule delays.



When Scanning Sonar is used in conjunction with a diver, the scanning sonar provides an

increased level of safety to identify any potential hazards to the diver and allows the diver to be tracked by the topside supervisor in real-time. The combination of a diver and Scanning Sonar provides the highest level of underwater inspections available.

Each survey has a unique and effective purpose and now **S. T. Hudson Engineers Inc.** is happy to add Scanning Sonar to our list of innovative ways to respond to the needs of our clients in achieving a clear and safe berth.



## Service Capabilities

- Design of Repair and Rehabilitation for Existing Structures
- Design/Build
- Construction Management
- Full Environmental Engineering Services
- Permitting
  - Dredge Permitting, Consulting, and Design
  - Federal and State Permits for Maintenance and New Construction
- Hydrographic Survey
- Side Scan Survey
- Scanning Sonar Survey
- Underwater Diver Inspection

## **S. T. HUDSON ENGINEERS INC.**

840 COOPER STREET

P.O. BOX 9106

CAMDEN, NJ 08101

PHONE: (856) 342-6600

FAX: (856) 342-8323

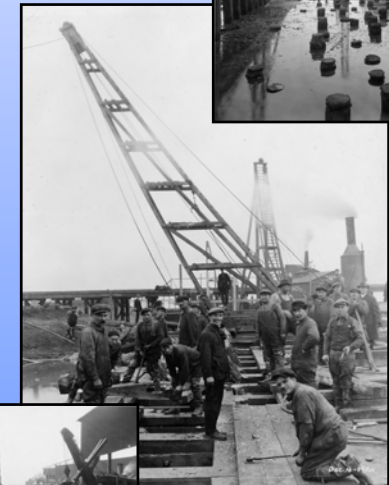
[www.sthe.com](http://www.sthe.com)

**S. T. HUDSON ENGINEERS INC.**  
PROFESSIONAL ENGINEERS AND CONSULTANTS



*40<sup>th</sup> Anniversary*

1967 - 2007



## Introduction

**S. T. Hudson Engineers Inc.** has been a respected name in waterfront facilities engineering for 40 years. With roots in the Philadelphia and Delaware Valley Waterfronts, we have been a pioneer in state-of-the-art marine structures and total harbor facilities. Our area of work extends throughout the United States, and from Canada to the Caribbean.



Our Mission is to build a quality marine harbor and waterfront infrastructure by providing our clients with the best marine engineering services in the Mid-Atlantic region based on our quality, timeliness, and professionalism.

**S. T. Hudson Engineers Inc.** is known for developing innovative and cost-effective designs for the new construction and rehabilitation of all types of port and marine terminal facilities including piers, wharves, loading platforms, mooring structures and bulkheads.



Many of our marine projects – both new construction and rehabilitation – begin with an engineer/diver and/or hydrographic survey by one of our in-house teams.

**Hudson Engineers** bring to this work over 40 years of marine and deep foundation engineering experience, enhanced by modern and efficient computer-aided design methods.



## Design/Build

With our multifaceted in-house staff, **S. T. Hudson Engineers Inc.** is able to turn concept into completion by offering our clients with complete design/build services. With the designers and contractors working together we are able to provide value engineering and constructability throughout the various phases of construction, which results in saved time, fewer or no change orders, and lower costs.

Together with our close affiliate, **Hudson Construction Consultants (HCC)** who share space in our office building, **S. T. Hudson Engineers Inc.** is able to provide expertise in all phases of construction management, critical path scheduling, claims analysis, and mitigation and resolution.



As a team, **Hudson Engineers & HCC** have a proven history of innovative approaches to difficult construction management problems – especially in minimizing the disruption of ongoing operations during construction.