



**Case Study:**  
**Monitoring Illegal Ocean Dumping**

[www.thayermahan.com](http://www.thayermahan.com) | 860-785-9994



# 1: Background

The ocean has served as a hidden dumping ground for centuries. We now know that there are limits to how much of humankind's trash the sea can absorb without risking marine life and the world's food chain.

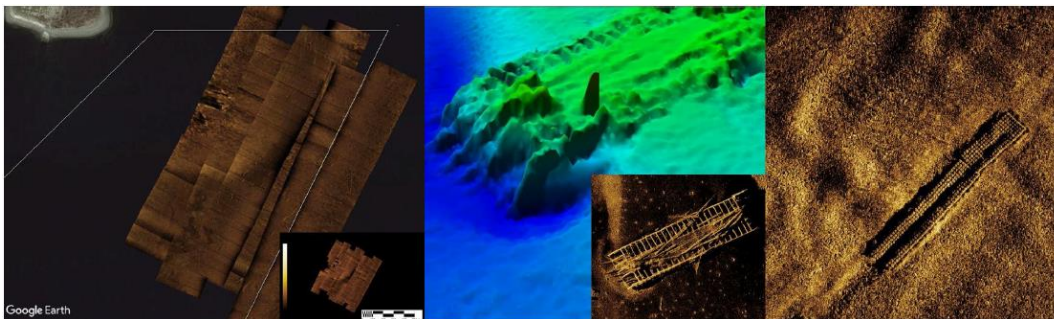




## 2: A Better View

SeaScout helps ensure that the seabed is never out of sight... and, therefore, never out of mind.

SeaScout will tell us EXACTLY what lies on the seabed and determine its provenance, allowing society to track sources of dumping and stop them. The interferometric synthetic aperture towed system provides near-optical quality images beneath the sea for any user requiring an enhanced knowledge of their environment from research to assessment to mitigation.





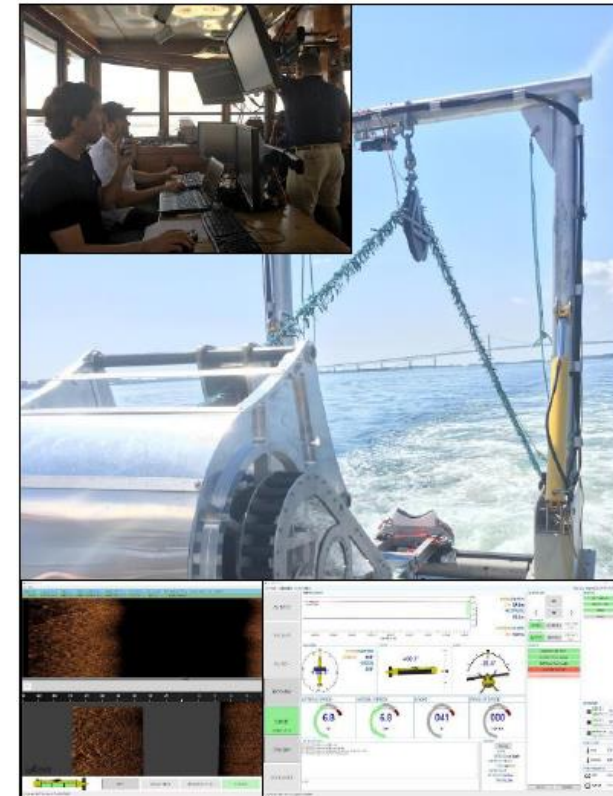
# 3: System Overview

SeaScout finally allows us to apply an analogous sonar technology to help us better understand the seafloor.

Recent developments have made synthetic aperture sonar a commercially viable alternative for understanding what goes on beneath the waves.

High-fidelity, large-volume surveys of the seafloor and its contents generate the maps needed for located garbage and debris. A complete understanding of your environment must include what you cannot always see. The ThayerMahan SeaScout provides that capability.

Learn more at [ThayerMahan.com/Systems/SeaScout](http://ThayerMahan.com/Systems/SeaScout).

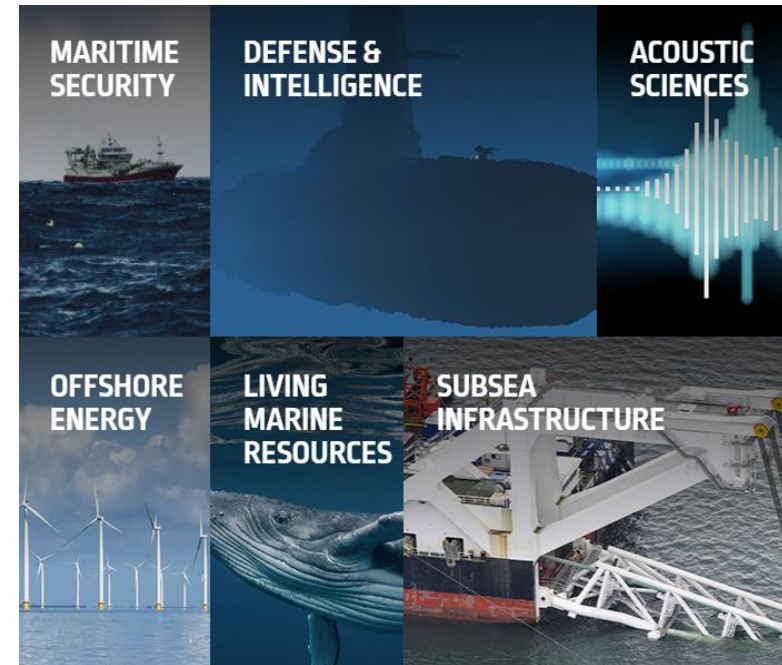


# About ThayerMahan



ThayerMahan provides innovative systems and expertise, connected by a global data platform, to help to protect our nation and its vital interests.

We design, manufacture, and (when desired by our customers) operate systems to collect acoustic, electronic information on the world's oceans. These systems expand coverage for government and industry partners to protect borders, natural resources, and undersea infrastructure—and do so at extremely low cost compared traditional monitoring assets.



For more information, please visit us online or call:

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