

Case Study - Silver Constellation



The bulk carrier, Silver Constellation required assistance in order to de-sludge and clean the ship's ballast tanks. Approximately 40T of contaminated silt and slops were removed and sent for waste disposal.

Scope of work, equipment & service requirement

Tank Entry

In order to de-sludge and clean the ballast tanks, man entry into the tanks would be required. Access holes were cut into the side of the tanks using a UHP cutting system as the stability of the tanks and its contents were initially unknown. This type of cutting system uses cold water, allowing cutting to take place in potentially explosive environments.

Slops Discharge

A diaphragm pump and vacuum unit were used to remove oil from the surface of the water and to de-sludge the ballast tanks. The slops were pumped into IBC's and lifted out of the hold of the ship via a crane. These were stored on the deck of the Silver constellation until smaller vessels were available to transport the waste ashore.

Key Services Provided

- Industrial Services
- Project Coordination
- Waste Disposal Management
- Waste Streams : Hazardous, Non Hazardous, Liquid, Solid

