



Tarsco
a TF Warren Company

**Full service provider for
storage tanks and terminals**

This new fuel storage terminal services the increasing needs of the shipping industry in the region. The remote location of the project and the harsh marine environment presented unique challenges that showcased the advantages of a single source solution for storage terminal facilities offered by the TF Warren Group.

The scope of work included construction of two million barrels of product storage, site civil work, foundations, piping, pumps, electrical, instrumentation, spill containment, and fire protection for the terminal. In addition to traditional terminal facilities, construction also included living quarters, mess hall, sewage plant, potable water cistern, and a power house that allows the island to be entirely self-sufficient.

The terminal design enables the operator to manage operations from the control room. The system accommodates transfer of product to or from four separate barges and to or from four individual tanks simultaneously without cross-contamination. The system also allows transfer of product from one tank to another, recirculation within a tank, and in-line product blending.

TF Warren Group-owned vessels transported materials directly to Melones Island. The project utilized the REDI-PLATE™ process, developed by the TF Warren Company, Blastech, to protect the steel during ocean transit, improve field construction schedules, and to reduce cost. **Tarsco's** experienced project team employed state-of-the-art erection, welding, and inspection processes and equipment to construct this challenging project safely, on time, and with high quality.



MELONES TERMINAL MELONES ISLAND, PANAMA

Two million barrels of product storage.

Tarsco was retained to design and construct a state-of-the-art fuel storage terminal on Melones Island, located approximately five miles west of Panama City, Panama near the Pacific entrance to the Panama Canal.



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