

Cove Point, Maryland

LNG Berth Recommissioning

CLIENT

Project Technical Liaison Associates, Inc.
Houston, Texas

REFERENCE

Patricia Outtrim
Principal

Bill Lewis
Project Manager

PROJECT FEATURES

- Two dedicated LNG berths
- Mooring dolphins
- Breasting platforms
- Fender system
- Quick release hooks
- Walkways
- Laser docking system

SERVICES BY BergerABAM

- Condition Assessment
- Evaluation for Larger Vessels
- Mooring Analysis Using OPTIMOOR
- Program Level Estimate
- Outline Specifications
- Assistance during Construction
- Upgrade of Berthing/Mooring System

PROJECT DATES

2002 to 2003

KEY STAFF

Manfred Zinserling
George Sheng
V.K. Kumar



Larger vessel berthing and safer mooring solutions were provided for the recommissioned facility.

The Cove Point, Maryland, Liquefied Natural Gas (LNG) terminal was built in the early 1970s. While the land-based storage and distribution facilities have been in continuous use since commissioning (as a peak shaving plant), the berthing facility has been shut down for several years. To meet the increasing demands for LNG, the new owners of the facility decided to recommission the berths for receiving and unloading LNG vessels. After receiving the necessary permits from the Federal Energy Regulation Commission, the owners selected Project Technical Liaison Associates, Inc. (PTL) for evaluating and upgrading the existing berths. The goal was to comply with new operational and safety requirements, as well as to allow berthing of larger LNG vessels that were not present when the facility was first built.

BergerABAM worked with PTL in evaluating and upgrading the 30-year-old berths. After a quick condition assessment and analysis, the engineers concluded that most of the structures are in good enough condition for the new operations. BergerABAM's engineers performed several mooring analyses for the larger and newer LNG vessels that are to be expected. New mooring hardware was specified along with minor repairs to existing fenders and bollards. BergerABAM's engineers provided procurement support, as well as construction support, to PTL. The work was completed in July 2003, and the facility is once again receiving and unloading LNG vessels.

[Knowledge and experience with sophisticated analysis programs made it possible for BergerABAM to quickly evaluate existing facilities for new uses.](#)