

Extra-large Steel Panels

Oiltanking Terminal Maritima, Puerto Rosales, Argentina



Application
Oil & Gas Terminals

Type
SPC Cone Fenders

Date 2025

Reference 1418

A CLOSER LOOK AT THE CASE

The inauguration of Rosa Negra Terminal, Puerto Rosales' offshore jetty, marked a new era for Argentina's hydrocarbon export infrastructure. Developed by Oiltanking Ebytem, the terminal replaced the historic loading monobuoys with **a state-of-the-art offshore facility built 2,000 m from the coast.**

Equipped with two berthing positions designed to accommodate simultaneously Aframax and Suezmax vessels, this jetty positioned Puerto Rosales at the forefront of Argentina's crude oil export infrastructure.

For the Rosa Negra Terminal, ShibataFenderTeam designed and delivered 8 Cone Fender Systems (SPC 1800, G1.3), each equipped with closed-box steel panels measuring 2600x6000 mm and fitted with 50 mm-thick UHMW-PE pads.

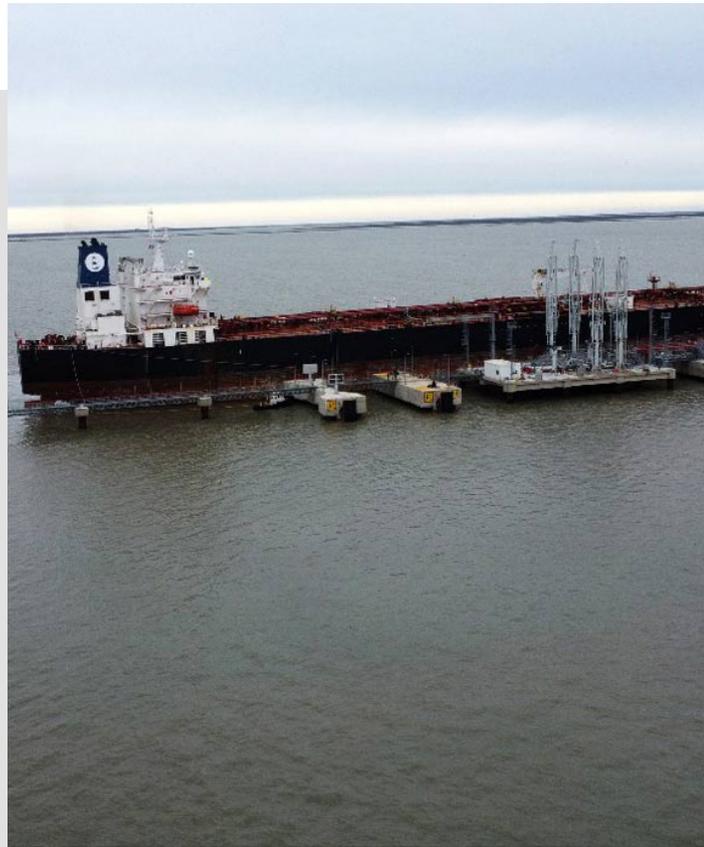
Project Scope

- ▶ 8 Cone Fender Systems (SPC 1800, G1.3), with closed-box steel panels 2600x6000 mm and 50 mm-thick UHMW-PE pads

CHALLENGE AND SOLUTION

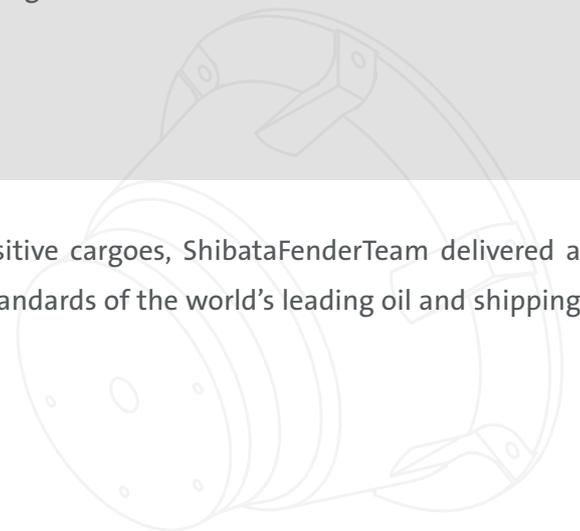
Oil terminals demand berthing solutions that combine **maximum safety with long-term reliability.**

The extra-large steel panels provide the required contact area to safely accommodate the large Aframax and Suezmax tankers under varying tidal conditions, while the thicker UHMW-PE pads enhance durability and ensure consistent performance during demanding berthing operations.



Oiltanking Terminal Maritima | Puerto Rosales
| Argentina

Building on its expertise in high-stakes terminals handling sensitive cargoes, ShibataFenderTeam delivered a solution that enables continuous operations while meeting the standards of the world's leading oil and shipping companies.



ShibataFenderTeam considered the varying tidal conditions and engineered a customized solution with extra-large steel panels to safely accommodate large tankers. Explore more SFT Case Studies or Contact Your Nearest Office.

