

## Offshore Wind Terminal

### Port of Świnoujście, Poland



**Application**  
Special Applications

**Type**  
SPC Cone Fenders

**Date** 2025

**Reference** 5932

## A CLOSER LOOK AT THE CASE

The Port of Świnoujście is home to **Poland's first offshore wind terminal and one of the most modern in Europe**. Designed to support the country's transition to renewable energy, **the terminal supply clean electricity to 1.5 million households**. As part of this multi-stage project, Quay 1 and Quay 2 have been upgraded and extended to a total length of 500 meters to accommodate specialized vessels for offshore wind farm installations.

To equip the expanded infrastructure, the contractor commissioned ShibataFenderTeam to supply 51 Cone Fender systems (SPC 1000, G3.0) with closed-box steel panels (2300x3300 mm) and UHMW-PE pads, along with 13 SD Fender systems (200x200x1600 mm). The project scope also included 26 T-Head Bollards, each with a 100-ton capacity.

### Project Scope

- ▶ 51 Cone Fender Systems (SPC 1000, G3.0) with closed-box steel panels (2300x3300 mm)
- ▶ 13 SD Fender Systems (200x200x1600 mm)
- ▶ 26 T-Head Bollards with 100t

## CHALLENGE AND SOLUTION

The terminal is designed to handle jack-up barges and heavy-lift vessels needed for the 15 MW wind turbine installations. These large vessels transport 100-meter-high, 1,000-ton foundations and 150-meter-long Windmill components, with **safety and precision being core requirements**. Engineered for reliability, our **high-quality fender systems are responsible for protecting people, vessels, infrastructure, and cargo** during these demanding operations.

Despite global supply chain challenges and shipping delays, seamless collaboration among all stakeholders resulted in the **fenders being delivered ahead of schedule**. Diligent management contributed to the project's overall progress, aligning with the port's early readiness by a week. **Efficient coordination between in-house and external teams** kept everything on track, showcasing **SFT's supply chain efficiency**.



Offshore Wind Terminal | Świnoujście | Poland

The Świnoujście terminal stands as a significant milestone in Poland's energy transition. Capable of handling over 80 turbines annually, **this project demands the precision we deliver exclusively through our Holistic Approach**, ensuring high-performance solutions and unmatched reliability in offshore operations.

This terminal is a great addition to our portfolio of supplied Windports around the world, with three major projects alone in North America. Explore more SFT Case Studies or Contact Your Nearest Office.

