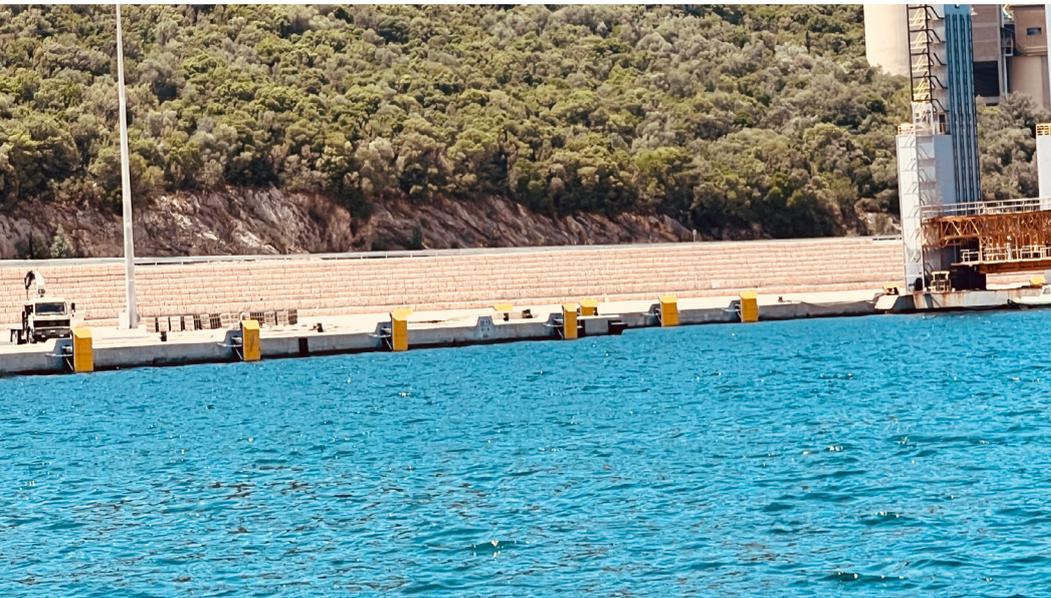


Wide Range of Fender Types

Ferry Terminal, Igoumenitsa, Greece



Application

Ferry & RoRo Terminals

Type

SPC Cone Fenders, V Fenders

Date 2025

Reference 5557

A CLOSER LOOK AT THE CASE

Igoumenitsa Port is one of Greece's most important transport hubs, located at the junction of the Egnatia and Ionian Motorways. Phase C of this project included a **610 m Southern Quay and a 198 m Annular Dock**—the Grimaldi Group, pioneers of Motorways of the Sea, has invested in its **strategic expansion**.

Working in close collaboration with AKTOR, we delivered a combination of fender types consisting of 26 Cone Fender Systems (SPC 800, G2.8) with closed-box fender panels (2050×2750 mm), 21 Arch Fenders (V-P 1000×1000 mm, G2.8), 10 Arch Fenders (V 600×1000 mm, G2.5) and 4 Corner Arch Fenders (500 × 1250/1250 mm).

Project Scope

- ▶ 26 Cone Fender Systems (SPC 800, G2.8) with closed-box fender panels (2050×2750 mm)
- ▶ 21 Arch Fenders (V-P 1000×1000 mm, G2.8)
- ▶ 10 Arch Fenders (V 600×1000 mm, G2.5)
- ▶ 4 Corner Arch Fenders (500 × 1250/1250 mm)

CHALLENGE AND SOLUTION

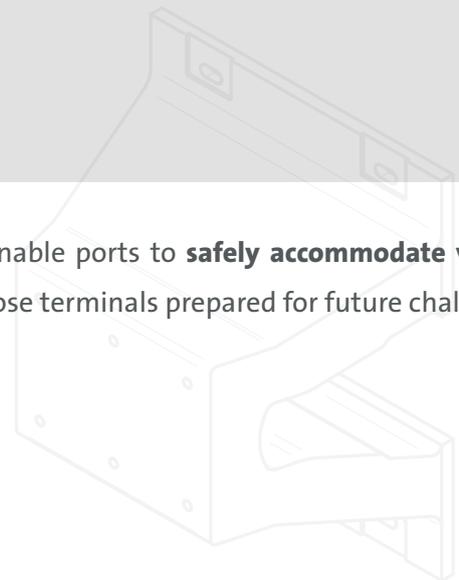
As the terminal accommodated both Ro-Ro vessels and ferries, Cone Fender Systems and Arch Fenders were customized to match the **distinct berthing characteristics** of each vessel type. The selected models were specifically adapted to **ensure optimal performance and adaptability**, providing a reliable solution for mixed-traffic operations.

For instance, to meet the specific demands of Ro-Ro vessels, the steel panels were designed with large chamfers to prevent hull beltings from getting caught beneath the panel edges—**minimizing the risk of damage**. In addition, shear chains were incorporated to effectively absorb horizontal forces generated during berthing, further enhancing **durability under heavy-duty conditions**.



Ferry Terminal | Igoumenitsa | Greece

By carefully addressing the requirements of each vessel type, we enable ports to **safely accommodate various marine traffic**—transforming infrastructure into versatile, multipurpose terminals prepared for future challenges.



The Igoumenitsa expansion that accommodates Ro-Ro vessels and ferries, reflects ShibataFenderTeam's capacity to deliver a wide range of solutions. Explore more SFT Case Studies or Contact Your Nearest Office.

