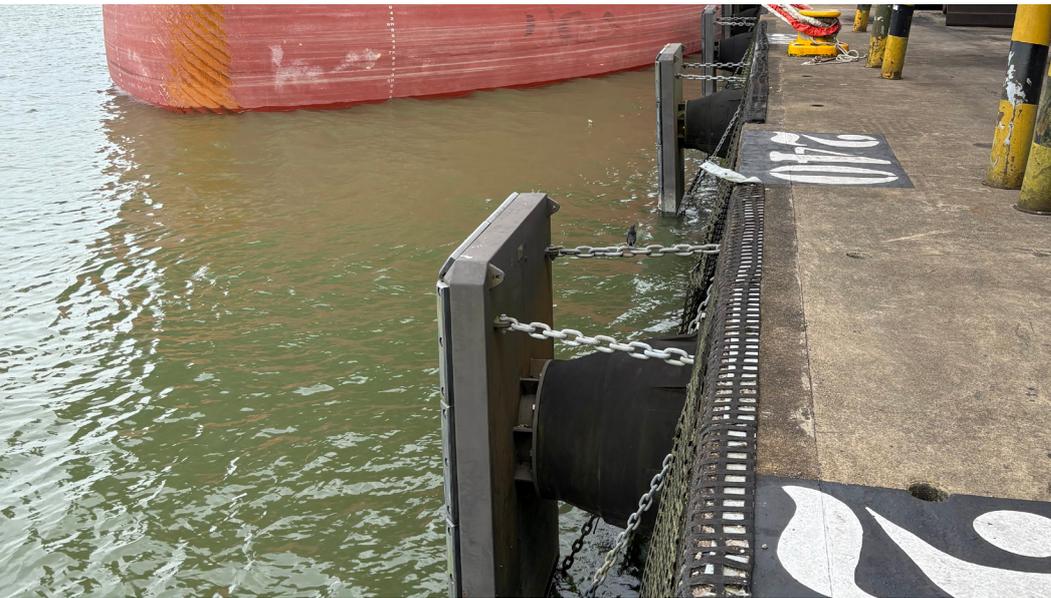


## 10 Years in Service

Boscoal Terminal, Buenaventura, Colombia



**Application**  
Container Terminals

**Type**  
SPC Cone Fenders

**Date** 2026

**Reference** 0436

### A CLOSER LOOK AT THE CASE

**Installed more than ten years ago** at the COMPAS Aguadulce – Boscoal terminal in Buenaventura, Colombia, ShibataFenderTeam's SPC Cone Fender Systems continue to service the terminal and are overall in **very good condition**.

The terminal is located on the Aguadulce peninsula within Colombia's main Pacific port, through which a significant share of the country's exports and imports pass. Designed to accommodate vessels of **up to 80,000 tons** and with a water depth of **15 meters at low tide**, the berth serves bulk carrier operations handling mainly grain and sodium carbonate.

#### Project Scope

- ▶ 17 Cone Fender Systems (SPC 1200, G0.9) with closed-box steel panels 6340x2300 mm
- ▶ 14 Bollards 100t
- ▶ 2 Bollards 200t

## CHALLENGE AND SOLUTION

The fender systems were recently inspected, providing the opportunity to assess the installation in detail more than **a decade after commissioning**. The rubber units show no visible cracking or structural degradation. Equally important, the steel components, including chains and accessories, which exhibit just little to none corrosion, with the coating system maintaining to provide the needed protection.

The conditions observed in Buenaventura highlight the importance of a **well-engineered anticorrosion concept** for each individual fender design. Durability is not defined solely by the correct energy absorption and reaction force, but also by material selection, coating systems, galvanization, and fabrication quality. In this case, the combination of **structural design and corrosion protection has proven effective over time**.



Boscoal Terminal | Buenaventura | Colombia

This project illustrates SFT fundamental principle for fender engineering: a **Holistic Approach** that considers project conditions, structural design including material selection and corrosion protection, and manufacturing quality as equally important elements in achieving a **high-performance fender system**.

The rubber units are in pristine conditions, while the steel components and coating system demonstrate strong resistance against corrosion, proving the durability of the Fender Systems. Explore more SFT Case Studies or Contact Your Nearest Office.

