



# Foam fender systems, perfect solution for Philadelphia port

Trelleborg Marine Systems was awarded the contract by Commerce Construction to supply the Port of Philadelphia with SeaGuard foam fenders and associated mounting hardware to attach the fenders to the quay wall. The fenders were required in order to accommodate an increasingly diverse range of vessels at its multi use cargo facility.

## Challenge

The Port of Philadelphia, which in recent years, has taken great strides to modernize its facilities, needed to upgrade its cargo dock fenders on Piers 80 and 82, which had previously been marginally acceptable to berth such a diverse range of vessels.

## Solution

Trelleborg delivered 29 of its 5ft x 16ft SeaGuard foam fenders with mounting hardware. SeaGuard foam fenders can be deployed floating or suspended, against a quay wall, or for ship-to-ship operations and are suitable for all sites with small or large tidal changes.

## Result

Tom Sharp, Project Manager at Commerce Construction, said: "Trelleborg were able to satisfy the owner's and consultant's stringent requirements for the project."

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"With Trelleborg's technical expertise, industry leading reputation and excellent supply history, we quickly concluded that not only do Trelleborg's SeaGuard fenders meet the requirements of the project, but they provide superior value when compared to the other solutions considered – when it comes to both cost and maintenance."

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## Foam

The SeaGuard foam fenders chosen for the project combine a durable, non-marking finish with low maintenance, and work well on new or old structures.

SeaGuard fenders can be deployed floating or suspended, against a quay wall and suit all tidal conditions. Hull pressures are very low, making SeaGuard fenders favourable on facilities with low hull pressure requirements.

Additionally, SeaGuard foam fenders will never sink or deflate. Even at the end of their first service life they can be returned to the factory for refurbishment.

## Trelleborg

Trelleborg Marine Systems is a world leader in the design and manufacture of advanced fender systems. These high-performance solutions combine low reaction force and hull pressure with good angular performance and rugged construction.

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