

# EcoSeal, LLC

## ***ES 700 AR Marine Coating: Fender Repair Immersion Service***



## **CUSTOMER**

Port of Texas City and Bryant Industrial Services

## **PROJECT TEAM**

Eco Seal and Bryant industrial Services teamed up to formulate the plans for repairing and recoating the fender systems for The Port of Texas City

## **PROJECT OVERVIEW**

The Port of Texas City needed to remove, and repair fender systems along the port channel, and they needed the work done on location dealing with port docking issues. They needed a product that could be applied fast on rough surfaces with little time for proper surface preparation. The team had to get the pieces out of service, cleaned, coated, and back in service in short order. They depended on ES 700 AR with magnetic Epoxy resins to coat the rough surfaces.

## **CONSIDERATIONS**

The main consideration on this project was all based on timing, and the ability to remove the damaged fenders, get them cleaned and coated in a short period of time. Proper preparation could not be achieved in the time frame allocated, so they needed a product that could stand the rough surface, and still get the protection job done right. They needed a fast cure time, and a product that could withstand the harsh saltwater environment, and abuse these fenders take on a daily basis. Several products were considered, but ES 700 AR was selected for it's proven service, and cost effective single coat application even of rough surfaces.

## **SYSTEM PRODUCTS**

The products chosen were ECO SEAL'S ES 700 AR, and the substrates were blasted as well as could be expected considering the condition of the metal. All loose impediments were removed leaving a rough surface, but clean and dry. Bryant Industrial use a heated plural spray rig to give the surface a proper coating application in a short period of time. The parts were ready to put back in service in less than three days time.