

# Special Specification 4031

## Fender Systems Repair



### 1. DESCRIPTION

Repair fender systems as shown in the contract plans.

### 2. MATERIALS

Furnish materials in accordance with the details shown on the plans. Provide completed form 2148, "Certification of Compliance (Treated Timber Products)" from each shipment of treated piles and timbers in accordance with Item 492, before payment is made. Furnish material in accordance with Table 1 unless otherwise shown on the plans.

**Table1**  
**Material Requirements**

Material	Use	Specification
Timber	Attached to Steel Fenders; Walkway Planks	Item 492, "Timber Preservative and Treatment" meeting treatment required for timber piling used in coastal waters. Item 491, "Timber for Structures."
All hardware, cable and steel plate	Fender System or Dolphins	Galvanize in accordance with Item 445, "Galvanizing."
Steel Wale	Fender	Meet requirements of Item 441, "Steel Structures."

### 3. EQUIPMENT

Provide equipment necessary to complete the work. Operate all water-going vessels, barges, etc. in accordance with United States Coast Guard regulations.

### 4. WORK METHODS

Follow work methods show herein unless otherwise shown on the plans. Remove damaged elements as shown on the plans. Dispose of damaged material in accordance with federal, state, and local regulations.

Remove and replace existing timber walkway, including planks over dolphins. Affix steel wale with treated timber facing to dolphins as directed or as shown on the plans.

Salvage and re-install navigation light(s). The Department will furnish new navigation light(s) when existing lights are unsalvageable.

### 5. MEASUREMENT

This Item will be measured as Lump Sum.

### 6. PAYMENT

The work performed and materials furnished in accordance with this Item and measured as provided under "Measurement" will be paid for at the unit price bid for "Fender Systems Repair." This price is full compensation for removing and replacing treated timber and steel wale including the furnishing of all materials (except navigation lights), equipment, labor, tools, and incidentals.