



**PIONEER DOCK:** Built in 2001/2002, Secure Facility receives Regulated and Un-regulated vessels.

<u>Dock Outer Face</u>	Length: 469' Width: 40'
<u>Dock Elevation</u>	Edge of Deck: +32 MLLW
<u>Mudline Elevation</u>	North Corner: -51 MLLW, East Corner: -39MLLW

<u>East Trestle</u>	Length: 364' Width: 30'
<u>West Trestle</u>	Length: 445' Width: 28' and 46'

Berthing limits: ships to 750' LOA, 80,000 displacement tons

Outer face: 469' (preferential berthing for AMHS ferries)

U.S. Coast Guard berth (on northwest trestle) 240'

Breasting dolphins, 2 each, one at 100', one at 200' off southeast corner and on line with face of dock

Mooring dolphin, 1 each, at 300' SE and 75' back from the dock face

(Combination of 469' face and breasting/mooring dolphins provides for docking of ships up to 750' LOA)

Depth at outer face: -40 ft. MLLW

Height of deck: +32 ft. MLLW

Azimuth of pier: NW 315`

Fender spacing: 50 ft. on center (west end), 25 ft. on center (east end)

Allowable Fender Energy: 232 Ft-Kips/Fender

Bollard/cleat spacing: 75 ft. o/c

Deck surface: 18,600 sq. ft. Concrete

Amenities: Lights, Fencing, Water, Shore Power availability (60 amp, 480 volt 3-Phase, plug required = Arktite # AP40512), and Sewer connection (4" female camlock connector required, maximum flow rate 50 GPM). Laydown and secured cargo storage available upon request.

Uniform Live Load:

Dock and Trestle: 500 pounds per square foot

Pedestrian Walkway: 100 pounds per square foot

Allowable finder energy 232 Ft-Kips/Fender

Vehicle and Equipment Loads:

AASHTO HS25-44 Truck

45 Ton Forklift (Front Axle= 96,000 lb.)

140 Ton Truck Crane (233.000 lb. Max. Float Load Boomed Over Corner)