



Floating Crane “Quad Cities”

U.S. ARMY CORPS OF ENGINEERS

BUILDING STRONG®



Vessel Owner: United States Army Corps of Engineers
Vessel Builder: Conrad Deepwater South Shipyard, Amelia, LA.
Vessel Designer: USACE Marine Design Center and Bristol Harbor Group
Project Management Team: USACE Marine Design Center and Rock Island District
Vessel Operation Team: USACE Rock Island District
Vessel Certification: American Bureau of Shipping (ABS) Class ∇ A1, Barge Reinforcement B, for use as a Government Floating Crane, Intracoastal Waterway Service, with CRC and Crane CRC Notations.

Vessel Facts

Overall Length: 300'
Breadth: 68'
Hull Depth: 12'
Draft: 5'
Air Draft: 45'11"
Displacement: ~2,850 Ltons
Fuel Capacity: 53,000 Gallons
Potable Water: 9,500 Gallons
Sewage: 9,750 Gallons
Generators: (2) John Deere - 150 kW, 480V, 3 Phase
Deck Winches: (8) Patterson 7.5 HP WWP-65E7.5
Spud Winches: (4) 75 HP PDI – 54m000 lbs. line pull

Crane Facts

Seatrx Series S140, Model S14440, S/N 4825
Crane Boom: 170 Foot to Main Hook
Main Cap: 500 Tons (out to 55' radius)
276 Tons @ 60' Fully Revolving w/out ballasting
Aux Hook Cap: 500 Tons (all radii)
Fast Line Cap: 38 Tons (all radii)
Counterweight: 470,000 lbs.
Out of Level: 7 degrees crane trim/5 degrees crane list limits
Crane Engine: Caterpillar C27 – 950 HP @ 2,100 RPM
- Folding Gantry stows in approximately 1 minute
- API 2.C Monogrammed and ABS Classed for CRC Notation

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Clock Tower Building – PO Box 2004 – Rock Island, Illinois 61204

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