Energy 11104

U.S.C.G. Certified Double Hull Oil Barge

DIMENSIONS AND REGULATORY INFORMATION

Length: 391.0 Ft **Beam:** 78.0 Ft **Draft: Unmanned:** 30.1 Ft **Manned:** 27.7 Ft

Certification: USCG Subchapter "D" & "O", Oceans, Grade "A" and Lower Products

Classification: American Bureau of Shipping +A1 Unmanned Oceans, Manned Special Service

O.N.: TBD
Home Port: New Orleans , LA
ABS ID: TBD
Hull No: 758
Yard: Bay Shipbuilding Corp.
Year Built: 2005

CAPACITIES AND DELIVERY RATES

Deadweight: 17,307 LT (Unmanned Oceans Loadline), 15,655 LT (Manned Special Service Loadline)

Cargo Tanks, Single System Configuration: Ten (10)

Tank Segregation: Two System Split; All Tanks Cross-Connected and Double-Blocked; Multiple Splits Possible

Tons per Inch Immersion 65 LT/In.

Cargo Tank Capacity, Max: 112,269 Bbls.
Cargo Tank Capacity, Max @ 1' Ullage 102,944 Bbls.

Vessel Fuel: One (1) Integral Tank-20,000 USG

API Gravity at	Observed Temperature, ° F 100	120	140	160	180	200
10	103,846 / 28.6	103,846 / 28.6	103,846 / 28.6	103,846 / 28.6	103,846 / 28.6	103,846 / 28.6
15	102,970 / 27.4	102,196 / 27.2	101,423 / 27.0	100,639 / 26.9	99,855 / 26.7	99,072 / 26.6
20	102,865 / 26.7	102,029 / 26.5	101,203 / 26.4	100,367 / 26.2	99,532 / 26.0	98,685 / 25.9
25	102,750 / 26.0	101,862 / 25.9	100,974 / 25.7	100,085 / 25.5	99,197 / 25.5	98,298 / 25.3
30	102,635 / 25.6	101,695 / 25.4	100,744 / 25.2	99,793 / 25.0	98,842 / 24.8	97,891 / 24.6
35	102,520 / 24.9	101,517 / 24.7	100,503 / 24.5	99,500 / 24.4	98,486 / 24.2	97,462 / 24.0

KEY: Volume / Draft — Volume listed in Barrels, Manned Special Service Loadline, One Foot Ullage. Draft listed in Feet

HOSE MANIFOLDS

Cargo Manifold Connections: Two (2) at Port/Stbd Midship

Connection Flange Size: 10-Inch ANSI Flange

BCM 191 Ft

SCM 200 Ft

MAIN AND AUXILIARY MACHINERY

Main Cargo Pumps: 2 x Leistritz Deep Well, Positive Displacement

Rated Performance: 5,000 BPH Each @ 100 PSI Rail

Discharge Rate: 10,000 BPH Total @ 100 PSI Rail

Pump Prime Movers: 2 x Vertical, Explosion-Proof Electric Motors

Horsepower: 500 HP Each

Heater: Volcanic 10,000,000 BTU circulating hot oil heater

Electrical Generators: 3 x CAT 3412 IMO-Compliant

Rating: 550 KW Each

Bow Thruster: 1 x Brunvoll FU-63-LTC-1750

Rating: 1200 HP

Mooring Winches: Four (4) Constant Tension

Hose Cranes: Midship P&S Hydraulic Hose Cranes

Hook Load Rating: 5,000 lbs

SPECIAL FEATURES

OPA '90 Compliant, Double-Hull Steel Construction, Fore/Aft (P&S) Yokohama Fenders w/Winches and Slides, Quarters w/Accommodations for Four (4) persons, Ballast System, Centralized Remote Gauging w/High Level Alarms, VHF Radio, Email Capabilities

103 Northpark Boulevard, Suite 300
Covington, Louisiana 70433
Rev. 0

HORNBECK OFFSHORE TRANSPORTATION, LLC
Service with Energy

Phone: (985) 727-2000
Fax: (985) 727-3606
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