Energy 11105

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: 759
Yard: Bay Shipbuilding Corp.
Year Built: 2005

CAPACITIES AND DELIVERY RATES

Deadweight: 15,279 LT (Unmanned Oceans Loadline), 13,627 LT (Manned Special Service Loadline)

Cargo Tanks, Single System Configuration: Ten (10)

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

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

Tons per Inch Immersion 65 LT/In.

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

API Gravity at	Observed Temperature, ° F 100	120	140	160	180	200
24	102,771 / 26.1	101,903 / 26.0	101,026 / 25.9	100,148 / 25.7	99,260 / 25.5	98,371 / 25.4
26	102,750 / 26.0	101,831 / 25.8	100,932 / 25.6	100,033 / 25.5	99,124 / 25.3	98,215 / 25.1
28	102,677 / 25.7	101,757 / 25.5	100,838 / 25.4	99,918 / 25.2	98,988 / 25.0	98,048 / 24.9
30	102,635 / 25.5	101,695 / 25.3	100,744 / 25.1	99,793 / 25.0	98,842 / 24.8	97,891 / 24.6
32	102,594 / 25.3	101,622 / 25.1	100,650 / 24.9	100,723 / 24.9	98,695 / 24.5	97,724 / 24.4
34	102,541 / 25.0	101,548 / 24.8	100,556 / 24.6	99,563 / 24.4	98,560 / 24.3	97,546 / 24.1

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

HOSE MANIFOLDS

Cargo Manifold Connections: Three (3) at Port/Stbd Midship

Connection Flange Size: 10-Inch ANSI Flange

BCM 191 Ft

SCM 200 Ft

MAIN AND AUXILIARY MACHINERY

Main Cargo Pumps: 3 x Byron-Jackson Deep Well

Rated Performance: 4,285 BPH Each @ 100 PSI Rail

Discharge Rate: 12,855 BPH Total @ 100 PSI Rail

Pump Prime Movers: 3 x Vertical, Explosion-Proof Electric Motors

Horsepower: 350 HP Each

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, Vapor Recovery, 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

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Rev. 0

HORNBECK OFFSHORE TRANSPORTATION, LLC
Service with Energy

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