TIDEWATER

ST. LOUIS
260 CLASS DP-2 PLATFORM SUPPLY VESSEL

Environmentally friendly diesel electric propulsion uses less fuel than conventional direct drive systems and produces far less pollution. Vessels designed to maintain a speed of 13 knots at loadline (fully loaded condition), up to 20% faster than most existing vessels of equal size. Liquid mud tank capacity and delivery capabilities typically found only in much larger vessels. Oval liquid mud tanks with a self-cleaning system provide maximum circulation and are more cost-effective to clean than traditional square tanks.

REGISTRATION
USCG OFFICIAL # 1167668
Year Built 2005
Builder Bender Shipbuilding & Repair, Co, Inc. (USA)
Flag U.S.A.
Classification ABS ✠A1, Offshore support vessel, ✠AMS, ✠DPS-2, SOLAS, USCG Subchapter L, Full Ocean
USCG Safety Standby EEP 100 endorsement by USCG for safety standby service

MAIN CHARACTERISTICS
Length Overall 252 ft (76.81 m)
Length Between Perpendiculars 230 ft (70.15 m)
Beam 54 ft (16.50 m)
Depth 19 ft (5.80 m)
Operating Draft 15.6 ft (4.76 m)
Light Draft 15.8 ft (4.74 m)
Operating Displacement 4,434 lt (4,504.04 mt)
Gross Registered Tonnage 2,045

CAPACITIES
Deadweight 2,882.74 lt 2,929.00 mt
Cargo Deck Area (179 ft x 45 ft) 8,055 ft² (54.6 m x 13.7 m) 748 m²
Cargo Deck Loading 1,024 lbs / ft² (5 mt / m²)
Fuel Oil Cargo 3,400 bbl (142,801 gal) (540.56 m³)
Fuel Oil Day Tank 293 bbl (12,313 gal) (46.61 m³)
Bulk Mud 7,135 ft³ (4 tanks) (202 m³)
Liquid Mud 8,215 bbl (13 tanks) (1,306.07 m³)
Rig Water 3,007 bbl (126,311 gal) (478.14 m³)
Cage Fresh Water 5,040 bbl (211,715 gal) (901.43 m³)
Ship Fresh Water 409 bbl (17,200 gal) (65.11 m³)

PERFORMANCE
Top Speed 12.5 knots @ 190 gph
Cruising Speed 11 knots @ 147 gph
Economical Speed 10 knots @ 120 gph
DP Mode 50 gph

DYNAMIC POSITIONING SYSTEM (CLASS II)
ABS classed DP2 Redundant Positioning System consisting of:
2 Leica MX 420 / 2 DGPS
1 Cynsan Laser Reference Unit
2 Gill Wind Observer II Anemometers
2 Watson Vertical Reference Units
2 SG Brown Meridian Gyro
2 DP Alarm and Event Printers
2 x 4 kVA Uninterrupted Power Supply
1 Independent Joystick Control System

CARGO DISCHARGE
Fuel Oil 600 gpm at 200 ft TDH (136 m³ / h at 60 m TDH)
Rig Fresh Water 660 gpm at 196 ft (150 m³ / h at 60 m)
Liquid Mud (LM) 660 gpm at 196 ft (150 m³ / h at 60 m)
LM Segregated System Integrated / Segregated
LM Agitation Flygt Mixers
LM Tank Cleaning System Butterworth
Bulk Material (BM) Compressors rated for 55 st / hr at 196 ft (50 mt / hr at 60 m)
BM Segregated System Integrated / Segregated (2 Tanks each system)

DECK EQUIPMENT
Rescue Boat 1 x MOB boat with davit
Anchor Windlass 2
Roll Reducer System 1 Roll Stabilization Tank

CONTROL & SAFETY
Fully integrated DP / control dual redundant system
Alarm, monitoring and control system for periodically unattended machinery space
Remote control and monitoring of liquid mud and bulk mud cargo systems

ELECTRONICS
2 Radars with ARPA 1 EPIRB (2 radar transponders)
1 Navigation Gyro Compass 5 UHF, 4 VHF (bridge to bridge)
1 Autopilot 1 Weather Fax
1 Depth Sounder 1 Navtex
1 Speed Log 1 PA / Loud Hailer
1 Radio System Compliant

ACCOMMODATION
Fully Air-conditioned Accommodations for 30 people consisting of:
4 x 1 man cabins
6 x 4 man cabins
Galley, Provision Room, Stores, Mess
Walk in Refrigerator 423 ft³ (11.9 m³)
Walk in Freezer 335 ft³ (9.5 m³)

NOTICE: The data contained herein is provided for convenience of reference to allow users to determine the suitability of the Company’s equipment. The data may vary from the current condition of equipment which can only be determined by physical inspection. Company has exercised due diligence to insure that the data contained herein is reasonably accurate. However, Company does not warrant the accuracy or completeness of the data. In no event shall Company be liable for any damages whatsoever arising out of the use or inability to use the data contained herein. Fuel consumption figures are historically conservative approximations.
GENERAL ARRANGEMENT DRAWING

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