ORLEANS
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
Owner: GulfMark Americas, Inc.
USCG OFFICIAL #: 1151394
Builder: Bender Shipbuilding & Repair, Co., Inc. (USA)
Flag: U.S.A.
Year Built: 2004
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)
Operating Displacement: 4,434 lt (4,504.04 mt)
Light Draft: 7.87 ft (2.4 m)
Gross Registered Tonnage: 2,045

CAPACITIES
Deadweight: 2,882.74 lt (2,929.00  mt)
Deadweight (179 ft x 45 ft): 8,055 ft²
Cargo Deck Area: (54.6 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)
Cargo Fresh Water: 5,040 bbl (211,715 gal) (801.43 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 GE ADP 21 consoles
2 Leica MX 420 / 2 DGPS
1 Cyscan Laser Reference Unit
3 Gill Wind Observer II Anemometers
3 Watson Vertical Reference Units
3 SG Brown Meridian Gyro
2 DP Alarm and Event Printers
2 x 4 kVA Uninterrupted Power Supply
1 Independent Joystick Control System
1 Mini RADASCAN Microwave Reference Unit

PROPELION - MACHINERY
Total Installed Power: 4,730 kW (6,342 hp)
Main Diesel Generators: 2 x 1,825 kW (2,447 hp)
1 x 910 kW (1,220 hp)
480 V / 60 Hz (Cummins QSK 60)
480 V / 60 Hz (Cummins KTA 38)
Main Propulsion: 1 x 1,566 kW (2,100 hp)
Bow Tunnel Thrusters: 2 x 746 kW (1,000 hp)

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

ACCOMMODATION
Fully Air-conditioned
Accommodations for 22 people consisting of:
4 x 1 man cabins
5 x 2 man cabins
2 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)

These particulars should be taken as indicative and do not constitute a warranty. For additional information, please contact GulfMark Americas at chartering.americas@gulfmark.com or at www.GulfMark.com.