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 30% 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 #  1204683
Year Built  2008
Builder  Bollinger Shipyards Inc.
Flag  U.S.A.
Classification  ABS ✠A1, ✠AMS, ✠DPS-2, Ⓔ, SOLAS, USCG Subchapter L, Full Ocean

MAIN CHARACTERISTICS

Length Overall  190 ft  (57.90 m)
Length Between Perpendiculars  180 ft  (54.90 m)
Beam  46 ft  (14.00 m)
Depth  18 ft  (5.50 m)
Operating Draft  14 ft  (4.30 m)
Operating Displacement  2,360 lt  (2,398 mt)
Light Draft  8.9 ft  (2.70 m)
Gross Registered Tonnage  1,455 GRT

CAPACITIES

Deadweight  1,686 mt
Cargo Deck Area  112.0 ft x 37.3 ft...4,178 ft²
(C31.5 m x 11.35 m...357.52 m²)
Cargo Deck Loading  1,024 lbs per ft² (5 mt per m²)
Deck Cargo  849 st (770 mt)
Fuel Oil Cargo  2,989 bbl (125,900 gal) (477 m³)
Fuel Oil Day Tank  126 bbl (5,280 gal) (20 m³)
Bulk Mud  5,520 ft³ (156 m³)
Liquid Mud  4,000 bbl (8 tanks) (636 m³)
Rig Water  2,975 bbl (124,950 gal) (473 m³)
Cargo Fresh Water  2,214 bbl (82,990 gal) (352 m³)
Ship Fresh Water  214.3 bbl (9,000 gal) (34 m³)
Foam Tank  optional

PERFORMANCE

Top Speed Max Draft  12 knots
Top Speed Light Draft  13 knots
Fuel Consumption at  4.9 m Draft  11.5 knots 110 gph
Economical Speed  10.5 knots 85 gph

DYNAMIC POSITIONING SYSTEM (CLASS II)

ABS classed DP2 Redundant Positioning System consisting of:
2 BAS IVCS Consoles
2 Leica MX 420 / 2 DGPS
1 Cynac Laser Reference Unit
2 RM Young Anemometers
2 Vertical Reference Units
2 Yokogawa Gyro Compass
2 DP Alarm and Event Printers
2 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)
Liquid Mud (LM)  660 gpm at 196 ft (150 m³ / h)
LM Segregated System  Integrated / Segregated (4 Tanks each system)
LM Agitation  Flygt Mixers
BM Segregated System  Integrated / Segregated (2 Tanks each system)

DECK EQUIPMENT

Rescue Boat  1 x MOB boat with davit
Deck Cargo Crane  SOLAS cargo ship safety equipment
(2 at @ 32.8 ft)
(1.8 mt @ 10 m)
Anchored Windlass  Telescopic boom / Electro-hydraulic
Roll Reduction System  1
2 x 2 pumps at 5,283 gal / min
(Flygt Mixers)
(1200 m³ / h) each

CONTROL & SAFETY

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

ELECTRONICS

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

ACCOMMODATION

Fully Air-conditioned
Accommodations for 16 people consisting of:
2 x 4 man cabins
4 x 2 man cabins
Galley, Provision Room, Stores, Mess

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