SLAM DUNK
230 CLASS PSV 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 #  1204685
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  225 ft  (68.58 m)
Length Between Perpendiculars  205 ft  (62.66 m)
Beam  46 ft  (14.00 m)
Depth  18 ft  (5.50 m)
Operating Draft  14 ft  (4.30 m)
Operating Displacement  2,979 lt  (3,027 mt)
Light Draft  6.7 ft  (2.04 m)
Gross Registered Tonnage  1,691  GRT

CAPACITIES
Deadweight  (2,117 lt) 2,151 mt
Cargo Deck Area  (145 ft x 37.3 ft) 5,408 ft²
(44.2 m x 11.35 m) 501.67 m²
Cargo Deck Loading  1,024 lb/ft² (5 mt/m²)
Fuel Oil Tanks  4,562 bbl (143,710 gal) (544 m³)
Fuel Oil Day Tank  126 bbl (5,280 gal) (20 m³)
Bulk Mud  5,500 ft³ (4 tanks) (156 m³)
Liquid Mud  6,000 bbl (12 tanks) (954 m³)
Rig Water  4,688 bbl (147,672 gal) (559 m³)
Cargo Fresh Water  3,279 bbl (103,291 gal) (391 m³)
Ship Fresh Water  214.3 bbl (9,000 gal) (34 m³)

PERFORMANCE
Top Speed  12.5 knots @ 140 gph
Cruising Speed  11 knots @ 110 gph
Economical Speed  10 knots @ 85 gph
DP Mode  40 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 Cyscan Laser Reference Unit
2 RM Young Anemometers
2 Vertical Reference Units
2 SG Brown Meridian Gyro Compass
2 DP Alarm and Event Printers
2 4 kVA Uninterrupted Power Supply
1 Independent Joystick Control System

PROPULSION - MACHINERY
Total Installed Power  2,905 kW (3,894 hp)
Main Diesel Generators  2 x 1235 kW (1,655 hp)
1 x 435 kW (583 hp) 480 VAC, 60 Hz (Cummins KTA50)
Emergency Generator  1 x 113 kW (151 hp)
Main Propulsion  2 x 843 kW (1,130 hp)
Bow Tunnel Thrusters  2 x 560 kW (750 hp)

CARGO DISCHARGE
Fuel Oil  600 gpm at 200 ft TDH
(Rig Fresh Water  660 gpm at 196 ft (150 m³/hr at 60 m)
Liquid Mud (LM)  660 gpm at 196 ft (150 m³/hr at 60 m)
LM Segregated System  Integrated / Segregated (6 Tanks each system)
LM Agitation  Flygt Mixers
LM Tank Cleaning System  Butterworth
Bulk Material (BM)  Compressors rated for 55 st / hr at 196 ft
(BM Segregated System  Integrated / Segregated (2 Tanks each system)

DECK EQUIPMENT
Rescue Boat  1 x MOB boat with davit
Anchor Windlass  1
Roll Reduction System  Bilge Keels

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

ELECTRONICS
2 Radars with ARPA
1 Navigation Gyro Compass
1 AutoPilot
1 Depth Sounder
1 Speed Log
1 Radio System
1 PA / Loud Hailer
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 16 people consisting of:
4 x 2 man cabins
2 x 4 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 Americas at chartering.americas@gulfmark.com or at www.GulfMark.com.
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#### Dynamic Positioning Capability Plots

**Vessel Capability Plots**

**GAI-VCP-07**

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**Dynamic Positioning Capabilities**

**SLAM DUNK**

**230 CLASS PSV DP-2 PLATFORM SUPPLY VESSEL**

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**Propulsors:**

<table>
<thead>
<tr>
<th>Propulsor</th>
<th>Thrust Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1 BowF thruster</td>
<td>100% thrust</td>
</tr>
<tr>
<td>#2 BowA thruster</td>
<td>100% thrust</td>
</tr>
<tr>
<td>#3 Stern Port Steerprop</td>
<td>100% thrust</td>
</tr>
<tr>
<td>#4 Stern Stbd Steerprop</td>
<td>100% thrust</td>
</tr>
<tr>
<td>#5 Stern Center Steerprop</td>
<td>offline</td>
</tr>
<tr>
<td>Generator #1</td>
<td>100% power</td>
</tr>
<tr>
<td>Generator #2</td>
<td>100% power</td>
</tr>
<tr>
<td>Generator #3</td>
<td>100% power</td>
</tr>
</tbody>
</table>

**Environment:**

- Max wind speed: 50 Kts
- Current Speed: 0-3.0 Kts
- Colinear environment

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