



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. Heave compensated deck cargo crane and additional deck to accommodate 40 crewmembers.

MAIN CHARACTERISTICS

| | | |
|--------------------------|----------|-------------|
| Length Overall | 73.20 m | (240.15 ft) |
| Length BP | 70.76 m | (232.15 ft) |
| Beam | 16.50 m | (54.13 ft) |
| Depth | 6.80 m | (22.31 ft) |
| Operating Draft | 5.30 m | (17.39 ft) |
| Maximum Draft | 5.50 m | (18.00 ft) |
| Operating Displacement | 4,803 mt | (4,728 lt) |
| Maximum Displacement | 5,021 mt | (4,942 lt) |
| Light Draft | 2.70 m | (8.9 ft) |
| Gross Registered Tonnage | | 2,570 |

CAPACITIES

| | |
|-----------------------------------|---|
| Deadweight at Max Draft | 3,107 mt (3,425 st) |
| Cargo Deck Area | 49.2 m x 13.7 m...674 m ² (161.4 ft x 44.9 ft...7,246 ft ²) |
| Deck Cargo (incl. deck equipment) | 1,500 mt (1,653 st) |
| Fuel Oil Max. | 1,997 m ³ (527,551 gal) (12,560 bbl) |
| Bulk Mud | 255 m ³ (67,362 gal) (1,604 bbl) |
| Liquid Mud | 1,083 m ³ (286,098 gal) (6,812 bbl) |
| Ballast Water | 1,882 m ³ (497,171 gal) (11,937 bbl) |
| Fresh Water (perm. tanks) | 450 m ³ (118,877 gal) (2,830 bbl) |
| Foam Tank (optional) | 19 m ³ (5,019 gal) (120 bbl) |

PERFORMANCE

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

DYNAMIC POSITIONING SYSTEM (CLASS II)

ABS classed DP2 Redundant Positioning System
Comprising:

- 2 Operating Consoles
- 1 Computer with 1 printer
- 2 Anemometers
- 2 Gyrocompasses
- 1 Laser Reference System
- 2 DGPS
- 2 Vertical Reference Units
- 1 Independent Joystick Control System

PROPULSION - MACHINERY

| | |
|------------------------|---|
| Total Installed Power | 5,661 kW (7,558 Hp) |
| Main Diesel Generators | 3 x 1,825 kW (2,501 Hp) 440 VAC / 60 Hz (Cummins KTA50) |
| Emergency Generator | 1 x 186 kW (250 Hp) Caterpillar C9 |
| Main Propulsion | 2 x Kawasaki KST-200 ZF/A Z-Drive propellers, 360° azimuthing thrusters 2 x 1,920 kW (2,574 Hp) Z-Drive, fixed thruster |
| Bow Tunnel Thrusters | 2 x 746 kW (1,000 Hp) Kawazaki KST 105 B3 |

CARGO DISCHARGE

| | |
|-------------------------|---|
| Fuel Oil | 660 gpm at 196 ft (150 m ³ / h at 60 m) |
| Rig Fresh Water | 660 gpm at 196 ft (150 m ³ / h at 60 m) |
| Liquid Mud (LM) | 660 gpm at 196 ft (2 x 75 m ³ / h at 60 m) |
| LM Segregated System | Integrated / Segregated (4 Tanks each system) |
| LM Agitation | Flygt Mixers |
| LM Tank Cleaning System | Butterworth |
| Bulk Material (BM) | 2 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 SOLAS cargo ship safety equipment |
| Anchor Windlass | 1 |
| Tow Winch | 250 mt |
| A-Frame | 150 mt |
| Deck Cargo Crane | 13.2 st @ 61 ft (12 mt @ 18.5 m) Heave Compensated |
| Capstans | 2x 8 m each |
| Roll Reduction System | 1 Roll Stabilization Tank |
| Tugger Winches | 2 x 10 mt pull |
| Firefighting System Class I | 2 pumps at 6,604 gal / min (1,500 m ³ / h) each 2 monitors at 5,283 gal / min (1,200 m ³ / h) each Deluge System |

CONTROL & SAFETY

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

ELECTRONICS

1 Joystick System for DP2 system
2 Radars with ARPA
3 Navigation Gyro Compass
1 Autopilot
1 Depth Sounder
1 Speed Log
1 Iridium
1 Radio System Compliant with GMDSS A3 Rules
1 EPIRB (2 radar transponders)
5 UHF, 4 VHF (bridge to bridge)
1 Inmarsat F 77 providing phone, fax, E-mail
1 GPS

ACCOMMODATION

Fully Air-conditioned
Accommodations for 40 people composed of:
6 x 1 man cabins
11 x 2 man cabins
3 x 4 man cabins
1 Hospital, Galley, Provision Room, Stores, Mess Room
2 Day Rooms, 1 Client Office

REGISTRATION

| | |
|-----------------|--|
| Type | Platform Support Vessel |
| Designer | Guido Perla & Associates, Inc. |
| Customer | Bourbon Offshore Division |
| Year Built | 2008-2009 |
| Builder | Zhejiang Shipyard, China |
| Flag | France |
| Classifications | BV 1 * Hull * Mach Unrestricted Navigation Supply Vessel/Oil, Firefighting Ship 1 AM-AT-R (class 2) |

Seattle: Corporate Office

Columbia Center
701 Fifth Ave, Suite 1200
Seattle, WA 98104, USA

Tel: +1 206 768 1515
Fax: +1 206 768 9700
Info/Sales: gpa@gpai.com

Shanghai: Asia Office

Fortune Gate
1701 Beijing W. Road, Suite 1004
Shanghai 200040, China

Tel: +86 21 6288 5959
Fax: +86 21 6288 0304
Info/Sales: gpaChina@gpai.com

Guido Perla Europe GmbH

Westerwaldstraße 1
56335 Neuhäusel (by Koblenz)
Germany

Tel: +49 2620 954987
+1 206 774 8274
Fax: +49 2620 954988
Info/Sales: gpaEurope@gpai.com