



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. Optional special products tanks at aft end of the vessel.

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)
Design Draft	5.30 m	(17.39 ft)
Maximum Draft	5.50 m	(18.04 ft)
Design Displacement	4,870 mt	(4,793 lt)
Maximum Displacement	5,157 mt	(5,075 lt)
Light Draft	2.50 m	(8.20 ft)
Gross Registered Tonnage	2,300	

CAPACITIES

Deadweight at Max Draft	3,250 mt (3,582 st)	
Cargo Deck Area	49.24 m x 13.7 m...675 m ² (161.55 ft x 44.95 ft...7,262 ft ²)	
Deck Cargo	1,600 mt (1,764 st)	
Fuel Oil Cargo	927m ³ (244,887gal) (5,830 bbl)	
Fuel Oil Day Tanks	36 m ³ (9,510 gal) (226bbl)	
Bulk Mud	255 m ³ (67,362 gal) (1,604 bbl)	
Liquid Mud	1,083 m ³ (286,098 gal) (6,811bbl)	
Rig Water	405 m ³ (106,990gal) (2,547bbl)	
Cargo Fresh Water	906 m ³ (239,339gal) (5,699bbl)	
Ship Fresh Water	102 m ³ (26,946gal) (642 bbl)	
Foam Tank	19 m ³ (5,019gal) (120bbl)	
Detergent Tank	19 m ³ (5,019gal) (120bbl)	
Special Products Tanks (opt.)	174 m ³ (45,966gal) (1,094bbl)	

PERFORMANCE

Top Speed Max Draft	13 knots
Top Speed Light Draft	15 knots
Fuel Consumption at 5.3 m Draft	
Cruising Speed	12.5 knots 150 gph
Economical Speed	11 knots 120 gph

DYNAMIC POSITIONING SYSTEM (CLASS II)

BV classed DPS-2 Redundant Positioning System Comprising:

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

PROPULSION - MACHINERY

Total Installed Power	5,475 kW (7,340 hp)
Main Diesel Generators	3 x 1,825 kW (2,501 hp) 440 V / 60 Hz (Cummins QSK 60)
Emergency Generator	1 x 170 kW (228 hp) 480 V / 60 Hz (Cummins 6 CTA 8.3)
Emergency Generator for MK II Special Products	1 x 186 kW (250 hp) Caterpillar C9
Main Propulsion	2 x 2,000 kW (2,720 hp) Z-drive, 360° azimuthing (Kawazaki KST-200 ZF / A)
Bow Tunnel Thrusters	2 x 746 kW (1,000 hp) CPP at 1,200 rpm (Kawazaki KST 105 B3)

CARGO DISCHARGE

Fuel Oil	660 gpm at 295 ft (150 m ³ / h at 90 m)
Rig Fresh Water	660 gpm at 295 ft (150 m ³ / h at 90 m)
Liquid Mud (LM)	2 x 330 gpm at 492 ft (2 x 75 m ³ / h at 150 m)
LM Segregated System	Integrated / Segregated (4 Tanks each system)
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 SOLAS cargo ship safety equipment
Tugger Winch	1 x 11 st (10 mt) pull
Deck Cargo Crane	2.2 st @ 52 ft (2mt @ 16 m) Telescopic Boom / Electro - hydraulic
Anchor Windlass	1
Roll Reduction System	2 Roll Stabilization Tanks (Tanks for MK II Special Products)
Firefighting System	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.
Remote control and monitoring of liquid mud and bulk mud cargo systems

ELECTRONICS

- 2 Radars
- 1 Navigation Gyro Compass
- 1 Depth Sounder
- 1 Speed Log
- 1 Immarsat B or F77
- 1 mini M
- 1 EPIRB (2 radar transponders)
- 1 GPS
- 1 UHF, 2 VHF (bridge to bridge)
- 1 Radio System compliant with GMDSS A3 rules

ACCOMMODATION

Fully Air-conditioned
Accommodations for 22 people composed of:
4 x 1 man cabins
5 x 2 man cabins
2 x 4 man cabins
1 Hospital, Galley, Provision Room, Stores, Mess Room
2 Day Rooms

REGISTRATION

Type	Platform Support Vessel
Designer	Guido Perla & Associates, Inc.
Launch Customer	Bourbon Offshore Division
Year Built	2005-2008
Builder	Zhejiang Shipyard, China
Flag	France/Mexico
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