

# TRINITY OFFSHORE PTE LTD

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Co. Reg. No. 199102555 K

## DP2 Geotechnical Survey Vessel MV GEO SOVEREIGN



### Vessel Specification

Year Built	: 2006
Place Built	: Jaya Marine, Batam, Indonesia
Flag	: Kiribati
Classification	: ABS

#### Principal Dimensions

Length Overall	: 70.05 m
Breath (moulded)	: 14.95 m
Depth (moulded)	: 6.10 m
Draft (moulded)	: 5.00 m
GRT	: 1,951 T

#### Accommodation

4 x 1 berth Cabins	: 4
3 x 2 berth Cabins	: 6
10 x 4 berth Cabins	: 40
<b>Total Berths</b>	<b>: 50 (All fully air-conditioned)</b>
(Number of berths for Charterers' usage as per charter party agreement)	

#### Main Machinery

Main Propulsion	: 2 x 2,750 bhp
Main Generator	: 2 x 370 kW
Emergency Gen	: 1 x 60 kW
Bow Thruster	: 2 x 515 kW tunnel (8T)
Stern Thruster	: 1 x 515 kW tunnel (8T)
Steering Gear	: 2 x 45 degrees
Rudders	: Conventional Split

#### Dynamic Positioning System

Kongsberg DPS
2 x DP Controller
2 x Wind Sensor
3 x Master Gyro
1 x HIPAP 500
2 x DGPS
Joystick control of all thrusters & propellers

NOTICE: Particulars are believed to be correct and subject to revision without prior notice. Interested parties must inspect vessel to check on suitability of the Company's equipment. Company has exercised due diligence to ensure that the data contained herein is reasonably accurate. However, the Company does not warrant the accuracy or completeness of the data. In no event shall the Company be liable for any damages whatsoever arising out of the use or inability to use the data contained herein. All optional equipment for Charterers' usage shall be agreed by the Company. Updated as at 4 April 2023.

Propeller : 2 x CPP with Nozzles

Power Management System  
VRS

### Deck Equipment

Bow Anchors : High Holding 2 x 1,590kg  
Chains : 440m x 38mm  
Windlass : 9.2T @ 12m/min  
Deck Crane : 1x 5Ton @ 14m

### Speed & Consumption

10 knots @ 11.8T / day  
13 knots @ 13.3T / day

### Auxiliary Equipment

Rescue Zone : Port & Starboard Side  
Oily Water Separator : 1 x 1m<sup>3</sup>/hr MARPOL Standard  
Water Maker : 2 x 5T/day Reverse Osmosis  
Sewage Treatment : 1x 40 men per day

### Moon Pool

3.0m x 3.0m located near to midship

### Communication & Navigation Equipment

2 x SART  
1 x NAVTEX  
1 x EPIRB 2 x Radars ARPA  
1 x Doppler Speed Log  
2 x Master Gyro with 5 Repeaters  
1 x Magnetic Compass  
1 x GPS  
1 x Echo Sounder  
1 x Set of GMDSS (Area 3)  
3 x VHF GMDSS  
1 x Ship Security Alert System  
1 x AIS

### Capacities

Fuel Oil : 810 m<sup>3</sup> @ 100%  
Potable Water : 415 m<sup>3</sup> @ 100%  
Clear Deck Area : 490m<sup>2</sup>  
Deck Strength : 7.5 T/m<sup>2</sup>

### Discharge Rates

Fuel Oil : 1 x 100 m<sup>3</sup>/hr @ 75 mhd  
Potable Water : 1 x 100 m<sup>3</sup>/hr @ 75 mhd

### Fire Fighting Equipment

**External** :  
FIFI 1 : 2 x 1500 m<sup>3</sup> / hr pumps  
2x 1200 m<sup>3</sup> / hr monitors  
  
**Internal** : Emergency Fire Pump  
CO<sub>2</sub> System in Engine Room  
Fire Detection & Alarm System  
Electrical BA Recharging Compressor

### Safety / Lifesaving Equipment

Search Lights : 4 x 2000 W  
Flood Lights : 5 x 1000 W  
Life Rafts : As per SOLAS Requirement  
Lifebuoys : 8 pcs w/ Buoy Lights  
Life Jackets : 48 Pcs  
Immersion Suit : 42 Pcs  
Rescue Boat : As per SOLAS Requirement  
Air Breathing App : 6 Set Apparatus

### Facilities

Hospital – 1x Bed  
Recreation Room  
Meeting Room for 10 pax  
Client Office for 2 pax  
Prayer Room

### Geotechnical Survey Equipment

Please see separate list for full technical details

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