

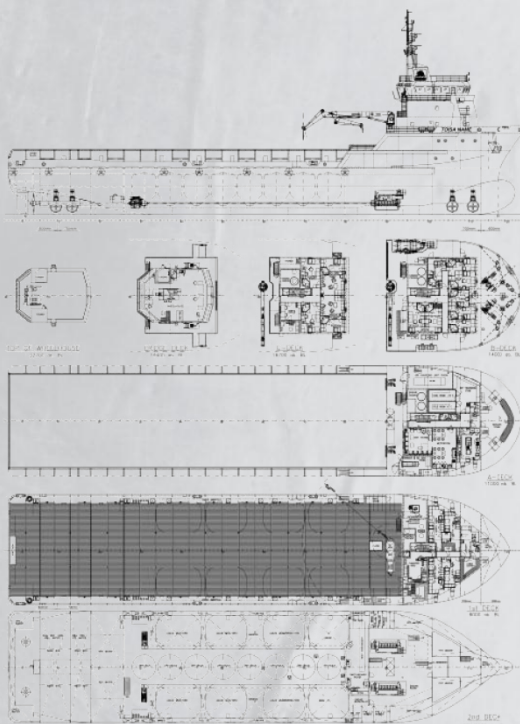


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MARINE GROUP

# TOISA SOLITAIRE DP1 PLATFORM SUPPLY VESSEL



## General Arrangement



## Key Features

- DP1
- 7,909 BHP
- 1020 SQM Deck Space
- 87.4 m Length Overall



# TOISA SOLITAIRE

## DP1 PLATFORM SUPPLY VESSEL

Class Notation	DNV +1A1 SF, EO. Dynpos AUT
Place of Build	China
Year of Build	2009
Flag	Bahamas

### Main Particulars

Design	PSV
LOA	87.4 m
Breadth	19.0
Depth	8.003 m
Max Loaded Draft	6.5 m

### Performance

Max Speed	15 knots – 28 m3
Economical Speed	11 knots

### Capacities

Deadweight	4,900 t
Net Tonnage	1,582 t
Gross Tonnage	3,665 t
Deck Cargo Dim.	63.8 m x 16.0 m
Deck Area	1,020 m2
Deck Strength	5 t / m2
Anti Heeling	Roll Reduction tanks x 2
Ballast Water	1,037 m3
Potable Water	1,227 m3
Miscellaneous Tanks	Dry bulk 434.1 m3 ( 8 tanks)
Fuel Oil	1,170 m3
Lubricating Oil	50.3 m3
Slop	Yes
Brine	896 m3
Mud	946 m3
Bulk	432 m3
Freezer Room	Yes
Cooler Room	Yes

### Deck Equipment

Capstans	2 x 10 t hydraulic
Tugger Winches	2 x 12 t hydraulic
Deck Crane	3 tone@ 15m
Cargo Securing Winch	Tugger winch

### Special Ops Features

ROV Handling Capacity	n/a
Fire Fighting	2 fire pumps, 1 emergency

### Propulsion and Machinery

BHP	7,909 hp
Main Engines	2
Main Engines: Make / Type	Wartsila 6L32
Propellers	CPP

### Thruster

Bow	2 x 830 kW (1,112 hp)
Stern	2 x 830 kW (1,112 hp)
Azimuth	Nil

### Auxiliary Engines

Auxiliary Generator	2 x 320 kW
Emergency Generator	1 x 250 kW

### Accommodation

Single Berth Cabins	12 x 1 berths
Double Berth Cabins	2 x 2 berths
Four Berth Cabins	2 x 4 berths
Total Accommodation	24 persons
Mess	12 persons

### Anchoring Equipment

Winches	2 x 12 t hydraulic
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### Dynamic Positioning System

DP System	1
References	2 X DGPS +1 X FAN BEAM

### Discharge

Fresh Water	2 x 150 m3 / hr @ 9 bar
Ballast / Drill Water	2 x 150 m3 / hr @ 9 bar
Anti Heeling System	n/a
Fuel oil	2 x 150 m3 / hr @ 9 bar

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