

NO PHOTO  
CURRENTLY AVAILABLE

Vessel Characteristics

Length, Overall:	289 ft	88.1 m
Beam:	62.3 ft	19 m
Depth:	26.2 ft	8 m
Maximum Draft:	21.6 ft	6.6 m
Light Draft:	10.2 ft	3.1 m
Minimum Height:	100 ft	31.5 m
Freeboard:	4.6 ft	1.4 m
Displacement:	7,420 lt	7,540 mt
Deadweight:	4,590 lt	4,660 mt
Clear Deck Space:	200 x 52 ft	62.5 x 16 m
Clear Deck Area:	10,800 ft <sup>2</sup>	1000 m <sup>2</sup>
Deck Strength:	2,050 lb/ft <sup>2</sup>	10 t/m <sup>2</sup>
Class Notations: DNV: +1A1, SUPPLY VESSEL, SF, LFL*, COMF-V(3), HL(2.8),E0, DYNPOS-AUTR, NAUT-OSV(A), CLEAN DESIGN, DK(+)		

**TIDEWATER<sup>®</sup>**  
**TROMS CAPELLA**

PSV 09 CD PLATFORM SUPPLY VESSEL

# TIDEWATER TROMS CAPELLA

## Capacities

Deck Cargo:	2,400 lt	2,440 t
Fuel Oil:	256,000 gal	970 m <sup>3</sup>
Potable Water:	39,600 gal	150 m <sup>3</sup>
Fresh Water:	231,000 gal	880 m <sup>3</sup>
Drill/Ballast Water:	590,000 gal	2,230 m <sup>3</sup>
Bulk Tanks (6 tanks):	11,400 ft <sup>3</sup>	320 m <sup>3</sup>
Liquid Mud (23 lbs/gal):	6,060 bbl	960 m <sup>3</sup>
Base Oil:	1,180 bbl	190 m <sup>3</sup>
Methanol:	1,050 bbl	170 m <sup>3</sup>

## Machinery

Diesel Electric Vessel			
Propulsive/Total HP:	5,900 / 8,930		
Z-Drives:	Yes		
Propellers (2):	Rolls Royce Marine CPP 2200kW		
Primary Generators (4):	1,580 kw	690 v	60 hz
Driven by:	Main Engines		
Emergency Generators (1):	370 kw	690 v	60 hz
Driven by:	Cummins Stamford HCM534C		
Bow Thruster (2):	Rolls Royce 1xTunnel, 1xDrop Down		
Driven by:	880kW Electric Motor		
Total Thrust:	29.5 st	26.8 mt	

## Deck Equip.

Anchors (2):	3920 KG
Anchor Chain:	260 m of 48 mm chain per side
Crane:	2 t @ 6.7 m
Capstans (2):	10 t BRATTVAAG
Tugger (2):	10 t BRATTVAAG

## Accommodations

Nº of Berths:	44
1-man cabins:	10
2-man cabins:	17
Certified to Carry:	44
Hospital:	Yes

## Performance

(Approximate values assuming Ideal Conditions)		
<i>Fuel Consumption Vs Speed</i>		
Maximum:	28 m <sup>3</sup> /day (310 gph) @ 15 knots	
Cruising:	16 m <sup>3</sup> /day (180 gph) @ 11 knots	
Economical:	13 m <sup>3</sup> /day (140 gph) @ 10.3 knots	
Standby:	3.6 m <sup>3</sup> /day (40 gph) @ 0 knots	
Range @ 11 Knots:	16,000 nm	
<i>Transfer Rates</i>		
Fuel Oil:	660 gpm @ 300 ft	150 m <sup>3</sup> /h @ 90 m
Potable Water:	660 gpm @ 300 ft	150 m <sup>3</sup> /h @ 90 m
Fresh Water:	660 gpm @ 300 ft	150 m <sup>3</sup> /h @ 90 m
Drill/Ballast Water:	1,100 gpm @ 300 ft	250 m <sup>3</sup> /h @ 90 m
Bulk:	31.5 cfm @ 190 ft	53.6 m <sup>3</sup> /h @ 57 m
Liquid Mud:	440 gpm @ 800 ft	100 m <sup>3</sup> /h @ 240 m
Base Oil:	330 gpm @ 300 ft	75 m <sup>3</sup> /h @ 90 m
Brine:	440 gpm @ 800 ft	100 m <sup>3</sup> /h @ 240 m
Methanol:	330 gpm @ 300 ft	75 m <sup>3</sup> /h @ 90 m

## Nav/Comms Equip.

Radar(s):	2
Depth Sounder:	1
Gyro Compass:	3
Doppler Log:	1
Radio:	8 x VHF
Satellite Comms:	V-Sat

## Special Equip.

Dynamic Positioning:	DP-2 CLASSED
Ref. Systems:	3 x MRU; 2 x DGPS 1 x Laser-based
Mud Recirculation:	Yes
Mud Mixers:	Yes
Tank Cleaning:	Yes
Rescue Boat:	Viking 470 GRP 1

## Registration

Flag:	Isle Of Man
IMO Nº:	9480722
Year Built:	2011
Builder:	COCHIN SHIPYARD LIMITED
Call Sign:	2HDJ5
Tonnage (ITC):	4059 GT      1627 NT

NOTICE: The data contained herein is provided for convenience of reference to allow users to determine the suitability of the Company's equipment. The data may vary from the current condition of equipment which can only be determined by physical inspection. Company has exercised due diligence to insure that the data contained herein is reasonably accurate. However, Company does not warrant the accuracy or completeness of the data. In no event shall Company be liable for any damages whatsoever arising out of the use or inability to use the data contained herein. Fuel consumption figures are historically conservative approximations.