



Vessel Characteristics

Length, Overall:	306.8 ft	93.5 m
Beam:	62.3 ft	19 m
Depth:	26.2 ft	8 m
Maximum Draft:	21.3 ft	6.5 m
Minimum Height:	88.6 ft	27 m
Freeboard:	4.9 ft	1.5 m
Displacement:	7,950 lt	8,080 mt
Deadweight:	4,880 lt	4,960 mt
Clear Deck Space:	220 x 52 ft	67.3 x 16 m
Clear Deck Area:	11,700 ft ²	1,080 m ²
Deck Strength:	1,020 lb/ft ²	5 t/m ²

Class Notations:

DNV: +1A1, SF, E0, DYNPOS-AUTR, DK(+), COMF-V(3), Fire Fighter II, NAUT-OSV(A),HL(2.8), CLEAN DESIGN, OILREC, LFL*, NOFO 2009

TIDEWATER[®]

TROMS SIRIUS

PSV 09 CD PLATFORM SUPPLY VESSEL

TIDEWATER TROMS SIRIUS

Capacities

Deck Cargo:	2,700 lt	2,740 t
Fuel Oil:	330,000 gal	1,250 m ³
Potable Water:	35,600 gal	130 m ³
Fresh Water:	153,000 gal	580 m ³
Drill/Ballast Water:	724,000 gal	2,740 m ³
Bulk Tanks (6 tanks):	11,300 ft ³	320 m ³
Liquid Mud (23 lbs/gal):	8,160 bbl	1,300 m ³
Base Oil:	2,210 bbl	350 m ³
Methanol:	1,020 bbl	160 m ³
Fire Fighting Foam:	660 gal	2.5 m ³

Machinery

Diesel Electric Vessel			
Propulsive/Total HP:	5,900 / 11,200		
Propellers (2):	Rolls Royce Contaz CTZ15 2200KW		
Primary Generators (4):	1,980 kw	690 v	60 hz
Driven by:	Cat 3516 CDITA		
Emergency Generators (1):	160 kw	690 v	60 hz
Driven by:	Cat C9 DITA		
Bow Thruster (3):	2xRRM Tunnel; 1xRRM Drop-Down		
Driven by:	880 kW Electric Motor		
Total Thrust:	44.2 st	40.1 mt	

Deck Equip.

Anchors (2):	3780 kg SPEC TYPE
Anchor Chain:	270 m of 48.3 mm chain per side
Crane:	5 t @ 7 m
Capstans (2):	10 t Rolls Royce CA100H
Tugger (2):	10 t Rolls Royce TUW100F

Accommodations

Nº of Berths:	26
1-man cabins:	10
2-man cabins:	4
4-man cabins:	2
Certified to Carry:	26
Hospital:	Yes

Performance

(Approximate values assuming Ideal Conditions)		
<i>Fuel Consumption Vs Speed</i>		
Maximum:	29 m ³ /day (320 gph) @ 15 knots	
Cruising:	16 m ³ /day (180 gph) @ 12 knots	
Economical:	11 m ³ /day (120 gph) @ 11 knots	
Standby:	3.5 m ³ /day (39 gph) @ 0 knots	
Range @ 12 Knots:	22,500 nm	
<i>Transfer Rates</i>		
Fuel Oil:	660 gpm @ 250 ft	150 m ³ /h @ 76 m
Potable Water:	660 gpm @ 300 ft	150 m ³ /h @ 90 m
Fresh Water:	660 gpm @ 300 ft	150 m ³ /h @ 90 m
Drill/Ballast Water:	1,100 gpm @ 300 ft	250 m ³ /h @ 90 m
Bulk:	31.3 cfm @ 190 ft	53.2 m ³ /h @ 57 m
Liquid Mud:	440 gpm @ 800 ft	100 m ³ /h @ 240 m
Base Oil:	330 gpm @ 250 ft	75 m ³ /h @ 76 m
Brine:	440 gpm @ 680 ft	100 m ³ /h @ 210 m
Methanol:	330 gpm @ 300 ft	75 m ³ /h @ 90 m

Nav/Comms Equip.

Radar(s):	2
Depth Sounder:	1
Gyro Compass:	3
Doppler Log:	2
Radio:	3 x VHF; 1 x SSB
Satellite Comms:	1xINMARSAT-C; 1xFLEET BROADBAND

Special Equip.

Firefighting:	FiFi-2
Dynamic Positioning:	KONGSBERG K-POS DP11
Ref. Systems:	3 x MRU; 2 x DGPS 1 x Laser-based; 1 x Radar-based
Mud Recirculation:	Yes
Mud Mixers:	Yes
Tank Cleaning:	Yes
Rescue Boat:	NORSAFE MIDLET 500 MK 2

Registration

Flag:	NORWAY
IMO Nº:	9628386
Year Built:	2012
Builder:	STX SOVIKNES
Call Sign:	LDGG
Tonnage (ITC):	4201 GT 1799 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.