



Vessel Characteristics

Length, Overall:	229.6 ft	70 m
Beam:	54.5 ft	16.6 m
Depth:	22.3 ft	6.8 m
Maximum Draft:	20.3 ft	6.2 m
Light Draft:	8.6 ft	2.6 m
Minimum Height:	79 ft	24.1 m
Freeboard:	2 ft	0.6 m
Displacement:	4,820 lt	4,900 mt
Deadweight:	2,940 lt	2,990 mt
Clear Deck Space:	140 x 44 ft	42.6 x 13.5 m
Clear Deck Area:	6,070 ft ²	560 m ²
Deck Strength:	1,020 lb/ft ²	5 t/m ²
Class Notations:	ABS: +A1, FiFi-1, OSV, (E), +AMS, +DPS-2, RW	

TIDEWATER[®]

ANDERSON TIDE

70M PLATFORM SUPPLY VESSEL

Capacities

Deck Cargo:	980 lt	1,000 t
Fuel Oil:	242,000 gal	920 m ³
Potable Water:	110,000 gal	420 m ³
Drill/Ballast Water:	184,000 gal	700 m ³
Bulk Tanks (4 tanks):	8,180 ft ³	230 m ³
Liquid Mud (21 lbs/gal):	3,140 bbl	500 m ³
Brine:	1,040 bbl	160 m ³
Base Oil	980 bbl	160 m ³
Oil Dispersant:	2,960 gal	11.2 m ³
Fire Fighting Foam:	2,590 gal	9.8 m ³

Machinery

Main Engines (2):	Niigata 8L28HX		
Total HP:	5,920		
Z-Drives:	Yes		
Kort Nozzles:	2		
Primary Generators (4):	470 kw	450 v	60 hz
Driven by:	VOLVO D16C-AMG 1800		
Emergency Generators (1):	99 kw	450 v	60 hz
Driven by:	VOLVO D7A-T		
Bow Thruster (2):	NAKASHIMA TCT-120		
Driven by:	374 KW Electric Motor		
Total Thrust:	12.6 st	11.4 mt	

Deck Equip.

Anchor(s) (2):	5027 lbs Stockless
Anchor Chain:	270 m of 43.2 mm chain per side
Crane:	1 t @ 14 m
Capstans (2):	5 t ME 5THVC
Tugger (2):	10 t ME 10THTUW

Accommodations

Nº of Berths:	50
1-man cabins:	8
2-man cabins:	7
4-man cabins:	7
Certified to Carry:	50
Hospital:	Yes

Performance

(Approximate values assuming Ideal Conditions)		
<i>Fuel Consumption Vs Speed</i>		
Maximum:	18 m ³ /day (200 gph) @ 12.5 knots	
Cruising:	10 m ³ /day (110 gph) @ 10.5 knots	
Economical:	6.7 m ³ /day (74 gph) @ 8 knots	
<i>Transfer Rates</i>		
Fuel Oil:	440 gpm @ 260 ft	99.9 m ³ /h @ 80 m
Potable Water:	440 gpm @ 260 ft	100 m ³ /h @ 80 m
Drill/Ballast Water:	440 gpm @ 260 ft	100 m ³ /h @ 80 m
Bulk:	34.1 cfm @ 230 ft	57.9 m ³ /h @ 71 m
Liquid Mud:	330 gpm @ 260 ft	74.9 m ³ /h @ 80 m
Base Oil:	440 gpm @ 260 ft	99.9 m ³ /h @ 80 m
Brine:	310 gpm @ 260 ft	69.9 m ³ /h @ 80 m

Nav/Comms Equip.

Radar(s):	2
Depth Sounder:	1
Gyro Compass:	3
Doppler Log:	1
Satelite Comms:	2xINMARSAT-C / FLEET F55
Radio:	2 x VHF; 1 x SSB

Special Equip.

Firefighting:	FIFI-1
Dynamic Positioning:	KONGSBERG DP-2
Ref. Systems:	3 x MRU; 3 x DGPS 1 x Laser-based; 1 x Radar-based
Mud Mixers:	Yes
Rescue Boat:	SOLAS APPROVED 6-MAN MOB

Registration

Flag:	VANUATU	
IMO Nº:	9562726	
Year Built:	2010	
Builder:	JINGJIANG NANYANG SHIPYARD	
Call Sign:	YJQR6	
Tonnage (ITC):	2441 GT	732 NT