

SPECIFICATIONS

15/03/2020



Vessel Characteristics

Length, Overall:	175 ft	53.3 m
Beam:	34 ft	10.4 m
Depth:	14 ft	4.3 m
Maximum Draft:	11.5 ft	3.5 m
Light Draft:	6.4 ft	2 m
Minimum Height:	46 ft	14 m
Freeboard:	4.6 ft	1.4 m
Displacement:	820 lt	830 mt
Deadweight:	550 lt	550 mt
Clear Deck Space:	100 x 29 ft	30.5 x 8.8 m
Clear Deck Area:	2,900 ft ²	270 m ²
Deck Strength:	540 lb/ft ²	2.6 t/m ²
Class Notations:	ABS: +A1, +AMS, HSC Crew Boat	

Capacities

Deck Cargo:	350 lt	360 t
Fuel Oil:	33,900 gal	130 m ³
Potable Water:	1,500 gal	5.7 m ³
Fresh Water:	25,900 gal	98 m ³
Liquid Mud (21 lbs/gal):	1000 bbl	160 m ³

Machinery

Main Engines (4):	Cummins KTA50-M2	
Total HP:	7,200	
Propellers (4):	Nibral 4-blade; 58 x 51 inch	
Primary Generators (2):	160 kw	480 v 60 hz
Driven by:	Cummins 6CTA8.3-D	
Bow Thruster (1):	Rolls-Royce	
Driven by:	250 HP Hydraulic	
Total Thrust:	3 st	2.8 mt

Deck Equip.

Anchors (1):	645 lbs HHP
Anchor Rope:	1000 ft of 1 in. Wire Rope

Accommodations

Nº of Berths:	12
1-man cabins:	2
2-man cabins:	5
Certified to Carry:	48

Registration

Flag:	TBD
IMO Nº:	TBD
Year Built:	2003
Builder:	USA
Call Sign:	TBD
Tonnage (ITC):	494 GT 148 NT

Performance

(Approximate values assuming Ideal Conditions)		
<i>Fuel Consumption Vs Speed</i>		
		98 gph @ 11 knot
Economical:		59 gph @ 7 knot
Standby:		With generator. 8 gph
<i>Transfer Rates</i>		
Fuel Oil:	300 gpm @ 230 ft	68 m ³ /h @ 70 m
Fresh Water:	300 gpm @ 230 ft	68 m ³ /h @ 70 m
Bulk:	16.7 cfm @ 180 ft	28.4 m ³ /h @ 56 m
Liquid Mud:	500 gpm @ 200 ft	114 m ³ /h @ 61 m

Nav/Comms Equip.

Radar(s):	2
Depth Sounder:	1
Gyro Compass:	2
Doppler Log:	1
Satelite Comms:	Iridium Phone
Radio:	2 x VHF; 1 x SSB

Special Equip.

Firefighting:	1 x 1200 GPM MONITOR
Ref. Systems:	1 x MRU; 1 x DGPS 1 x Laser-based
Mud Mixers:	Yes
Tank Cleaning:	Yes
Rescue Boat:	Ambar 420 SOLAS Approved
Aux. Rescue Boat:	NOREQ FRB650 FRC