



Vessel Characteristics

Length, Overall:	162 ft	49.4 m
Beam:	29.5 ft	9 m
Depth:	12 ft	3.7 m
Maximum Draft:	9.5 ft	2.9 m
Freeboard:	3.6 ft	1.1 m
Displacement:	604 lt	614 mt
Deadweight:	436 lt	443 mt
Clear Deck Space:	97 x 24 ft	29.6 x 7.4 m
Clear Deck Area:	2,360 ft <sup>2</sup>	220 m <sup>2</sup>
Deck Strength:	500 lb/ft <sup>2</sup>	2.4 t/m <sup>2</sup>
Class Notations: ABS: +A1, HSC Crewboat, AMS		

# TIDEWATER<sup>®</sup>

## SANDRA TIDE

162' Crew Boat

# TIDEWATER® SANDRA TIDE

## Capacities

Deck Cargo:	309 lt	314 t
Fuel Oil:	34,000 gal	130 m <sup>3</sup>
Potable Water:	820 gal	3.1 m <sup>3</sup>
Fresh Water:	22,800 gal	86.1 m <sup>3</sup>
Drill/Ballast Water:	8,390 gal	31.8 m <sup>3</sup>

## Machinery

Main Engines (4):	Caterpillar 3512		
Total HP:	5,780		
Propellers (4):	47"x49"		
Primary Generators (2):	75 kw	210 v	60 hz
Driven by:	Caterpillar 3306		
Bow Thruster (1):	Thrust Master 30TT175H-AL		
Driven by:	Caterpillar 3306		
Total Thrust:	1.3 st	1.2 mt	

## Deck Equip.

Anchors (1):	190 lbs DANFORTH
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## Accommodations

Nº of Berths:	8
2-man cabins:	4
Passenger Seats:	72
Certified to Carry:	78

## Special Equip.

Firefighting:	1 x Fire Monitor
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## Performance

(Approximate values assuming Ideal Conditions)

### Fuel Consumption Vs Speed

Maximum:	25 m <sup>3</sup> /day (280 gph) @ 25 knots	
Cruising:	21 m <sup>3</sup> /day (230 gph) @ 20 knots	
Economical:	15 m <sup>3</sup> /day (160 gph) @ 15 knots	
Standby:	2.7 m <sup>3</sup> /day (30 gph) @ 0 knots	
Range @ 20 Knots:	3,000 nm	

### Transfer Rates

Fuel Oil:	150 gpm @ 180 ft	34 m <sup>3</sup> /h @ 55 m
Drill/Ballast Water:	150 gpm @ 180 ft	34 m <sup>3</sup> /h @ 55 m

## Nav/Comms Equip.

Radar(s):	2
Depth Sounder:	1
Gyro Compass:	1
Satelite Comms:	Mini M
Radio:	2 x VHF; 1 x SSB

## Registration

Flag:	VANUATU
IMO Nº:	9286750
Year Built:	2002
Builder:	BREAUX'S BAY CRAFT
Call Sign:	YJVC7
Tonnage (ITC):	341 GT
	102 NT

## Capacity Table

Tank	Contents	Volume m <sup>3</sup>	Base Oil	Fuel Oil	Dry Bulk	DW/WB	Potable Water	Fresh Water	Brine	Liquid Mud	Methanol	Lube Oil	Foam	Oil Disp.
FP Ballast Tk C	DW/WB	31.8				31.8								
No. 1 Rig Water C	FW	6.2						6.2						
No. 2 Rig Water P	FW	32.6						32.6						
No. 2 Rig Water S	FW	32.6						32.6						
No. 3 Rig Water P	FW	32.9						32.9						
No. 3 Rig Water S	FW	32.9						32.9						
No. 4 Rig Water C	FW	14.9						14.9						
Potable Water Tk C	Ship's FW	3.1					3.1							
No. 1 FO Tk C	FO	14.7		14.7										
No. 2 FO Tk C	FO	15.5		15.5										
No. 3 FO Tk C	FO	32.4		32.4										
Lube Oil P	LO	0.9										0.9		
Total Volume [m <sup>3</sup> ]			0.0	62.7	0.0	31.8	3.1	152.0	0.0	0.0	0.0	0.9	0.0	0.0
Spec Sheet Total Volume [m <sup>3</sup> ]			0.0	62.7	0.0	31.8	3.1	152.0	0.0	0.0	0.0	0.9	0.0	0.0

\*Capacities shown are for lead vessel. Actual capacities may vary slightly.

\*Capacities shown in **RED** are excluded from the total volume.

\*Capacities shown in **BLUE** are included in another Tank's Capacity.

\*Capacities shown in **GREEN** are counted for multiple Tank Capacities.

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.