



RENEE LAB AHTS

SAFE, DEPENDABLE, AND MODERN OFFSHORE SUPPORT

REGISTRATION

USCG	OSV, SubCh L & I Vessel
Hull Number	7873
Net	
IMO	9407770
Call Sign	WDD7312
Classification	ABS
Year Built	2007
Flag	USA
Builder	Bender Shipbuilding
Official Number	1198441
Notations	✱A1, Towing Vessel, Offshore Support Vessel, ✱AMS, ✱DPS-2, UWILD

MAIN CHARACTERISTICS

Length overall	265.1 ft	(80.8 m)
Beam	51.8 ft	(15.8 m)
Depth	19 ft	(5.8 m)
Loaded Draft	15.4 ft	(4.7 m)
Deadweight	2,300 Lt	(2,337 Mt)
Tonnage (ITC) GRT	2,174	
Tonnage (ITC) NRT	814	

MACHINERY

Main Engines	Caterpillar 3 x 3516B & 1 x 3516C
Main Generators	3 x 1,825 kW, 1 x 2,100 kW, 690 V, 60 Hz, 3 Ø
Aux. Generator	1 x 425 kW, 690 V, 60 Hz, 3 Ø
Total Installed Power	10,728 HP / 8015 kW
Emergency Generator	1 x 175 kW, 480 V, 60 Hz, 3 Ø
Bow Thruster #1	HRP CPP, 800 BHP, 9 Mt thrust
Bow Thruster #2	HRP CPP, 800 BHP, 9 Mt thrust
Stern Thruster #1	HRP Conventional, 800 BHP, 9 Mt thrust
Propellers	Conventional in nozzles
Rudders	Twin independent Fish Tail Rudders

CAPACITIES AND DISCHARGE RATES

Fuel Oil	140,011 USG	530 m ³	
Potable Water	99,857 USG	378 m ³	
Drill Water	186,770 USG	707 m ³	
Water Ballast	186,770 USG	707 m ³	
Liquid Mud	215,300 USG	815 m ³	5,126 BBLs
Dry Bulk	4,500 Ft ³	127 m ³	
Brine	101,706 USG	385 m ³	2,422 BBLs
Lfl/methanol	101,706 USG	385 m ³	

ELECTRONICS

Dynamic Positioning	Class 2
Dp System	Converteam
Dp Reference #1	2 x C-NAV 3050(GLONASS)
Dp Reference #2	1 x Cyscan
Gyros	2 x TSS Meridian
Ecdis	Coastal Navigator
Radar #1	1 x S Band ARPA
Radar #2	1 x X Band ARPA
Gmdss	Area A3

ACCOMMODATIONS

Cabins	16
Berths	38
Single Cabins	2
Double Cabins	12
4 Person Cabins	2
Crew Mess	1
Offices	1
Change Room	1
Smoking Rooms	1
Lounges	1
Hospital	1

PERFORMANCE

Max Speed	14.3 knots	Eco. Speed	10 knots
Cruising Speed	12 knots	Bollard Pull	120 MT

FUEL CONSUMPTION

Maximum	380.7 USG/hr	34.6 m ³ /Day
Cruising	187.8 USG/hr	17.1 m ³ /Day
Economical	97.1 USG/hr	8.8 m ³ /Day

Discharge Rate	26,417 USG/hr.	100 m ³ /hr.
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Discharge Rate	59,967 USG/hr.	227 m ³ /hr.
Discharge Rate	1,497 ft ³ /Min.	42 m ³ /Min.
Discharge Rate	19,813 USG/hr.	75 m ³ /hr.

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.

DECK AND ANCHOR HANDLING

Anchors	Rolls Royce 11.5 Mt at 15m/min
Chain	2 x 1,846 Kg (439 m x 38 mm Ø chain)
Chain Capacity	10,594 ft3-300 m3
Winch Model	Rolls Royce Brattvaag, Electro-Hydraulic
Line Pull	Two Drum Reverse Waterfall 300 Mt
Winch Capacity Drum #1	76 mm x 2,000 m, (3" x 6,600') each drum
Brake Capacity	393 Lt, 400 Mt
Storage Reel #1	76 mm x 2,000 m, (3" x 6,600') each drum
Storage Reel #2	76 mm x 2,000 m, (3" x 6,600') each drum
Tugger Winch #1	11 Mt
Tugger Winch #2	11 Mt
Stern Roller	SWL 350 Mt (16' x 8')
Shark Jaws	2 x Karmfork 300 Mt
Towing Pins	2 Pair x Karmøy hyd w/ locking flaps

CARGO DECK

Tonnage	1,600.3 Lt	1,626.0 Mt
Strength	1,024.1 Lb/ft ²	5.0 Mt/m ²
Length	160.8 ft	49.0 m
Width	42.7 ft	13.0 m
Clear Area	6,835.1 ft ²	635.0 m ²

SPECIAL EQUIPMENT

SURVIVAL CRAFT	6 x 25 person inflatable liferafts
MUD TANK CIRCULATION	Flygt Agitators (2) per tank
CRANE #1	Techcrane TC10-24-40 rated at 4,422 kg @ 6.09m and 1,367kg @ 12.19m
ROV CAPABILITIES	Oceaneering - Millenium Plus Rov (150 Hp) Spread
ROV POWER SUPPLY	400A, 300A, 60A, 40A AND 30A, 3phase, 480V
CONTAINER SUPPLY	8 x 30A and 1x 80A, 480V, 3Ø, 60Hz 2 x 32A, 220V

RESCUE CAPABILITIES

FRC #1	MP 660 Springer, Full SOLAS, 6.6 m, 6 person, 32-34 Kt max speed, diesel waterjet propulsion
FRC #2	32-34 Kt max speed, diesel waterjet propulsion, self-righting

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