



**AHTS Dark Knight II**

151TBP / DP 2/ 515m<sup>2</sup> Deck Space/ 2010 Built.

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<b>General</b>		<b>Dimensions</b>	
Name	AHTS Dark Knight II	LOA	75.4 m
Built	2010	Length	69.20 m
IMO No	9494888	Perpendicular	
Engine	Wartsila 9L32	Breadth	16.80 m
Builder	Singapore	Draft Scantling	6.5m m
Port of	Liberia	Depth Main deck	7.5 m
Registry	ABS		
Flag	✘A1, Towing Vessel, Fire Fighting		
Class	Vessel Class 1, Offshore Support		
Class	Vessel AH, (E), ✘AMS,		
Notation	✘ACCU, ✘DPS-2		
		<b><u>Propulsions &amp; Thrusters</u></b>	
		Total Power	12,069 BHP/ 9000KW
		Main Engines	2 x Wartsila 9L32
		Propellers	2 x CPP
		Shaft Alternator	2 X DSG 99K 1-4 (2300 kw/450 V/ 60 Hz @ 1800 rpm)
		Aux. Eng	2 x Cat 410KW Each
		Forward Thrusters	2 x 600KW Each
		Stern Thruster	1 x 600KW
Fifi	Fifi 1		
Fifi Monitor	2 x 1200m3/hour		
Fifi Pump	2 x 1200m3/hour		
Gross Tonnage	2952T		
Net Tonnage	885T		
Deadweight	2193T		
Bollard Pull	151TBP, Tested February, 2025		

<b>Tank Capacities</b>		<b>Cargo Discharge Rates</b>	
Fuel Oil	1263 m <sup>3</sup>	Fuel Oil	1 x 200m3/hr @ 90m head
Drill Water	431.63 m3	Drill Water	1 x 200m3/hr @ 90m head
Fresh Water	430 m <sup>3</sup>	Potable Water	1 x 150m3/hr @ 90m head
Liquid Mud	516 m <sup>3</sup>	Liquid Mud/ Brine	2 x 75m3/hr @ 90m head
Dry Bulk/Cement	226 m <sup>3</sup>	Dry Bulk/Cement	2 x 20m3/hr @ 5.5 bar
Chain Locker	33 m3		
Dispersant	7.5 m <sup>3</sup>		
Foam	7.5 m <sup>3</sup>		

<b>Winch Capacities</b>		<b>Deck Capacities</b>	
Make	Rolls Royce.	Main deck Dimension	37 x 14m
Type Anchor Handling/Towing Winch	2 x Rolls Royce Brattvaag SL300W/BSL300W, Waterfall Type.	Main deck Area	518m <sup>2</sup>
Anchor Handling Drum	2000m x 73 mm , Total Wire Capacity - 2000m x 73 mm, Brake Holding – 450T	Free Deck Length	23 m
Towing Drum	2000m X 76 mm , Total Wire Capacity – 2000m x 76mm, Brake Holding - 450T	Free Deck Width	14 m
Spare Reel	2 x 2000 m X 76 mm	Deck Cargo Capacity	800T
Chain Lockers	P/S: 162 m <sup>3</sup> ; S/S: 176 m <sup>3</sup>	Deck Strength	7.5T/m <sup>2</sup>
		Deck Voltage & Sockets	2 x 440V, 4 x 230V
		<b><u>Deck &amp; Crane Equipment</u></b>	
		Shark Jaws	2 x 650T Capacity
		Stern Roller Dimensions	4.5m x.2.3m
		Stern Roller SWL	500T SWL
		Towing Pins	2 x 300T @ 15m/min
		Capstans	2 x 10T
		Tugger Winch	2 x 10T
		Provision Deck Crane	2.2T @ 12.2m and 5.9T at 6m
		Water Maker	1 x 10m <sup>3</sup> /Day

<b>Dynamic Positioning &amp; Sensors</b>	
DP System 2	DP Class 2 Kongsberg K-Pos 21
Reference Systems	2 x DGPS Fugro Seastar 1 x CyScan MK IV 1 x Hipap
Sensors	3 x Gyro 3 x Anemometer 3 X MRU

<b>Accommodation &amp; Other Facilities</b>	
Total Capacity	50 Persons
Single Cabins	10 Person
2 Man Cabins	8
4 Man Cabins	6
Hospital	1

<b>Rescue Boat</b>	
Total Capacity	6 Persons
FRC Speed	15 Knots
Maximum FRC Speed	20 Knots