

# SPECIFICATIONS

## AHTS -110T BP, DII, FIFI-1, 8320BHP/2x3060KW



### DISCHARGE:

Fuel Oil:	1 x 150 m <sup>3</sup> / hr @ 75m head
Drill / Ballast water:	1 x 150 m <sup>3</sup> / hr @ 75m head
Portable / Fresh Water:	1 x 150 m <sup>3</sup> / hr @ 75m head
Liquid Mud / Brine	2 x 100 m <sup>3</sup> / hr @ 75m head
Bulk:	2 x 23 m <sup>3</sup> / hr @ 75m head

### ANCHOR HANDLING & TOWING:

<i>Bollard Pull:</i>	110 tonnes approx.
<i>AHT Winch:</i>	Double Drum Waterfall type

### GENERAL:

<i>Year Built:</i>	2012
<i>Builder:</i>	Guangzhou Hangtong Shipbuilding and Shipping Co Ltd,China

<i>Classification:</i>	ABS*A1 Offshore Support Vessel(E), AMS, *DPS-2, Fire Fighting Vessel Class 1, Towing Vessel, All, *ACCU
------------------------	--

<i>Port Of Registry:</i>	LAGOS
<i>Flag:</i>	NIGERIA

### DIMENSIONS:

<i>Length Overall:</i>	75.00 m approx.
<i>Length B.P.:</i>	67.28 m
<i>Breadth,Moulded:</i>	16.00 m
<i>Depth Moulded:</i>	7.5 m
<i>Draft (MAX):</i>	6.1 m
<i>GRT / NRT</i>	2759 T / 827 T
<i>Draft: DWT at Assigned</i>	2500 T

<i>Line Pull:</i>	250.0 T
<i>Brake Capacity:</i>	300 t
<i>Drum Capacity:</i>	64mm x 1500m
<i>Towing Drum:</i>	64mm x 1500m
<i>Anchor Handling Drum:</i>	64mm x 1000m
<i>Speed:</i>	
<i>Control:</i>	Remote control from aft control stand in wheelhouse and forecastle deck(Stbd)
<i>Stern Roller:</i>	5.5m(length)x2.5m diameter(swl 300mt) "Karm Fork" 300 tonnes SWL with jaw plates
<i>Shark Jaws:</i>	for 32 mm to 102mm diameter chain
<i>Towing Pins:</i>	2x300 tonnes SWL,hydraulic operated

### DECK EQUIPMENT:

<i>Tugger Winch:</i>	2 x 10 tonnes @15m/min
<i>Capstan:</i>	2 x 5 tonnes @ 30m/min

<i>Deck Crane:</i>	
<i>Rigid Rescue Boat:</i>	1 x 6 person

### ANCHORING EQUIPMENT:

<i>Anchors:</i>	2 x 1982 Kg ,D-14HHP 467.5mx44m / grade U2 type anchor chain cables
<i>Cables:</i>	
<i>Windlass:</i>	1 x Double Gypsy and Warping Ends

**MACHINERY:**

<i>Main Engine:</i>	2 x 4160 BHP
<i>Main Engine Type:</i>	
<i>Propellers:</i>	2 Sets,Controllable Pitch Propeller
<i>Rudders:</i>	2
<i>Bow Thrusters:</i>	2 x 10T CPP
<i>Stern Thrusters:</i>	1 X 10T CPP
<i>Generators:</i>	2 x 380 KW diesel driven
<i>Shaft generators:</i>	2 X 1500 KW shaft driven
<i>Emergency Generator:</i>	1 X 94 KW approx. diesel driven

**CAPACITIES:**

<i>Deck Cargo:</i>	800 tonnes
<i>Cargo Deck Dimensions:</i>	
<i>Clear Deck Space:</i>	500 m2
<i>Deck Strength:</i>	7.5 tonnes / m2
<i>Fuel Oil:</i>	858 m3 approx.
<i>Drill / Ballast Water</i>	
<i>Portable / Fresh Water:</i>	
<i>Dry Bulk:</i>	226 m3
<i>Liquid Mud:</i>	405 m3 approx. (SG 2.5 tonne / m3)
<i>Brine:</i>	200 m3 approx.
<i>Base Oil:</i>	Not applicable
<i>Rig Chain Lockers:</i>	2 x 80 m3 approx.

**DYNAMIC POSITIONING SYSTEM**

Wartsila	<i>IMO Class DP/II System:</i>
<i>Maker:</i>	Kongsberg
<i>Gyro Compass:</i>	2
<i>DGPS:</i>	2
<i>Radius 1000</i>	1
<i>Anemometer:</i>	3
<i>Vertical Referenace Unit:</i>	2
<i>UPS:</i>	2
<i>Motion Reference Sensors:</i>	2
<i>Printer:</i>	1
<i>Independent Joystick:</i>	1

**ACCOMODATION**

<i>Total Accomodation:</i>	40 Berths,fully Air-Conditioned
<i>1 Man Cabin:</i>	8
<i>1371 m3 approx.</i>	<i>2 Man Cabin:</i>
<i>375 m3 approx.</i>	<i>Officers Mess:</i>
<i>Crew Mess:</i>	1
<i>Hospital:</i>	1
<i>Office:</i>	1
<i>Gymnasium:</i>	1

**NAVIGATION & COMMUNICATION:**

<i>Radars:</i>	1 S-Band Radar / 1 X-Band Radar
<i>GPS With Plotter:</i>	1
<i>AIS:</i>	1
<i>Echo Sounder:</i>	1
<i>Auto Pilot and Steering Gear:</i>	
<i>Gyro Compass:</i>	3
<i>GMDSS:</i>	1
<i>S.S.B.:</i>	
<i>Inmarsat C With EGC:</i>	2
<i>MF/HF-DSC/NBDP Radio:</i>	1
<i>VHF / DSC:</i>	2

Particulars believed to be correct but not guaranteed.Owners Reserved the Right to amend the specifications without Notifications.