

**M/V HUA WANG  
6,120BHP AHTS**

**REGISTRATION**

Flag:	Liberia
Home Port:	Monrovia
Builder:	Jiannan Shipyard, Shanghai
Yard Number:	H2151
Year Built:	1984
Classification:	DNV @1A1 Tug and Supply Vessel SF
Call Sign:	E L R S 7
Sailing Area:	World-wide

**DIMENSIONS**

Length Overall:	58.60 M
Length P.P.:	51.60 M
Breadth Moulded:	13.00 M
Depth Moulded:	6.75 M
Draught Summer:	5.39 M
Freeboard:	1.36 M (In Summer Draught)

**TONNAGE**

Gross Tonnage:	1299 Tons
Net Tonnage:	487 Tons
Light Ship:	1188.95 Tons
Dead Weight:	1868.57 Tons

**DECK CAPACITIES**

Deck Area (Clear):	29.90 M x 10.50 M = 313.95 M <sup>2</sup>
Crash Rail:	2.00 M
Deck Cargo:	500 Tones
Deck Strength:	5 T/M <sup>2</sup>

<b>DECK EQUIPMENT</b>	
Anchor:	2 x 1600 KG
Anchor Chain:	Dia. 34mm, K3, 400M each
Windlass:	Hydraulic, 45 kW, 30 Bar
Tugger Winch:	1 x 10 tons
Capstan:	2 x 5 Tons (Electro-Hydraulic)
Crane:	1.5 Tons x 5.0M
<b>TANK CAPACITY</b>	
Fuel oil:	567.09 M <sup>3</sup>
P. Water:	422.86 M <sup>3</sup>
D. Water:	438 M <sup>3</sup>
Bulk:	1 x 48 M <sup>3</sup> + 3 x 50 M <sup>3</sup> , Total: 198 M <sup>3</sup>
Liquid Mud:	214 M <sup>3</sup> (1,345 US Barrels)
<b>TRANSFER RATES</b>	
Fuel Oil:	210 M <sup>3</sup> /hr, 7.5 Bar
P. Water:	200 M <sup>3</sup> /hr, 7.5 Bar
D. Water:	1 x 110 M <sup>3</sup> /hr + 1 x 49 M <sup>3</sup> /hr , 7.5 Bar, Screw type electric.
Bulk:	About 60 M <sup>3</sup> /hr, 60 psi (4.2 bar).
	Compressors: 2 x Max. 7.5 bar, 15.2 M <sup>3</sup> /min.
Liquid Mud:	62 M <sup>3</sup> /hr
<b>MACHINERY</b>	
Main Engine:	2 Sets: BERGEN Diesel Type: KVMB-12
Horse Power:	2 x 3,060BHP, Total 6,120BHP
Bollard Pull:	74 Tons (Certified)
Propeller:	2 x Ulstein CPP Propellers in Kort Nozzles
Auxiliary:	2 Sets: COMMINS NT 855-G2 2 x 355BHP
	1 Set: COMMINS N-495 78 kW
Generator:	2 x Siemens IFC 4316 B3/B5-, each 170 kW (Diesel)
	2 x Siemens IFC 5406, each 520 kW (Shaft)
	1 x Harbour generator: IFC4 256, 85 kW
	Total: 1,465 kW
Bow Thruster:	500 BHP, 6.0 Tons
<b>SPEED &amp; CONSUMPTION</b>	
Maximum:	13 knots 23 Tons/day
Economical:	11.0 Knots 10.5 Tons/day
In Port:	0.6 Tons/day
<b>TOWING / ANCHOR HANDLING</b>	
Winch:	Hydraulic Brattvaag SL150W/BSL150W, SWL 150 Tons, Brake Load 200 Tons, Double Drum.
Tow Line Drum Capacity:	Dia. 56MM x 1000M
Anchor Handling Wire Drum Capacity:	Dia. 56MM x 1000M

Shark Jaw:	Ulstein Type: AHT052 with local control
Towing Pins:	2 x Ulstein - Bridge control
Towing Hook:	Quick Release, SWL: 60 tons
Rig Chain:	1 Gypsy wheel on starboard side of the drum, Capacity: 3¼"
Chain Locker:	Nil.
Stern Roller:	Dia. 1.75 M x 3.65 M
<b>NAVIGATION/COMMUNICATION</b>	
Gyro Compass:	Robertson SKP-82
Auto Pilot:	Robertson AP-8
Echo Sounder:	JRC JFE-570S
Radar:	1 x JRC Type: JMA-527-6
	1 x Recal-Decca Type: Bridge Master
Log:	180-2, Made in China
Radio Direction Finder:	JRC JLR-1003C ADF
Satellite Navigation:	GPS Koden KGP-912
Weather Fax:	Furuno DFAX FA207
SSB:	JRC JSB-176
VHF:	2 sets: JRC Type: NCE-2211
Navitex Receiver:	JMC NN-900
<b>SAFETY EQUIPMENT</b>	
Ring Buoys:	8
Life Jackets:	40
Work Vests:	10
Life Raft:	2 x 25 persons + 2 x 20 persons
Rescue Boat:	1 x 6 persons, Zodiac with outboard engine
Rescue Net:	One rescue net on each side of the vessel.
Fire Fighting:	300 M3/Hr with one monitor on the top of the bridge.
Anti-pollution:	2 x Oil dispersant system: 1 boom on each side with 5 spray nozzles; the system connected with Oil dispersant drums on the deck.
	No proportion pump and storage tank onboard.
Emergency Radio:	Yes
Emergency Life Buoy Marker:	Yes
Radio Distress Transmitter:	Yes
<b>PROVISION</b>	
Accommodations:	6 x single, 4 x double, 1 x 3 persons and 1 x 12 persons
	Total: 29 beds. Full air-conditioning
Freezer:	18 M <sup>3</sup>
Cooler:	18 M <sup>3</sup>
Dry PROV.:	18 M <sup>3</sup>