

**M/V HUA YUE
6,000BHP AHTS**



REGISTRATION

Flag:	Liberia
Home Port:	Monrovia
Builder:	Hu Dong Shipyard, Shanghai
Year Built:	Oct-84
Classification:	H CSA 5/5 Tug/Supply Vessel H CSM AUT-O
Call Sign:	E L P W 3
Inmarsat-C Terminal ID No.:	463668850, Answerback: HYUE
Hull Number:	1145
Sailing Area:	World-wide
Official Number:	9882

DIMENSIONS

Length Overall:	60.85 M
Length (PP):	54.00 M
Breadth Moulded:	13.00 M
Depth Moulded:	6.20 M
Draft Loaded:	5.06 M (Summer Draft)
Draft Light:	3.12 M
Freeboard:	1.14 M (In Summer Draft)

TONNAGE

Disp. Load:	2499 Tons
Disp. Light:	1336 Tons
Gross Tonnage:	1252 Tons
Net Tonnage:	375 Tons
Dead Weight:	1164 Tons
Light Weight:	1325 Tons

DECK CAPACITIES	
Deck Area (Clear):	30 M x 10 M
Crash Rail:	1.80 M
Deck Cargo:	500 Tones
Deck Strength:	5 T/M ²
DECK EQUIPMENT	
Anchor:	3 x 1440KG Stockless HHP
Anchor Chain:	Dia.36MM, U2 450M
Windlass:	Norwinch AV39/44 - 36V2/2T
Tugger:	2 Sets: Norwinch LV-10 SPEC
Capstan:	2 Sets: Norwinch C-9, Hauling Capacity: 10 T
Hyd. Crane:	Elect. Crane, 1.5 Tons x 7.0M
TANK CAPACITY	
Fuel:	547 M ³
P. Water:	234 M ³
D. Water:	525.4 M ³
Lub Oil:	17.0 M ³
Bulk:	4 x 42.5 M ³ , total: 170 M ³
Liquid Mud:	Nil
TRANSFER RATES	
Fuel Oil:	100 M ³ /hr
P. Water:	100 M ³ /hr
D. Water:	100 M ³ /hr
Bulk:	80 p.s.i, about 80 T/hr
Liquid Mud:	N/A
MACHINERY	
Main Engine:	4 Sets, M.A.N. 12V 20-27 Diesel Engines
Horse Power:	4 x 1,500BHP, Total 6,000BHP
Bollard Pull:	52 Tons
Propeller:	2 CPP Propellers in Kort Nozzles
Auxiliary:	2 Sets: M.A.N. - 38W 5L-20/27 563HP
Generator:	2 x 245KW, 440V/60 HZ/3 Phase (Diesel)
	2 x 245KW, 440V/60 HZ/3 Phase (Saft)
	Total: 980 KW
Thrusters:	1 Bow Thruster: 1 x 564 HP, 6.25 Tons
Control:	C.P.P.
SPEED & CONSUMPTION	
Maximum:	14.5 knots 18 Tons/day
Economical:	12.0 Knots 9.8 Tons/day
In Port:	0.6 Tons/day

TOWING/ANCHOR HANDLING	
Winch:	Norwinch 2S-180-2T; water fall type double drum
Tow Line:	Main Dia. 61mm x 800M / spare Dia. 57mm x 1000M
Anchor Handling Wire:	Dia. 57MM x 150M
Pennant:	2 Sets: Dia. 57MM x 20M
Towing Fairlead:	Nil.
Shackle:	4 x 85 Tons; 6 x 55 Tons; 8 x 35 Tons
Shark Jaw:	Standard Karm Fork, SWL: 500 Tons
Towing Pins:	SWL: 500 Tons
Nylon Stretcher:	2 x dia. 10" x 50 M
Stern Roller:	Dia. 2.0 M x 4.8 M
NAVIGATION/COMMUNICATION	
Gyro Compass:	Tokyo Keiki Type: ES-11A
Magnetic Compass:	C-Plath
Auto Pilot:	Tokyo Keiki Type: PR-2064-E-V2
Echo Sounder:	FURUNO FE502
Radar:	1 x FURUNO Type: FR-1011 / 3 Kw 1 x Racal Deca Type: Bridge Master CA-181
Direction Finder:	FURUNO Type: FD120B
Log:	FURUNO Type: MF-220-2
Windicator:	1 Set
Satellite Navigation:	FUNURO GP-50
GMDSS:	SKANTI COMBRIDGE 9500, 500W for A3 Operation. Installed: August 1997.
SSB:	1 x JSB -410, 400W
VHF:	2 Sets
Receiver:	JRC NRD-72
Portable VHF:	3 x VHF Marine Radio Model: HX238S(EB)
SAFETY EQUIPMENT	
Ring Buoy:	8
Life Jacket:	50
Life Raft:	4 x 20 persons
Life Boat:	1 x Rescue boat, 6 persons, engine outboard
FiFi:	1 fire fighting pump Type: FB2H-250-2 with 600M3/hr capacity 2 monitors on top of the bridge Made by: Naniwa Pump MFG. Co. Ltd.
Antipollution:	2 x Oil dispersant system; 1 boom on each side with 5 spray nozzles
Emergency Radio:	1 x JSL-5, 50W
Emergency Life Buoy Marker:	Yes
Radio Distress Transmitter:	KSNAD 406FH, France
PROVISION	
Freezer:	18 M ³
Refrigerator:	2 Sets: RSK-5F, 2100Kcal/hr
Birthing:	28 with full air conditioning

CONNECTIONS:	
Fuel:	WECO Couplings 4"
Water:	WECO Couplings 4"
Bulk:	WECO Couplings 4"