

**M/V HUA TONG
7,200BHP AHTS**



REGISTRATION

Flag:	Liberia
Registered Port:	Monrovia
Builder:	STOCZNIA SZCZECINSKA, A.S.
Year Built:	1993
Classification:	H CSA 5/5 offshore tug/supply ship Ice class B H CSM Aut-0
Call Sign:	E L P Z 9
Hull Number:	B92-II/222
Sailing Area:	World-wide
Official Number:	9912

DIMENSIONS

Length Overall:	81.37 M
Length Bp:	71.45 M
Breadth Moulded:	15.96 M
Depth Moulded:	7.20 M
Draft Summer:	4.90 M
Freeboard:	2.0 M (In Summer Draft)

TONNAGE

Gross Tonnage:	2723 Tons
Net Tonnage:	817 Tons
Dead Weight:	1750 Tons

DECK CAPACITIES	
Deck Area (Clear):	12 M x 40 M
Crash Rail:	1.80 M
Deck Cargo:	600 Tones
Deck Strength:	5 T/M ²
DECK EQUIPMENT	
Anchor:	3 x 2500KG
Anchor Chain:	Dia. 40MM, 550M, 20 M/min.
Windlass:	Type: WKS4
Tugger:	1 Sets on port side: Type UP50BP083, 5 Tons
Capstan:	2 Sets: UP50BP083, 5 Tons
Hyd. Crane:	Electro/hydraulic Crane, 5 tons 8 M; 2.5 tons - 14 M.
TANK CAPACITY	
P. Water:	315 M ³
D. Water:	1040 M ³
Fuel oil:	650 M ³
Bulk:	164 M ³ in 4 tanks
Liquid Mud :	Nil
TRANSFER RATES	
P. Water:	100 M ³ /hr at 65 M head
D. Water:	100 M ³ /hr at 65 M head
Fuel Oil:	70 M ³ /hr at 65 M head
Bulk:	2 Sets Air compressors each 14 M ³ /min at 0.35 MPA
MACHINERY	
Main Engine:	2 Sets, Sulzer 6ZL 40/48
Horse Power:	2 x 3,600BHP, Total 7,200BHP
Bollard Pull:	89 Tons at 110% ME output (2 x 2920Kw) 83 Tons at 100% ME output (2 x 2650Kw)
Propeller:	2 CPP Propellers in Kort Nozzles
Auxiliary:	3 Sets, Sulzer 6AL 20/24, 570HP each
Generator:	3 x 420KW, 420V/50 HZ/3 Phase 1 x 90KW, 420V/50 HZ/3 Phase (Emergency) Total: 1350 KW
Thrusters:	2 Bow Thruster x 6.12 Tons each (2 nd Bow Thruster installed in Jan. 2001)
Control:	C.P.P., control on bridge
SPEED & CONSUMPTION	
Maximum:	14.5 knots 15 Tons/day
Economical:	11.5 Knots 10 Tons/day
Cruising:	8 Knots
In Port:	0.7 Tons/day
Range:	30 days

NAVIGATION/COMMUNICATION	
Gyro Compass:	VEGA-M
Magnetic Compass:	CLEPAHO 52N-7
Auto Pilot:	PZL
Echo Sounder:	PRNsOR 4
Radar:	2 x NAYADA-5 HELPMATE
Loran C:	Nil
Direction Finder:	RHUMB
Log:	IEL-2M
Facsimile:	Nil
Windicator:	1 Set
Satellite Navigation:	SHIPMATE R8 5510
SSB:	FURUNO
VHF:	1 Sailor Compact RT2048, 1x Raytheon Ray-80
Communication:	Yes
Receiver:	R132 WATCH-KEEPING
Portable VHF:	3 x VHF Marine Radio Model: HX238S(EB)
Navitex:	Lo-KATA
SAFETY EQUIPMENT	
Ring Buoy:	8
Life Jacket:	50
Life Raft:	7 x 10 persons
Life Boat:	1 x Rescue boat, 6 persons; 1 x Life boat, 20 persons
FiFi:	2 fire fighting pump with 4 monitors on top of the bridge with 300M ³ /hr capacity
Antipollution:	2 x Oil dispersant system; 1 boom on each side with 5 spray nozzles
Emergency Radio:	Yes
Emergency Life Buoy Marker:	Yes
Radio Distress Transmitter:	2 x RESCUER
TOWING/ANCHOR HANDLING	
Winch:	HD-150 A0101, SWL: 150 Tons
Tow Line:	Dia. 60 MM x 1000 M
Anchor Handling Wire:	Dia. 60 MM x 150 M
Pennant:	2 Sets: Dia. 60 MM x 20 M
Towing Fairlead:	Yes.
Shackle:	4 x 85 Tons; 6 x 55 Tons; 8 x 35 Tons
Shark Jaw:	Nil
Towing Pins:	SWL: 250 Tons
Nylon Stretcher:	2 x dia. 10" x 50 M
Stern Roller:	Dia. 1.83 M x 3.6 M
PROVISION	
Freezer:	Total: 40 M ³
Refrigerator:	2 Sets
Accommodations:	62 berths in total

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