

M/V HUA QUAN
7,520BHP

**REGISTRATION**

Flag:	Liberia
Home Port:	Monrovia
Builder:	Marystown Shipyard, Marystown, NFLD
Year Built:	1984
Classification:	CCS *CSA 5/5 Offshore Tug/Supply Ship, Fire Fighter 1, Ici Class 3 CSM
Call Sign:	ELYP6
Official Number:	11361
IMO Number:	8222109
Imarsat C:	463684562
Sailing Area:	World-wide

DIMENSIONS

Length Overall:	64.00 M
Length P.P.:	56.40 M
Breadth Moulded:	13.80 M
Depth Moulded:	6.9 M
Draft Summer:	6.0 M
Displacement:	2,952 Tons
Freeboard:	0.9 M (In Summer Draft)

TONNAGE

Gross Tonnage:	1,546 Tons
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Net Tonnage:	463 Tons
Dead Weight:	1,413 Tons
DECK CAPACITIES	
Deck Area (Clear):	11 M x 17 M = 187 M ²
Crash Rail:	1.7 M
Deck Cargo:	935 Tones
Deck Strength:	5 T/M ²
DECK EQUIPMENT	
Anchor:	0.9 Tons x 2
Anchor Chain:	Dia. 34 MM, 508 M each x 2
Windlass:	Hydraulic
Tugger Winch:	20 Tons (Elec.)
Capstan:	5 Tons x 2 (Hydraulic)
Crane:	Hydraulic, 5 Tons x 12 M x 2
Stern Roller:	Dia. 1.83 M x 3.66 M, SWL 250 tons
Towing Hook:	60 Tons; Remote Control.
TANK CAPACITY	
Fuel oil:	831 M ³ MGO
P. Water:	144.7 M ³
Ballast/Drilling Water:	730.27 M ³
TRANSFER RATES	
Fuel Oil:	109 M ³ /hr at 70 m head
P. Water:	100 M ³ /hr at 60 m head
D. Water:	100 M ³ /hr at 70 m head
MACHINERY	
Main Engine:	Main B&W, Alpha Diesel x 2 set
Type/Horse Power:	14U28L-VO; 7,520BHP
Propeller:	2 x CPP Propellers in Kort Nozzles
Auxiliary:	2 sets: 2 x 400 BHP
Generator:	2 sets x 275kW
Shaft Generator	Type: MPM 500-21, out put 840 KVA x 2
Emergency Generator	Type: ULSTEIN 90 TV-A, out put 7.5 KW x 1
Bow Thruster:	500 BHP, 5 Tons
Joy Stick	ULSTEIN 6065
SPEED & CONSUMPTION	
Maximum:	15.2 knots 23 Tons/day
Economical:	12.5 knots 12 Tons/day
In Port:	0.6 Tons/day
NAVIGATION/COMMUNICATION	
Gyro Compass:	1 x SPERRY MK37

Auto Pilot:	1 x SPERRY
Echo Sounder:	1 x DECCA SPERRY
Radar:	1 x Sperry BM2; 1 x Decca Bridge Master MK127E
Log:	1 x SPERRY
Satellite Navigation:	1 x GPS RAYTHEON
GMDSS:	1 x LMS Programme 4000 console
SSB:	1 x SPERRY HC 4500
VHF:	2 x Sailor RT144AC; 1 x Sperry RT4822
SAFETY EQUIPMENT	
Ring Buoys:	10
Life Jackets:	100
Thermal Protective aids:	60
Life Raft:	8 x 20 persons + 2 x 10 persons
Rescue Boat:	1 x 6 persons, Engine 150 BHP
Rescue Net:	One rescue net on each side of the vessel.
Anti-pollution:	Oil Dispersant system: 1 boom on each side with 5 spray nozzles & one line proportion capable of 700 L/Min./2600ms.
	1 x Seawater pump capable of 100 cu.m/h at 7 bars.
Emergency Radio:	1 x SKANTI TRP1
EPIRB	1 x KANNAD 406WH
FIRE FIGHTING EQUIPMENT	
Pump Capacity:	FIFI I, 2 monitors x 1200 M ³ /hr, total 2400 M ³ /hr.
Foam Mixture Capacity:	80 M ³ /hr.
Monitor:	2 x 1200 M ³ /hr with remote Joystick control
PROVISION	
Accommodations:	6 x Single Rooms, 11 x Double Bunk Rooms, 4 x 4 Bunk Rooms, 2 x 8 Bunk Rooms.
	Total 60 beds. Full air-conditioning
Galley Capacity:	60 persons.