

MOTOR TUG SHAHRAZAD ANCHOR HANDLING, TOWING SUPPLY TUG



Characteristics	Meters	Feet
Length, Overall	56.43	185.4
Beam	12.5	41
Depth	4.8	15.9
Maximum draft	4.27	14
Displacement	1819 Tons	
Deadweight	1069 Tons	
Deck-space	92 Ft. 5 In.X 32 Ft. 8 In. 29X10 M	
GRT / NRT	796/254	

Machinery

Main Engines	(2) Allen 12 PVBCS - 12P 2 X 2,500 HP, Total : 5,000 HP
Gears	2 Lohmann X Stoiterforth 2.54 : 1
Propellers	2 X Solid Manganese Bronze 4 Blades in Fixed Kort Nozzles
Bow Thruster	Jastrum Type 04 Diesel GM 12 V-71, 400 HP
Generators	GM 12 V-71 1 X Emergency
Voltage	440 Volts, 60 HTz
Electric output	3 X 250 KW A/C DELCO 1 X 20 KW Stamford

Towing and Mooring Equipment

Winch	Ijsselwerf L 106/2 double drum/Water-fall
Power	Hydraulic
Capacity	Main Tow line Length : 3000 Ft; Dia : 2.2" Wire rope Spare Wire Length : 1500 Ft; Dia : 2.2" Wire Rope

Stern roller	1.5 M Dia X 5 M Length, Capacity : 140 Tons
Windlass	Hydraulic 30 HP
Tugger winch	1 X 3 Tons Port, 1 X 3 Tons Starboard
Anchors	2 X Bower; 1,020 KG Each
Anchor Chain	2 X 285 M; 28 MM

Performance

Bollard Pull	45.2 Tons
Speed	10 Knots on 10 Tons
Transfer rates	Fuel Oil 88 M ³ /HR at 200 Ft. Potable water 88 M ³ /HR at 200 Ft. Drill water 88 M ³ /HR at 200 Ft. Bulk 30 M ³ /HR at 200 Ft.

Capacities

Deck cargo	500 M.Tons
Fuel oil	530 M.Tons
Lube oil	3.5 M.Tons
Potable water	179 M.Tons
Drill water	300 M.Tons
Cement/Mud	105 M.Tons Halliburton Tanks (3)
Walk-in cooler	7.1 CBM, 250 CFT
Walk-in freezer	7.1 CBM, 250 CFT

Accommodation

Staterooms / Berths	2 X 1; 2 X 2; 3 X 3; 3 X 9. Total : 42
Galley	All electric
Certified to carry	42
Climate control	Central
Sewage Treatment	30 persons



Bridge & Navigation Equipment

Bridge	Panoramic
Controls	For engines, bow thruster
Number	2, inside wheelhouse and wheelhouse aft deck
Autopilot	1 Decca Pilot 550
Gyrocompass	1 Arma Brown
Navigation aid	1 GPS Furuno GP-70
Fathometer	1 Kelvin Hughes Model 7
Navtex	1 Furuno NX 500
Radar(s)	1 Decca RM 1212 6C, 1 Furuno FR 1510 DA
Radios	VHF 1 Scanti, 1 Sailor SSB 1 ICOM 700, Receiver Sait MT 1605 Watch Receiver (Eddy-Stone) EC 10
SSAS	Polestar UK DSAS-L
AIS	Nautical X Pack

Registration

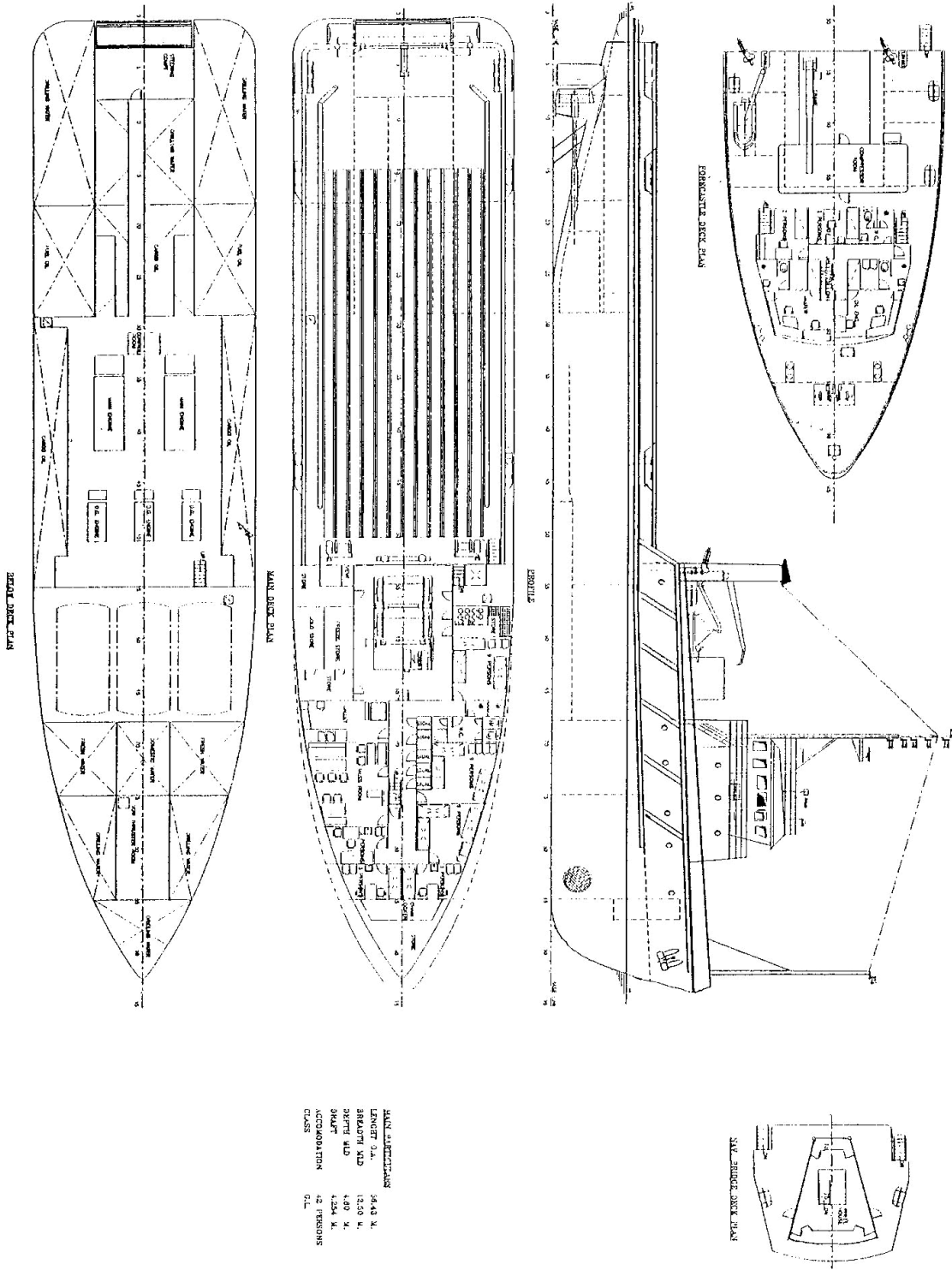
Flag	United Arab Emirates
Port of Registry	Sharjah
Official No	UAE /SHJ/2949
Call Sign	A6E 2360
IMO No	7230161
MMSI No	470540000
Builder	Jonker & Stans, Holland
Year Built	1972
Class	BV
Gross Tonnage	796
Net Tonnage	254

Special Equipment

Crane	1 x 7 Tons, Hydraulic
FIFI	2 Monitors, 750 M ³ /HR



GENERAL ARRANGEMENT PLAN - M.V. SHAHRAZAD



MAIN DIMENSIONS	
LENGTH O.A.	34.43 M.
BREADTH M.D.	12.50 M.
DEPTH M.D.	4.80 M.
DRAUGHT	4.234 M.
ACCOMMODATION	42 PERSONS
CLASS	G.L.L.

