

Security Boat
M/V "Fraih Al Fraih"

PRINCIPAL PARTICULARS

Length Overall Moulded 31.0 M
 Breadth Moulded 7.32 M
 Depth Moulded 3.51 M
 Draft Maximum 1.60 M
 Built October 1995 USA
 Gross Tonnage 135 tons
 Net Tonnage 40 tons
 Deck Load Capacity 1 metric ton
 Call Sign Not Applicable
 Classification ABS
 Notation + A1
 of Classification + AMS
 Flag Kuwait
 Bow Thruster No

PERFORMANCE

Minimum Speed (Full Loaded) 21 knots
 Economical Speed 20 knots
 Type of Fuel MOD
 Fuel Consumption Maximum Speed at 100% MCR 90 USG/hr
 & Service Speed at CSR 80 USG/hr
 Endurance In port with one Generator 2 USG/hr
 Endurance/service speed CSR 975 miles

CARGO CAPACITIES

Fuel Oil 3900 USG
 Fresh Water 1500 USG
 Ballast Water Tank Nil
 Cold Store 1 Cub. Meter
 Frozen Store 1 Cub. Meter

PUMPS

Bilge / Fire / Ballast System 3 Nos.
 Fuel Pump 1 No.

PROPULSION SYSTEM

Main Engines 2 Sets 16V92 TA-DDEC (Detroit Diesel)
 Total B.H.P 2200
 Generators 2 Sets Detroit Diesel
 Perkins 4.236
 Propeller 2 Nos.

Deck Equipment

Anchor 1 No. (Danforth High Holding 110 Pounds)
 Anchor Capstan 1 No. Electric Driven (220V)

ACCOMMODATION

Crew 9
 Security Peronnel 4
 Total Berths 13
 Passenger Capacity 6 (Seated)
 All cabins are fully airconditioned

RADIO & NAVIGATION EQUIPMENT

GMDSS A1
 VHF Radio 1 Set
 Radar 1 Set
 Echo Sounder 1 Set
 Magnet Compass 1 Set
 DGPS 1 set
 Gyrocompass Nil
 EPIRB Class / Solas Yes
 Clear View Screen 2 Sets

FIRE FIGHTING & LIFE SAVING EQUIPMENT

Fire Monitor 1 Set
 Fire Pump 1 No.(60 cub.Mtrs /hr)
 Built-in CO₂ EXT. System Yes
 Life Raft 2 x 15 Men Capacity
 Life Jackets 18 Pcs
 Emergency Lighting System Yes
 One Inflatable Boat (4.72 M) 1 No.

MISCELLANEOUS

Search Light (Forward) 1 Set (1.0kw)
 Search Light (Afterward) 1 Set (1.0kw)
 Search Light Portable 1 Set (500w)
 Binocular Telescope 1 Set (25 x 150mm)
 Cargo Light for Aft Deck Yes
 Public Address System Yes
 Auto Pilot No
 Motor Siren or Air Horn Yes
 Walkie- Talkie Yes
 Patrol Light Yes
 Video Camera (8mm or Digital) 1 Set
 G.P.S System 1 No.
 Rudder Angle Indicator 1 No.
 Depth Recorder 1 No.
 Wind Indicator 1 No.

