Crew Boat
M/V. Fraih -2

PRINCIPAL PARTICULARS

Length Overall	30.5 meter.
Length WL	28.8.Meters
Breadth Moulded	7.50 meter.
Depth Moulded	3.50 meter.
Built	June 2004
Class	B.V
Notation /	BV# Hull 0 Mach. Light ship.
Classification	Fast crew boat # Tropical Arabian gulf
Flag	Kuwait
Call Sign	Nil

PERFORMANCE

Maximum Speed	18 Knots
Economical Speed	17 Knots
Type of Fuel	MOD
Fuel Consumption	Max. Speed at 100% MCR 123 USG per/hr
	Service Speed at CSR 110 USG per hour
	In port with one Generator 4 USG per hour
	Endurance with service speed CSR 730 miles
Bollard Pull	No

CARGO CAPACITIES

Deadweight	At summer load time - 70 metric ton
Fuel Oil	4000 USG (18 Cub. Meter)
Fresh Water	2500 USG (10 Cub. Meter)
Ballast/Drill Water	N/A
Cold Store	4 Cub.Meter
Frozen Store	2 Cub. Meter

PUMPS

Fuel Oil	1 No.
Fresh Water	1 No.GMP /B1KQ A/B (0.5 HP)
Bilge Pump	1 No.GMP/B2 (2 hp)

PROPULSION SYSTEM

Main Engines	2 Sets Cummins KTA 38 M2
	Total BHP = 2600
Gear Box	2 Nos. ZF 4540
Main Generators	2 Sets Parkins
	PE66-T4-236
Alternator	2 Nos. Stamford
Emergency Generator	Nil
Shaft Alternator	Nil
Bow Thruster	Nil
Stern Thruster	Nil
Steering Gear	1 No.(Seaspray UAE)
Propulsion	2 Nos, Fixed Pitch propellers
Rudders	Yes (Seaspray UAE)

Deck Equipment

Anchor	1 No. 105kg Super high holding Anchor
	90 Meters of galvanized chain
Anchor Windlass	Electro/ hydraulic 220 Volt
Anchor Winch	1 No. RIV 125 VO2A

ACCOMMODATION

Berth	8
Passengers	24

All cabins are fully airconditioned

RADIO & NAVIGATION EQUIPMENT

GMDSS	(A1)
SSB	Nil
Inmarsat C	Nil
VHF Radio	2x RT 4822(SAILOR) 25W
VHF Radio Antenna	4 Nos. AC Marine. CAT CX4
Radar	1No. JRC - JMA 3253
Vessel Whistle Antenna	1No. Marco ELE/80596/02
Echo Sounder	1No. LS-6000 (Furuno)
Repeater of Echo Sounder	1 No.Furuno - RD-30
GPS Navigation System	1No.md MX521 Zener
GPS Scanner	1No. Lecia, MX420 (Zener)
Navigational Lights	1 Complete Set
Navtex Receiver	1 No. NT- 900 Zener
EPIRB	1 No.Samyoung Radio Co., SM- 511
Radar Transponder	1 No. Taiyo Musen Co. , TBR-600A
Radar Scanner	2 Nos. NKE-1047 Zener
Gyrocompass	Nil
Autopilot	No
Magnetic Compass	1No.Danforth Express
Phonteck Intercom System	1 No. CIS-3100 Zener
Clear View Screen	1 No. Speich SLR
Portable VHF (walky talky)	Icom/ IC-GM 1500E Zener

FIRE FIGHTING & ANTI-POLLUTION EQUIPMENT

External Fire Pump	1 No. (Capacity 60 cub.meter per hour)
Monitors	One
Oil Dispersant System	Nil
CO2 system in the engine room	Yes (Seaspray UAE)
Smoke Detector	1 No. Secure/ ZT600
Portable Fire Pump	1 No. Yanmar YDP 20B

Fire Detection & Alarm System in living spaces & engine room

MISCELLANEOUS

Search Lights	1 Set (1.0kw)
Liferafts	4 x 25 Men Capacity ZMEC25
Rescue boat	Nil
Oily Water Separator	1 No. OWS 2.2 USA
Water maker	Nil
Sewage Treatment Plant	Yes
Flood Deck Light	9 Nos. 24V DC Jabsco