
Mooring Boat
M/V "Fraih - 7"

PRINCIPAL PARTICULARS

Length Overall	24.00 meters
Breadth Moulded	7.00 meters
Depth Moulded	3.40 meter
Draught	2.10 Meters
Built	August 2005
Gross Tonnage	85 Tons
Net Tonnage	30 Tons
Class	B.V
Notation /	
Classification	1 + Hull. Mach - Mooring Boat
Flag	Kuwait
Bollard pull	12 tons

PERFORMANCE

Maximum Speed	11.5 Knots
Economical Speed	11 Knots
Type of Fuel	MOD
Fuel Consumption	Maximum Speed at 100% - 77.50 USG/hr Service Speed at CSR - 69.90USG/hr In port with one Generator - 2.70 USG/hr Endurance/service speed - CSR 500 miles

CARGO CAPACITIES

Deck Load Capacity	2 Metric Ton per Sq. Meter
Fuel Oil	3500 USG
Fresh Water	300 USG
Ballast Water Tank	3800 USG
Lub Oil	55 USG
Hydraulic Oil	55 USG
Black Water	200 USG
Grey Water	200 USG
Sludge Tank	300 USG
Cold Store	1 cub. Meter
Frozen Store	1 cub. Meter

PUMPS

Fire Pump	1x 28m ^{3/h} @42m head
Emergency Fire Pump	1x 25m ^{3/h} @42m head-diesel driven
Bilge & GS Pump	2x 15m ^{3/h} @30m head
Oily Water Separator	1 x 0.5m ^{3/h}
Sludge Pump	1x 1m ^{3/h} @ 4 bar
Sewage Pump	2x 1m ^{3/h} @15m head
Hydrophore Set	1x 1.6m ^{3/h} @30m head with 110 ltr
Calorifier	1x 110ltr capacity

PROPULSION SYSTEM

Main Engines	2 Sets CAT 3412C TA "B" Rating Total B.H.P = 1440
Main Generators	2 Sets - CAT 3054
Shaft/ Propeller	Fixed pitch Propeller
Steering System	1x Electro-hydraulic Steering System

ACCOMMODATION

Berth	9 Persons
Room for Company Staff	Yes
All cabins are fully airconditioned	

RADIO & NAVIGATION EQUIPMENT

GMDSS	A1
SSB Radio	1Set
VHF Radio	1
Radar (48 NM)	1
Echo Sounder	1
DGPS	1
Gyrocompass	Nil
SART Transponder	2
EP1RB	1
Clear View Screen	2

FIRE FIGHTING EQUIPMENT & LIFE SAVING EQUIPMENT

Fire Alarm & Detection Sysem	1
Fixed CO ₂ EXT. System. (E/R)	1
Portable CO ₂ 9L	3
General Alarm System	1
Bilge Alarm System	1
Life Raft	2 x 15 persons Capacity
Life Jackets	17
Life buoy with line	2
Life buoy with self igniting light	2
Life buoy with self igniting light	2
Line Throwing Gun	1

MISCELLANEOUS

Search Light (Forward)	1Set (1.0kw)
Search Light (Afterward)	1Set (1.0kw)
Cargo Light for Aft Deck	Yes
Oily Water Separator	1x 0.5m ³ /h
Public Address System	1
Electric Horn	1
Hand held VHF	2
Loud Hailer	1
Emergency Lighting System	1
Transformer	2

Deck Equipment

Anchor Windlass	1x Anchor Windlass
Stockless Anchors	2x 160 kg

Mooring Equipment

Double mooring Bitts	4 Nos.
Single mooring Bitts	2 Nos.
Anchor Chain	2
Tow Line	1
Mooring Line	2

