

PRINCIPAL PARTICULARS

Length Moulded	: 50.0 meters
Breadth Moulded	: 18.0 meters
Depth Moulded	: 5.0 meters
Draft Designed	: 2.5 meters
Deck Height	
Main Deck - 1 st Deck	: 2.80 meters
1st Deck - 2 nd Deck	: 2.80 meters
2nd Deck - Control room top	: 2.80 meters
Open Deck Space	: Total open deck area 324 sq.m : Wooden Deck Area 200sq.m : 5x 7 meter flat open deck for crane
Class	: ABS
Notation / Classification	: ABS + A1 without E Barge
Date and Place Built	: 1984 MODEC , Japan

MACHINERY

Main Generators	2 Nos. Yanmar, S-185L UT. 450 KVA Vertical ,single acting, 4-cycle, direct injection, water cooled , turbo-charged diesel engine
Air Compressor	5 Sets (Blasting & Painting Purpose) 2 Sets (Blaster Air Breathing System)
Air Dryer	2 Sets Radiator Type
Air Receiver	2 Sets (140 cfm at 100 psi)

MISCELLANEOUS

Oily Bilge Seperator	Yes
Sewage Treatment Unit	Yes
Oil Dispensing Unit	1 Unit
Sand Blasting Outfit	6 Sets
Sand Dryer	2 Sets (Capacity 3.6 Tons Per Hour)
Air Hoist	1 Unit (Single Drum 2 Tons Capacity)
Airless Spray Outfit	6 Units
Air Spray Outfit	4 Units
Paint Mixer	4 Sets
Airconditioning Unit	2 Sets
Welding Machine	2 Sets
Photocopy Machine	1 Set
Fuel Oil Transfer Pump	2 Sets
Cooling Sea Water Pump	2 Sets
Sump Pump	3 Sets (2 for Sewage & 1 for Drain)
Oily Bilge Pump	1 Set
Bilge & Ballast Fire Pump	2 Sets

DECK EQUIPMENT

Anchor	4 Sets (Each 3 Tons)
Mooring Winches	4 Nos.
Deck Crane	1 No. Revolving type Derrick Crane Electro -Hydraulic Drive 30/10 ton x 3x 3/10 m

RADIO , NAVIGATION & COMMUNICATION EQUIPMENT

Radar	1 Set
Lighting System	2 Units of 1,000 W (Open Deck)
VHF Radiotelephone	FM-60B (International)
VHF Radiotelephone	FM-250H (Private)
International telephone	Yes
Echo Sounder	F- 851T-1
Gyro Compass	Yes
Wind Indicator	Wall Type
VHF handy talky (portable)	6 Nos. JHV-647T
Watch Keeping Receiver	AA-821
Lifeboat radio telephone	TRP-1
SSB radio telephone	TRP- 5000 (400W)
Hydrographic Survey Equipment	1 Complete Set
Public Addressor	1 Set
Flood Lights	6 Sets 400w (mercury naper lamp)

FIRE FIGHTING & LIFE SAVING EQUIPMENT

Fire Pump	2 Nos.
Fixed Fire Fighting System	Yes
Portable Fire Extinguishers	26 Nos.
General Alarm System	1 Set
Life Rafts	4 Nos.
Rescue Boat	1No.

CARGO CAPACITIES / TANK CAPACITIES

Fuel Oil Tank	1 No. (About 2 m ³)
Lube Oil Storage Tank	1 No. (About 1 m ³)
Dirty Oil Tank	1 No. (About 1 m ³)
Hydraulic Oil Tank	2 Nos. (About 1 m ³)
Sewage Sump Tank	1 No. (About 5 m ³)
Drain Sump Tank	1 No. (About 5 m ³)
Fresh Water Tank	1 m ³
Ballast Water Tank	850 m ³
Sand Storage Containers	1 No. (Capacity 140 cu.M) 1No. (Capacity 30 cu.M) 1No. (Capacity 40 cu.M) of Dry Sand Tank

ACCOMMODATION

Total	60 Persons
All cabins are fully airconditioned	

EQUIPMENT AT SHORE BASE

1 Set Sand Screening Device
1 Set Belt Conveyor - Electric Type
1 Truck (Capacity 6 Tons)
1 Truck (Capacity 1.5 Tons)
1 Winch Truck (Lift Capacity 2 Tons)
1 Fork Lift (Lifting Capacity 2 Tons)

