



### Main Data

Overall Length	: 111.25 m
Breadth Moulded	: 28.04 m
Draft	: 4.30 m
Depth Moulded	: 6.93 m
GRT / NRT (MT)	: 8402 / 2521
DWT	: 6800 MT
Displacement	: 11,000 MT

### Capacities

Cargo Deck Area	: 1,400 m <sup>2</sup> (include 100m <sup>2</sup> sheltered)
Deck Capacity	: 3250MT
Cargo Deck Load	: 15 T/m <sup>2</sup>
Fuel Tank	: 728 m <sup>3</sup>
Fresh Water	: 2,330 m <sup>3</sup>
Ballast Water	: 4,220 m <sup>3</sup>
Water Makers	: 1 x 80 T + 2 x 40 T

### Accommodation / Spaces

1 <sup>st</sup> Floor Deck	: 2 x 2 men, 7 x 4 men
2 <sup>nd</sup> Floor Deck	: 6 x 1 man, 13 x 2 men, 19 x 4 men
3 <sup>rd</sup> Floor Deck	: 8 x 1 man, 38 x 4 men
Total	= 300 men

### Other Facilities :

Meeting Room	Project office room
Workshop	Helideck Waiting Room
Prayer Room	Hospital & Dispensary
Gymnasium	TV/ Recreation Room
Phone booth	Aft Control Room
Sewage Treatment Pl	: 4 x 75 men capacity

Fully equipped Galley with 1 x 100m<sup>3</sup> Dry Storage space / 2 x 10 ft Freezers / 2 x 10 ft Chillers

### Navigation & Communication

VHF	: 2 x Furuno FM-8900
MF / HF	: 1 x Samyung SRG11500
2-way VHF	: 3 x Samyung STV-160
GPS Navigator	: 1 x Furuno GP-150
Gyro Compass	: 1 x Raytheon Anschutz, STD22
Digital gyro repeater	: 2 x JUNLU Type: D GR 502
SART	: 2 x AIS SART NAS-1000
EPIRB	: 1 x NEB- 1000
AIS/ GPS Plotter	: 1 x NSR Model: NAM-1000
Echo Sounder	: 1 x Furuno FE-700
Navtex receiver	: 1 x NSR Model: NVX-1000
Anemometer	: JUNLU type: AMC 728
Helicopter Comm Sys	: 1 x Icom A210 VHF Airband Transceiver 2 x Icom A6E Aviation P. Radio

(Communications equipment are for safety compliance and Owner's usage only)

### Life Saving Equipment

As per SOLAS Class Requirement

Life Rafts : 24 x 25-men  
Rescue Boat : 1 x 6 men

### Workshop / Storage

The vessel is equipped with a workshop and storage facility, suitable for carrying out minor maintenance & repair works and storage of essential spare parts.

### Systems

Fresh Water System  
Sea Water System  
Black & Grey Water System  
Fuel System  
Compressed Air System  
Fire Main System  
Control & Alarm System  
Fire, Smoke & Gas Detection System  
Navigation, Communication & Computer Systems  
Public Address Systems & Telecoms  
HVAC System  
Sprinkle System for accommodation space

### Discharge Rates

Fuel Oil : 150 m³/hr @ 60 m head  
Fresh Water : 150 m³/hr @ 60 m head  
Ballast Water : 130 m³/hr @ 30 m head  
Fire Pump : 60 m³/hr @ 80 m head  
GS/Fire Pump : 160 m³/hr @ 90 m head  
Emergency Fire pump : 42 m³/hr @ 64 m head (diesel drive)

### Machinery

Generator : 4 x 595 kW Mitsubishi Genset  
Emergency Geny : 1 x 99 kW Perkin Genset  
Air Compressor : 2 x 176 cfm

### Deck Equipment

Crane : 1 x 150 T; 50m Boom Length  
Aux Crane : 3 x 5 T @ 14 m Fixed Boom  
Mooring Winch : 8 x 80 T mooring winches  
Drum Capacity : 1,200 m x 52 mm wire  
Anchor : 8 x 7 T Delta Flipper  
Tugger Winch : 1 x 10 T  
Helideck : Sikorsky 76++/ equivalent