

## Principal Particulars

Registration & Classification	
Built Year / Builder	1976 / Selco Shipyard Pte. Ltd., Singapore
Flag / Registration Port	Indian / Mumbai
Classification	Indian Registrar of Shipping American Bureau of Shipping
Notation	Accommodation Work Barge
Official No. / Call Sign	M - 7621 / 8TBR

Physical Parameters		
Dimensions	Length	91.44 m
	Breadth	27.43 m
	Depth	6.10 m
	Draft	3.5 m
Tonnage	Gross / Net / Dwt	4779 T / 1434 T / 8991 T

## Facilities | Supply Capabilities | Mooring

Facilities (Living, Working & Other)		
Accommodation (Person)	100 Persons	
Client Office	1 no.	
Conference Room	1 no.	10 Persons Capacity
Radio Room	1 no.	
Control Room	1 no.	
Hospital	1 no.	2 Beds
Dinning Room (Officers)	1 no.	18 Persons Capacity
Mess Room (Crew)	2 nos.	75 Persons Capacity
Laundry Room	1 no.	
Recreation Room	1 no. (Officers) 1 no. (Common)	15 Persons Capacity 30 Persons Capacity
Gymnasium	1 no.	
Pantry Room	1 no.	
Dry Provision Room	1 no.	
Air Conditioning Unit	Centralized (3 nos. Compressor)	
Meat / Fish Chiller	50 m3	
Vegetable Freezer	50 m3	

Cargo Capacity		
Deck Space / Strength	Deck Area	1800 m2
	Deck Strength	15 T / m2
<b>Bulk Cargo</b>	<u>Storage Capacity</u>	<u>Discharge Capacity</u>
Fuel Oil	2 x 535 m3 Each	100 m3 / hr @ 30 m head
Fresh Water	4 x 504 m3 Each	60 m3 / hr @ 38 m head
Ballast Water	6 x 504m3 Each	120 m3 / hr @ 40 m head

Mooring System		
Mooring Points	8 nos.	
Winch Drum	4 nos. Double drum (Amcon 385)	Hydraulic, Waterfall Type
Winch Engine	2 nos. (Forward)	6 In-Line 71 Amcon:385 (220 HP)
	2nos. (Aft)	6 In-Line 71 Amcon:385 (220 HP)
Line Pull	40 T	
Brake Holding	100 T	
Anchor	8 nos.	6 T (Flipper Delta)
Anchor Wire	8 Coils, 38 mm SWR	1000 m (L)
Pennant Wire	8 nos., 38 mm SWR	120 m (L) Each
Anchor Marker Buoys	11 nos.	2 m (L) x 1.4 m (Dia)
Tugger Winch	2 nos.	3 T Capacity (Each)

Helideck		
Bell 412 or Equivalent	Length	19 m
	Breadth	19 m

## Machineries & Equipment

Generators		
Main Genset	3 nos., CAT 3412	Each 468 KVA 440 V, 3 Ph, 60 Hz
Emergency Genset	1 no., CAT 3306	150 KVA 440 V, 3 Ph, 60 Hz
Deck Genset	1 no., CAT 3412	738 KVA / 350 KVA, 440 V, 3 Ph, 60 Hz

Machineries & Equipment		
Air Compressor	1 no. Sullair-750	21 m3 /min @ 8.6 bar
	2 nos. Ingersollrand	
	1 no. Ingersollrand	
Fresh Water Maker	1 no. 30 T / Day	Reverse Osmosis Oasis Triplex

### Deck Crane

Manitowoc - 4600 Crawler Crane	Capacity	217 T
	Boom Length	150 Ft (46 m)
	Fly Jib	40 Ft (12 m)

Sewage Treatment Plant (10 me)

Oil Water Separator As Per Marpol Comply

IOPP Comply

Workshop 1 no.

### Others

#### Communication & Navigation System

GMDSS Set	Area Comprising A1, A2 & A3	
SSB Radio	3 nos.	Icom
Navtex Receiver	1 no.	Alden
Inmarsat C / F	2 nos.	Furuno FN8800S
VHF Air Band T'receiver	1 no.	Icom
VHF Radio (Fixed)	6 nos.	2 nos. Furuno 2 nos. Icom
Portable VHF Radio (GMDSS)	3 nos.	Icom
Portable Marine VHF	8 nos.	Motorola
Radios	2 nos.	Funuo
Intercom & PA System	Entire barge	Boss
Aero VHF	1 no.	Icom
Aero VHF (Hand Held)	1 no.	Icom
Satelite Phone, Fax & Email	One - Mini M	Sailor Thrane & Thrane
GPS	1 no.	Garmin
Magnetic Compass	1 no.	Kelvin & Hughes
Echo Sounder	1 no.	Garmin
Wind Dir. & Wind Speed Indicator	1 no.	Young
Anemometer & Clinometers	1 no.	Young

Barges also fitted with PA System, Intercom and CC TV Systems.

#### Safety (FFA & LSA)

##### FFA (As per Solas) :

Fire Pump	1 no. (Electric Driven)	150 m3 / hr @ 90 m head
Emergency Fire Pump	1 no. (Engine Driven)	240 m3 / hr @ 90 m head
Fixed Foam Fire Fighting Available	For Helideck	
Fire Monitors	2 nos.	125 m3 / hr @ 7 Bar
Fire Hydrants	23 nos.	As per FFA plan
Intl. Shore Connection	1 no.	As per FFA plan
General Alarm, Water Sprinklers, Smoke & Heat Detectors, Fire Extinguishers	Entire barge	

##### LSA (As per Solas) :

Rescue Boat	1 no. with outboard engine	6 Persons Cap.
Life Raft	3J nos. (30 men capacity)	Total Cap. 110 persons (4 @ sides)
Life Jackets	475 nos.	150% of the Maximum Approved POB
Life Buoys with Mob	2 nos.	Mounted as per LSA plan
Life Buoys with SI Light	4 nos	Mounted as per LSA plan
Life Buoys with Line	2 nos	Mounted as per LSA plan
Life Buoys	4 nos.	Mounted as per LSA plan
EPIRB	1 nos.	Saracom
SART	2 nos.	1 no. Saracom 1 no. MCMURDO
Line Throwing App.	1 Set Comprising of 4 Cartridges	Comet (pains wessex)