

## Principal Particulars

Registration & Classification	
Built Year / Builder	1978 / Chuan Hup Welding 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-7674 / 8TBP

Physical Parameters		
Dimensions	Length	85.34 m
	Breadth	20.12 m
	Depth	4.88 m
	Draft	3.5 m
Tonnage	Gross / Net / Dwt	3333 T / 1000 T / 6788 T

## Facilities | Supply Capabilities | Mooring

Facilities (Living, Working & Other)	
Accommodation	220 Persons
Client Office	1 no.
Radio Room	1 no.
Control Room	1 no
Hospital	1 no.                      Single Bed
Dinning Room (Officers)	1 no.                      16 Persons Capacity
Mess Room (Crew)	1 no.                      70 Persons Capacity
Laundry Room	1 no.
Recreation Room	1 no.                      60 Persons Capacity
Gymnasium	Available
Pantry Room	1 no.
Dry Provision Room	1 no.
Air Conditioning Unit	Centralized
Meat / Fish Chiller	47 m3
Vegetable Freezer	47 m3

Cargo Capacity		
<b>Deck Space / Strength</b>	Deck Area	750 m2
	Deck Strength	10 T / m2
<b>Bulk Cargo</b>	<u>Storage Capacity</u>	<u>Discharge Capacity</u>
Fuel Oil	688 m3	50 m3 / hr @ 45 m head
Fresh Water	900 m3	100 m3 / hr @ 30 m head
Ballast Water	1800 m3	145 m3 / hr @ 40 m head

Mooring System		
Mooring Points	8 nos.	
Winch Drum	4 nos. Double drum (Zicom make)	Hydraulic, Waterfall Type
Winch Engine	2 nos. (Forward)	GM (4.N71) 150 HP
	2 nos. (Aft)	GM (8V71) 200 HP
Line Pull	40 T	
Brake Holding	90 T	
Anchors	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	8 nos.	2 m (L) x 1.4 m (Dia)
Tugger Winch	2 nos.	5 T Capacity (Each)

Helideck		
Bell 412 or Equivalent	Length	18 m
	Breath	18 m

## Machineries & Equipment

Generators		
Main Genset	2 nos., CAT 3412	Each 468 KVA 415 V, 3 Ph, 50 Hz
Emergency Genset	1 no., Cummins KTA 19G2	365 KVA 440 V, 3 Ph, 60 / 50 Hz
Deck Genset	1 no., CAT 3412	500 KVA 415 V, 3 Ph, 50 Hz

Deck Crane	

Machineries & Equipment		
Air Compressor	1 no. Kirloskar	250 CFM @ 100 Psi
Fresh Water Maker	1 no. 30 T / Day	Reverse Osmosis Minneapolis.MN.USA
Sewage Treatment Plant	2 nos. x 110men	Hamworthy Super Trident
Oil Water Separator	As Per Marpol	Comply

American 9310 Crawler Crane	Capacity	205 T
	Boom Length	150 Ft (46 m)

IOPP	Comply
Workshop	1 no.

## Others

### Communication & Navigation System

GMDSS Set	Area Comprising A1, A2 & A3	
SSB Radio	2 nos.	1 no. Furuno 1 no. Icom
Navtex Receiver	1 no.	Furuno
Inmarsat C	2 nos.	Furuno Felcom 50
VHF Air Band T'receiver	1 no.	Icom
VHF Radio (Fixed)	4 nos.	2 nos. Furuno 2 nos. Icom
Portable VHF Radio (GMDSS)	2 nos.	Icom
Portable Marine VHF	6 nos.	Motorola C-328
Radios	1 no.	Funuro FS2570
Intercom & PA System	Entire barge	TOA
Aero VHF	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 and Intercom Telephones & CC TV Systems		

### Safety (FFA & LSA)

<b>FFA (As per Solas) :</b>		
Fire Pump	1 no. (Electric Driven)	180 m3 / hr @ 90 m head
Emergency Fire Pump	1 no. (Engine Driven)	145 m3 / hr @ 50 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	
<b>LSA (As per Solas) :</b>		
Rescue Boat	1 no. with outboard engine	6 Persons Cap.
Life Raft	30 nos. (15 / 20 / 25 men Cap.)	Total Cap. 660 persons (both sides)
Life Jackets	350 nos.	
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	6 nos	Mounted as per LSA plan
Life Buoys	3 nos	Mounted as per LSA plan
EPIRB	1 nos.	Saracom
SART	2 nos.	Jotron
Line Throwing App.	4 nos.	Comet (pains wessex)