

Principal Particulars

Registration & Classification	
Built Year / Builder	2001 / Labroy Marine, Singapore
Flag / Registration Port	Indian / Mumbai
Classification	Indian Registrar of Shipping Bureau Veritas
Notation	Accommodation Work Barge
Official No. / Call Sign	M - 7576 / 8TBQ

Physical Parameters		
Dimensions	Length	87.20 m
	Breadth	21.34 m
	Depth	4.90 m
	Draft	3.52 m
Tonnage	Gross / Net / Dwt	2984 T / 895 T / 3110.26 T

Facilities | Supply Capabilities | Mooring

Facilities (Living, Working & Other)		
Accommodation	300 Persons	
Client Office	1 no.	
Radio Room	1 no	
Control Room	1 no.	
Hospital	1 no.	2 Beds
Dinning Room (Officers)	1 no.	16 Persons Capacity
Mess Room (Crew)	1 no.	60 Pesons Capacity
Laundry Room	1 no.	
Recreation Room	1 no.	80 Persons Capacity
Gymnasium	1 no.	
Pantry Room	1 no.	
Dry Provision Room	2 nos.	
Air Conditioning Unit	Centralized	
Meat / Fish Chiller	30 m3	
Vegetable Freezer	30 m3	

Cargo Capacity		
Deck Space / Strength	Deck Area	750 m2
	Deck Strength	10 T / m2
Bulk Cargo	<u>Storage Capacity</u>	<u>Discharge Capacity</u>
Fuel Oil	400 m3	25 m3 / Hr @ 20 m head.
Fresh Water	1200 m3	50 m3 / Hr @ 50 m head
Ballast Water	1378 m3	140 m3 / Hr, @ 30 m head
Mooring System		
Mooring Points	8 nos.	
Winch Drum	4 nos. (Koyo Hydraulic Heavy Duty Winches)	Double Drum,
Winch Drive	Motor Driven	
Line Pull	40 T	
Brake Holding	100 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 1.6 m (Dia)
Tugger Winch	4 nos	5 T Capacity (Each)
Helideck		
Bell 412, Dauphin 365N or Equivalent	Length	18 m
	Breadth	18 m

Machineries & Equipment

Generators		
Main Genset	3 nos., CAT 3412	Each 738 KVA 415 V, 3 Ph, 50 Hz
Deck Genset	1 no., CAT 3412	738 KVA 415 V, 3 Ph, 50 Hz
Deck Crane		
Manitowoc - 4000	Capacity	150 Tons

Machineries & Equipment		
Air Compressors	1 no.	300 m3 /hr @ 12 bar
	1 no.	180 m3 /hr @ 18 bar
	1 no.	110 m3 /hr @ 18 bar
Fresh Water Maker	1 no. 30 T / Day	Reverse Osmosis
Sewage Treatment Plant	3 nos.	Hamworthy

(Pedestal)	Boom Length	150 Ft (46 m)
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Oil Water Separator	1 no. (Model SP-10)	1 m3 / hr
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IOPP	Comply
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Workshop	1 no.
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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.	JRC
Inmarsat C	2 nos.	Furuno
VHF Air Band T'receiver	1 no.	ICOM
VHF Radio (Fixed)	4 nos.	2 nos. Furuno 2 nos. ICOM
Portable VHF Radio (GMDSS)	3 nos.	Navico
Portable Marine VHF	7 nos.	Motorola
Intercom & PA System	Entire barge	
Aero VHF	1 no.	ICOM
Aero VHF (Hand Held)	1 no.	ICOM
Satellite Phone, Fax & Email	One - Fleet Broadband	Thrane & Thrane
GPS	1 no.	Furuno
Magnetic Compass	1 no.	John Lily & Gille
Echo Sounder	1 no.	Furuno
Wind Dir. & Wind Speed Indicator	1 no.	Simrad
Anemometer & Clinometers	1 no. each	KM
Barges also fitted with PA Talkbalk System and Sound Powered Telephones & CC TV Systems		

Safety (FFA & LSA)

FFA (As per Solas) :

Fire Pump	1 no. (Electric Driven)	140 m3 / hr @ 110 m head
Emergency Fire Pump	1 no. (Engine Driven)	60 m3 / hr @ 70 m head
Fixed Foam Fire Fighting	2 nos. (Tank Capacity : 400 ltrs each)	For Helideck
Fire Monitors	2 nos.	90 m3 / hr @ 7 bar
Fire Hydrants	18 nos.	As per FFA plan
Intl. Shore Connection	1 no.	As per FFA plan
CO2 System	14 nos Cylinders, Each 45 kgs.	Generator Room
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	Total Cap. 365 (Stbd) Total Cap. 365 (Port)	26 x 25 Persons Cap 4 x 20 Persons Cap
Life Jackets	410 nos.	
Life Buoys with Mob	2 nos.	Mounted as per Barge Safety Plan
Life Buoys with SI Light	2 nos.	Mounted as per Barge Safety Plan
Life Buoys with Line	2 nos	Mounted as per Barge Safety Plan
Life Buoys	8 nos	Mounted as per Barge Safety Plan
EPIRB	2 nos.	1no. McMurdo Floatfree 1 no.Saracom EB-10
SART	2 nos.	Saracom RT-10
Line Throwing App.	4 Sets Comprising of 4 Cartridges Each	1 no. Comet and 4 nos. Pains Wessex