

# Valour Offshore Marine Services Pte Ltd

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## M.V. AVATAR

### PRINCIPAL PARTICULARS

Year Of Built	4 <sup>th</sup> ,May , 1983
Date Of Launch	August , 1983
Delivered	December,1983, Warnowerft Rostok, Warnemunde
Classification	A B S
Port Of Registry	Singapore
Flag	Singapore , Blue Ensign
Call Sign	S 6 K F
IMO No.	8314586
MMSI No.	564423000
OFF No.	389579
Telex Inmarsat No.	456442350

### DIMENSIONS

LOA	173.50 M(569.23 ft)
LBP	161.00 M(528.08 ft)
Breadth	23.05M(75.62 ft)
Free Board	13.70M(44.95 ft)
Max. Summer Draft	10.02M(32.87 ft)
Max. H Keel- Mast	48.75M(159.94 ft)

## CAPACITIES

Gross Tonnage , GRT	15893T
Net Tonnage , NRT	8092T
Dead Weight , DW	17850T
Summer Displacement	26770T
Light Ship	8920T
Suez Canal ID No.	16459T
GRT , Suez Canal	16456.77T
NRT , Suez Canal	15053.92T
Panama Canal ID No.	364282
NRT , Panama Canal	13313T

## CONTAINER CAPACITY

Total	515 Units	(20 / 8 / 8.6) Foot	
Holds	277	55/55/45/61/61	5 Tiers
Deck	238	92/84/62	3 Tiers
Total	228 Units	(40 / 8 / 8.6) Foot	
Holds	126		5 Tiers
Deck	102		3 Tiers

## REEFER CAPACITY

30Units On Deck Situated Bays11 Aft / 13 Fwd / 21 Aft / 23 Fwd / 25 Aft

## BALE CAPACITY

No.1	Tween Deck	666 m2	Lower Hold	1316 m2
No.2	Tween Deck	3750 m2	Lower Hold	3112 m2
No.3	Tween Deck	3676 m2	Lower Hold	3828 m2
No.4	Tween Deck	2443 m2	Lower Hold	2010 m2
Garage		2595 m2		
Total		13130 m2		10266 m2
Grand Total				23396 m2

## VEHICLE'S CAPACITY

On Lo-Ro Deck With Closed Tween Covers . SQ – 2370 m<sup>2</sup>

CARS	Under 4.20 L X 1.65 B X 1.50 H	232 Pcs
Trucks	Under 6.70 L X 2.50 B X 2.40 H	81 Pcs

## TANKS CAPACITY

Fuel	IFO	Abt 1843T
	MDO	Abt 516T
Ballast		Abt 4438T
Fresh Water		Abt 220T

## HOLDS PARTICULARS

Holds Particulars		Height	Distance Keel-hatch top
Length	Breadth		
MinMaxh.sq	ForeMiddleAft.h.sq	ForeAft	
16.9516.9512.50	4.359.0313.707.60	6.006.00	19.2
32.6032.6526.10	6.8017.4018.2512.50	5.905.90	15.80
35.8536.8533.30	18.2518.2518.2512.50	5.905.90	15.80
15.9516.4512.50	18.2515.5012.9012.50	6.107.20	17.00

## HATCHES PARTICULARS

Hold	Covers Particulars	
	Weather Deck	Tween Deck
No. 1	13.10x7.60m	12.50x7.60m
No. 2	26.40x 12.50m	26.10x 12.50m
No. 3	33.60x 12.50m	33.30x 12.50m
No. 4	12.80x 12.50m	12.50x 12.50m

## SPECIAL EQUIPMENT

Cargo Handling Gear	1 x 125Jumbo Derrick ( b/w 2&3 hatches ) Outreach - 18.5 m 2 x 12.5Cranes ( b/w 1&2 hatches ) Outreach - 22.0 m/ married-25 t 2 x 12.5Cranes ( b/w 3&4 hatches ) Outreach - 22.0 m/ married - 25 t
Stern Ramp	Starboard Side Quarter Stern 25.0 L x 5.80 B x 4.50 H Load On Ramp – 45 t& Load Truck Axis – 18.0 t Threshold Height Above Keel – abt 11 m Side Breadth/ Open TW Cover – abt 3.7 m

## ACCOMMODATION

Staterooms / Berth	Total 140 berths , Fully Aircon
Galley	All Electrics (1) Officers Mess Room (1) Crews Mess Room/ Charterer Mess Room
Hospital	1 x 1 Berth
Gymnasium Room	1 room
Quarantine Room	1 x 1 Berth
Ship's Office	(1) Computer , (1) Copier Machine
Washing Machine	(6) Units
Dryer Machine	(3) Units
Swimming Pool	(1)

## ELECTRONICS AND NAVIGATION EQUIPMENT

Inmarsat Mini Satellite System	(1) Unit
Inmarsat C Satellite System	(1) Unit , Thrane & Thrane (1) Unit , Trimble
GMDSS	(2) Units ( VHF DSC ch 70 ) ( ICS, Electronic ltd,England )
GPS	(2) Units ( Magellan ) (1) Unit( Furono ) (1) Unit ( JRC )
AIS	(1) Unit (JRC, SHS-182)
Navtex	(1) Unit (JRC, NCR-330)
Radars	(1) Unit (NCD-4111)
Radios	(1) Unit (NCD-3901-L) (1) Unit, VHF (Sailor)
Two Way VHF Radio Telephone	(3) pcs (JRC)
ECDIS	(1) Unit
Echo-sounder	(1) Unit (JRC, JEF-581)
Weather Facsimile	(1) Unit (JRC, JAX-9A)
Chronometer	(1) Unit
Autopilot	(1) Unit (VEB Schiffselektronik Rostock)
Gyro-Compass	(1) Unit (Yokogawa, KR012-D) (1) Unit (Yokogawa, MK015-G)
Walkie Talkie	(6) Pcs (Motorola)