

SHM

TM

safe seas, safe shores

RIGID INFLATABLE BOATS

SHM 4700 & SHM 7000



SHM 4700



CLASS APPROVAL



Indian Register of Shipping

CLASS COMPLIANCE CERTIFICATE

PORT : MUMBAI

DATE : 09 Oct 2017

CERTIFICATE NO.: BOM17B001

CONSTRUCTED BY SHM SHIPCARE

YARD NUMBER 202

TYPE OF THE VESSEL RESCUE BOAT

LENGTH(OVERALL) 4.73 m

BREADTH(MOULDED) 1.55 m

DRAUGHT 0.35 m

CARRYING CAPACITY 9 PERSONS (ALL INCLUSIVE)

DEPTH(MOULDED) 0.87 m

APPLICABLE RULES RULES AND REGULATIONS FOR THE CONSTRUCTION AND CLASSIFICATION OF HIGH SPEED CRAFTS AND LIGHT CRAFTS, JULY 2016

THIS IS TO CERTIFY

The above vessel has been built satisfactorily under our supervision in accordance with the approved/noted plans (refer annexure 1) and for compliance with the following equivalent notations

SU, HSLC, RS 2

RESCUE BOAT

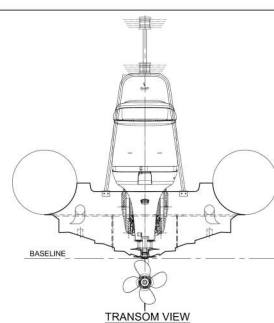
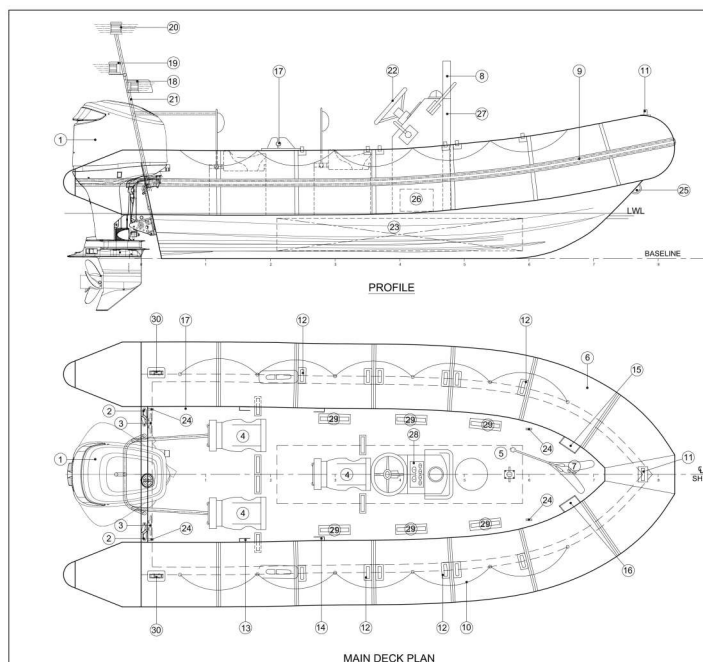
NOTES

- Inspection of the boat in accordance with IRS endorsed plans & QAP carried out and found satisfactory.
- Type approved resin and glass fibre reinforcements used in the construction of hull and deck of the boat.
- Verified and reviewed the controlled conditions at various stages in which the boat construction carried out and found satisfactory.
- FRP laminate sample prepared by the yard during lamination of the hull tested in presence of the attending surveyor to this society at NABL accredited laboratory with satisfactory results.
- Swamp test, conducted in the calm waters was witnessed and the test report has been reviewed & found in order for maximum 9 persons.
- Water performance trials of the boats conducted by yard, in presence of the naval representative/s as per trial protocol prepared by the yard in calm water conditions at Vasai creek, Ghodbandar, Thane. Same witnessed and test reports endorsed.

MAIN PARTICULARS

LENGTH OVERALL	4.730M
HULL LENGTH	3.795M
BREADTH OVERALL	2.070M
BREADTH HULL	1.550M
DEPTH	0.875M
DRAFT	0.350M
SPEED	25 KNOTS
COMPLEMENT	3 PERSONS
MAIN ENGINE	90 HP PETROL OUTBOARD MOTOR
FUEL CAPACITY	- Ltrs

GA DRAWING



MAIN DIMENSIONS
 LENGTH O.A. 4.730 M
 LENGTH HULL 3.795 M
 BREADTH O.A. 2.070 M
 BREADTH HULL 1.550 M
 DEPTH 0.875 M
 DRAFT HULL 0.350 M
 DISPLACEMENT 900 KGS
 SPEED 22-25 Knots
 CREW 3 Nos.
 ENGINE O.B.M. 90 H.P.

MATERIAL LIST			
SR. NO.	ITEMS	QTY	DESCRIPTION
1	OUTBOARD MOTOR	1	90 HP
2	FAIRLEAD	2	SS 316
3	CLEAT	2	SS 316
4	SEAT	3	FRP
5	BOLLARD	2	SS 316
6	RIGID COLLAR	1	FOAM
7	ANCHOR	1	COR ANCHOR 18lbs
8	WIND SCREEN	1	ACRYLIC
9	RUBBING STRAKE 8 INCH WIDE	-	HYPALON / NEOPRENE
10	LIFELINE OUTER 12 MM	1	P.P. ROPE
11	BOW FAIRLEAD	1	SS 316
12	HANDLES	6	NEOPRENE MOLDED
13	PADDLE BLADE POCKETS	2	HYPALON / NEOPRENE
14	PADDLE HANDLE POCKET	2	HYPALON / NEOPRENE
15	ROPE STORAGE POCKETS	2	HYPALON / NEOPRENE
16	COLLAR REPAIR KIT POCKET	1	HYPALON / NEOPRENE
17	OAR LOCKS	2	NEOPRENE
18	SIDE LIGHT	2	12V DC
19	STERN LIGHT	1	12V DC
20	ALL ROUND LIGHT	1	12V DC
21	GOAL POST MAST	1	SS 316
22	STEERING	1	ENGINE SUPPLY
23	FUEL TANK	1	170 LTRS SS 316
24	LIFTING EYE	4	SS 316
25	BOW RING	1	SS316
26	BATTERY	2	12V 100AH
27	HORN	1	12V DC
28	INSTRUMENT PANEL	1	ENGINE SUPPLY
29	FOOT STRAP	9 SET	NEOPRENE
30	STERN FAIRLEAD ON COLLAR (P&S)	2	SS 316 / RUBBER



SEE LETTER E-51656-65045

SHM SHIPCARE			
10, A, P. Road Building, Chembur, Mumbai - 400021			
Tel: 022-25555555, Fax: 022-25555555, Email: shm@shmgroup.com			
CLIENT	L & T SHIPBUILDING, CHENNAI		
PROJECT	4.7 MTR. RIGID INFLATABLE BOAT		
TITLE	GENERAL ARRANGEMENT	YD. NO. - 202 - 203	
SCALE	SHT DRN CHKD PREP. BY DATE DRG. NO. REV.		
1:20	A2 SH RB	ANCHETHE MAY'17	SHW202001 -

SHM 7000



CLASS APPROVAL

MAIN PARTICULARS

LENGTH OVERALL	7.40M
HULL LENGTH	6.56M
BREADTH OVERALL	2.80M
BREADTH HULL	2.36M
DEPTH WITH COLLAR	1.31M
DRAFT	0.60M
SPEED	32 KNOTS
COMPLEMENT	18 PERSONS
MAIN ENGINE	MERCURY DIESEL INBOARD STERN DRIVE
FUEL CAPACITY	290 Ltrs

GA DRAWING

RINA

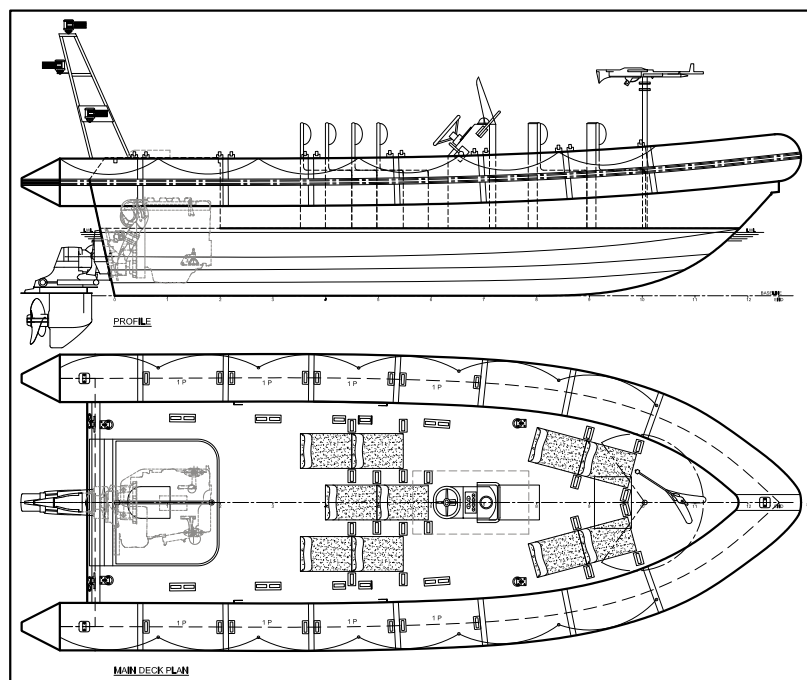
TEST CERTIFICATE
CERTIFICATO DI COLLAUDO

7.00 Meter Rigid Inflatable Boat
N. 2019X101268 - R001-01

RINA file No. 2019/X1/01/268
Pratica RINA N.
Manufacturer or Supplier: SHM SHIPCARE, Mumbai
Fabbrikatore o Fornitore
Work order No.: Nil dated 22/08/2018
Commessa N.
Purchaser: MAZAGON DOCK SHIPBUILDERS LTD
Commissione
Order No.: 3270001333/24/3/5 Intended for: MDL
Ordine N. 36 Dk 22/08/2018 Destinazione

THIS IS TO CERTIFY that the items, particulars of which are given below, have been tested and found to be in compliance with the requirements of the RINA rules and India Navy specification NCD 4012, issue 2, October 2014.
Si certifica che gli oggetti / apparecchi, le cui caratteristiche sono di seguito indicate, sono stati sottoposti a collaudo e sono stati riconosciuti conformi alle prescrizioni del regolamento del RINA.
The calibration status and adequacy of the test measurements devices used have been satisfactorily verified.
Lo stato di taratura e l'adeguatezza degli strumenti di misura utilizzati per il collaudo sono stati verificati con esito soddisfacente.
Description of material and tests carried out: 1 Number 7.00 Mtr RIB, SHM Yard Number 307
Descrizione del materiale e prove eseguite:
Inspection Carried out:
1. Review and approval of the hull drawings and stability documentation for compliance with RINA rules to equivalent class notation PATROL CRAFT - HULL OFFSHORE NAVIGATION and NCD Specification NCD4012 issue 2 dated October 2014.
2. Stageswise Inspection during construction as per approved drawings and Quality Assurance Plan.
3. Final Acceptance inspection including trials and inclining test.

Markings: on the Name Plate RIB 7.0-2020-073
Marche apposte:
Testing date: 18/02/2020
Date collaudo:
Enclosures: Allegati:
Issued at: Mumbai on: 16/03/2020
Rilasciato a:
RINA
Prodotto da: SHM SHIPCARE
RINA
Form COLCER - 12/2017
This certificate consists of 2 pages
Questo certificato è composto da 2 pagine



MAIN DIMENSIONS

LENGTH	O.A.	07.40 M
LENGTH	HULL	06.56 M
LENGTH	W.L.	06.01 M
BREADTH @Fr. 02	O.A.	02.80 M
BREADTH @Fr. 02	HULL	02.36 M
DEPTH @Fr. 02	WITH COLLAR	01.31 M
DRAFT	HULL	00.60 M
SPEED		32 KNOTS
DISPLACEMENT		3500 Kgs.
COMPLIMENTS		18 NOS.

PROPULSION SYSTEM

MAKE	- MERCURY DIESEL
MODEL	- QSD 2.8ES220
STERN DRIVE	- BRAVO II X (1.81:1 RATIO)
POWER	- 220HP@ 3800 RPM

A - SEATING ARRANGEMENT RE-ARRANGED

SHM SHIPCARE						
15-A, Press Building, Ground Floor, 1st Main Road, Cross Street, Deshpande, Marolli, Mumbai - 400035 Toll free 122 2250214, 201131515, Fax 122 2250215, Email: info@shmgroup.com						
OWNER	I.H.Q.M.O.D. (NAVY), D.N.A., NEW DELHI					
PROJECT	7 MTR. RIGID INFLATABLE BOAT					
TITLE	GENERAL ARRANGEMENT				YD. NO.	2-138-151
SCALE	SHT	DRN	CHKD	DESIGN BY	DATE	DRG. NO. REV.
1:25	A3	RB	RB	APR. 15	SHM7M01	A

BUILT TO PERFECTION; BUILT TO PROTECT



Enabling your freedom at sea

“Enabling freedom at sea” stands for SHM's commitment of offering our clients peace of mind – at sea and on shore. It talks about the peace of mind you have when you know that someone you trust is taking care of you. It talks about what safety enables you to do:

- Freedom to operate
- Freedom to trade
- Freedom to travel
- Freedom to explore
- Freedom to innovate
- Freedom to excel

SHM SHIPCARE (Group Head Office)
BPT, Plot No. 51B, Magazine Street,
1st Lane, Darukhana, Mazgaon,
Mumbai - 400010.



safe seas, safe shores

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