

29 AUG 1963

Rpt. 1

Port BOMBAY

No. 15875

Date of completing report 15-7-1963

When handed in at Local Office

Received London

Survey held at BOMBAY

First Visit 20-1-61

Last Visit 31-5-63

No. of Visits 94

FIRST ENTRY SHIP REPORT

ON THE SSIMS "VARIDA"

F.E. FROM ACCTS. 29/8/63
F.E. FROM ADMIN/P 5/9/63
PLANS M/C.D. 29/8/63
CERTS. REC'D. 29/8/63
TO RPT. DEPT. 5/9/63

Has Report been sent on (1) Freeboard of Ship? Attached to this Report

(2) Machinery? Yes

(Rpt. C11 & Rpt. C11 (Comp.) are to be forwarded in advance when freeboards are assigned by the Society. In cases where freeboards are assigned by another Authority or when ships are exempt from Load Lines, Rpt. C11 only need be forwarded).

Type of Ship WATER CARRIER

Is machinery fitted aft? Yes

Length (D 201 of Rules)* 144' - 10" ✓
Breadth (D 202 of Rules) 26' - 0" ✓
Depth (D 203 of Rules) 12' - 10" ✓
Draught (summer moulded) (D 204 of Rules) 10' - 8 3/8" ✓
Deck Factor "F" excluding d_t -
" " "F" including d_t -
Gross tonnage 416.31
Net tonnage 189.61
Official number -
Signal letters -

Built at BOMBAY
Launched 25th August 1961 Yard No. 196
Builders MAZAGON DOCK LTD., BOMBAY
Owners INDIAN NAVY
Address GOVERNMENT OF INDIA NAVAL HEADQUARTERS, NEW DELHI.
Managers -
Address -
Port of Registry -
Date of last survey in drydock 30th May 1963.

GENERAL DECLARATION

Has the ship been built under Special Survey in conformity with the Society's Rules and Regulations and Secretary's letters? Yes

Have the scantlings and arrangements of the ship as built been checked by you and found to be in accordance with the approved plans or with equivalent arrangements? Yes

Have any modifications and/or additions to the original approved arrangements made during construction, been indicated in ink of a distinctive colour other than red on the approved plans now forwarded, and approved locally as being in accordance with or by standards equivalent to Rule requirements? Yes

If separate plans of midship section and profile and decks showing the ship as built are forwarded, have they been checked with the approved arrangements and found in order? Yes

Are the materials and workmanship satisfactory? Yes

Have the freeboards been satisfactorily marked on the ship's sides and verified? Yes

BUILDER'S DECLARATION : To the best of my knowledge the ship has been built in conformity with the Rules, Regulations and requirements of Lloyd's Register of Shipping.

forbaanwan

Builder's Signature

FEES, etc.

Special Survey fee Rs. 7450/-

Travelling expenses Rs. 940/-

Late attendance fees -

Fees applied for 23/8/63 Received

Classification Certificate to be sent to Bombay Office

Date of issue 29 SEP 1964

Has an Interim Certificate been issued? Yes

This Ship in my opinion is eligible to be classed:-
(Special notations where part of class to be stated)

+ 100A1 "For Indian Coastal Service" with the descriptive notation "Water Carrier".

Subject 15 stream anchor being applied

Signature *T. Winthrop & J.E. Radcliffe*
Surveyor(s) to Lloyd's Register of Shipping
T. Winthrop & J.E. Radcliffe.

Committee's Minute FRIDAY 13 SEP 1963

Character Assigned *Superior for Compta. (m/sky)*

FRIDAY 21 AUG 1964

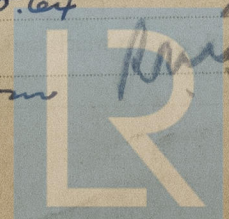
+100A1 *Water Tanker*
Indian Coastal Service

DS 5.63
Lact *thanc no* *05.5.63*

Classed 8.64

Write Bom (m)

Write Bom



Manufacturer's Name and/or Trade Mark of the steel used in the construction of the ship:—

Sections:— The Tata Iron & Steel Co., Ltd; Skinningrove Iron Co., Ltd., Appleby-Frodingham Steel Co.; The Indian Iron & Steel Co. Ltd.; South Durham Steel & Iron Co. Ltd.; Dorman Long & Co. Ltd.; Colvilles Ltd.

Has the steel been manufactured at works recognised by the Committee and tested in accordance with the Rules? **Yes** ✓

Process of manufacture (e.g. Open hearth, electric furnace, etc.) **Open Hearth**

Particulars of Special Quality Steel used None
(Advice notes to be forwarded separately with plan showing disposition of these plates)

ELECTRIC WELDING

Parts of main structural importance electrically welded **Butts of shell plating, butts and seams of deck and bulkhead plating,**

Bulkhead stiffeners and deck beams to plating, sternframe and rudder.

Parts examined by radiography	None
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Were the electrodes used of types approved by the Committee? **Yes**

ITEM	FORGING, CASTING OR FABRICATED (Certificates to be forwarded)	MAKER'S NAME
Stem bar	Rolled M.S. Bar	Messrs. Mazagon Dock Ltd.
Shaft brackets	None	
Sternframe	Fabricated with forged parts	Messrs. Mazagon Dock Ltd., Bombay.
Rudder mainpiece or post	(Rudder fabricated with M.S. plates & forged coupling flange and bottom pintle.	Messrs. Mazagon Dock Ltd., Bombay
Rudder head	Forged	Messrs. Dennystonn Forge Co. Ltd., Dumbarton.
Quadrant	None	
Tiller	None	

GENERAL PARTICULARS			
Steering gear (Type & Maker)	Moving Vane Electric-Hydraulic Messrs. Ban & Montage, GmbH, Hamburg	Auxiliary steering gear	Steering Gear Provided with 2 pumps and motors with independent leads.
Steering chains (Size & test)	-	Windlass (Type & Maker)	Electric- Messrs. Uttersener Maschinenfabrik Batlava, Uetersen

Steering chains (Size & type)

Ceiling in holds (Material & thickness) **No Holds**

Are cargo battens fitted in holds? in 'tween decks?

Parts of bottom plating on which cement or an approved composition is laid (if fitted):— Bottom in engine room and cofferdams coated with 2 coats of red lead and 2 coats of oil paint. Bottom elsewhere coated with 2 coats of bituminous solution and 2 coats of bituminous enamel.

Insulated cargo compartments (if any):— **None**

Parts of structure of material other than steel (if any):— Wheelhouse and Poop front partly of aluminium alloy.

If mechanical ventilation is fitted, state in which cargo spaces:— **None**

If cathodic protection is fitted, state in which tanks:— **Only external cathodic protection fitted**

ANCHORS

Number 5957.9 ✓

Letter **f** 29 AUG 1963

Certificate No.	Anchor	Weight of Anchor		Weight of Stock (if any)	Test per Certificate			Rule weight			Description of Anchor	Where and when tested
		C.	Qr. Lbs.		T.	C.	Qr. Lbs.	C.	Qr. Lbs.			
87889	Bower (1)	8	3 21	-	11	2	2 0	9	0 0	} Brittannic } Stockless } (Cast Steelhead)	(LPH-CH 17-10-60	
87890	" (2)	9	0 0	-	11	2	2 0	9	0 0			
	" (3)											
	Coll. wt.	17	3 21	21-2-64				18-0-0				
	Stream	3	1 6	5 16 2				3 14 (on stock)				

Number of Certificate	Supplied		Test per Certificate		Weight of Chain Cable				Rule		Description and Material	Makers of Cable	Where and when tested		
	Length	Dia.	Stat.	Bkg.	Supplied			Rule						Length	Dia.
					Cwts.	Qrs.	lbs.	Cwts.	Qrs.	lbs.					
11835	75	5/8	1	18.0	27.0	39	2	20	38	2	5	Richard Sykes & Son Ltd.	IPH - CH		
(includes 4 Joining and 2 end shackles)											165		1	W.I. Stud Link	21-3-61
11849	90	1	1	18.0	27.0	47	2	25	46	0	0				
(includes 5 Joining and 2 end shackles)															
<div style="display: flex; justify-content: space-between;"> <div> <p>Stream wire</p> <p>50 2 1/2</p> <p>(6 x 12)</p> </div> <div> <p>15.2</p> </div> </div>															
<div style="display: flex; justify-content: space-between;"> <div> <p>circ.</p> </div> <div> <p>circ.</p> </div> </div>															
<div style="display: flex; justify-content: space-between;"> <div> <p>50 2 1/2</p> </div> <div> <p>50 2 1/2</p> </div> </div>															

Are joining shackles of the lugless type fitted? **NO**

CAST STEEL ANCHOR HEAD DROP TEST

[illegible]

Moulded length (see Key to Register Book) **144'-10"** ✓ Moulded breadth **26'-0"** ✓ Moulded depth **12'-10"** ✓

Number and material of decks **One Steel** ✓

Length of Poop **45'-10"** ✓ R.Q.D. **None** Bridge **None** Fo'cle **20'-6½"** ✓ Trunk **None**

Overall length **156'-8"** ✓ Extreme breadth **26'-1½"** ✓ Rise of floor **3"** ✓

Is ship of O.S.D. Type? **No** Is ship of C.S.D. Type? **No** Is duct keel fitted? **No**

Is longitudinal framing fitted? (state where) **No**

Is strengthening for navigation in ice fitted? (state class) **No**

Is additional strengthening for heavy cargoes fitted? **No**

Is the ship (if not a motorship) fitted for the carriage and burning of oil as fuel? **-**

Is the ship (if not an oil tanker) fitted for carrying oil as cargo? **No** and if so state where, together with the flash point where required to be inserted in the notation:—

Watertight and/or Oiltight Bulkheads (state number required by Rules) **Three**

Bulkheads in ship extending to Upper deck on frame numbers:— **3, 25, 27, 37, 47, 57, 59, 71** Total = **Eight** ✓

Bulkheads in ship extending to deck below upper deck on frame numbers:— **-** Total = **-**

Is E.S.D. fitted? **No** Is Radar fitted? **No** Is Position Fixing Device fitted? **No**

Is D.F. fitted? **No** Is Gyro Compass fitted? **No** Is Submarine Signalling apparatus fitted? **No**

CAPACITIES OF TANKS (35 c.f. per ton) (Capacity Plan to be forwarded)

(O.F. or F.W. ONLY to be inserted against tanks used exclusively for oil fuel or fresh water)

Double bottom tanks:— No. 1 — No. 2 — No. 3 — No. 4 — No. 5 — No. 6 —
None No. 7 — No. 8 — No. 9 — No. 10 — No. 11 — No. 12 —
Fore peak tank 34.35 Tons ✓ After peak tank None ✓ Midship deep tank None
Deep tank aft None 1/2 ft Deep tank fwd. 66.68 Tons ✓ Topside tanks None
Tanks at sides of tunnel None Tanks in way of tunnel None Deck tanks None
Side tanks (Fore end of Eng.RM. — O.F.only ✓ (Aft end of Eng.RM. — F.W.only Wing tanks None Other tanks 6 Cargo Tanks — F.W. only

If ship is an oil tanker state the numbers of main cargo tanks used exclusively for water ballast (if any) with capacities:—

GENERAL REMARKS

Names and yard numbers of sister or similar ships to be stated below. Numbered list of "Approved" and "As Built" plans to be given below or furnished separately (Port, Report Number, Builders' Name and Yard Number, Name of Ship and title of plan in English to be stated on outside of all plans folded to a maximum size of 11" x 9". List of forging, casting or equivalent fabricated parts, certificates to be given below with Certificate number, Port and Date.)

List of Approved Plans:

1. Midship Section ✓
2. Construction Plan (Profile and Decks).
3. W.T. Transverse Bulkheads.
4. O.F. Tank Bulkheads & F.W. Wing Tank Longitudinal Bulkheads.
5. Shell Expansion.
6. Engine Girder.
7. Sternframe.
8. Rudder.
9. Rudder Coupling Flange and Pintle.
10. Arrangements of Steering Gear, Rudder Stock & Rudder, Details of Stuffing Box, Pintle Bearing, Structure in Way Rudder Carrier.
11. Rudder Stock, Trunk and Carrier Seating (Copy of Messrs.Colvilles approved drawing).
12. Sections. ✓
13. Poop bulkheads.
14. Forecastle Bulkheads.
15. Fidley Top, Skylight and Funnel.
16. Wheelhouse, etc.
17. Stern Gear.
18. Stern Boss Tube.
19. Hawse Pipe.

List of "AS BUILT" Plans:-

Midship Section ✓

Construction Plan (Profile & Decks).

Capacity Plan. ✓

List of Certificates:

Sternframe — Bombay Report 10 Dated 4.8.61. ✓
Rudder Coupling Flange — Hann over Certificate No.HNO.F.60/243 Dated 24.3.60. ✓
Rudder Bottom Pintle — Hannover Certificate No. HNO.F.60/261 Dated 29-3-60.
Rudder Coupling Flange Studs — Glasgow Certificate No.C.80308 dated 30.11.62. ✓
Rudder Stock — Glasgow Certificate No.C.80272 Dated 28.11.62. ✓
Rudder Carrier, Stuffing Box & Distance Piece — Newcastle-Upon-Tyne Certificate No.C.76925 Dated 19-11-62. ✓

SPECIAL FEATURES

Wheelhouse and Poop front structure partly of Aluminium Alloy.

External cathodic protection fitted.



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Foundation