

State if Report has been sent on the Freeboard of the Vessel YESState if Report is sent on the Machinery of the Vessel YES

Date of completion of report

18th JUNE 1936Port of GREENOCK

No. 20168

Survey held at PORT GLASGOW

Date First Survey

4th AUGUST 1935

Last Survey

14th JUNE

1936

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw)

SINGLE SCREW STEAMER - JALAYAMUNA -

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings)

FULL SCANTLINGState Type of Erections POOP, BRIDGE & FUNNEL

TONNAGE under Tonnage Deck

4657.84

CLASS 100 A.I.

State if with freeboard as condition of Class

No

Built at PORT GLASGOW

Do. of space or spaces between Tonnage Dk. and Upper Dk.

Length from fore part of stem to after part of stern of beam at side of uppermost continuous deck. See Sec. 3 (1a)

L 399

Breadth (greatest moulded)

B 51.75

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c)

D 30.5

Launched MAY 8th 1936 Yard No. 882Builders LITHGOWS LIMITEDOwners THE SCINDIA STEAM NAVIGATION CO., LTDManagers ✓

(Where necessary to be entered in Reg. Book.)

SUDAMA HOUSE, WITTET ROADResidence BALLARDESTATE, BOMBAY, INDIA

REGISTERED DIMENSIONS. FEET.

Length

400.0

Breadth

52.0

Depth

28.0

Framing Depth "d," at middle of length. See Sec. 3 (1d)

18.46

Proportions—Depth to Length—Uppermost continuous deck to top of keel

13.08

Do. Long Bridge to top of keel

10.36

Draught Moulded

24.9

Port of Registry BOMBAY

If surveyed while building, afloat, or in dry dock

BUILDING AFLOAT AND IN DRY DOCK

FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	28		Bracket Floors, Frame	6 3/2 35	
" " from 3/8 length to Collision bulkhead	27		" " Reversed Frame	5 1/2 3 35	
" " in peaks	24		" " Vertical Struts	8 3/2 3 42	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	42 1/2 51	
Frame Amidships, Angle E or L	10 3/2 48		" " top Angles	3 1/2 3 45	
" " Extends up to	SECOND DECK		" " bottom Angles	4 4 50	
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness	1 @ 39	
" " Extends up to	✓		Margin Plate depth (excl. of flange) and thickness	37 1/2 50	
Depth of Framing Girder	10		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	3 1/2 3 42	
Frames in Uppermost Continuous 'tween Decks, Angle E or L	7 3/2 40		" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	6 6 42	
" " Second 'tween Decks, Angle E or L	✓		" " Gussets, spacing and scantling abaft 1/2 len. from stem	EVERY FRAME 6 3/8 R	
" " Third " " " "	✓		" " Gussets, spacing and scantling forward 1/2 len. from stem	EVERY FRAME 6 3/8 R	
Framing in Peaks, Angle E or L	7 1/2 3 40		Tank Side Brackets, height above base line at toe of Frame and thickness	64 3/4 41	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 @ 7 DIAS		INNER BOTTOM PLATING.		
State if Frame Joggled	YES		Breadth and thickness of Middle Line Strake	70 1/2 48	
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	FRAMES 12, 35, 70 BA. 3 PANTING STRUTS. 4 INCREASED RIVETING. 4 AS APPROVED		Thickness of remainder in Holds	42	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	DOUBLE FRAME BARS. ADDITIONAL GIRDERS. INCREASED SHELL. 4 RIVETING. 4 AS APPROVED		Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room?	YES	
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds			Uppermost Continuous Deck, amidships in Wells, Angle E or L	7 1/2 3 38	
Height of Brackets at side above base line at toe of frame			" " in way of Bridge, Angle E or L	8 3 44	
Middle Line Keelson, on Floors, Angle E or L			Spacing	28	
" " Through Plate or Intercoastal Plate			Second Deck, amidships, Angle E or L	8 3 46	
" " Foundation Plate on Floors			Spacing	28	
" " Flat Plate Keel Angles			Third Deck, amidships, Angle E or L		
Side Keelsons, No. each side			Spacing		
" " thickness of Intercoastal Plate			Fourth Deck, amidships, Angle E or L		
" " Angles			Spacing		
DOUBLE BOTTOM.			Poop Deck, Angle E or L	9 3 40	
Solid Floors, thickness and spacing	39 EVERY 4 th OR 3 rd		Spacing	56	
" " Are Frame and Reversed Frame joggled?	YES		Bridge Deck, Angle E or L	7 3 36	
Bracket Floors, breadth and thickness at middle line	32 1/2 39		Spacing	28	
" " breadth and thickness at margin plate	32 1/2 39		Forecastle Deck, Angle E or L	9 3 40	
			Spacing	54	

PILLARS AND DECKS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows.....	Two Rows.	✓	Stringer Plate, breadth and thickness in way of Bridge	70 x 34	✓
" in 'tween Decks, Size and Spacing	WIDELY SPACED	✓	Thickness of Plating abreast Deck openings in way of Wells	34	✓
" " " " " "	PILLARS WITH FLANGED PLATE GIRDERS AND TUBULAR PILLARS IN HOLDS.	✓	Thickness of Plating abreast Deck openings in way of Bridge	30	✓
" in Holds " " " " " "	SOLID WIDE SPACED PILLARS IN TWIN DECKS	✓	Thickness of Plating within line of openings	32	✓
" " " " " " " "			If Sheathed, material and thickness	NOT SHEATHED	✓
Centre Line Bulkhead.			Third Deck.		
Stiffeners and Spacing			Stringer Plate, breadth and thickness		
Plating, thickness of			If Plated, state thickness		
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness		
Stringer Plate, breadth and thickness in Wells	56 x 87	✓	If Plated, state thickness		
" " " " in way of Bridge	56 x 38	✓	Poop Deck.		
" Angle in Wells	6 6 84	✓	Stringer Plate, breadth and thickness	34 x 34	✓
Thickness of Plating abreast Deck openings in way of Wells	58 - 34	✓	Plg. 40 x 30		
Thickness of Plating abreast Deck openings in way of Bridge	34	✓	Plating, Sheathing, material and thickness	SHEATHING 5 1/2" TEAK	✓
Thickness of Plating abreast Deck openings in way of Bridge	WELLS 42 - 38	✓	Bridge Deck.		
Thickness of Plating within line of openings. BRIDGE	32	✓	Stringer Plate, breadth and thickness	56 x 60	✓
If Sheathed, material and thickness	NOT SHEATHED.	✓	Plg. 52 WHERE EXPOSED 42 ELSEWHERE 5 x 25 SHEATHING IN ACCOMMODATION		
Second Deck.			Plating, Sheathing, material and thickness	App° 46	✓
Stringer Plate, breadth and thickness in Wells	70 x 37	✓	Stringer Plate, breadth and thickness	App° 42	✓
			Plating, Sheathing, material and thickness	4 - 36	✓
			Forecastle Deck.		
			Stringer Plate, breadth and thickness	34 x 34	✓
			Plating, Sheathing, material and thickness	34 SHEATHING UNDER WINDLASS ONLY	✓

SHELL PLATING.

SCANTLINGS.					RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged? No		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS. Diam. Spacing cr. to cr.	No. OF ROWS OF RIVETS.	RIVETS. Diam. Spacing cr. to cr.		STRAPPED OR LAPPED.
	Breadth. Inches.	Thickness. Inches.	Thickness. Inches.	Thickness. Inches.					Inches.	Inches.	
FLAT PLATE KEEL	49	78	68	68	✓	DOUBLE	7/8 3 1/2	FOUR	1"	3 1/2	LAPPED.
" DBLG. (if any)	3 STRAKES OF BOTTOM PLATING INCREASED TO .66 FROM 1/2 LENGTH FOR TO COLLISION BULKHEAD.										
BOTTOM PLATING, No. of Strakes .. FOUR ..		.60	.46	.46	✓		7/8 3 1/2	THREE	7/8	3 1/8	"
BILGE PLATING, No. of Strakes .. ONE ..		.60	.46	.46	✓		" "	"	"	"	"
SIDE PLATING, No. of Strakes .. THREE ..		.60	.44	.44	✓		" "	"	"	"	"
UPPER DECK, Sheer-strake in Wells	73	84	.44	.44	✓		1" 4"	FIVE TO FOUR	1"	4 1/4	"
UPPER DECK, Sheer-strake in Bridge60			✓		7/8 3 1/2	THREE	7/8	3 1/8	"
STRAKE BELOW Sheer-strake in Wells	73	70	.44	.44	✓		" "	FOUR	"	3 1/2	"
STRAKE BELOW Sheer-strake in Bridge60			✓		" "	THREE	7/8	3 1/8	"
POOP SIDE PLATING63		.38	✓	SINGLE	3/4 3	TWO	3/4	2 5/8	"
BRIDGE SIDE PLATING58			APPROVED .58	DOUBLE	7/8 3 1/2	TOP STRAKE FOUR LOWER " THREE	7/8	3 1/8	"
FORECASTLE SIDE PLATING40		✓	SINGLE	3/4 3	TWO	3/4	2 5/8	"

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel ..	6	✓
Extending to Upper Deck (Sec. 3 c) ..	6	✓
" Deck next below ..	✓	
As per Rule ..	6	✓

STIFFENERS.

	Plating Thickness.	VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper tween decks ..	86-8	.26	5 x 3 x 36 ANG.	31"	✓
" " Second " ..					
" " Third " ..					
" " Holds			B.A. 10 x 3 1/2 x 44	29"	✓
COLLISION " (in Hold)			51 - 30 7 x 3 x 45 BA 24"	25 SEMI-BOX BEAMS	
AFTER PEAK " ..			50 - 30 6 x 3 x 32 BA 24"	TUNNEL RECESS 4 SEMI-BOX BEAM	

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar			FLAT PLATE KEEL	
STEM			ROLLED 3 1/2 x 2 5/8	
STERN FRAME { Propeller Post	CASTING	10 x 14"	THE STEEL CO OF SCOTLAND	
{ Rudder ..		10 x (32-18)"	Rule 10 5/8 x 7 1/2	
Speed of Vessel			10 1/2 KNOTS	
RUDDER-Type			DOUBLE PLATE STREAM LINED	FRAME MADE BY STROMMERS VERKSTED
" A x D			676	HEAD MADE BY A.B. LINDHOLMER
" Diam. of head	FORGED STEEL	12"		MOTALA
" Mainpiece at top pintle	STEEL	11 1/2 x 11"		RULE DIA. OF HEAD
" " heel ..	CASTING	6 1/2 x 11"		11 1/2
" how constructed			COMPLETE CAST STEEL FRAME	
" double or single plate			46 DOUBLE PLATES	
" coupling, vertical or horizontal			HORIZONTAL COUPLING	

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) (OPEN HEARTH)

COLVILLES, THE STEEL CO OF SCOTLAND, SCOTTISH IRON & STEEL CO.

Has the Steel been tested as required by the Rules? YES ✓

EQUIPMENT No 34629.29										LETTER <i>Y</i>	ANCHORS.		
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.			
35716	1st Bower	60	1	0	Stockless	48	10	0	0	60	Byers Improved Stockless	PER W. L. BYERS & CO. LTD.	SUNDERLAND 12/36 J. H. BUTLER
35727	2nd "	60	1	0	"	48	10	0	0	60	- Do -	Do	" 12/36 "
35734	3rd "	50	3	14	"	42	18	1	21	50 1/2	- Do -	Do	" 20 1/2/36 "
	Collective weight.	171	1	14						170 1/2			
95087	Stream	16	1	21	4	0	21	17	16	1	0	16 1/4	ORD. FGD. WROT. IRON STAYLOR & SONS. NETHERTON 15/36 H. GREEN.

CHAIN CABLES.										HAWSERS AND WARPS.									
Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length and Size per Table 53.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire.	Length and Size per Table 53.			
	Length.	Diam.	Statu- tory.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Fathoms.	Ins.	Fathoms.	Ins.
104300	270	5/8	17/8	88.6	123.9	520.0.7	645	3/4	270	2 3/16	TAYCO'S STEEL LINK.	S. TAYLOR & SONS. NETHERTON 31/3/36 J. A. REID	TOWLINE...	(6x24) 120	4 3/4	64.6	120	4 3/4	
104301	225	5/8	17/8	"	"	20.1.19					"	"	HAWSERS & WARPS	(6x24) 2@90	2 3/4	21.1	2@90	2 3/4	
													"	(6x24) 2@90	2 1/2	17.7	2@90	2 1/2	
Stream Chain Steel Wire	(6x24) 90	4 3/4				64.6			90	4 3/4			"						

Steering Gear, Steam By J. LYNN & CO, SUNDERLAND. Steering Gear, Hand Blocks & TACKLE WORKED FROM AFT WINDCH.

Boats 2-26' & 2-27' LIFEBOATS Steering Chains, Size and Test STEERING ENGINE AFT Windlass SEAM By CLARKE, CHAPMAN.

Ceiling in Holds, thickness and material CEILING 2 1/2" W. P. OVER BILGES ONLY. Cargo Battens, thickness, material and spacing 6" 2 W. P. SPACED 9"

Cargo Hatchways. (Upper Deck) WEBS FITTED WITH T & B PATENT ROLLERS ON L.P. D.K. Thickness of Hatches 2 1/2" W. P. SOLID.

Size of No. 1 Hatchway (Forward) 24' 9" x 18' 0" No. 2 30' 4" x 18' 0" No. 3 16' 4" x 18' 0" No. 4 30' 4" x 18' 0" No. 5 25' 8" x 18' 0" No. 6 ✓

Number of Shifting Beams and/or Fore and Afters. No. 1 - 4 : No. 2 - 5 : No. 3 - 3 : No. 4 - 5 : No. 5 - 4.

Builder's Signature *Rampbell*

GENERAL DECLARATION. It should be stated (a) whether the vessel (if not a motorship) is fitted for the carriage and burning of oil used as fuel No

(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo ✓ The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.

This vessel has been built in accordance with the approved plans and in general conformity with the Society's rules for the class contemplated.

The materials & workmanship are of good quality.

All the double bottom tanks and fore & after peak tanks have been tested as required by the rules & found satisfactory.

The weather decks & watertight bulkheads were hose tested & found satisfactory.

The freeboard has been verified & the marks cut in on the vessel's sides.

Classification certificates are required in duplicate.

Duplicate interim certificates have been issued copy of which is attached herewith.

The amount of Entry Fee £ 8 : 0 : 0

Special Survey Fee £ 324 : 1 : 0

FREEBOARD 15 : 0 : 0

Travelling Expenses, if any £ : :

Fees applied for, 18th JUNE 1936

Received by me, 22.6.1936

(Special notations, where part of class, to be stated.)

I am of opinion the Vessel should be Classed 100 A1.

State whether the Vessel has been built under Special Survey YES.

Signature *Renneth Inglis*
Surveyor to Lloyd's Register of Shipping.

In Duplicate Certificate to be sent to GREENOCK OFFICE Date of issue 26/6/36.

Committee's Minute GLASGOW 23 JUN 1936

Character assigned + 100 A1

Lloyd's Assoc.

+ L.M.C. 6.36.

F.D.



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Lloyd's Register

002711-002716-00436 (2/2)

GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

This vessel is a sister vessel to the S. S. Galaganga, Messrs Lillgows Ltd No 881 & Greenock first entry report No 20151. and the S. S. Galaduta, Greenock first entry report No 18823.

Plans of vessel as built, approved plans, and forging reports are forwarded as per separate sheet.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book.

Particulars of **Drop Test** of Cast Steel Anchors, viz.:—
Weight, Surveyor's Initials, Number of Certificate, Date of Test.

WT OF HEAD ANCHS.
1st Bower 38-0-0 : J.D. : 991 : 31/1/36
2nd „ 37-2-21 : J.D. : 988 : 31/1/36
3rd „ 33-2-0 : J.D. : 553 : 1/6/35

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 40.25 ft., R.Q.D. ✓ ft., Bridge 144.6 ft., Forecastle 31.6 ft. (in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated ✓

No. and Material of Decks 2 Dks

Official No. ; Signal Letters Is bottom of vessel coated with cement YES. if not give particulars of composition.

PARTICULARS OF WATER BALLAST.

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	114.3	318	Fore peak tank,		78✓
Double bottom, under Engines and Boilers,			After peak tank,		47✓
Double bottom, if under Engines only,	23.3	102	Deep tank, aft,		
Double bottom, if under Boilers only	23.3		Deep tank, forward,		
Double bottom, forward,	182.1	627	Other tanks, if fitted,		
Total capacity of double bottom		1047	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks (See Circular No. 1284).

Order for Special Survey No. 3340.

Date 16th SEPTEMBER 1935.

Dates of Surveys held while building

(1935) Aug. 4. SEPT. 10. 13. 16. 19. 26. OCT. 2. 9. 11. 15. 23. NOV. 1. 4. 11. 12. 13. 14. 15. 18. 19. 20. 25. 26. DEC. 3. 4. 6. 9. 10. 11. 12. 13. 18. 20. 23. 26. 29. 30.
(1936) JAN. 6. 9. 14. 14. 24. FEB. 5. 12. 13. 14. 20. 25. 28. MAR. 16. 18. 20. 23. 24. 31. APRIL 1. 8. 10. 15. 21. 22. 23. 24. 28. 29. 30. MAY 1. 2. 4. 6. 8. 14. 25. 28. 29. JUNE 3. 8. 14.

Total No. of Visits 80.