

STEEL STEAMER or MOTORSHIP.

Received at London Office 22 OCT 1924

State if Report has been sent on the Freeboard of the Vessel *Yes*State if Report is sent on the Machinery of the Vessel *Yes*

Date of completion of report

Port of **NEWCASTLE-ON-TYNE**No. **78431**Survey held at *Hebburn-on-Tyne*Date First Survey *20th August 1923*Last Survey *13th October*19 *24*

On the

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

Twin Sc. steel steamer "TALAMBA"

State Type

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

Complete Superstructure (Tonnage Openings in sides)

State Type of Erections

Bridge Forecastle over superstructure

TONNAGE under Tonnage Deck...

*5978.73*CLASS *100A1*State if with freeboard as condition of Class *with*Built at *Hebburn-on-Tyne*

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

469.56

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a)

*L 449.25*Launched *16th July 1924* Yard No. *533*

Total

6448.29

Breadth (greatest moulded)

*B 60.00*Builders *R.W. Hawthorn Leslie & Co. Ltd.*

Gross Tonnage

8017.63

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

*D 41.00*Owners *British India S.N.Co.*

Register Tonnage

*3844.44*1st Longitudinal Number (L x D) = *18419*

Managers

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

2nd Numeral L x (B + D) = *45374*

Residence

REGISTERED DIMENSIONS.

FEET.

Length

450.8

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

*20.75*Port of Registry *London*

Breadth

60.3

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

10.95

If surveyed while building, afloat, or in dry dock

Depth

29.7

Do. Long Bridge to top of keel

*9.16**Building, afloat and in dry dock*Draught Moulded *26' 8 3/4*

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.
Spacing amidships	36	✓	Bracket Floors, Frame	3A	9 3 1/2 50 ✓
" from 1/2 length to Collision bulkhead	27	✓	" " Reversed Frame	3A	8 1/2 3 50 ✓
" in peaks	24	✓	" " Vertical Struts	3A	8 1/2 3 50 ✓
HING.			Centre Girder, depth and thickness amidships		46 63 ✓
amidships, Angle, E or C	8 1/2 3 1/2 52 ✓		" " top Angle	one	6 6 65 ✓
" Extends up to	uppermost continuous deck & bridge dk alternately		" " bottom Angles	2	5 5 67 ✓
Frame Amidships, Angle	8 1/2 3 1/2 45 ✓		Side Girders, No. each side and thickness	2 2	45 ✓
" Extends up to	3 rd deck	✓	Margin Plate with depth (excl. of flange) and thickness	60" x	57 ✓
Framing Girder in lower hold	12 1/2	✓	" Horizontal Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	6 6	54 ✓
Uppermost Continuous 'tween Decks, Angle, E or C	as above & intermediate frames 9 4 x 3 1/2 x 38 angle ✓		" " Vertical Angle to Tank side Bracket forward 1/4 len. from stem	6 6	54 ✓
Second 'tween Decks, Angle, E or C	8 1/2 3 1/2 52 ✓		" " Gussets, spacing and scantling abaft 1/4 len. from stem	✓	
Third " " " "	—		" " Gussets, spacing and scantling forward 1/4 len. from stem	✓	
Peaks, Angle or C	8 1/2 3 1/2 44 ✓		Tank Side Brackets, height above base line at toe of Frame and thickness	7' 4 1/2	✓
and Spacing of Rivets through Shell Plating	7/8" dia 5 1/2 x 7 dia 7		INNER BOTTOM PLATING.		
Time Joggled	yes	✓	Breadth and thickness of Middle Line Strake	56 57	✓
ARRANGEMENTS (Sec. 7), state system and particulars	4 web frames & 3 stringers	✓	Thickness of remainder in Holds	50 increased 108 under hatchways in lieu of ceiling	✓
NING OF BOTTOM FOR.	double bottom frames & alpha intercostals		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	✓
State Particulars	bottom plating and thickness	✓	BEAMS.		
TOM.			Uppermost Continuous Deck, amidships in Wells, Angle, E or C	9 3 42	8 1/2 x 3 1/2 x 58 app. also
th and thickness at mid-line in Holds	—		" " in way of Bridge, Angle, E or C	" "	✓
ght of Brackets at side above base line at toe of frame	—		Spacing	36"	✓
Keelson, on Floors, Angles, E or C	—		Second Deck, amidships, Angle, E or C	9 3 1/2 54	✓
" Through Plate or Intercostal Plate	—		Spacing	36	✓
" Foundation Plate on Floors	—		Third Deck, amidships, Angle, E or C	10 3 1/2 54	✓
" Flat Plate Keel Angles	—		Spacing	36"	✓
as, No. each side	—		Fourth Deck, amidships, Angle, E or C	—	
thickness of Intercostal Plate	—		Spacing	—	
Angles	—		Poop Deck, Angle, E or C	—	
TOM.			Spacing	—	
thickness and spacing	46" 72	✓	Bridge Deck, Angle, E or C	9 3 42	8 1/2 x 3 1/2 x 58 app. also
Are Frame and Reversed Frame joggled?	yes	✓	Spacing	36	✓
ors, breadth and thickness at middle line	2' 10 1/2" x 46	✓	Forecastle Deck, Angle, E or C	11 3 1/2 48	✓
breadth and thickness at margin plate	4' 8" x 46	✓	Spacing	alternate frames	✓

W264-0227 11/2

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			see app'd plan	Stringer Plate, breadth and thickness in way of Bridge	50	39		
" in 'tween Decks, Size and Spacing.....	3 1/2	2 3/4	3 1/2		Thickness of Plating abreast Deck openings in way of Wells		41		
" " " " " "	3 1/2	3 1/4	3 1/2		Thickness of Plating abreast Deck openings in way of Bridge		35		
" in Holds " "	wide spaced tubular pillars			see app'd plans	If Sheathed, material and thickness		2 1/2		
" " " " " "					Third Deck.				
Centre Line Bulkhead.					Stringer Plate, breadth and thickness.....	50	39		
Stiffeners and Spacing.....					" " " " " " "	Boiler space	70		
Plating, thickness of					If Plated, state thickness.....		37		
STRINGERS AND DECKS.					Fourth Deck.				
Uppermost Continuous Deck.					Stringer Plate, breadth and thickness.....				
Stringer Plate, breadth and thickness in Wells	64	66			If Plated, state thickness				
" " " " in way of Bridge	64	44			Poop Deck.				
" Angle in Wells	6	6	66		Stringer Plate, breadth and thickness	64	49		
Thickness of Plating abreast Deck openings in way of Wells		44			Plating, Sheathing, material and thickness	42	2 1/2 Teak		
Thickness of Plating abreast Deck openings in way of Bridge		41			Bridge Deck.				
If Sheathed, material and thickness	5 x 2 1/2				Stringer Plate, breadth and thickness.....	64	49		
Second Deck.					Plating, Sheathing, material and thickness	42	2 1/2 Teak		
Stringer Plate, breadth and thickness in Wells...	50	45			Forecastle Deck.				
					Stringer Plate, breadth and thickness.....	36	32	38	
					Plating, Sheathing, material and thickness	34 x 40	4 1/2 Teak		

SHELL PLATING.

SCANTLINGS.					RIVETING.				
STRAKES.	AS IN VESSEL.				EDGES. State if joggled?				
	AMIDSHIPS.		FORWARD.	AFT.	SINGLE OR DOUBLE.	RIVETS.		BUTTS.	STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.		Diam.	Spacing cr. to cr.		
FLAT PLATE KEEL	55	86	76	76	double	1"	4d	Quad	1" 3 1/2d
" DBLG. (if any)									
A.B. C.D. BOTTOM PLATING, No. of Strakes		70	64	70	"	7/8	4d	Quad	7/8 3 1/2d
E.F. BILGE PLATING, No. of Strakes		70	52	70	"	"	"	Quad.	" "
G.H.J.K. SIDE PLATING, No. of Strakes		68	50	50	"	"	"	Treble	" "
UPPER DECK, Sheer-strake in Wells.....	58	75	50	50				Quad to Treble	" "
UPPER DECK, Sheer-strake in Bridge ...		68						Quint of treble	" "
M. STRAKE BELOW Sheer-strake in Wells.....		70	50	50	double	"	"	Quad	" "
M. STRAKE BELOW Sheer-strake in Bridge ...		68			double	"	"	Quad	" "
POOP SIDE PLATING									
BRIDGE SIDE PLATING ...		57			double	7/8	4d	Treble	7/8 3 1/2d
FORECASTLE SIDE PLATING		44			double	3/4	4d.	Double	3/4 3 1/2d

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel.....	10
" C.B. - great Continuous Bulkhead, Extending to Upper Deck (Sec. 3 c)	1
" Deck next below.....	9
As per Rule.....	7

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar		Plate		
STEM	Forging	10 1/2 x 2 3/4	Drummond & Thompson	
STERN FRAME { Propeller Post	Castings	see plan	Darlinton Forge	
{ Rudder	"			
RUDDER-A x D.....		710-53		
Speed of Vessel.....		16 knots		
RUDDER mainpiece at head ...	Forging	13 "	Darlinton	
" " heel ...		9 3/4 "	Forge	
" how constructed		round main piece, arms shrunk & keyed		
" double or single plate		single		
" coupling, vertical or horizontal.....		horizontal		

STEEL.

Manufacturer's name or trade mark of the Steel used in the construction of the Vessel (state process of manufacture)	South Durham, Cargo Flat.
Has the Steel been tested as required by the Rules?	Yes

Based as per below see "It"

EQUIPMENT No. 45377 48185, LETTER <i>dt.</i>										ANCHORS.	
Number of Certificate.	Anchor.	WEIGHT, EX. STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE			Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	
58112	1st Bower ...	81	0	10				59	0	0	Halls Rotherham
58022	2nd „ ...	80	3	14				59	0	0	„ „
58061	3rd „ ...	69	3	21				53	15	0	„ „
	Collective weight.	231	3	17							
24182	Stream	23	3	14	6	1	0	23	15	2	5 Taylor Sons & Walker 21.5.24 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.	Ins.	Tons.	Length. Cir.	Ins.		
	Fathoms.	Ins.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.				Fathoms.	Ins.		Fathoms.	Ins.		
13861	300 2 1/2	112 1/2	157 1/2	947	2	7	940.	300 2 1/2	stud	5 Taylor Sons	L. Walker 29.5.24 Green	TOWLINE...	130	6	114	130	6		
Iron Stream Chain or Steel Wire												HAWSERS & WARPS	4-100/100	8"	8.9	4-100	8"		
												"	100/100	1 3/4	11.7			owners	
												"	300 -	2 1/2	18.2			exhibn	

Steering Gear, Steam *Hastie Co. (Wilson Pirrie Type)* Steering Gear, Hand *tackles led to winch*

Boats *14 @ 28' 2 @ 20' 1 @ 24'* Steering Chains, Size and Test *no chains* Windlass *Clarke Chapman*

Ceiling in Holds, thickness and material *None* Cargo Battens, thickness, material and spacing *2" W.P. Horizontal in No. 1 & 5 holds 9" space*

Cargo Hatchways.-(Upper Deck) *5 in number (as appd)* Thickness of Hatches *3"*

Size of No. 1 Hatchway (Forward) *18' x 16'* No. 2 *20' 6" x 16'* No. 3 *23' 6" x 16'* No. 4 *18' x 16'* No. 5 *18' x 16'* No. 6

Number of Shifting Beams and/or Fore and Afters *3 in No. 1, 2, 4 & 5, 4 in No. 3.*

Builder's Signature *Wm. T. Bailey* *per L. Walker*

GENERAL DECLARATION *This vessel has been built in accordance with the approved plans, the Society's Rules and the Committee's instructions. The workmanship and materials are good and to my satisfaction. All ballast tanks, feed & structural F.W tanks, oil fuel bunkers settling overflow tanks have been tested under rule pressure. Decks & hatchways have been tested by flooding & w.T bulkheads by hose. Tunnel, see letter. The assigned freeboard has been marked on ships sides verified & set in. Approved plans and midship section as built are forwarded herewith. Approved plans are as follows:- Midship Section, Profile & decks, stern frame & rudder. Pumping arrangements, Propeller brackets, Bottom for strengthening, frame & web frame connection in fore hold, aft body bulkheads, fore body bulkheads, oil fuel bunkers, air overflow pipes to bunkers, Tunnel & flat, non return valves (2 plans) Pillars & girders, F.W tanks, Base framing, F.W tanks filling & air pipes, Tobacco in way of openings. Tween deck holds 90 & 91, Cargo hatchways, 1st class saloon, Smoking & Music Rooms, Funder in way of Refrigerated store, Relieving tackles, Gangway & cargo doors, W.P. doors, Flaps over shell openings, Boat Deck, Armoured freeing ports, Stiffening under davits.*

Freeboard Fee £114

The amount of Entry Fee £ 11 : 0 : 0

Special Survey Fee.... £ 400 : 9 : 0

Travelling Expenses, if any £ : :

Fees applied for, 15 Oct 1924

Received by me, *2200*

I am of opinion the Vessel should be Classed *+ 100 A. 1.*

with freeboard

State whether the Vessel has been built under Special Survey *yes*

Signature *E. L. Browne*

Surveyor to Lloyd's Register of Shipping.

Hull & Machinery Certificate to be sent to *Newcastle* Date of issue *24/10/24*

Committee's Minute *FRI. 24 OCT 1924*

Character assigned *100 A 1*

with freeboard

Lloyd's Arb. O.

Wm. T. Bailey

per L. Walker

listed for oil fuel 10.24

F.O. above 150° F.

F. A. C. L.

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.)

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

1st Bower	50-536	53-2-0	W.M.	mdt	30/4/24	5471
2nd "	50-607	53-3-14	"	"	28/2/24	5366
3rd "	40-768	43-1-21	"	"	28/3/24	5417

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop — ft., R.Q.D. — ft., Bridge 207 ft., Forecastle 48-7 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated —

No. and Material of Decks and No. of tiers of Beams (this information is to be given as it should appear in the Register Book)

3 dks (stl) - Weather & Leaks

Official No. 147734 ; Signal Letters K.R.L.S

If bottom of Vessel has been coated Inside Yes

particulars of composition Portland Cement clear of oil fuel; in oil fuel - oil resisting composition.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capa Tons.
Double bottom, aft,	96'	199	Fore peak tank,		94
Double bottom, under Engines and Boilers,			After peak tank,		110
Double bottom, if under Engines only, feed water	33-0"	139	Deep tank, aft,		
Double bottom, if under Boilers only, oil fuel	111-0	479 (O.F.)	Deep tank, forward,		
Double bottom, forward,	146-3"	407	Other tanks, if fitted,		
Total capacity of double bottom		1244	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No. 5057

Date

20/10/23

Dates of Surveys held while building

1923
Aug 20, Sep 3, 4, 10, 14, 18, 20, 27, 28, Oct 2, 4, 5, 8, 10, 12, 15, 17, 22, 26, Nov 5, 9, 28, Dec 3, 5, 7, 10, 12, 14, 19, 24, 28, Jan 3, 8, 15, 25, 28, 31, Feb 1, 8, 15, 20, 26, 28, Mar 3, 5, 10, 19, 21, 25, Apr 10, 24, May 7, 9, 13, 14, 15, 19, 20, 22, 23, 30, June 4, 6, 13, 19, July 7, 8, 11, 15, 16, 23, 29, Aug 17, 20, 29, Sept 1, 10, 11, 13, Oct 1, 8, 9, 13.

Total No. of Visits

85