

LAST RPT NO 6043

PORT TRI

16 JUN 1925

Rpt. 1.

STEEL STEAMER or MOTORSHIP.

Received at London Office

NOTED FOR POSTING

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

12th June 1925.

Port of

WEST HARTLEPOOL

No.

16305.

Survey held at

WEST HARTLEPOOL

Date First Survey

24th April 1925

Last Survey

8th June

1925

On the

(State if Machinery fitted with Single, Double or Triple Screw)

SINGLE SCREW STEAMER

"LIMA" 99806

State Type

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

FULL SCANTLINGS.

State Type of Erections POOP, BDG^s & FCT^s

TONNAGE under Tonnage Deck

CLASS

100A1.

State if with freeboard as condition of Class

NO.

Built at

WEST HARTLEPOOL

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

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

L 352.9

Launched 22nd OCT^r 1907 Yard No. 306.FURNESS WITHY & CO^s L^{td}Builders (Now IRVINES' S.B. & D.D. CO^s L^{td})

Total

Breadth (greatest moulded)

B 45.0

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

D 28.83

Owners BENS AUDE & CO^s

Gross Tonnage

3865.39

Register Tonnage

2311.58

1st Longitudinal Number (L x D)

= 10174.10

Managers

D^{rs}

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

2nd Numeral L x (B + D)

= 26054.60

Residence

LISBON

REGISTERED DIMENSIONS.

Length

107.31 Metres

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

12.24

Breadth

13.74

Do. Long Bridge to top of keel

9.58

Depth

7.94

Draught Moulded

24'-13/4"

YES. FOR CLASSIFICATION.

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.
MES, Spacing amidships	✓	26	✓		Bracket Floors, Frame	DOUBLE	3 1/2	3 1/2	17/40
" " from 1/2 length to Collision bulkhead	✓	"	✓		" " Reversed Frame	✓	"	"	✓
" " in peaks	✓	17 1/2	✓		" " Vertical Struts	✓	"	"	✓
FORE	✓	26	✓		Centre Girder, depth and thickness amidships	✓	43	17/40	✓
AFTER	✓	26	✓		" " top Angles	✓	3 1/2	3 1/2	17/40
E FRAMING.					" " bottom Angles	✓	6	4	19/40
Frame Amidships, Angle, E or C	✓	10 3 1/2 26/40	✓		Side Girders, No. each side and thickness	✓	TWO	16/40	✓
" " Extends up to	✓	3 1/2 3 1/2 17/40	✓		Margin Plate depth (excl. of flange) and thickness	✓	29	18/40	✓
Reversed Frame Amidships, Angle	✓	AN FLOORS 3 1/2 3 1/2 17/40	✓		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	✓	3 1/2 3 1/2 17/40	✓	
" " Extends up to	✓	MARGIN TO MARGIN	✓		" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	✓	3 1/2 3 1/2 17/40	✓	
Depth of Framing Girder	✓	10"	✓		" " Gussets, spacing and scantling abaft 1/2 len. from stem	✓	24x24x 17/40	✓	
Frames in Uppermost Continuous 'tween Decks, Angle, E or C	✓	10 3 1/2 26/40	✓		" " Gussets, spacing and scantling forward 1/2 len. from stem	✓	D ^{rs} D ^{rs}	✓	
" " Second 'tween Decks, Angle, E or C	✓	"	✓		Tank Side Brackets, height above base line at toe of Frame and thickness	✓	66	17/40	✓
" " Third " " "	✓	"	✓		INNER BOTTOM PLATING.				
Framing in Peaks, Angle or C	✓	10 3 1/2 26/40	✓		Breadth and thickness of Middle Line Strake	✓	60	20/40	✓
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	✓	7/8 6 1/4	✓		Thickness of remainder in Holds	✓		16/40	✓
State if Frame Joggled	✓	No	✓		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.		✓
STIFFENING ARRANGEMENTS (Sec. 7), state system and particulars	✓	EXAMINED & FOUND SATISFACTORY.	✓		BEAMS.				
LENGTHENING OF BOTTOM FORWARD. State Particulars	✓	D ^{rs} D ^{rs}	✓		Uppermost Continuous Deck, amidships	✓	8	3	20/40
DOUBLE BOTTOM.					" " in Wells, Angle, E or C	✓	8	3	20/40
Floors, Depth and thickness at mid-line in Holds	✓	"	✓		" " in way of Bridge, Angle, E or C	✓	26		✓
Height of Brackets at side above base line at toe of frame	✓	"	✓		Spacing	✓	9 3 1/2	22/40	✓
Middle Line Keelson, on Floors, Angles, E or C	✓	"	✓		Second Deck, amidships, Angle, E or C	✓	9 3 1/2	22/40	✓
" " Through Plate or Intercoastal Plate	✓	"	✓		Spacing	✓	26		✓
" " Foundation Plate on Floors	✓	"	✓		Third Deck, amidships, Angle, E or C	✓	"	"	✓
" " Flat Plate Keel Angles	✓	"	✓		Spacing	✓	"	"	✓
Side Keelsons, No. each side	✓	"	✓		Fourth Deck, amidships, Angle, E or C	✓	"	"	✓
" " thickness of Intercoastal Plate	✓	"	✓		Spacing	✓	"	"	✓
" " Angles	✓	"	✓		Poop Deck, Angle, E or C	✓	9 3 1/2	22/40	✓
DOUBLE BOTTOM.	✓	16/40 26"	✓		Spacing	✓	52		✓
Solid Floors, thickness and spacing	✓	"	✓		Bridge Deck, Angle, E or C	✓	9 3 1/2	22/40	✓
" " Are Frame and Reversed Frame joggled?	✓	No	✓		Spacing	✓	52		✓
Bracket Floors, breadth and thickness at middle line	✓	"	✓		Forecastle Deck, Angle, E or C	✓	9 3 1/2	26/40	✓
" " breadth and thickness at margin plate	✓	"	✓		Spacing	✓	52		✓

PILLARS AND DECKS.			
	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.	
PILLARS, No. of Rows.....	THREE	/	
" in 'tween Decks, Size and Spacing.....	CENTRE 3 1/2 " 52"	/	
" " " " QUARTER 3 " 104		/	
" in Holds " CENTRE 4 3/8 " 52		/	
" " " " QUARTER 4 1/4 104		/	
Centre Line Bulkhead.			
Stiffeners and Spacing.....			
Plating, thickness of			
STRINGERS AND DECKS.			
Uppermost Continuous Deck.			
Stringer Plate, breadth and thickness in Wells	48 25/40	/	
" " " " in way of Bridge	48 25/40	/	
" Angle in Wells	5 4 1/2 19/40	/	
Thickness of Plating abreast Deck openings in way of Wells	20 15/40	/	
Thickness of Plating abreast Deck openings in way of Bridge	20/40	/	
Thickness of Plating within line of openings.....	12/40	/	
If Sheathed, material and thickness	3/16 PINE IN ERECTIONS. 3 TEAK IN WELLS	/	
Second Deck.			
Stringer Plate, breadth and thickness in Wells...	48 20/40	/	
Stringer Plate, breadth and thickness.....			
Plating, Sheathing, material and thickness			
Third Deck.			
Stringer Plate, breadth and thickness.....			
If Plated, state thickness.....			
Fourth Deck.			
Stringer Plate, breadth and thickness.....			
If Plated, state thickness			
Poop Deck.			
Stringer Plate, breadth and thickness	42 16/40	/	
Plating, Sheathing, material and thickness	16/40 TIE PLATE 3" TEAK.	/	
Bridge Deck.			
Stringer Plate, breadth and thickness.....	42 16/40	/	
Plating, Sheathing, material and thickness	11/40; 3" TEAK.	/	
Forecastle Deck.			
Stringer Plate, breadth and thickness	30 1/2 16/40	/	
Plating, Sheathing, material and thickness	10/40; 3" TEAK.	/	

SCANTLINGS.				RIVETING.									
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES State if Joggled?		BUTTS.					
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		NO. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.	
	Breadth.	Thickness.	Thickness.	Thickness.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.		
	Inches.	Inches.	Inches.	Inches.									Inches.
FLAT PLATE KEEL	37 1/2	37	27	27		2 R.	1 1/8	4 1/2	DOUBLE STRAPS	3 R.	1 1/8	4	STRAPPED
GARBOARD. Date (if any)		27	23	25		"	7/8	3 1/4	3 R.	1	3 1/2		LAPPED.
BOTTOM PLATING, No. of Strakes		25	25	20		"	"	"	"	7/8	3 1/8		"
BILGE PLATING, No. of Strakes		29	36	22		"	1	3 3/4	"	1	3 1/2		"
SIDE PLATING, No. of Strakes		24	36-19	19		"	7/8	3 1/4	"	7/8	3 1/8		"
UPPER DECK, Sheer-strake in Wells	48	34	21	21		"	1	3 3/4	DOUBLE STRAPS	3 R.	1	3 1/2	STRAPPED
UPPER DECK, Sheer-strake in Bridge ...	"	28	.	.		"	7/8	3 1/4	D ^e	"	"		D ^e
STRAKE BELOW Sheer-strake in Wells		AS PER SIDE PLATING.				
STRAKE BELOW Sheer-strake in Bridge ...		D ^e	D ^e			
POOP SIDE PLATING	14		1 R.	3/4	3	3 R.	3/4	3		LAPPED.
BRIDGE SIDE PLATING ...	20	18	.	.		2 R.	"	"	"	"	"		"
FORE'TLE SIDE PLATING			15	.		1 R.	"	"	"	"	"		"

Total No. of W.T. BULKHEADS in Vessel—

Extending to Upper Deck (Sec. 3 c) EIGHT.

„ „ Deck next below ONE (AFT PEAK) ✓

As per Rule SIX. ✓

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
<i>RUBBING.</i>				
KEEL, ^A Bar	FORGED	9"x3"	NOT STATED.	
STEM	"	11 x 3	"	
STERN FRAME { Propeller Post	"	11 x 6 7/8	"	
{ Rudder ..	"	11 x 6 7/8	"	
RUDDER—A x D		450	"	
Speed of Vessel		12 KNOTS	"	
RUDDER mainpiece at head ..	"	9 3/8	"	
" " heel ..	"	6 5/8	"	
" " how constructed ..		FORGED & BUILT.		
" double or single plate ..		SINGLE PLATE	1"	
" coupling, vertical or ..		HORIZONTAL.		
" horizontal				

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) SIEMENS
PLATES:- STH DURHAM C^O
BULBS, E^T:- CARGO FLEET & PALMER'S
 Has the Steel been tested as required by the Rules? TESTED BY GERMANISCHER LLOYD, ALSO SEE LETTERS FROM MAKERS.

Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 53.		Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Owts.	qrs.	lbs.	Owts.	qrs.	lbs.	Tons.	Owts.	qrs.	lbs.	Owts.				
10881	1st Bower ...	64	1	4	STOCKLESS	50	12	2	10	52	2	0	BALDT PAT.	BALDT ANCHOR CO.	PHIL. 26-T. 20. W.S.M. NAB.	
59907	2nd " ...	51	2	21	D:	43	9	1	14	52	2	0	HALLS "	HINGLEY & SONS.	NETH. 30-T. 10-T. H. GREEN.	
28869	3rd " ...	48	1	0	D:	41	5	2	14	44	2	0	BYERS "	BYERS & CO.	SLP 8-5-20 J.H. BUTLER.	
	Collective weight.	164	0	25	✓					✓	149	2	0			
23023	Stream	14	0	4	✓	13	2	20	15	12	2	0	✓	14	0	0
													ORDINARY	SYKES & SON	CRH 3-8-16 S.C. PAUL.	

Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length and Size per Table.		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.	Stations.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.					Fathoms.	Ins.		Fathoms.	Ins.	Fathoms.
42175	135	2 1/8	75%	107 1/2	287-2-0	573-3-0	270	2 1/8	STOP LINK	HINGLEY & SONS, NETH.	30.10.07	H. GREEN	S.W. TOWLINE	120	4 1/2	59	120	4 1/2
42172	135	2 1/8	"	"	287-1-13	574-3-13			D°	D°	D°	"	"	"	"	"	"	"
42173	270	4 1/2					90	4 1/2	S.W.	BULLIVANT & CO								

GENERAL DECLARATION This vessel was built in 1907 by Messrs. Furness, Withy & Co. (now
Imrie's L. B. & D. D. Co.) to class with the Germanischer Lloyd, and as shown
on the plans of midship section, Profile, deck plans, & pumping plan now
enclosed.

The following details, as per the Secretary's letter (N) 27th April 1925
have been examined & found satisfactory viz:- the strengthening of the bottom
forward; the bracing arrangements; the tunnel; the widely spaced
pillars & girders in No. 2/3 holds; the strengthening of the ends of the Bridge,
& the riveted connections at the tank margin plate especially forward.

The requirements of the Rules for ships not built under survey have
been complied with & the side coamings of No. 3 hatchway have been addition-
ally supported by a horizontal bulk angle & a stay each side.

Letters are attached received by the Builders from Messrs. The ^{1st} Durham Co.
P.T.O.

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

Lloyd's Register
Foundation

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.)

+ the large fleet regarding the steel used in the construction of this vessel. Test pieces were taken from damaged shell plates of the vessel & tested by our Surveyor at the South Durham Co's Works with satisfactory results (test to herewith).

The steam & hand steering gear, the watertight doors & the forepeak hand pump have been examined under working conditions & found satisfactory. The freeboard has been painted & cut in on the vessel's sides & verified. The vessel is fitted with electric light & wireless telegraphy (Marconi).

D. M. C. Ainslie.
J. E. Snowden

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

1st Bower **NO DROP TEST CERTIFICATE OBTAINABLE**
2nd " D: D: D:
3rd " 29-1-25; M.B.; 2349; 27-2-25.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 40 ft., R.C.D. ✓ ft., Bridge 115 ft., Forecastle 69 ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated.

No. and Material of Decks (this information is to be given as it should appear in the Register Book) 2 DECKS (STEEL - W.S.)

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,	84.5	106.	Fore peak tank,	-	35.
Double bottom, under Engines and Boilers,	-	-	After peak tank,	-	17.
Double bottom, if under Engines only,	28.16	104.	Deep tank, aft,	-	-
Double bottom, if under Boilers only,	49.8	154.	Deep tank, forward,	-	-
Double bottom, forward,	138.0	285.	Other tanks, if fitted,	-	-
Total capacity of double bottom		649.	(If necessary, furnish further information by sketch.)		

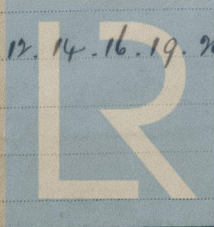
* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No. ✓

Date 10th S. 90.4.75

Dates of Surveys held while building

1975. April 24. 28. 30 May 4. 6. 8. 12. 14. 16. 19. 20. 22. 25. 28 June 5. 8.



Lloyd's Register
Foundation

Total No. of Visits 16