

STEEL STEAMER or MOTORSHIP.

Received at London Office

State if Report has been sent on the Freeboard of the Vessel

State if Report is sent on the Machinery of the Vessel

Date of completion of report

Port of

Survey held at

Date First Survey

Last Survey

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

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

TONNAGE under Tonnage Deck

CLASS

100 A.1

State if with freeboard as condition of Class

Yes

State Type of Erections

Built at

Fele on Skel. dk.

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

Total

Gross Tonnage

Register Tonnage

REGISTERED DIMENSIONS.

FEET.

Length

Breadth

Depth

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

Breadth (greatest moulded)

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

1st Longitudinal Number (L x D)

2nd Numeral L x (B + D)

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

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

Do. Long Bridge to top of keel

Draught Moulded

FEET.

L 400

B 54.04

D 36.25

= 14500

= 36117

23.83

11.03

24.934

Launched 29th Aug. '27 Yard No. 992

Builders Wm Gray & Co Ltd

Owners The Tatem Steam Navigation Co Ltd

Managers

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

Residence Cambrian Buildings Cardiff

Port of Registry LONDON

If surveyed while building, afloat, or in dry dock

Whilst building & afloat

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	31		Bracket Floors, Frame	L NBS 6 3 1/2 45	
" " from 1/2 length to Collision bulkhead	27		" " Reversed Frame	L 5 1/2 3 45	
" " in peaks	24		" " Vertical Struts	L 10 x 3 1/2 x 3 1/2 x 42	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	42 1/2 x 55	
Frame Amidships, Angle, [or]	O.B.S. 12 x 3 1/2 x 3 1/2 x 62"	12 x 3 1/2 x 3 1/2 x 60" NBS app'd	" " top Angles	3 1/2 3 1/2 53	
" " Extends up to	Second deck. & to upper dk on strong hatch and trans.		" " bottom Angles	4 4 59	
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness	One 41	
" " Extends up to	✓		Margin Plate	HORIZONTAL WIDTH 54 x 50	
Depth of Framing Girder	12		" " Vertical Angle to Tank side	6 6 48	Reverse bar on floor increased piece to 10" beyond leg on tank side with a 6" for aft flange
Frames in Uppermost Continuous 'tween Decks, Angle, [or]	L 6 3 1/2 38	6 x 3 1/2 x 50 Angle	" " Vertical Angle to Tank side	6 6 48	Reverse bar on floor increased piece to 10" beyond leg on tank side with a 6" for aft flange
" " Second 'tween Decks, Angle, [or]	✓		" " Gussets, spacing and scantling	6 6 48	Reverse bar on floor increased piece to 10" beyond leg on tank side with a 6" for aft flange
" " Third " " " "	✓		" " Gussets, spacing and scantling	do	Reverse bar on floor increased piece to 10" beyond leg on tank side with a 6" for aft flange
Framing in Peaks, Angle or [NBS	7 3 1/2 48		Tank Side Brackets, height above base line at toe of Frame and thickness	6'6"	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 @ 5 1/4		INNER BOTTOM PLATING.		
State if Frame Joggled	Yes		Breadth and thickness of Middle Line Strake	52 1/2 x 51	
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	Side Stringers fitted & panting frames of channel section 1/2 x 4 x 4 x 4 1/2 with 4 x 4 x 44 reverse bar on every frame. Additional intercostals as app'd Double riv frame bottom & thickness of shell bottom maintained		Thickness of remainder in Holds	43	51 in way hatchways in lieu of ceiling
STRENGTHENING OF BOTTOM FORWARD. State Particulars			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	NBS 9 3 1/2 49	
Height of Brackets at side above base line at toe of frame			" " in way of Bridge, Angle, [or]		
Middle Line Keelson, on Floors, Angles, [or]			" " in way of Bridge, Angle, [or]		
" " Through Plate or Intercostal Plate			Spacing	31	
" " Foundation Plate on Floors			Second Deck, amidships, Angle, [or]	NBS 11 3 1/2 50	
" " Flat Plate Keel Angles			Spacing	31	
Side Keelsons, No. each side			Third Deck, amidships, Angle, [or]		
" " thickness of Intercostal Plate			Spacing		
" " Angles			Fourth Deck, amidships, Angle, [or]		
DOUBLE BOTTOM.			Spacing		
Solid Floors, thickness and spacing	41 @ 93		Poop Deck, Angle, [or]		
" " Are Frame and Reversed Frame joggled?	Yes		Spacing		
Bracket Floors, breadth and thickness at middle line	2'8" x 41		Bridge Deck, Angle, [or]		
" " breadth and thickness at margin plate	4'8" x 41		Spacing		
			Forecastle Deck, Angle, [or]	NBS 9 3 1/2 40	
			Spacing	27 x 24	

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.....	<i>One</i>			/	Stringer Plate, breadth and thickness in way of Bridge				
" in 'tween Decks, Size and Spacing.....	<i>2 7/8 dia on alternate trams</i>			/	Thickness of Plating abreast Deck openings in way of Wells	<i>36</i>			/
" " " " "				/	Thickness of Plating abreast Deck openings in way of Bridge				/
" in Holds " "	<i>Centre Line Bulkhead</i>			/	Thickness of Plating within line of openings...	<i>34</i>			/
" " " " "	{ <i>12 x 3 1/2 x 68 84 NBS</i> <i>11 x 3 1/2 x 61 do do</i> <i>11 x 3 1/2 x 56 do do</i> <i>on alternate frame stations</i>			/	If Sheathed, material and thickness	<i>not sheathed</i>			/
Centre Line Bulkhead. Stiffeners and Spacing.....				/	Third Deck. Stringer Plate, breadth and thickness.....				/
Plating, thickness of	<i>30</i>			/	If Plated, state thickness.....				/
STRINGERS AND DECKS. Uppermost Continuous Deck.				/	Fourth Deck. Stringer Plate, breadth and thickness.....				/
Stringer Plate, breadth and thickness in Wells	<i>68</i>	x	<i>55</i>	/	If Plated, state thickness				/
" " " " in way of Bridge	✓			/	Poop Deck. Stringer Plate, breadth and thickness				/
" Angle in Wells	<i>6</i>	<i>6</i>	<i>56</i>	/	Plating, Sheathing, material and thickness ...				/
Thickness of Plating abreast Deck openings in way of Wells	<i>45</i>	<i>abreast 20 openings</i>		/	Bridge Deck. Stringer Plate, breadth and thickness.....				/
Thickness of Plating abreast Deck openings in way of Bridge	<i>44</i>	<i>abreast 18 do</i>		/	Plating, Sheathing, material and thickness ...				/
Thickness of Plating within line of openings...	<i>38</i>			/	Forecastle Deck. Stringer Plate, breadth and thickness.....	<i>35</i>	<i>as plan</i>		/
If Sheathed, material and thickness	<i>only sheathed in over accommodation</i>			/	Plating, Sheathing, material and thickness ...	<i>34</i>	<i>sheathed under windlass</i>		/
Second Deck. Stringer Plate, breadth and thickness in Wells...	<i>68</i>	x	<i>38</i>	/					/

SHELL PLATING.

SCANTLINGS.						RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. <i>No</i> 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.	Inches.		Inches.	Inches.	
FLAT PLATE KEEL	51½	77	67	67	✓	Double	7/8	3¼	4	1	4	Lapped.
„ DBLG. (if any)												
BOTTOM PLATING, No. of Strakes 4	75	59	49	49	✓	Double	7/8	3¼	3	7/8	3½	Lapped.
BILGE PLATING, No. of Strakes 1	75½	59	49	49	✓	Double	7/8	3¼	3	7/8	3½	Lapped.
SIDE PLATING, No. of Strakes 3	75 78	59	46	46	✓	Double	7/8	3¼	3	7/8	3½	Lapped.
UPPER DECK, Sheer-strake in Wells.....	83	64	46	46	✓	Double	7/8	3¼	5	7/8	4	Lapped.
UPPER DECK, Sheer-strake in Bridge ...												
STRAKE BELOW Sheer-strake in Wells.....	78	61	46	46	✓	Double	7/8	3¼	4	7/8	3½	Lapped.
STRAKE BELOW Sheer-strake in Bridge ...												
POOP SIDE PLATING												
BRIDGE SIDE PLATING ...												
FOREC'TLE SIDE PLATING			42		✓	Single	¾	3	1	¾	2½	Lapped.

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	7
Extending to Upper Deck (Sec. 3 c).....	One
„ Deck next below.....	Six
As per Rule.....	6

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar		Flat Plate Keel.		
STEM	Roll'd Stl.	$9\frac{7}{8} \times 2\frac{1}{2}$	Industrial Steels Ltd.	
STERN FRAME {	Propeller Post	Forging	$10\frac{1}{2} \times 7\frac{3}{4}$	Central Marine
	Rudder "		$9 \times 7\frac{3}{4}$	Engine Works
RUDDER—A×D		481.31		
Speed of Vessel		$10\frac{3}{4}$ Knots.		
RUDDER mainpiece at head ...	Forging	10	Central Marine	
" " heel ...		$7\frac{1}{2}$	Engine Works	
" " how constructed		Forged and built.		
" " double or single plate coupling, vertical or horizontal		Single 1"00		

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)	<i>Open Search process</i>
	Plates -	<i>Sough Durham S & S Co.</i>
	Sections -	<i>Dorman Long & Co, Corbett Iron Co, Cargo Fleet, Pease & Partners Bolckow Vaughan & Co</i>
	Has the Steel been tested as required by the Rules?	<i>Yes</i>

EQUIPMENT No. 36657

LETTER Z

ANCHORS.

Number of Certificate.	Anchor.	WEIGHT, EX. STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE				WEIGHT REQUIRED BY TABLE 53.		Description of Anchor.	Makers.	Where and when tested and Superintendent.
30255	1st Bower	Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.		Byers Improved Stockless patent Byers		Sld. 22.8.27 J.H. Butler
30241	2nd "	63	3	0				50	12	2	0	63 1/4		do do do	do	Sld. 17.8.27 do
30260	3rd "	54	2	0				45	1	1	0	54 1/2		do do do	do	Sld. 24.8.27 do
	Collective weight.	182	1	14								182				
43018	Stream	17	2	18	4	2	0	18	14	1	14	17 1/2		Rodgers Forged Iron 2 1/2" Anchor	R. Sykes & Son	Cradley Hatch 18.8.27 L. L. Hall
43049	Kedge	8	0	0	2	0	7	10	2	2	0			Forged Iron anchor		8.9.27 L. L. Hall

CHAIN CABLES.

HAWERS 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.		Length.	Cir.	
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.				Fathoms.	Ins.	Tons.	Fathoms.	Ins.	
40612	270	2 1/4	91 1/8	127 1/2	682	2	21	682	1	0	270	2 1/4	Steel R Sykes & Son Ltd Cradley Hatch 27 Aug 27 L.L.Hall.	TOWLINE... (HAWERS & WARPS)	120 4 @ 90	5 2 3/4	73 15.5	120 2 @ 90	5 2 3/4
Iron Stream Chain or Steel Wire	90	4 3/4	65.5						90	4 3/4	Steel wire Shalohol & Koken		"				2 @ 90	2 1/2	

Steering Gear, Steam Donkin and Co Ltd. 10" x 10"

Steering Gear, Hand none.

{Secondary means of steering by means of tackle and after winch

2 Lifeboats 28' x 8' 6" x 3' 6"

1 8' 18' x 6' 3" x 2' 4 1/2"

Boats 1 Dinghy 16' x 5' 9" x 2' 3 1/2"

Steering Chains, Size and Test

1 1/16 24-15-0-0 LPHC 325.27

2 lines

Windlass Clarke Chapman 7' x 10"

Ceiling in Holds, thickness and material

none fitted

Cargo Battens, thickness, material and spacing

6" x 2" W.W. @ 9" spacing

Cargo Hatchways.-(Upper Deck)

Steel plates and angles as appd.

Thickness of Hatches

3"

Size of No. 1 Hatchway (Forward)

No 1 27' x 20'

No. 2 31' x 20'

No. 3 28' 5" x 20'

No. 4 28' 5" x 20'

No. 5 28' 5" x 20'

No. 6

Number of Shifting Beams and/or Fore and Afters

No 1 5 webs

No 2 5 webs

No 3 4 webs

No 4 5 webs

No 5 5 webs

No 6 5 webs

For William Gray & Co., Limited.

Builder's Signature

Hoo S. Simpson

General Manager.

GENERAL DECLARATION

This vessel has been built in accordance with the approved plans, the Secretary's letters and the Rules.

The materials and workmanship are good.

The freeboards have been verified and the marks cut in on the vessel's sides. The fore and after peak tanks and the double bottom tanks have been satisfactorily tested.

The weather decks, the bulkheads, tunnel and watertight doors have been satisfactorily hose tested. The watertight doors, hand pump, steering gear and windlass have been tried under working conditions and found satisfactory.

The vessel is fitted with wireless and Electric Light.

The boiler room tank is a dry tank - its length is given overleaf and its capacity is omitted. It has been satisfactorily tested.

The amount of Entry Fee £ 8 : 0 : 0

Fees applied for,

15.10.1927

Special Survey Fee.... £ 322: 10: 0

Received by me,

Freeboard 9: 3: 4

Travelling Expenses, if any £

11.11.1927

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

State whether the Vessel has been built under Special Survey

Yes.

Signature

A. Pickworth

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to

H.M.

Date of issue

12/11/27

Committee's Minute

FRI. 21 OCT 1927

Character assigned

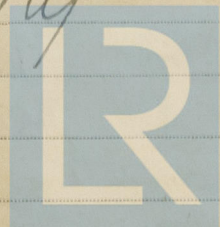
+ 100A1

with freeboard

Lloyd's as per

thine 10.27 J.D. CL.

Mly



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Lloyd's Register Foundation

002846-002852-0193 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 is no sister vessel

Plans forwarded with this report.

midship section

Profile and deck plans

Rudder and Screw Frame

Fore and after Peak bulkheads

Bottom Stiffening forward.

Connection of frames to tank top (not adopted)

Part Plan of tunnel.

Quadrant and Tiller.

Pumping Arrangements.

Also Forging Reports on:

Rudder & Screw Frame

Stem Bars.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	41.1.7	MB	3234	28.7.27
	2nd "	40.2.21	MB	3226	28.7.27
	3rd "	35.1.14	MB.	3194	12.7.27

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop _____ ft., R.Q.D. _____ ft., Bridge _____ ft., Forecastle _____ ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *on Superstructure deck*

No. and Material of Decks (this information is to be given as it should appear in the Register Book) *1 Dk (sil) & Shelter Dk. (sil)*

Official No. *149912* ; Signal Letters _____ Is bottom of Vessel coated with cement *Yes* if not give particulars of composition _____

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length.	Water Capacity.	Where Fitted.	*Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	113'-8"	349	Fore peak tank,	21'-6"	220
Double bottom, under Engines and Boilers,	25'-10"	109	After peak tank,	24'-0"	215
Double bottom, if under Engines only,	18'-1"		Deep tank, aft,		
Double bottom, if under Boilers only, <i>DRY TANK. TESTED</i>	18'-11"	673	Deep tank, forward,		
Double bottom, forward,		1131	Other tanks, if fitted,		
Total capacity of double bottom			(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. *2333*

Date *1/2/27*

Dates of Surveys held while building

1927. Feb. 21. Mar. 3. 9. 11. 15. 17. 23. 29. Apr. 12. 21. 26. May 2. 5. 9. 13. 17. 18. 19. 24. 25. 27. 31. June 2. 7. 9. 10. 13. 15. 22. 23. 27. 28. 30. July 1. 4. 7. 8. 14. 19. 23. 26. 29. Aug. 9. 10. 11. 18. 22. 23. 24. 26. Sep. 8. 13. 14. 15. 16. 20. 22. 26. 28. 29. Oct. 4. 7. 8.

Total No. of Visits *62*