

STEEL STEAMER or MOTORSHIP.

Received at London Office

1927

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

No.

Survey held at

Date First Survey

Last Survey

1927

On the

State Type

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

Complete Superstructure with Tonnage openings

State Type of Erections

Forecastle

TONNAGE under Tonnage Deck

4264.25

CLASS 100 A.1.

State if with freeboard as condition of Class

yes

Built at

Thornaby-on-Tees

Do. of 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 400

Breadth (greatest moulded)

B 53.208

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

D 35.5

1st Longitudinal Number (L x D)

= 14200

2nd Numeral L x (B + D)

= 35484

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

23.5

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

11.27

Do. Long Bridge to top of keel

✓

Draught Moulded

24.3 1/2

Launched

Sept. 26. 1927 Yard No. 222

Builders

Messrs Craig Taylor & Co. Ltd.

Owners

The Globe Shipping Co. Ltd.

Managers

Humphries (Cardiff) Ltd.

Residence

Cardiff

Port of Registry

Cardiff

If surveyed while building, afloat, or in dry dock

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	30			/	Bracket Floors, Frame	6 1/2	3 1/2	38	6 x 3 1/2 x 38
" " from 1/2 length to Collision bulkhead.....	27			/	" " Reversed Frame	5 1/2	3	38	
" " in peaks.....	24			/	" " Vertical Struts	10	3 1/2	3 1/2	42 (50 + 05) in B.R.
SIDE FRAMING.					Centre Girder, depth and thickness amidships	43	55		
Frame Amidships, Angle, E or C	12	3 1/2	50	/	" " top Angles	3 1/2	3 1/2	53	for 1/2 L to 49, 53 in B.R.
" " Extends up to	Second deck			56 in Boiler Room & permanent tanks in fore hold	" " bottom Angles	4	4	59	for 1/2 L to 55
Reversed Frame Amidships, Angle	✓				Side Girders, No. each side and thickness	One	41		BR 56, ER 46
" " Extends up to	✓				Margin Plate depth (excl. of flange) and thickness	53	in hold		ER 69 BR.
Depth of Framing Girder.....	✓				" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	6	6	47	50 ER, 57 BR.
Frames in Uppermost Continuous 'tween Decks, Angle, E or C	7 1/2	3 1/2	37 1/2	7 1/2 x 3 1/2 x 35	" " Vertical Angle to Tank side Bracket forward 1/4 len. from stem	6	6	47	
" " Second 'tween Decks, Angle, E or C	See approved plan				" " Gussets, spacing and scantling abaft 1/4 len. from stem.....	Every frame	3 1/2	3 1/2	43 BR 60
" " Third " " " "	✓				" " Gussets, spacing and scantling forward 1/4 len. from stem.....	"	"	"	
Framing in Peaks, Angle, E or C	7 1/2	3 1/2	37 1/2	7 1/2 x 3 x 35	Tank Side Brackets, height above base line at toe of Frame and thickness)	6'-6 1/2"	x 47		50 ER, 57 BR.
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 dia	5 1/2	apart		INNER BOTTOM PLATING.				
State if Frame Joggled	No				Breadth and thickness of Middle Line Strake ...	66 1/2	x 51		52 1/2 x 51 + 110 in E & BR.
PLATING ARRANGEMENTS (Sec. 7), state system and particulars)	Frames 27" apart 15" wide 15" x 4" x 4" 54				Thickness of remainder in Holds	✓	43		39 1/2 BR, 61 ER.
STRENGTHENING OF BOTTOM FORWARD. State Particulars	Bottom and side shell plating increased 1/4" in thickness Extra intercostals to approved plan.				(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 C	9	3 1/2	44	
Height of Brackets at side above base line at toe of frame					" " in way of Bridge, Angle, E or C	✓			
Middle Line Keelson, on Floors, Angles, E or C					Spacing	Every frame			
" " Through Plate or Intercostal Plate....					Second Deck, amidships, Angle, E or C	11	3 1/2	43	
" " Foundation Plate on Floors					Spacing.....	Every frame			
" " Flat Plate Keel Angles					Third Deck, amidships, Angle, E or C	✓			
Side Keelsons, No. each side					Spacing.....				
" " thickness of Intercostal Plate...					Fourth Deck, amidships, Angle, E or C	✓			
" " Angles					Spacing.....				
DOUBLE BOTTOM.					Poop Deck, Angle, E or C	✓			
Solid Floors, thickness and spacing					Spacing.....				
" " Are Frame and Reversed Frame joggled?	No				Bridge Deck, Angle, E or C	✓			
Bracket Floors, breadth and thickness at middle line.....	32"	x 41	flanged, 56 BR.		Spacing				
" " breadth and thickness at margin plate.....	4 1/2"	x 41	flanged, 56 BR.		Forecastle Deck, Angle, E or C	8	3 1/2	46	8 x 3 x 46
	2 7/8"	x 41	flanged, 56 BR.		Spacing	Every frame.			

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.....				Stringer Plate, breadth and thickness in way of Bridge			
" in 'tween Decks, Size and Spacing.....	2 7/8	diat	2 spacing in approved plan	Thickness of Plating abreast Deck openings in way of Wells	140	36	30 ends
" " " " " "				Thickness of Plating abreast Deck openings in way of Bridge			
" in Holds " "			Centre bulkhead with weldless tubular pillars 12" dia x 41.	Thickness of Plating within line of openings...	34	30	
" " " " " "			one in way of each cargo hold	If Sheathed, material and thickness	No		
Centre Line Bulkhead.				Third Deck.			
Stiffeners and Spacing.....	11	3 1/2	44 5 ft apart.	Stringer Plate, breadth and thickness.....			
Plating, thickness of	30			If Plated, state thickness.....			
STRINGERS AND DECKS.				Fourth Deck.			
Uppermost Continuous Deck.				Stringer Plate, breadth and thickness.....			
Stringer Plate, breadth and thickness in Wells	66	56	for 1/2 L to 39 x 42	If Plated, state thickness			
" " " " in way of Bridge				Poop Deck.			
" Angle in Wells	5	5	57	Stringer Plate, breadth and thickness			
Thickness of Plating abreast Deck openings in way of Wells	48	for 1/2 L to 35	at ends.	Plating, Sheathing, material and thickness ...			
Thickness of Plating abreast Deck openings in way of Bridge				Bridge Deck.			
Thickness of Plating within line of openings...	38	to 35		Stringer Plate, breadth and thickness.....			
If Sheathed, material and thickness	No			Plating, Sheathing, material and thickness ...			
Second Deck.				Forecastle Deck.			
Stringer Plate, breadth and thickness in Wells	63	x 41	for 1/2 L to 35 x 34 at ends.	Stringer Plate, breadth and thickness.....	35	x 36	
				Plating, Sheathing, material and thickness ...	34		
							4" pitch turn

SHELL PLATING.

SCANTLINGS.					RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.		
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.	
	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	5 1/2	77	67	67		Double	1	4	Quadruple	1	4
" DBLG. (if any)											
BOTTOM PLATING, No. of Strakes	70	58	59-49	49		Double	7/8	3 1/2	Double	7/8	3 1/8
BILGE PLATING, No. of Strakes	70 1/2	58	49	49							
SIDE PLATING, No. of Strakes	67	58	46	46							
UPPER DECK, Sheer-strake in Wells.....	84	65	46	46					Quadruple		3 1/2
UPPER DECK, Sheer-strake in Bridge ...											
STRAKE BELOW Sheer-strake in Wells.....	67	58	46	46		Double	7/8	3 1/2	Double	7/8	3 1/8
STRAKE BELOW Sheer-strake in Bridge ...											
POOP SIDE PLATING											
BRIDGE SIDE PLATING ...											
FORECASTLE SIDE PLATING		42									

WATERTIGHT BULKHEADS.

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

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

 " Deck next below.....

As per Rule.....

STIFFENERS.

	Plating Thickness.				
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper 'tween decks					
" " Second "					
" " Third "					
" " Holds		40-26	12 x 3 1/2 x 48	32	
COLLISION " (in Hold)		54-32	9 x 3 x 50	24	
AFTER PEAK " " 		52-30	7 x 3 x 36	24	

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar				
STEM	Forging	9 1/2 x 2 1/2	Langley	
STERN FRAME	Propeller Post	10 1/2 x 7 5/8	do	
	Rudder	9 x 7 5/8	do	
RUDDER—A x D.....		49.3		
Speed of Vessel.....		10 knots		
RUDDER mainpiece at head ..		10" dia.		
" " heel ..		6 1/2	3" w/ forged repair	
" how constructed			Arms on alternate sides keyed to main piece	
" 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)

Reps:- South Durham Malleable, Bolchow Vaughan. & Dorman Long.
Angles:- Cargo Fleet, Dorman Long, Bolchow Vaughan & Pease & Hartnoll.

Has the Steel been tested as required by the Rules? Yes.

Siemens Martin mild steel open hearth.

EQUIPMENT No. 36007 ✓										LETTER Z		ANCHORS.			
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.	
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.			
30359	1st Bower ...	63	3	21	Stockless			50	10	0	0	63 3/4	Byers Improved Hookless	W.L. Byers & Co.	Lundsey 29.9.27
30379	2nd " ...	63	3	0	do			50	7	2	0	63 3/4	do	do	J. H. Butler 6.10.27
30370	3rd " ...	54	3	14	do			45	5	3	21	54 1/2	do	do	do 3.10.27
	Collective weight.	182	2	7								182			
43124	Stream	17	2	0	4	1	14	18	12	2	0	17 1/2	Iron Stock	R. Byers & Co.	Cradley Heath 30.9.27 L. Paul

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.	Statutory.	Breaking.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Length.	Cir.		
	Fathoms.	Ins.	Tons.	Tons.	Cwts. qrs. lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.		
31256	270	2 1/4	9 1/2	127.5	690.3.7	682 1/4	270	2 1/4	Hookless	R Bykes & Son	Cardiff 24.9.27 & Jones.	TOWLINE	6 x 90	3	18.9	180	2 1/4		
												HAWSERS & WARPS	4 x 90	2 1/2	12.5	180	2 1/2		
													2 x 90	7		180	7		
Stream Chain or Steel Wire	120	Cir. 5	59.0				120	Cir. 8	Hookless	A Hart & Co	Newcastle 10.10.27.	"							

Steering Gear, Steam *Dunkins 9 1/2 x 9 horizontal* Steering Gear, Hand *None, Auxiliary gear + brake fitted.*

Boats *2 Life 24'0", 2 working 16'0"* Steering Chains, Size and Test *1 7/8"* Windlass *E.W. J. 2 1/4" Quick winding.*

Ceiling in Holds, thickness and material *2 1/2" W. pine under ceiling* Cargo Battens, thickness, material and spacing *2" W. pine, 9 inches apart.*

Cargo Hatchways.—(Upper Deck) *2'7" x 6" rise in centre.* Thickness of Hatches *3 inches.*

Size of No. 1 Hatchway (Forward) *29'3" x 20'0"* No. 2 *27'6" x 20'0"* No. 3 *22'6" x 20'0"* No. 4 *30'0" x 20'0"* No. 5 *30'0" x 20'0"* No. 6 *17'6" x 20'0"*

Number of Shifting Beams *and/or Fore and Afters* *Nos. 1, 2, 4 & 5 Five, No 3 Four, No 6 Three.*

For CRAIG, TAYLOR & CO. LIMITED,

Builder's Signature *H.V. Taylor.* Director.

GENERAL DECLARATION *This vessel has been built in accordance with the approved plans, and the Society's Rules, for the class Contemplated, also the Secretary's letters from 7th March to 10th Nov 1927.*

The workmanship & materials are good, and in every way satisfactory, all double bottom tanks and fore & after peak tanks have been tested and found good, the Deck, Bulkheads & Tunnel have been tested by hose and found good. The steam steering gear & connections, windlass & winches have been tested under steam.

Cargo battens are fitted in holds & tween decks

The assigned Freeboard has been cut in the vessel's sides & verified.

N.B. A profile & deck plan of the vessel as built will be forwarded when received from Builders, together with midship section.

The amount of Entry Fee £ 8 : 0 : 0 } Fees applied for, 11.11.1927

Special Survey Fee.... £ 305 : 6 : 0 } Received by me, *W. J. L.*

Freeboard. 9 : 3 : 4 } 15.11.27

Travelling Expenses, if any £

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 *A. Murray & J. Lunney*

H.M. Certificate to be sent to *Mab.* Date of issue *16/11/27.* Surveyors to Lloyd's Register of Shipping.

Committee's Minute *FRI. 18 NOV 1927*

Character assigned *+ 100 A.1. With Freeboard*

Lloyd's A.C.P. + L.M.C 11.27

C.L.

M.H.

The Surveyors are requested not to write on or below the Committee's Minute.

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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 copy of the Plans should be embodied.)

Approved plans.

- 1 Midship sect.
- 2 Profile & Deck
- 3 Racking List
- 4 Pillars & Girders
- 5 Peak Hatchheads & No 132 BH.
- 6 Stern Frame & Rudder.
- 7 Auxiliary Steering Gear.
- 8 Quadrant & Tiller
- 9 Rigging
- 10 Mast plan
- 11 Pumping.
- 12 Bottom Forward

N.B. Copies of these plans are in London Office.

Certificates

- 1 Stern Boss.
- 2 Stern Frame
- 3 Rudder Frame
- 4 Tiller

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

1st Bower	Byers Anchor Head.	36. 2. 27.	K.H.	4844.	30. 8. 27.
2nd "	"	37. 2. 3	N.B.	3282	14. 9. 27
3rd "	"	30. 2. 8	K.H.	4842	31. 8. 27.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 59.25 ft., R.Q.D. ft., Bridge 335.75 ft., Forecastle 31.5 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated. Complete Superstructure with tonnage opening.

No. and Material of Decks (this information is to be given as it should appear in the Register Book). 2 Decks (Stl).

Official No. 148295 ; Signal Letters *Nullius in verba*. Is bottom of Vessel coated with cement. *part only*, if not given particulars of composition. *After 1 forward peak & 8 HB Tanks 2 coats Contex non oxidizing paint, Fillets of cement at seams and butts elsewhere with two coats of cement wash.*

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	140	485	Fore peak tank,	22	121
Double bottom, under Engines and Boilers,	40	188	After peak tank,	22	146
Double bottom, if under Engines only,			Deep tank, aft,	"	"
Double bottom, if under Boilers only,			Deep tank, forward,	"	"
Double bottom, forward,	163.9	639	Other tanks, if fitted,	"	"
Total capacity of double bottom		1312.1	(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. 1428

Date 25th March 1927

Dates of Surveys held while building

1927
Mar 16.23.29. Apr 6.20.29. Mar 3.11.27.31. Jun 9.14.15.22.27. Jul 2.6.18.19.26.27. Aug 24.26.27.
Sep 1.6.8.16.20.23. Oct 3.14.18.19.21.25.27.29. Nov 1.2.4.8.

Total No. of Visits 42

Has the Steel been tested as required by