

# Awning or Shelter Deck, or Pt. Awning Deck.

# STEEL STEAMER.

No. 28857.

Port of Sunderland Date of completion of Report 8<sup>th</sup> July 1924 Received at London Office 11<sup>th</sup> JUL 9 1924  
 Survey held at Sunderland Date, First Survey 6<sup>th</sup> June 1923 Last Survey 25<sup>th</sup> June 1924  
 On the (State of Single, Twin, or Triple Screw) SINGLE SCREW "THISTLEBEN" Rig 2 Mast Schooner

TONNAGE under  
 Tonnage Deck... 4079.14  
 Do. between Tonnage Dk. and  
 3rd, 4th, or Awning Dk.  
 Total under Upper Dk. 126.62  
 Do. of Poop... 126.62  
 Do. of R. Qr. Dk. 40.58  
 Do. of Bridge House 191.51  
 Do. of Forecastle 63.74  
 Do. of Houses on Deck 87.51  
 Do. of excess of Hatchways 4589.10  
 Do. above Crown of  
 Engine Room... 209.10  
 Gross Tonnage 1468.51  
 Less Crew Space 67.18  
 Less above Crown of  
 Engine Room... 156.50  
 Tonnage for Fees... 2684.81  
 Less Engine Room  
 Less Navigation Spaces  
 Waterballast spaces  
 Register Tonnage  
 as cut on Beam....

CLASS F100 A1  
 Breadth (greatest moulded) 53.37  
 Depth, at middle of length from top of keel to top of  
 beams at side of uppermost Continuous Deck... 34.25  
 Deduct height of 'tween deck when this does not exceed 8ft.  
 Transverse Number 13700  
 Length on deck from fore part of stem to after part of  
 sternpost... 400  
 Longitudinal Number 35048  
 Depth "d" at middle of length. See Secs. 2 & 13... 23.0  
 Proportions, Depths to Length, Uppermost Continuous  
 Deck at side to top of keel... 11.428  
 " " " Upper Deck at side  
 to top of keel... 15.238

Master  
 Year of Appointment (1) As Master in service of  
 owner of present vessel:—19...  
 (2) As Master of this  
 vessel... 19...  
 Built at Sunderland  
 When built 1924 Launched 5<sup>th</sup> May 1924  
 By whom built Wm Pickersgill & Sons Ltd  
 Owners Albyn Line Ltd  
 Managers Allan, Black & Co  
 Residence Sunderland  
 Port belonging to Sunderland

LENGTH on Ft. Ins. BREADTH Ft. Ins. DEPTH, ACTUAL Top of Floors to top of Awn. or Shelter Dk. Beams Ft. Ins. No. of Decks with flat laid 2  
 Deck as per Rule 400 0 Moulded 53 4 1/2 Do. Upper Deck Beams 23 10 No. of Tiers of Beams 2  
 Dimensions of Ship per Register, 32.55 Awn. or Shelter Dk. Moulded depth, ft. 35 ins. 0 To Awning or Shelter Dk. Round up of Uppermost 13 ins.  
 Length 401.0 breadth 53.65 depth 23.80 Upper Deck. Moulded depth, ft. 26 ins. 3 To Upper Dk. Dk. Beam, Actual ..

FRAMING.		Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
NAME, Angles, or Bars, amidships	12 x 3 1/2 x 3 1/2	42	60	12 x 3 1/2 x 3 1/2	42	60	
o. in peaks	7	3 1/2	38	7	3	38	
o. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	42	3 1/2	3 1/2	42	
" " L at intermdt. Bkts.	9 1/2	3 1/2	50	9 1/2	3 1/2	50	
ing of Frames from centre to centre amidships	32			32			
length to collision bulkhead	27			27			
of Frames from centre to centre in peaks	24			24			
VERSED FRAME, Angles							
o. in way of Double bottoms at Solid Floors	3 1/2	3 1/2	42	3 1/2	3 1/2	42	
" " L at intermdt. Bkts.	9	3 1/2	50	9	3	50	
AMING, depth of girder	12			12			
DOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships							
" in way of Engine and Boiler spaces	E 41 and B 51	41	51				
" thickness at the ends of vessel							
" depth at 1/2 the half-bdth. as per Rule							
" height extended at the Bilges							
DOORS, in Cell Double Bottoms		41	41				
" state if flanged (top and bottom)	no		no				
" spacing of Solid	96, 32 + 27	96, 32 + 27					
TRE GIRDER, in Dbl. bottom, dpth. & thcknss	42	54	42	54			
" Angles, Top	6	6	52	6	6	52	
" Bottom	6	6	58	6	6	58	
" to Floors	3 1/2	3 1/2	42	3 1/2	3 1/2	42	
" Brackets at intermdt. frmg., wdth & thcknss	3-3	41	3-3	41			
E GIRDERS, number and thickness	one		one				
" state if flanged (top & bottom)	no		no				
" Angles	3 1/2	3 1/2	42	3 1/2	3 1/2	42	
RGIN PLATE, depth (exclusive of flange) and thickness	36 1/2 x 53	36 1/2 x 53					
" Angles to outside plating	4	3 1/2	52	3 1/2	3 1/2	52	
" to floors	3 1/2	3 1/2	42	3 1/2	3 1/2	42	
" Brackets at intermdt. frmg., wdth & thcknss	3-7	41	3-3	41			
" Height of Brackets above at bilge	70		70				
ER BOTTOM PLATING, breadth and thickness of Middle Line Strake	52 x 50	52 x 50					
" thickness in Engine and Boiler space	E 50, B 56	E 50, B 56					
" Remainder in Holds	43 6	39	43 6	39			
AMS, Awn. or Shltr Dk. Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	9	3 1/2	42	9	3 1/2	42	
Spacing	32		32				
AMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	11	3 1/2	56	11	3 1/2	56	
Spacing	32		32				
AMS, Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel							
Angles on upper edge							
Spacing							
AMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel							
Angles on upper edge							
Spacing							
AMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel							
Angles on upper edge							
Spacing							
AMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel	8 1/2	3	44	12	3 1/2	50	
Angles on upper edge	7	3 x 36					
Spacing	27 + 24	respectively	48				

PILLARS.		Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
PILLARS, in 'tween Deck, size and spacing	Channels as per app. plan				
" Hold	Double channels as per app. plan				
" Quarter, 'tween Dks., in Hold	7 x 3 1/2 x 50 @ 48	7	3 1/2	50 @ 48	
" in Hold	6 x 3 x 40 @ 48	6	3	40 @ 48	
KEELSONS AND STRINGERS.		Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate					
" Rider Plate					
" Flat Keel Plate Angles					
" Horizontal Plates on Floors					
" Angles or Bulb Angles					
SIDE KEELSONS, Number					
" Angles or Bulb Angles					
" Plate above floors, for length					
" Intercoastal Plate, for length					
" Attached to outside plating with Angle					
BILGE KEELSON, Angles					
" Intercoastal Plate, for length					
" Attached to outside plating with Angle					
SIDE STRINGERS, Number	3				
" Angle	7	3 1/2	60	7	3 1/2
" Intercoastal Plate, for 32 ft. lng.	15 1/2 x 44	15 1/2	44		
" Attached to outside plating with Angle	3 1/2 x 44	3 1/2	44		
Awning or Shelter Deck Stringer Plates, breadth and thickness	57 1/2 x 58	57 1/2	58		
" Angle on ditto	6 x 6	6	6		
" Tie Plates, fore and aft, outside Hatchways	52 abreast of hatchways	52			
" Deck, Steel, for full lng.	44 " Castings	44			
" Wood Deck, Material & thickness	39 within openings	39			
Upper Deck Stringer Plate, breadth and thickness	63 x 40	63	40		
" Angles on ditto, No.	3 1/2 x 3 1/2	40	3 1/2 x 3 1/2	40	
" Tie Plates, outside Hatchways	37 abreast hatchways	37			
" Deck, Steel, for full lng.	35 " Castings	35			
" Wood Deck, Material & thickness	34 within openings	34			
Second Deck Stringer Plates, br'dth & thckn's					
" Angles on ditto, No.					
" Tie Plates, outside Hatchways					
" Deck, Material and thickness					
Third, Fourth & Fifth Deck Stringer Plate, breadth and thickness					
" Angles on ditto, No.					
" Tie Plates, outside Hatchways					
" Deck, Material and thickness					
Poop Deck Stringer Plate, breadth & thickness					
" Angles on ditto					
" Tie Plates					
" Deck, Material and thickness					
Bridge Deck Stringer Plate, br'dth & thickness					
" Angle on ditto					
" Tie Plates					
" Deck, Material and thickness					
Forecastle Deck Stringer Plate, br'dth & th'kns	35 x 36	35	36		
" Angle on ditto	3 1/2 x 3 1/2	36	3 1/2 x 3 1/2	36	
" Tie Plates					
" Deck, Material and thickness	Steel	34			

\* If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.



WEB FRAMES.				FORGINGS or CASTINGS.			
				Inches in Ship.	Inches per Rule, Or as Approved.		
WEB-FRAMES, In Fore Body, No. and spacing				Frames increased to 12 x 3 1/2 x 3 1/2 x 60"			
" " " brdth. & thickness				with reverse 1 1/2 x 3 1/2 x 4 1/2 in			
" " " No. of Side Stringers				one one			
WEB-FRAMES, In E. & B. Space, No. & spacing				24 x 4 1/4 24 x 4 1/4			
" " " brdth. & thickness				-			
WEB-FRAMES, In After Body, No. and spacing				-			
" " " brdth. & thickness				-			
" " " No. of Side Stringers				-			
" " " Size of Face Angles to Web-Frames.....				6 x 3 1/2 x 5 1/2 6 x 3 1/2 x 5 1/2			
BRACKET PLATES to Stringers between Web Frames, depth and thickness.....				-			

BULKHEADS.				STIFFENERS.				Single or Double Frames.		Height up, state deck.	
W.T BULKHEADS				one dk				8 x 3 1/4 24. single 2 <sup>nd</sup> dk			
After Peak				38 to 31				[12 x 4 x 4 x 52, 30			
No 38				39 to 26				[12 x 3 1/2 x 3 1/2 x 32, "			
No 62				38 to 26				[12 x 3 1/2 x 3 1/2 x 32, "			
No 80				44 to 26				[12 x 3 1/2 x 3 1/2 x 30, "			
No 121				39 to 26				[12 x 4 x 4 x 64, "			
" COLLISION "				549-30				5.8.8 [10 x 3 1/2 x 50 24		" "	
PARTITION "				27 to 26				L 5 1/2 x 3 x 34		" "	
LONGITUDINAL.											

Are the outside Plates doubled two spaces of Frames in length? *Joggled Plating*

Are the Sluice Valves and Watertight Doors in efficient working order? *yes*

RUDDER, how constructed	
Thickness of Plates or Single Plate	<i>1.00</i>
Can the Rudder be unshipped afloat?	<i>yes</i>

Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, Plating, &c. ? *Open hearth process*

*Bolton Vaughan & Co. L<sup>td</sup>, Cargo Fleet S. Co. L<sup>td</sup>.*

*South Durham & S. Co. L<sup>td</sup>, Dorman Long & Co. L<sup>td</sup>.*

Has the Steel been tested as required by the Rules? *yes*

PLATING.										RIVETING.									
AS IN SHIP.										PER RULE OR AS APPROVED.									
STRAKES.										EDGES, Ordinary or Joggled?									
AMIDSHIP.										BUTTS.									
Breadth. Thickness. Thickness. Thickness. Breadth. Thickness.										Single or Double. Breadth of Lap. Diam. Spacing or to cr. Double or Treble and for what Length. Rivets. Diam. Spacing or to cr. Straps. Breadth. Thickness. Breadth. For what Length.									
FLAT PLATE KEEL.....										Double 6 1 4 Quad 1/2 1 4									
(If Bar Keel, state Riveting.)										5 1/4 7/8 3 1/2 Treble 7/8 3 1/8									
GARBOARD or A Strake										" " " " " " " "									
State actual thickness in way of Double Bottom.										" " " " " " " "									
B " 70 .60 .58 .52 .60										" " " " " " " "									
C " 68 1/2 .60 .58 .56 .60										" " " " " " " "									
D " 68 1/2 .60 .54 .58 .60										" " " " " " " "									
E " 75 .60 .48 .48 .60										" " " " " " " "									
F " 68 .60 .46 .46 .60										" " " " " " " "									
G " 68 .60 .46 .46 .60										" " " " " " " "									
H " 68 .60 .46 .46 .60										" " " " " " " "									
J " 68 .60 .46 .46 .60										" " " " " " " "									
K " 72 .62 .46 .46 72 .62										" " " " " " " "									
L " 72 .66 .46 46 72 .66										" " " " " " " "									
M " "										" " " " " " " "									
N " "										" " " " " " " "									
O " "										" " " " " " " "									
P " "										" " " " " " " "									
Q " "										" " " " " " " "									
R " "										" " " " " " " "									
S " "										" " " " " " " "									
T " "										" " " " " " " "									
U " "										" " " " " " " "									
V " "										" " " " " " " "									
W " "										" " " " " " " "									

*Shelter & Keel*

*Three strakes of bottom plating next keel, of midship thickness maintained to rule position of Collision bulkhead.*

*All plates connecting stern frame .58*

*Boss plates .66*

Awning or Shelter Deck		Butts, Treble riveted for		length amidship.	
Stringer Plate		Straps, single, double or overlapped for		full length amidship.	
Upper Deck		Butts, Treble riveted for		full length amidship.	
Stringer Plate		Straps, single or overlapped for		full length amidship.	

Butts of Side Stringers *✓* riveted.

Tie Plates *✓* riveted.

Inner Bottom Plating, riveting of Edges *Double & Single Butts Treble & Double*

Centre Girder Butts, Treble *✓* riveted. Keelson Butts, *✓* riveted.

Frames, riveted through Plates with *7/8* in. Rivets, about *5 1/4 + 4 1/8* apart.

Rivets, state whether Iron or Steel *Iron*

FRAMES extend in one length from *C. Girder to Tank Margin, thence to Shelter, & Keel deck, every frame.*

REVERSED FRAMES on floors and frames extend from *Centre girder to Tank margin, & thence to 2<sup>nd</sup> dk in conjunction with panting stringers forward.*

State if ordinary or joggled *ordinary*

State if ordinary or joggled *ordinary*

MASTS, SPARS, &c.									
LOWER MASTS.....									
Fore ..... 42' Steel 50-9 24 x 36 24 x 36 20 x 32 Two ✓									
Main ..... 42' " 51-9 " " " " " "									
Bowspout									
Topmasts, Yards and Remainder of Spars <i>Wood</i>									
Rigging, Material and Size, Shrouds <i>4" cir. Galv<sup>d</sup> steel wire</i>									
Sails. <i>✓</i> Suit of <i>✓</i> Stays <i>3 1/4 + 2 1/2 cir. Galv<sup>d</sup> steel wire</i>									
Sails, and the following spare sails <i>✓</i>									



EQUIPMENT No. 35868 LETTER Z										ANCHORS.									
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE				WEIGHT REQ. BY TABLE 31.			Description of Anchor.	Makers.	Where and when tested and Superintendent.		
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.					
27804	1st Bower ..	64	0	14	Stockless			50	12	2	0	63	3	0	Byers Improved.	not stated.	Sld. 16/1/24 J. X. Butler		
27915	2nd ..	63	2	7	"			50	7	2	0	63	3	0	"	"	" 4/3/24 " "		
27930	3rd ..	54	2	14	"			45	2	3	7	54	2	0	"	"	" 11/3/24 " "		
	Collective weight	182	1	7								182	0	0					
86485	Stream .....	17	3	4	4	2	4	18	18	0	14	17	2	0	Ordinary	H. Hingley	Netherpton 26/3/24		
	Keel .....															son	H. Green		

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

1st Bower 39.6.4, No 5238, T.G.B. 25-10-23.  
2nd " 40.1.14, No 5319, W.M. 31.1.24.  
3rd " 34.2.7, No 5355, W.M. 28.2.24.

#### CHAIN CABLES.

#### HAWSERS AND WARPS.

Number of Certificate.	Length and Size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Fathoms and Size Per Table 31.		Description.	Makers of Cables.	Where and when tested, and Superintendent.		Material.	Length and Size supplied.		Breaking Test of Steel Wire Towline.		Fathoms and size per Table 31.	
	Length.	Diam.	Statu-tory.	Break-ing.	Supplied.	Per Rule.	Length.	Diam.						Length.	Cir.	Tons.	Fathoms.	Length.	Cir.
	Fathoms.	Ins.	Tons.	Tons.	Cwts. qrs. lbs.	Cwts. qrs. lbs.	Fathoms.	Ins.						Fathoms.	Ins.	Tons.	Fathoms.	Ins.	
See opposite page for particulars of cables.																			
Stream	90	4 3/4					90	4 3/4	Galea	Bullivant			Towline	120	5	7.3	120	5	
Steel Wire...													Hawsers & Warps	2.90	2 1/2	12.5	2.90	2 1/2	
														X 90	8		1.90	8	
														X 90	7		1.90	7	

Boats 2- 22'-0" Life. 2- 20'-0" Life. ✓  
Pumps, Number one to fore peak tank flat. ✓  
Windlass is Steam. Clarke Chapman 16".  
Engine Room Skylights.—How constructed? Steel plates & angles. What arrangements for deadlights in bad weather? Deadlights  
Coal Bunker Openings.—How constructed? Steel plates & angles. How are lids secured? Taraulins, cleats & battens. Height above deck? 2'-6"  
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 6 Scuppers. One freeing port 1'-6" x 1'-6" in way of fore hatch opening each side.  
Ceiling in Holds, thickness and material 2 1/2" white pine, under hatch covers & pilges only.  
Cargo Hatchways.—How formed? Steel plates & angles. Cargo Battens, thickness and material 6" x 2" white pine.  
State size No. 1 Hatch (Forward) 31'-0" x 22'-0" No. 2 Hatch 32'-0" x 22'-0" No. 3 Hatch 21'-4" x 22'-0" No. 4 Hatch 32'-0" x 22'-0"  
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch 6 to No 1, 2, 4 & 5 and 4 to No 3 hatch.  
No. of Breasthooks 5 (reeds) No. of Crutches deep floors  
Bulwarks, height above deck and description 3'-9" Steel 26' abreast of E+B casing only. Main Rail and Stays, material and size Open rails & stays. (Shown)  
The foregoing is a correct description of PICKERSGILL & SONS, LTD  
Builder's Signature (here only) W.P. Pickersgill Surveyor's Signature W.P. Collings  
Surveyor to Lloyd's Register of Shipping.

Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case) See Letter

Workmanship. Are the butts of plating planed or otherwise fitted? overlapped planed.  
Is the riveted work properly closed? yes  
Are the liners between the frames and plates solid single pieces? plating jagged. Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? yes Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? yes Do any rivets break into or through the seams or butts of the plating? a few.  
Are the butts of Plating, Stringers, &c., properly shifted and overlapped? yes  
Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? yes State results of tests satisfactory  
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? yes State results of tests satisfactory  
General Remarks (State quality of workmanship, &c.) The materials and workmanship are satisfactory.  
This vessel has been built in accordance with the approved plans, in conformity with the rules and Secretary's letters.  
The Owners sanction has been received by the Builders for the construction of the vessel under the requirements of the revised rules.  
The approved plans, forging certificates are herewith attached.  
also midship section as built.

The Surveyor should state the Number of Report and Name of any Sister Vessel.  
Plans to be forwarded with F.E. Report showing vessel as built.

Freeboard Fee £10 : 0 : 0  
The amount of Entry Fee ..... £ 8 : 0 : 0  
Special Survey Fee.... £304 : 9 : 0  
Travelling Expenses, if any £ - : - : -  
Fees applied for, 1st July 1924  
Retained by me, 1924  
State whether the Vessel has been built under Special Survey yes  
I am of opinion this Vessel should be Classed F 100 A.1.  
With, or without Freeboard, as condition of Class with.  
SUNDERLAND Date of issue 22/8/24  
W.P. Collings.  
Surveyor to Lloyd's Register of Shipping.

Committee's Minute  
Character assigned  
TUES. 15 JUL 1924  
+ 100 A.1  
With freeboard 5' 3"-1"  
Write Ad  
Lloyd's A.C.P. + Lmb. 6.24 Cl.  
MH



© 2021  
Lloyd's Register  
Foundation



## CABLES

No. of CERT.	LENGTH & SIZE SUPPLIED.		TEST PER CERTIFICATE		WEIGHT OF CHAIN CABLE		LENGTH & SIZE PER RULE		DESCRIP- TION.	MAKERS OF CABLES	WHERE AND WHEN TESTED & SUPERINTENDANT
	LENGTH FTS	DIA	STAT.	BREAK	SUPPLIED	PER RULE	LENGTH	DIA			
69941	14 <sup>5</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>4</sub>	91 <sup>1</sup> / <sub>8</sub>	124 <sup>5</sup> / <sub>16</sub>	38-0-24	C.T.H.			Studlink	not stated	Netherdown. 26/4/22, H. Green
69942	14 <sup>5</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>4</sub>	91 <sup>1</sup> / <sub>8</sub>	124 <sup>5</sup> / <sub>16</sub>	38-0-5				" "	" "	" " " "
69944	14 <sup>5</sup> / <sub>16</sub>	"	"	"	38-1-14				" "	" "	" " " "
69945	14 <sup>5</sup> / <sub>16</sub>	"	"	"	34-3-12				" "	" "	" 24/4/22 " "
69944	14 <sup>5</sup> / <sub>16</sub>	"	"	"	34-3-6				" "	" "	" " " "
72669	15 <sup>2</sup> / <sub>8</sub>	"	"	"	39-2-2				" "	" "	" 13/4/22 "
72696	15	"	"	"	38-0-25				" "	" "	" 25/7/22 "
72671	15 <sup>3</sup> / <sub>16</sub>	"	"	"	39-1-22				" "	" "	" 13/7/22 "
75527	15	"	"	"	38-2-4				" "	" "	" 26/3/24 "
76021	15	"	"	"	34-3-4				" "	" "	" 25/5/22. "
76022	15	"	"	"	34-3-20				" "	" "	" " " "
76023	15	"	"	"	34-3-8				" "	" "	" " " "
76024	15	"	"	"	38-0-26				" "	" "	" " " "
76025	15	"	"	"	38-3-4				" "	" "	" 31/5/22. "
76026	15	"	"	"	38-3-25				" "	" "	" " " "
76027	15	"	"	"	38-2-18				" "	" "	" " " "
76028	15	"	"	"	38-2-23				" "	" "	" " " "
76029	15	"	"	"	38-1-4				" "	" "	" " " "
Total	240				691-1-6	682-1-0	240	2 <sup>1</sup> / <sub>4</sub>			

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop — ft., R.Q.D. — ft., Bridge — ft., Forecastle 36-0 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated, *Complete superstructure with Tonnage on upper deck.*

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as it should appear in the Register Book) *2 Dks (SK)*

Official No. *146930*; Signal Letters — State if Machinery is fitted aft, *installed amidships*

How are the surfaces preserved from oxidation? Inside *paint and cement* Outside *paint*

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors *Cellular*

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	130-66	419	Fore peak tank,	22-75	231
Double bottom, under Engines and Boilers,	53-33	230	After peak tank,	28-00	266
Double bottom, if under Engines only,	—	—	Deep tank, aft,	—	—
Double bottom, if under Boilers only,	—	—	Deep tank, forward,	—	—
Double bottom, forward,	162-92	600	Other tanks, if fitted,	—	—
Total capacity of double bottom	346-91	1249	(If necessary, furnish further information by sketch.)	—	—

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

State whether the above have been tested as required by the Rules. *yes*

Order for Special Survey No. *5534*

Date *22.2.23*

No. *210* in builder's yard.

DATE OF SURVEYS  
held while building

*1923. June. 6, 13, 15, 20. July. 4, 11, 16, 30. Aug. 13, 30. Sept. 12, 20, 26, 28. Oct. 1, 3, 8, 10, 11, 17, 22, 24, 29, 31. Nov. 1, 6, 7, 9, 13, 15, 16, 20, 23, 27, 30. Dec. 7, 11, 14, 19, 1924. Jan. 3, 7, 11, 14, 17, 22, 24, 25, 28, 30, 31. Feb. 1, 5, 7, 8, 12, 15, 18, 19, 21, 22, 25, 27, 28. March. 4, 6, 7, 10, 13, 14, 18, 21, 25. April. 1, 2, 4, 8, 9, 10, 11, 15, 17, 24, 25, 30. May. 1, 2, 5, June. 5, 12, 13, 16, 20, 23, 24, 25.*

Surveyor's Signature

*W.R. Folger*

Total No. of Visits *95*

Lloyd's Register  
Foundation