

With or Without
Disconnected Erections.

N.N. "Kirkwood"
STEEL STEAMER.

TUE. MAY. 20 1924

Received at London Office

State if Report is also sent on the Machinery of the Vessel Yes (S.L.D. No. 28803)

Date of completion of report 17.5.24
Survey held at Stockton-on-Tees

Port of Middleborough No. 11945
Date First Survey 11th December 1923 Last Survey 5th May 1924

On the (State if Single, Twin, or Triple Screw) Steamer "Ashtree"

Rig Fore & Aft

TONNAGE under
Tonnage Deck... 1150.90
Do. between Tonnage Dk. and 3rd and 4th Dk. ...
Total under Upper Dk. ...
Do. of Poop ...
Do. of R.Q.Dk. ...
Do. of Bridge House ...
Do. of Forecastle ...
Do. of Houses on Dk. ...
Do. of excess of Hatchways ...
Do. above Crown of Engine Room ...
Gross Tonnage 1561.24
Less Crew Space 72.68
Less above Crown of Engine Room ...
TONNAGE FOR FEES ...
Less Engine Room 611.31
Less Navigation Spaces 78.76
See 79.
Register Tonnage as cut on Beam 798.49

CLASS +100 A1.
Breadth (greatest moulded) 36.5
Depth, at middle of length from top of keel to top of upper deck beams at side 18.08
Transverse Number 21.66
Length on deck from fore part of stem to after part of stern post 244.0
Longitudinal Number 13318
Depth "d," at middle of length (See Secs. 2 & 13) 14.95
Proportions—Depth to Length—Upper Deck Beam at side to top of keel 13.49
" " Long Bridge Deck Beam at side to top of keel 11.27

Built at Stockton-on-Tees
When built 1924 Launched 20.3.24
By whom built Craig Taylor & Co. Ltd.
Owners The Iron Steamship Co. Ltd.
Managers Hornby Jones & Co. Ltd.
Residence Cardiff
Port belonging to London

Destined Voyage If Surveyed while Building, Afloat, or in Dry Dock Yes

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH—Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid
244 0	244	0	36 6	36	6	Do. do. do. do. Second Dk. Beams	15 11	11	One
Moulded depth, ft. 21 ins. 8 To Bridge Dk. Round of Upper Dk. Beam, Actual 9 1/4 ins.									
Moulded depth, ft. 18 ins. 1 To Upper Dk.									

FRAMING.						PILLARS.					
Inches in Ship	Inches in Ship	Inches in Ship	Inches per Rule Or as Approved	Inches in Ship	Inches per Rule Or as Approved	Inches in Ship	Inches in Ship	Inches in Ship	Inches per Rule Or as Approved	Inches in Ship	Inches per Rule Or as Approved
FRAME, Angles, or E or L Bars amidships	7 1/2	3	36 7/2	3	36 7/2	PILLARS In 'tween Deck, size and spacing	27 8	48	25 8	48	
Do. in peaks	5 1/2	3	3 15 1/2	3	3 15 1/2	" " Hold					
Do. in way of Double Bottoms at Solid Floors	3	3	3 32	3	3 32	" " Quarter 'tween Dks.,					
" " " at intermdt. Bkts.	6	3	3 34	3	3 34	" " in Hold					
Spacing of Frames from centre to centre amidships	24		12 4			KEELSONS & STRINGERS.					
" " " from 1/2 length to Collision bulkhead						CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate					
" " " in peaks						" Rider Plate					
REVERSED FRAME, Angles						" Flat Plate Keel Angles					
Do. in way of Double Bottoms at Solid Floors	3	3	3 32	3	3 32	" Horizontal Plates on Floors					
" " " at intermdt. Bkts.	5 1/2	3	3 34	3	3 34	" Angles or Bulb Angles					
FRAMING, depth of girder						SIDE KEELSONS, Number					
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships						" Angles or Bulb Angles					
" in way of Engine and Boiler Spaces						" Plate above floors, for length					
" thickness at the ends of vessel						" Intercoastal Plate, for length					
" depth at 1/2 the half breadth, as per Rule						" Attached to outside Plating with Angle					
" height extended at the Bilges						BILGE KEELSON, Angles					
FLOORS in Cell. Double Bottoms						" Intercoastal Plate for length					
" state if flanged (top & bottom)						" Attached to outside Plating with Angle					
" Spacing of Solid floors	48	24	148	24		SIDE STRINGERS, Number					
CENTRE GIRDER, in Dbl. bottom, dpth. & thknss.	35	42	36 135	42	36	" Angle	5 3 1/2	5	5 3 1/2	5	
" " Angles, Top	3	3	4 13	3	4	" Intercoastal Plate, for full length	5	5	44	5	5
" " Bottom	3 1/2	3 1/2	42 4 13 1/2	3 1/2	42 4	" Attached to outside plating with Angle					
" " to Floors	3	3	3 32	3	3 32	Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	60	42	77 1/2	60	42
" Brackets at intermdt. frmg., wdth & thknss	30		3 30		3 32	" " " " br'dth & thickness (in way of Bridge)	6 x 6	59	6 x 6	59	
SIDE GIRDERS, number on each side & thickness	One		3 32	One	3 32	" " " " Angle (clear of Bridge)					
" " state if flanged (top and bottom)						" " Tie Plate at sides of Hatchways					
" " Angles (top and bottom)	3	3	3 32	3	3 32	" Deck, * Iron or Steel, for full lng.					
" " to Floors	2 1/2	2 1/2	3 2 1/2	2 1/2	3	" Thickness (clear of Bridge)					
MARGIN PLATE, depth (exclusive of flange) and thickness	33 3/4		36 133		36	" (in way of Bridge)					
" " Angle to Outside Plating	3	3	4 13	3	4	Wood Deck, Material & thickness					
" " Floors	3	3	3 32	3	3 32	Second Deck Stringer Plate, br'dth & thickness	60	31	63 3/4	60	31
" Brackets at intermdt. frmg., wdth & thknss	26		3 32	26	3 32	" Angles on ditto, No. One	5 x 5	5 1/2	5 x 5	5 1/2	
" Height of Outside Brackets above at bilge	19			19		" Tie Plates outside Hatchways					
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	43	38	34 43	38	34	" Deck, * Iron or Steel, for full lng.					
" " in Engine and Boiler space	8	38	13 48	8	38	" Wood Deck, Material & thickness					
" " Remainder in Holds			3 32	3	3 32	Third Deck Stringer Plate, br'dth & thickness					
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	6 1/2	3 1/2	4 16 1/2	3	4	" Angles on ditto, No.					
" In way of Long Bridge						" Tie Plates, outside Hatchways					
" Spacing	24		24			" Deck, * Material and thickness					
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	6 1/2	3 1/2	4 16 1/2	3	4	Fourth and Fifth Deck Stringer Plate, breadth & thickness					
" Spacing	24		24			" Angles on ditto, No.					
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel						" Tie Plates outside Hatchways					
" Angles on upper edge						" Deck, Material & thickness					
" Spacing						Poop Deck Stringer Plate, breadth & thickness					
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel						" Angle on ditto					
" Angles on upper edge						" Tie Plates					
" Spacing						" Deck, Material and thickness					
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	4	2 1/2	38 76	3	38	Bridge Deck Stringer Plate, br'dth & thickness	12	31	33 1/2	31	
" Angles on upper edge						" Angle on ditto	3 x 3	31	3 x 3	31	
" Spacing	28		148			" Tie Plates					
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	8 1/2	3	43 8 1/2	3	43	" Deck, Material and thickness	5 x 3 PP	15 x 3 PP			
" Angles on upper edge						Forecastle Deck Stringer Plate, br'dth & th'kns	23	3	23	3	
" Spacing	48		148			" Angle on ditto	3 x 3	34	3 x 3	3	
						" Tie Plates					
						" Deck, Material and thickness	5 x 3 PP	15 x 3 PP			

WEB FRAMES.	Inches in Ship.	Inches in Ship.	Inches per Rule. Or as Approved.	Inches per Rule. Or as Approved.	FORGINGS or CASTINGS.	Inches in Ship.	Inches per Rule. Or as Approved.
WEB-FRAMES, In Fore Body, No. and spacing	KEEL, Bar, depth and thickness	✓	✓
" " " brdth. & thickness	STEM, moulding and thickness	✓	✓
" " " No. of Side Stringers " "	STERN-POST for Rudder do. do.	✓	✓
WEB-FRAMES, In E. & B. Space, No. & spacing	20	38	20	38	" for Propeller	✓	✓
" " " brdth. & thickness	RUDDER—A×D* Table 22. Speed	✓	✓
WEB-FRAMES, In After Body, No. and spacing	" Main-Piece, diameter at head	✓	✓
" " " brdth. & thickness	" " " at heel	✓	✓
" " " No. of Side Stringers " "	5×3	34	5×3	34			
" " " Size of Face Angles to Web-Frames			
BRACKET PLATES to Stringers between Web Frames, depth and thickness			

BULKHEADS.	Thickness	STIFFENERS.	Single or Double Frames.	Height up, state deck.	RUDDER, how constructed	Thickness of Plates or Single Plate	Can the Rudder be unshipped afloat?
Total No. of W.T. BULKHEADS. In Ship	4	Per Rule	4		Horizontal	1.84	✓
SCANTLINGS MIDSHIP BHDS.	2 1/4	3 1/2	3 1/2	3 1/2			✓
" COLLISION	3 1/4	7 1/2	7 1/2	7 1/2			✓
" AFT PEAK	3 1/4	7 1/2	7 1/2	7 1/2			✓
" PARTITION	3 1/4	7 1/2	7 1/2	7 1/2			✓
" LONGITUDINAL	3 1/4	7 1/2	7 1/2	7 1/2			✓
Are the Staircase Valves and Watertight Doors in efficient working order?					Yes		✓
					Has the Steel been tested as required by the Rules?	Yes	✓

PLATING.						RIVETING.													
STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES, Ordinary or Joggled?				BUTTS.								
	AMIDSHIP.		FORWARD.		AFT.		AMIDSHIP.		Single or Double.	Breadth of Lap.	RIVETS.		Double or Treble and for what Length.	RIVETS.		STRAPS.		IF LAPPED.	
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.	Diam.	Spacing or to cr.			Diam.	Spacing or to cr.		Breadth.	Thickness.	Breadth.	For what Length.		
FLAT PLATE KEEL	4 1/2	5 1/2	4 1/2	4 1/2	4 1/2	5 1/2	Double	5 1/4	7/8	3 1/2	Double	7/8	3 1/2					9	Full
GARBOARD OF A Strake	5 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	"	4 1/2	3/4	3	Double	3/4	2 1/2					1 1/2	5
State actual thickness in way of Double Bottom.	B	"	"	4 1/2	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
C	"	"	"	4 1/2	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
D	6 1/2	"	3 1/2	4	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
E	6 1/2	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
F	6 1/2	"	"	3 1/2	"	"	"	5 1/4	7/8	3 1/2	"	"	"	"	"	"	"	"	"
G	6 1/2	4 1/2	"	"	6 1/2	4 1/2	"	5 1/4	"	"	"	"	"	"	"	"	"	"	"
H	4 1/2	5 1/2	"	"	4 1/2	5 1/2	"	"	"	"	Double	7/8	3 1/2	3 1/2			12	9	
I	"	"	7 1/2	"	7 1/2	"	"	"	"	"	"	"	"	"	"	"	"	"	"
J	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
K	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
N	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
O	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
P	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
Q	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
R	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
S	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
T	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
U	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
V	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
W	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
THICKNESS OF SHEERSTRAKE CLEAR OF LONG BRIDGE DO. OF STRAKE BELOW	VD. 5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	Double	5 1/4	7/8	3 1/2	Double	7/8	3 1/2				17 1/2	14	
DBLG. of Flat Plate Keel	✓						"	"	"	"	Double	3/4	2 1/2				7 1/2		
" Sheerstrakes	✓																		
Length and thickness.	✓																		
POOP SIDES	✓																		
SHORT BRIDGE SIDES	✓						Single	2 1/2	3/4	3	✓	✓	✓				✓		
FORECASTLE SIDES				3 1/2			Single	2 1/2	3/4	3	Double	3/4	2 1/2				5		

Upper Deck	Butts 2-5 riveted for	full	length amidship.	Butts of Side Stringers	✓	riveted.
Stringer Plate	Straps, single, double or overlapped for	"	length amidship.	" Tie Plates	✓	riveted.
Second Deck	Butts 2-5 riveted for	"	length amidship.	Inner Bottom Plating, riveting of Edges	Single	Butts 2-5 riveted.
Stringer Plate	Straps, single or overlapped for	"	length amidship.	Centre Girder Butts, riveted.	Double	Keelson Butts, riveted.
				Frames, riveted through Plates with	3/4	in. Rivets, about 7-8 dia. apart.
				Rivets, state whether Iron or Steel	Iron	

FRAMES extend in one length from centre girder to margin, thence to 1/2" R. & L. S. ✓ State if ordinary or joggled Joggled in 1/2" R. & L. S.

REVERSED FRAMES on floors and frames extend from centre girder to margin ✓ State if ordinary or joggled " " " "

MASTS, SPARS, &c.											
	Material	Total Length.	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.		RIVETING.	
			At Partners.	Heel.	Hounds.	Head.		Number.	Size.	Seams.	Butts.
LOWER MASTS.....	Fore	Steel	58'-0"	1 1/2" x 5"	1 1/2" x 3"	1 1/2" x 3"	200	✓	✓	Single	Double
	Main	"	47'-6"	"	"	"	"	✓	✓	"	"
	Mizen	"	"	"	"	"	"	✓	✓	"	"
Bowsprit	✓										
Topmasts, Yards and Remainder of Spars	✓										
Rigging, Material and Size, Shrouds	✓										
Sails.	✓										
	Suit of	✓									
	Sails, and the following spare sails	✓									

EQUIPMENT No. 14232				LETTER h				ANCHORS.				TONNAGE U. DK. OR PLATING No. FOR TRAWLERS					
Number of Certificate.	Anchors.	WEIGHT, As STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE.				WEIGHT REQUIRED 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.			
27871	1st Bower ...	31	1	0	19	3	0	29	11	1	0	30	2	0	Byers Improved	For N.L. Byers	Std 19.2.24 JWB
27892	2nd „ ...	31	0	7	19	2	21	29	9	1	14	30	2	0	„ „	„ „	„ 25 „ „ „ „
27891	3rd „ ...	26	0	0	17	1	21	25	12	2	0	26	0	0	„ „	„ „	„ 26 „ „ „ „
	4th „ ...	✓															
	Collective weight.	88	1	7					✓			87	0	0			
57876	Stream	7	3	0	2	0	0	9	18	0	14	7	3	0	Ordinary	R. Blommer	Septon 21.12.23. N.A.B.
✓	Kedge.....			✓							1			✓			
If Patent State Name of Patentee																	

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

1st Bower *17.3.6. Nm. 23045. 25.1.24*
2nd " *17.2.26 " " 23860 7.2.24*
3rd " *15.2.0 " " 23857 " " ✓*
4th " *✓*

CHAIN CABLES.										HAWSERS AND WARPS.									
Number of Certificate.	Length and size supplied.		Test per Certificate. Statutory. Break-ing.	WEIGHT OF CHAIN CABLE		Length 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.	Length and Size per Table 31.		Length.	Cir.	Length.	Cir.
	Fathoms.	Ins.		Supplied.	Per Rule.						Fathoms.	Ins.		Fathoms.	Ins.				
58397	240	1 1/8	47 1/2	66 1/2	326.3.0	319.1.17	240 1 1/8 link	R. Blommer	Septon 24.1.24. W.A.B.	TOWLINE	90	3 1/4	22	90	3 1/4				
										HAWSERS & WARPS	2090	2 1/4	9 1/2	2090	2 1/4				
										"		1 1/4	5 1/2	"	1 1/4				
Iron-Stream Chain or Steel Wire	75	3 3/4	29				75 3 3/4 S.F.W.	Blaholm & S. W. R. Blom	21.3.24	"									

Boats *Two Life: 20'; One Working 16'.* **Steering Gear, Steam** *Dunkin & Co.* **Steering Gear, Hand** *Watmore Ltd.*
Pumps, Number *✓* **Diameter of Barrel** *✓* **State whether they are in efficient working order** *✓*
Windlass is *Clarke Chapman & Co.* **Capstan** *Steam winches*
Engine Room Skylights.—How constructed? *Plates & angles* **What arrangements for deadlights in bad weather?** *Bulbous*
Coal Bunker Openings.—How constructed? *"* **How are lids secured?** *Bathons & Vamps.* **Height above deck?** *8'*
Number of Scuppers, and numbers and dimensions of **Freeing Ports, &c.** *Scuppers: 3 in well, 5 on R.A.B.: 7 1/2 in well, 7 on R.A.B.: 3' x 1'-8" each side*
Ceiling in Holds, thickness and material *2 1/2 mm.* **Cargo Battens,** thickness and material *2" mm.*
Cargo Hatchways.—How formed? *Plates & angles* **Hatches, If strong and efficient?** *Yes.*
State size No. 1 Hatch (Forward) *30 x 26'-21'-8"* **No. 2 Hatch** *32' x 26'* **No. 3 Hatch** *28' x 26'-6"* **No. 4 Hatch** *26' x 26'-21'-8"*
Number of Web Plates, Shifting Beams and Fore and Afters *No. 1. 3 & 4. Five. No 2. Six ✓*
No. of Breasthooks *One.* **No. of Crutches** *Sup. Flrms*
Bulwarks, height above deck and description *48 in well, 42 on R.A.B. x 25'* **Main Rail, material and size** *Tyranchy 6"*
The foregoing is a correct description **For ORAIG, TAYLOR & CO. LIMITED,** *Surveyor's Signature* *W. J. Baker*
Builder's Signature (here only) *William Young* **Director.** *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)

E. 31 Dec: 1923. 2. 11 Jan: 1924. M 16. 19 Mar. 11. 17 Dec: 1923

Workmanship. Are the butts of plating planed or otherwise fitted? *Planed*

Is the riveted work properly closed? *Yes*

Are the liners between the frames and plates solid single pieces? *Yes*

to plate, &c., conform well to each other? *Yes*

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 strapped? *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)? *"*

State results of tests *"*

General Remarks (State quality of workmanship, &c.) *Good*

This vessel has been built in accordance with the approved plans, the Secretaries' letters of above dates and in general conformity with the Revised Rules for the Class contemplated. Steering gear tried and found efficient, certificate for chains produced.

6 Plans and three framing reports are forwarded herewith;

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, and list of plans should be embodied in report.

The amount of Entry Fee	£ 5 : 0 : 0	} Fees applied for, 19.5. 1924 Received by me, 20.5.24	Hull & Machinery Certificate to be sent to " " Middlesbrough Date of issue Sunderland } 26/5/24
Special Survey Fee...	£ 153 : 1 : 0		
Travelling Expenses, if any	£ 6 : 0 : 0		
State whether the Vessel has been built under Special Survey			
I am of opinion this Vessel should be Classed			
With, or without Freeboard, as condition of Class			
			Surveyor to Lloyd's Register of Shipping.

Committee's Minute

FRI. MAY. 23 1924

Character assigned

100A1

Lloyds 286 P.

+ Lmb. 5.24. C.L.

GENERAL REMARKS—

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 144.5 ft., Bridge 10 ft., Forecastle 27.5 ft.

(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

The Bridge House is built on the top of the R.Q.D.

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)

1 Stk (OH)

Official No. 147646 ; Signal Letters

State if Machinery is fitted aft

No

If bottom of Vessel has been coated Inside

*Amended
thoroughly*

Outside

Paint

give particulars of paint or other composition

*Innards of Boiler Room tank
& part of bunkers, coated with
bituminous enamel*

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system.

Yes

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<i>74</i>	<i>X 73 133</i>	Fore peak tank,		<i>104</i>
Double bottom, under Engines and Boilers,	<i>34</i>	<i>85</i>	After peak tank,		<i>97</i>
Double bottom, if under Engines only,			Deep tank, aft,		<i>✓</i>
Double bottom, if under Boilers only,			Deep tank, forward,		<i>✓</i>
Double bottom, forward,	<i>98</i>	<i>214</i>	Other tanks, if fitted,		<i>✓</i>
Total capacity of double bottom		<i>472</i>	(If necessary, furnish further information by sketch.)		

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

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432

State whether the above have been tested as required by the Rules

Yes

Order for Special Survey No. 1378

Date 17. 12. 23

No. 210 in builder's yard.

DATES OF SURVEYS held while building

1923, Dec. 11. 17. 19. 21. 22. (1924) Jan. 4. 7. 9. 14. 15. 16. 21. 23. 25. 29. 31. Feb. 1. 6. 7. 11. 13. 15. 18. 20. 25. 26. 27. 29. Mar. 3. 6. 7. 10. 11. 13. 17. 18. 20. 21. 24. 26. 28. 31. Apr. 1. 3. 29. 30. May. 1. 5.

Surveyor's Signature