12 AUG 1924

With or Without Disconnected Erections.

STEEL STEAMER.

State if Report is also sent on the Machinery of the Vessel .....

Received at London Office 1924

Date of completion of report .....

Survey held at NORTHWICH Port of LIVERPOOL No. 87254

Date, First Survey 14th February Last Survey 31st July 1924

On the (State if Single, ~~Twin, or Triple~~ Screw) TUG "STANLOW" Rig –

TONNAGE under Tonnage Deck	–
Do. between Tonnage Dk. and 3rd and 4th Dk.	–
Total under Upper Dk.	99·07
~~Do. of Poop~~ ~~Short Poop above Tonnage Dk.~~ ~~Do. of L.C.T.Dk.~~	·02
Do. of Bridge House ~~Other Closed Spaces~~	–
~~Do. of Forecastle~~	·24
Do. of Houses on Dk.	–
Do. of excess of Hatchways	–
Do. above Crown of Engine Room	–
Gross Tonnage	100·33.
Less Crew Space	–
Less above Crown of Engine Room	–
TONNAGE FOR FEES	100·33.
~~Less Engine Room~~ DEDUCTIONS ~~Less Navigation Spaces~~	92·26
Register Tonnage as cut on Beam	8·07.

CLASS 100 A.1. "FOR TOWING PURPOSES" "MANCHESTER SHIP CANAL"

	Feet.
Breadth (greatest moulded)	19·00
Depth, at middle of length from top of keel to top of upper deck beams at side	10·26.
Transverse Number	29·26.
Length on deck from fore part of stem to after part of stern post	80·26.
Longitudinal Number	2367·31
Depth "d," at middle of length (See Secs. 2 & 13)	9·29
Proportions—Depths to Length—Upper Deck Beam at side to top of keel	7·80
" " Long Bridge Deck Beam at side to top of keel	–

Master	–
Year of appointment (1) As Master in service of owner of present vessel:—19 (2) As Master of this vessel 19	–
Built at	NORTHWICH.
When built	1924. Launched MAY 1924.
By whom built	W. J. YARWOOD & SONS LTD.
Owners	MANCHESTER SHIP CANAL CO.
Managers (Where necessary to be entered in Reg. Book.)	
Residence	MANCHESTER
Port belonging to	MANCHESTER

Destined Voyage MANCHESTER CANAL. If Surveyed while Building/Afloat, ~~or in Dry Dock~~ BOTH.

	Feet.	Inches.		Feet.	Inches.		Feet.	Inches.	
LENGTH on Deck as per Rule	80	3	**BREADTH**—Moulded	19	0	**DEPTH, ACTUAL**—Top of Floors to top of Upper Dk. Beams	9	10	No. of Decks with flat laid ONE
						Do. do. do. do. Second Dk. Beams	–	–	No. of Tiers of Beams ONE.

Dimensions of Ship per Register, Length 80 4·5/10 breadth 19·3 depth 9 8·5/10. Moulded depth, ft. – ins. – To Bridge Dk. Moulded depth, ft. 10 ins. 3 To Upper Dk. Round of Upper Dk. Beam, Actual 6 ins.

FRAMING.

	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as	Inches per Rule Approved.	
FRAME, Angles, ~~or [or [Bars~~ amidships	3	2½	·40	3	2½	·40
Do. in peaks						
Do. in way of Double Bottoms at Solid Floors		–			–	
" " at intermdt. Bkts.		–			–	
Spacing of Frames from centre to centre amidships		20			20	
" " " " from ¾ length to Collision bulkhead						
" " " " in peaks		20			20	
REVERSED FRAME, Angles ACROSS FLOORS	2½	2½	·24	2½	2½	·24.
~~Do. in way of Double Bottoms at Solid Floors~~	DOUBLE IN	B.S.		DOUBLE IN	B.S.	
" " ~~at intermdt. Bkts.~~	E.S. 4	4	·50	4	4	·50
FRAMING, depth of girder		3½			3½	
FLOORS, depth and thickness of Floor Plate at mid-line for ¾ length amidships		11½	·32		11½	·32
" in way of ~~Engine and~~ Boiler Spaces			·38			·38
" thickness at the ends of vessel			·28			·28
" depth at ¾ the half breadth, as per Rule		–			–	
" height extended at the Bilges	STRAIGHT ACROSS VESSEL					
FLOORS in **Cell. Double Bottoms**		–			–	
" state if flanged (top & bottom)		–				
" Spacing of Solid floors		–			–	
CENTRE GIRDER, in Dbl. bottom, dpth. & thicknss.		–			–	
" " Angles, Top		–			–	
" " " Bottom		–			–	
" " " to Floors		–			–	
" Brackets at intermdt. frmg., wdth & thknss		–			–	
SIDE GIRDERS, number on each side & thickness		–			–	
" " state if flanged (top and bottom)		–			–	
" " Angles (top and bottom)		–			–	
" " " to Floors		–			–	
MARGIN PLATE, depth (exclusive of flange) and thickness		–			–	
" Angle to Outside Plating		–			–	
" " Floors		–			–	
" Brackets at intermdt. frmg., wdth & thknss		–			–	
Height of Outside Brackets above at bilge		–			–	
OUTER BOTTOM PLATING, breadth and thickness of **Middle Line Strake**		–			–	
" " in Engine and Boiler space		–			–	
" " Remainder in Holds		–			–	
BEAMS, Upper Deck, Single Angle, ~~Bulb Angle, Plate, Tee Bulb, or Channel~~	4	2½	·30	4	2½	·30
" In way of Long Bridge		–			–	
Spacing		20			20	
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel		–			–	
Spacing		–			–	
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel		–			–	
Angles on upper edge		–			–	
Spacing		–			–	
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel		–			–	
Angles on upper edge		–			–	
Spacing		–			–	
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel		–			–	
Angles on upper edge		–			–	
Spacing		–			–	
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel		–			–	
Angles on upper edge		–			–	
Spacing		–			–	

PILLARS.

	Inches. Size in Ship.	Inches. Spacing in Ship.	Inches per Rule. Or as	Inches per Rule. Approved.
PILLARS In 'tween Deck, size and spacing	–		–	
" " **Hold** " "	2½ × 2½ AS PER PLAN.		2½ × 2½	
" **Quarter 'tween Dks.,** " "	–		–	
" " **in Hold** " "	–		–	

KEELSONS & STRINGERS.

	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as	Inches per Rule Approved.	Inches per Rule Approved.
CENTRE LINE KEELSON, ~~Vertical Plate above floors, Through Plate, or Intercostal Plate~~ CHANNEL	7 × 3½ × 3½ × ·5			7 × 3½ × 3½		·46
" Rider Plate		–			–	
" Flat Plate Keel Angles		–			–	
" Horizontal Plates on Floors		–			–	
" Angles or Bulb Angles		–			–	
SIDE KEELSONS, Number One		ONE			ONE	
" Angles ~~or Bulb Angles~~	5	3	·34	5	3	·34
" Plate above floors, for – length		–			–	
" Intercostal Plate, for length		–			–	
" Attached to outside Plating with Angle		–			–	
BILGE KEELSON, Angles		–			–	
" Intercostal Plate for length		–			–	
" Attached to outside Plating with Angle		–			–	
SIDE STRINGERS, Number		ONE			ONE	
" " Angle	5	3½	·4	5	3½	
" Intercostal Plate, for length		–			–	
" Attached to outside plating with Angle		–			–	
Upper Deck Stringer Plate, br'dth & thickness (~~clear of Bridge~~)	4·8 × ·35		·30	4·8 × ·35		
" " " " br'dth & thickness (in way of Bridge)		–			–	
" " " Angle (~~clear of Bridge~~)	3 × 3		·30	3 × 3		
" " Tie Plate at sides of Hatchways		–			–	
" Deck.* ~~Iron or~~ CHECKERED Steel, for FULL lng.		·30			·30	
" " Thickness (clear of Bridge)		–			–	
" " " (in way of Bridge)		–			–	
" Wood Deck. Material & thickness		–			–	
Second Deck Stringer Plate, br'dth & thickness		–			–	
" Angles on ditto, No.		–			–	
" Tie Plates outside Hatchways		–			–	
" Deck.* Iron or Steel, for lng.		–			–	
" Wood Deck. Material & thickness		–			–	
Third Deck Stringer Plate, br'dth & thickness		–			–	
" Angles on ditto, No.		–			–	
" Tie Plates, outside Hatchways		–			–	
" Deck.* Material and thickness		–			–	
Fourth and Fifth Deck Stringer Plate, breadth & thickness		–			–	
" " " Angles on ditto, No.		–			–	
" " " Tie Plates outside Hatchways		–			–	
" " Deck. Material & thickness		–			–	
Poop Deck Stringer Plate, breadth & thickness		–			–	
" Angle 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, b'dth & th'kns		–			–	
" Angle on ditto		–			–	
" Tie Plates		–			–	
" Deck. Material and thickness		–			–	

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

A.—1m,9,20. T.

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WEB FRAMES.

	Inches in Ship.	Inches in Ship.	Inches per Rule. Or as Approved.	Inches per Rule. Or as Approved.
WEB-FRAMES, In Fore Body, No. and spacing	✓			
,, ,, ,, brdth. & thickness	✓			
,, No. of Side Stringers ,, ,,	✓			
WEB-FRAMES, In E. & B. Space, No. & spacing	✓			
,, ,, ,, brdth. & thickness	✓			
WEB-FRAMES, In After Body, No. and spacing	✓			
,, ,, ,, brdth. & thickness	✓			
,, No. of Side Stringers ,, ,,	✓			
,, Size of Face Angles to **Web-Frames**	✓			
BRACKET PLATES to Stringers between Web Frames, depth and thickness	✓			

FORGINGS or CASTINGS.

	Inches in Ship.	Inches per Rule, Or as Approved.
KEEL, Bar, depth and thickness	6×1¼ ✓	6×1¼
STEM, moulding and thickness	5½×1 ✓	5½×1
STERN-POST for Rudder do. do.	5×2¼ ✓	5×2¼
,, for Propeller	5¼×2¼	5¼×2¼
RUDDER—A×D* Table 22. Speed 10	56	
,, **Main-Piece,** diameter at head	4¼ ✓	4¼
,, ,, ,, at heel	3 9/16 ✓	3 9/16.

RUDDER, how constructed Forged & Arm keyed. ✓

,, Thickness of ~~Plates or~~ Single Plate ·64. ✓

Can the Rudder be unshipped afloat? No. ✓

BULKHEADS.

	Number. Vessel.	Number. Per Rule.	Thickness. Inches.	Stiffeners. Horizontal. Size. Inches.	Stiffeners. Horizontal. Spacing Inches.	Stiffeners. Vertical. Size. Inches.	Stiffeners. Vertical. Spacing Inches.	Single or Double Frames.	Height up, state deck.
W.T. BULKHEADS	Frs. 4.=5.		·32/26 ✓	Flat.		4×2½×·30 ✓	24 ✓	S.	M. Dk. ✓
	•	12	·32/·26 ✓	✓		4½×3×·24 ✓	30 ✓	•	•
	•	24.	·/• ✓	✓		4½×3×·24	30 ✓	•	•
,, **COLLISION** ,,	•	44.	·/• ✓	✓		4×2½×·3	24 ✓	•	•
PARTITION ,, 89=44. Sup.	•	20	·32/.25. ✓	✓		4½×3×·24.	30 ✓	•	•
~~**LONGITUDINAL**~~ ,,	•	✓	·30/·25. ✓	✓		2½×2½×·30	20 ✓	✓	✓

Are the outside Plates doubled two spaces of Frames in length? ✓

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

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:- ✓
Angles:- Cargo Steel Iron Co. ✓
Plates:- D. Colville & Son Ltd. ✓
Chequered Plates:- South Durham Steel & Iron Co. ✓

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

PLATING.

STRAKES.		As in Ship. Amidship. Breadth. Inches.	Amidship. Thickness. Inches.	Forward. Thickness. Inches.	Aft. Thickness. Inches.	Per Rule or as Approved. Amidship. Breadth. Inches.	Per Rule or as Approved. Amidship. Thickness. Inches.
~~Flat Plate Keel~~ ..... ✓ (~~or~~ Bar Keel, state Riveting.)		Double Riveted.		7/8"	— 4 3/8"		
Garboard or	A Strake	48	·35 ✓	·30 ✓	·35 ✓	48	·35
State actual thickness in way of Double Bottom.	B ,,	•	·325 ✓	• ✓	·325 ✓	•	·325
	C ,,	•	·325 ✓	• ✓	• ✓	•	•
	D ,,	•	·325 ✓	• ✓	·30 ✓	•	•
Sheerstrake.	E ,,	•	·36 ✓	• ✓	• ✓	•	·36
	F ,,	✓					
	G ,,	✓					
	H ,,	✓					
	J ,,	✓					
	K ,,	✓					
	L ,,	✓					
	M ,,	✓					
	N ,,	✓					
	O ,,	✓					
	P ,,	✓					
	Q ,,	✓					
	R ,,	✓					
	S ,,	✓					
	T ,,	✓					
	U ,,	✓					
	V ,,	✓					
	W ,,	✓					
		✓					
		✓					
Th'kness of Sh'rstrke clear of Long Bridge		✓					
Do. of Strake below		✓					
Dblg. of Flat Plate Keel		✓					
,, Sheerstrakes *Length and thickness.*		✓					
Poop Sides		✓					
Short Bridge Sides ...		✓					
Forecastle Sides		✓					

RIVETING.

	Edges, Ordinary or joggled? Single or Double.	Breadth of Lap. Inches.	Rivets. Diam. Inches.	Rivets. Spacing cr. to cr. Inches.	Butts. Double or Treble and for what Length.	Rivets. Diam. Inches.	Rivets. Spacing cr. to cr. Inches.	Straps. Breadth. Inches.	Straps. Thickness. Inches.	If Lapped. Breadth. Inches.	If Lapped. For what Length. Feet.
~~Flat Plate Keel~~ ..... ✓ (~~or~~ Bar Keel, state Riveting.)	S.										
Garboard or A Strake	S.R. ✓	2¼ ✓	5/8 ✓	2½ ✓	DR Full.	5/8 ✓	2½ (2¼)	8	·48 ✓	✓	✓
B ,,	•	•	•	•	• •	•	•	✓	✓	4¼ ✓	Full ✓
C ,,	•	•	•	•	• •	•	•	✓	✓	•	•
D ,,	• • DR.	2¼ & 3¾	•	•	• •	•	•	✓	✓	•	•
Sheerstrake. E ,,	DR	3¾.	•	•	• •	•	•	8	·45 ✓	✓	✓

* *Where a long bridge is fitted the thickness of Upper Deck Sheerstrake and Strake below should also be stated clear of same.*

Upper Deck Stringer Plate { **Butts,** DR. ✓ riveted for Full length ~~amidship~~.
Straps, ~~single, double or overlapped for~~ ✓ length amidship.

Second Deck Stringer Plate { **Butts,** ✓ riveted for ✓ length amidship.
Straps, single or overlapped for ✓ length amidship.

Butts of Side Stringers ✓ riveted.
,, **Tie Plates** ✓ riveted.
Inner Bottom Plating, riveting of **Edges** ✓ **Butts** ✓
Centre Girder Butts, ✓ riveted. **Keelson Butts,** ✓ riveted.
Frames, riveted through Plates with 5/8 ✓ in. Rivets, about 4½ ✓ apart.
Rivets, state whether Iron ~~or Steel.~~ Iron ✓

FRAMES extend in one length from Keel to Deck. ✓ State if ordinary ~~or joggled~~ Yes. ✓

REVERSED FRAMES ~~on floors and frames~~ extend ~~from~~ Across top of floors ✓ State if ordinary ~~or joggled~~ Yes. ✓

MASTS, SPARS, &c.

	Material.	Total Length.	Diameter and Thickness. At Partners.	Heel.	Hounds.	Head.	No. of Plates in round.	Angles. Number.	Angles. Size.	Riveting. Seams.	Riveting. Butts.
Lower Masts ..... ~~Fore~~ Pole Mast.	P.P.	36' 8"	✓	8	5 3/4	2½.	✓	✓	✓	✓	✓
~~Main~~	✓										
~~Mizen~~	✓										
Bowsprit	✓										

Topmasts, Yards and Remainder of **Spars** ✓

Rigging, Material and Size, **Shrouds** ✓

Sails. ✓ . **Stays** ✓

Suit of ✓ Sails, and the following spare sails ✓

Form No. 14.

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16 AUG 1924

EQUIPMENT No. As per Surys letter ~~LETTER~~ 15th April 1924 ANCHORS. TONNAGE U. DK. OR PLATING No. FOR TRAWLERS

Number of Certificate.	Anchors.	Weight, Ex. Stock. Lbs. Cwts.	qrs.	lbs.	Weight of Stock. Cwts.	qrs.	lbs.	Test, per Certificate. Tons.	cwts.	qrs.	lbs.	Weight Required by Table 31. Cwts.	qrs.	lbs.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
15176	1st Bower ...	4	2	11	✓	✓		7	0	0	0	4	2	0	Hoods	All Forged	W Hood Co.	Chester 6/6/24 J. A. Parson
15177	2nd " ...	4	2	8	✓	✓		7	0	0	0	4	2	0	✓	"	"	" " " "
	3rd " ...																
	4th " ...																
	Collective weight.	9	0	19	✓							9	0	0	✓		
	Stream																
	Kedge.....																

If Patent state Name of Patentee. (Stockless, state Mechanical Tests.)

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

1st Bower All Forged
2nd " "
3rd " ✓
4th " ✓

CHAIN CABLES.

Number of Certificate.	Length and size supplied. Length.	Diam.	Test per Certificate. Statutory.	Breaking.	Weight of Chain Cable. Supplied.	Per Rule.	Length and Size per Table 31. Length.	Diam.	Description.	Makers of Cables.	Where and when tested, and Superintendent.
	Fathoms.	Ins.	Tons.	Tons.	Cwts. qrs. lbs.	Cwts. qrs. lbs	Fathoms.	Ins.			
58853.	60	13/16.	11 3/4	17 3/4	21. 2. 15	20. 1. 10	60	13/16	Stud Link	J. Taylor Son.	Lytham 16/5/24 W. A. Chapman
Iron Stream Chain or Steel Wire	✓	Cir.						Cir.			

HAWSERS AND WARPS.

Material.	Length and Size supplied. Length.	Cir.	Breaking Test of Steel Wire Towline.	Length and Size per Table 31. Length.	Cir.
	Fathoms.	Ins.	Tons.	Fathoms.	Ins.
TOWLINE					
HAWSERS & WARPS	60	5	-	60	5
" "	60	3	-	60	3.
	2.25	4	-		
" "	30	6½	-		
	30	6	✓		
	2.20	4			

Boats One Dinghy 11:0"
Pumps, Number Three
Windlass is by Clarke Chapman Co.
Engine Room Skylights.—How constructed? Steel
Coal Bunker Openings.—How constructed? Scuttles
Number of **Scuppers,** ~~and numbers and dimensions of Freeing Ports, &c.~~ 2 Scuppers each side
Ceiling in Holds, thickness and material ✓
Cargo Hatchways.—How formed? ✓
State size **No. 1 Hatch** (Forward) ✓ **No. 2 Hatch** ✓ **No. 3 Hatch** ✓ **No. 4 Hatch** ✓
Number of **Web Plates, Shifting Beams** and **Fore** and **Afters** to each Hatch ✓
Bulwarks, height above deck and description 35" Steel plate · 28" Bulk plate Stanchions 1½" × ⅜" apart 6'0" apart.

Steering Gear, Steam Farnworth **Steering Gear, Hand** Tiller
Diameter of Barrel 5" State whether they are in efficient working order Yes.
Capstan ✓
What arrangements for deadlights in bad weather? Slops with Bulls eye.
How are lids secured? Slot fastenings Height above deck? Flush
Cargo Battens, thickness and material ✓
Bunker **Hatches,** If strong and efficient? Yes.
No. of Breasthooks One **No. of Crutches** ✓
Main Rail, material and size Teak. 4 3/8" × 2½"

The foregoing is a correct description.
Builder's Signature (here only) W. J. YARWOOD & SONS LTD
Surveyor's Signature George Laird Hyle.
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*) Surys letter M 14th Nov. 1923 —

Workmanship. Are the butts of plating planed or otherwise fitted? Yes.
Is the riveted work properly closed? Yes.
Are the liners between the frames and plates solid single pieces? Yes.
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 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)? Yes. State results of tests Satisfactory

General Remarks (State quality of workmanship, &c.)
This vessel has been constructed in accordance with the approved plans, the Surveys letter and generally in conformity with the rules for the class contemplated.
The materials and workmanship are good.

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.

The amount of Entry Fee ..... £ 2 : 0 : 0 ✓
Special Survey Fee.... £ 20 : 0 : 0 ✓
Travelling Expenses, if any £ 2 : 12 : 8

Fees applied for, 15 AUG 1924 19
Received by me, 89.24

Certificate ~~to be~~ sent to Liverpool Date of issue 2/10/24

State whether the Vessel has been built under Special Survey Yes
I am of opinion this Vessel should be Classed ✠100A1. "For Towing Purposes" "Manchester Ship Canal" Without
With, or without Freeboard, as condition of Class

George Laird Hyle.
Surveyor to Lloyd's Register of Shipping.

Committee's Minute LIVERPOOL 15 AUG 1924
Character assigned ✠100A1 record 7:24.
"For Towing Purposes"
"Manchester Ship Canal"
Lloyds A.+C.P.

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

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GENERAL REMARKS—(*continued*).

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

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 should appear in the Register Book*) 1 DK (Steel).

Official No. 147402 ; Signal Letters ✓ State if Machinery is fitted aft No.

How are the surfaces preserved from oxidation? Inside Paint + Cement ✓ Outside Paint

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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	✓	✓
Double bottom, under Engines and Boilers,	✓	✓
Double bottom, if under Engines only, Steel	✓	Steel
Double bottom, if under Boilers only,	✓	✓
Double bottom, forward,	✓	✓
	Total capacity of double bottom	✓

Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Fore peak tank, Iron	✓	✓
After peak tank,	✓	✓
Deep tank, aft,	✓	✓
Deep tank, forward,	✓	✓
Other tanks, if fitted,	✓	✓
(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 ✓

Order for Special Survey No. 1174

Date 5.12.23

No. 538 in builder's yard.

Dates of Surveys held while building: 1924. February 14. March 7. April 9. May 30. July 16. 31.

Total No. of Visits 6

Surveyor's Signature George Laird Lyle

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