

SAT. 15 DEC. 1917 No. 70513

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

Received at London Office SAT 15 DEC 1977

Last Survey 3rd December 1917

STEAMER "GARTHWAITE"

Rig *Schooner*

54668

CLASS *+1027/*

FEET.

Master James Smith

Breadth (*greatest moulded*)

57.75

Year of Appointment

Total under Upper Dk.

Depth, at middle of length from top of keel to top of beams at side of uppermost Continuous Deck . . .

Built at *Wacker-on-Tyne*

Do. of Poop.....

Deduct height of 'tween deck when this does not exceed 8ft

When built 1914 Launched 3rd Sept 1915

Do. of R. Qr. Dk.

Transverse Number

By whom built. *Wm. Benson & Co.*

Do. of Bridge House
Do. of F...

Length on deck from fore part of stem to after part of sternpost

Owners Wm Gasthwaite

Do of Forecastle.....
 of Houses on Deck.....

Longitudinal Number

Managers Henry John Gast

of excess of Hatchings

Depth "d" at middle of length. See Secs. 2 & 13

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

above Crown of

Proportions, Depths to Length, Uppermost Continuous Deck at side to top of keel.

Residence 92-94 Gracehurst St.
Camden

Engine Room ..

" " " *Upper Deck at side*

Port belonging to *London*

Loss Tonnage

If Surveyed while Building, Afloat, or in Dry Dock Building

Crew Space.....

D. 1. 177

LENGTH on Deck as per Rule	Ft.	Ins.	BREADTH — Moulded ..	Ft.	Ins.	DEPTH, ACTUAL — Do.	Top of Floors to top of Awning or Shelter Dk. Beams do. Upper Deck Beams	Ft.	Ins.	No. of Decks with flat laid No. of Tiers of Beams
	400	0		51	9			33	28	2 2
Dimensions of Ship per Register,										
Length	400.5		breadth	52		depth.	Awning or Shelter Dk. ✓ Moulded depth, ft. 25 ins. 7 To Awning or Shelter Dk. Upper Deck. Moulded depth, ft. 24 ins. 7 To Upper Dk.			Round up of Uppermost Dk. Beam, Actual .. } 12 ins

FRAMING.						PILLARS.					
	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as	Inches per Rule Approved.		Inches. Size in Ship.	Inches. Spacing in Ship.	Inches. per Rule, Or as	Inches. per Rule, Approved.	
AME, Angles or E or C Bars, amidships	11	3½	62	11	3½	62	PILLARS, In 'tween Deck, size and spacing	278	54	278	54
" " IN 'TWEEN DECKS. ANGLE	6	3½	40	6	3½	40	" " Hold	BUILT PILLARS AS			
to. in peaks BULB ANGLE	7	3½	40	7	3½	40	" Quarter, 'tween Dks., "	PER APPROVED PLAN.			
to. in way of Double Bottoms at Solid Floors	3½	3½	40	3½	3½	40	" " in Hold				
" " B.J. at intermdt. Blts.	4½	3½	44	4½	3½	44					
ing of Frames from centre to centre amidships	24				24		KEELSONS AND STRINGERS.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
" length to collision bulkhead " from }	24				24		CENTRE LINE KEELSON, Vertical Plate above				
of Frames from centre to centre in peaks ..	24				24		floors, Through Plate, or Intercoastal Plate }				
VERSED FRAME, Angles.....	Bulk angle frames.						" Rider Plate				
o. in way of Double bottoms at Solid Floors....	3½	3½	40	3½	3½	40	" Flat Keel Plate Angles				
" " B.A. at intermdt. Blts.	7	3	40	7	3	40	" Horizontal Plates on Floors				
MING, depth of girder	Bulk angle frames.						" Angles or Bulb Angles.....				
ORS, depth and thickness of Floor Plate }	43	42		43	42		SIDE KEELSONS, Number.....				
at mid-line for ½ length amidships	E. 42 B. 50			E. 42 B. 50			" Angles or Bulb Angles	Cellular Double			
in way of Engine and Boiler spaces.....		38			38		" Plate above floors, for length	Bottom			
thickness at the ends of vessel							" Intercoastal Plate, for length				
depth at ¾ the half-bdth. as per Rule ..							" Attached to outside plating with Angle...				
height extended at the Bilges	43	42		43	42		BILGE KEELSON, Angles.....				
ORS, in Cell Double Bottoms	NOT EXCEPT UNDER E.B. EVERY 3RD PLATE UNLESS OTHERWISE NOTED						" Intercoastal Plate, for length				
state if flanged (top and bottom)							Attached to outside plating with Angle ..				
spacing of Solid.....	43	50		43	50		SIDE STRINGERS, Number ... 3	34	42	34	42
IRE GIRDER, in Dbl.bottom,dpth.& thknss	4½	4½	60	4½	4½	60	" " Angle . F.P.C.E.	6½	3½	6½	3½
" Angles, Top	4½	4½	60	4½	4½	60	" " Intercoastal Plate, for length				
" " Bottom	4½	4½	60	4½	4½	60	" Attached to outside plating with Angle	6	6	6	6
" " to Floors	5	5	56	5	5	56	Awning or Shelter Deck Stringer Plates,	56	56	56	56
Brackets at intermdt. frmng.,wdth & thknss	39	40		39	40		breadth and thickness	5x5	58	5x5	58
GIRDERS, number and thickness.....	2	40			40		" Angle on ditto				
" state if flanged (top & bottom)	ONLY FLANGED TO FLOORS						Tie Plates, fore and aft, outside Hatchways				
Angles	3½	3½	40	3½	3½	40	" Deck.* Iron or Steel, for Full lng.	40-34		40-34	
IN PLATE, depth (exclusive of flange) }	35	48		35	48		" Wood Deck. Material & thickness	IN WAY RECOMMENDATION ONLY			
and thickness	4	4	48	4	4	48	Upper Deck Stringer Plate, breadth and	54	42	54	42
Angles to outside plating.....	5	3½	40	5	3½	40	thickness.....	3½x3½	46	3½x3½	46
" to floors	39	40		39	40		" Angles on ditto, No. 2				
Brackets at intermdt. frmng.,wdth & thknss	39	40		39	40		" Tie Plates, outside Hatchways				
Height of Brackets above at bilge	69	46		69	46		" Deck.* Iron or Steel,for Full lng.	34		34	
BOTTOM PLATING, breadth and	E. 48 B. 56			E. 48 B. 56			" Wood Deck. Material & thickness	NONE		NONE	
thickness of Middle Line Strake....	42-38			42-38			Second Deck Stringer Plates, br'dth & thkn's				
" thickness in Engine and Boiler space	8½	3	48	8½	3	48	" Angles on ditto, No.				
" " Remainder in Holds	24			24			" Tie Plates, outside Hatchways				
S, Awng or Shlter Dk, Single Angle,							" Deck.* Material and thickness				
Bulb Angle, Plate, Tee Bulb or Channel							Third, Fourth & Fifth Deck Stringer Plate, }				
spacing							breadth and thickness }				
S, Upper Deck, Single Angle, Bulb Angle, }											

Form No. 18. WEB FRAMES. FORGINGS or CASTINGS. BULKHEADS. STIFFENERS. PLATING. RIVETING. BUTTS. Lower Masts, Main Masts, Mizzen Masts, Bowsprit, Topmasts, Yards and Remainder of Spars, Rigging, Material and Size, Shrouds, Sails.

EQUIPMENT. No. 34415 LETTER. ANCHORS. CHAIN CABLES. HAWSERS AND WARPS. Boats, Pumps, Windlass, Engine Room Skylights, Coal Bunker Openings, Number of Scuppers, Ceiling in Holds, Cargo Hatchways, State size No. 1 Hatch, No. 2 Hatch, No. 3 Hatch, No. 4 Hatch, Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch, No. of Breasthooks, No. of Crutches, Bulwarks, Correspondence, Workmanship, Is the riveted work properly closed?, Are the liners between the frames and plates solid single pieces?, Are the butts of plating planed or otherwise fitted?, Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)?, Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)?, General Remarks, The amount of Entry Fee, Special Survey Fee, Travelling Expenses, 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, Committee's Minute, Character assigned, FRI. DEC. 21 1917, Lloyd's Register of British and Foreign Shipping.

GENERAL REMARKS—(continued).

The ceiling on tank tops is only fitted under hatchways and over bilges: No. 1 tank (forward) has 2 air pipes 2" dia. & 1 sounding pipe 1½" dia. both with ordinary screwed caps at shelter deck: No. 2 tank, 2 air pipes 2" dia. with swan necks 15" above S.D.K. and 2 2" air pipes in fiddle casing 18" above S.D.K. also 1 sounding pipe in fiddle casing 1½" dia. all of these having screwed caps: No. 3 (hold) tank, 2 at 2" dia. air pipes in engine room at height of cylinder tops with screwed caps. 1 sounding pipe 1½" dia. at shelter deck with screwed cap. No. 4 tank, 2 air pipes 2" dia. with swan necks 1-10 above S.D. & 1 at 1½" dia. sounding pipe with screwed top at S.D. No sounding pipes fitted in shaft tunnel. The ballast lines and sections in tanks were not altered, the pipe ends being close to bottom. All tanks were tested to height of load water line.

The Builders state that the foregoing arrangements and modifications of the circulation have been agreed to by the O.C.S. with whom they have been in correspondence.

R. Langlands

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 *Complete Shelter 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) *1 DK (SH) & Shelter DK (SH) & Deep framing. Cargo Battens not fitted in Shelter Tween Dks.*

Official No. *140429*; Signal Letters

State if Machinery is fitted aft *no*

How are the surfaces preserved from oxidation? Inside *Cement & paint*

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.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	130.5	370	Fore peak tank,	20.4	102
Double bottom, under Engines and Boilers,	40.5	164	After peak tank,	22.5	136
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	180	626	Other tanks, if fitted,		
Total capacity of double bottom		1160	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks. *361*

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

Order for Special Survey No. *4673*

Date *13.3.1917*

No. *204* in builder's yard.

DATES OF SURVEYS held while building

1916 Dec. 27, Jan. 19, Feb. 6, 8, 26, 27, Mar. 1, 16, Apr. 11, May 8, 29, Jun 6, 19, 25, Jul 4, 13, Aug 17, 23, 29, Sep 7, 12, 18, Nov. 16, 19, 23, 28, 29, 30, Dec 3.

Total No. of Visits *30.*

Surveyor's Signature

R. Langlands

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