

With or Without  
Disconnected Erections

DISCLOSED

SECTION

STEEL

STEAMER.

DISCLOSED

SECTION

WED. JUL. 7 1920

Date of completion of report

Survey held at

Northwich, Cheshire

Date, First Survey

Apr 3<sup>rd</sup> 1919

Last Survey

May 26<sup>th</sup> 1920

1920

On the (Single, Twin, or Triple Screw)

TONNAGE under

Tonnage Deck...

Do. between Tonnage Dk. and 3<sup>rd</sup> and 4<sup>th</sup> Dk.

Total under Upper Dk.

Do. of Poop

Do. of R. & 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

Less Crew Space

Less above Crown of

Engine Room ...

TONNAGE FOR FEES...

Less Engine Room

Less Navigation Spaces

Register Tonnage

as cut on Beam ...

CLASS **A** "FOR RIVER PURPOSES ONLY"

FEET.

Master **Joseph Beunth.**

Year of appointment

(1) As Master in service of owner of present vessel—19  
(2) As Master of this vessel—1920

Built at **Northwich, Cheshire**

When built **1919** Launched **30<sup>th</sup> Nov<sup>r</sup> 1919.**

By whom built **W. J. Yarwood & Sons Ltd.**

Owner **Anchor-Brookbank Line.**

Managers **Thos. & Jno. Brookbank Ltd.**  
(Where necessary to be entered in Reg. Book.)

Residence **Riverpool**

Port belonging to **Riverpool**

Destined Voyage **Riverpool**

If Surveyed while Building, Afloat, or in Dry Dock **Building & afloat.**

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
96 0			23 0			Do. do. do. do. Second Dk. Beams	9 8		one

Dimensions of Ship per Register, Length	96.0	breadth	23.2	depth	9.25	Moulded depth, ft. ins.	10	To Bridge Dk.	Round of Upper	8	ins.
						Moulded depth, ft. ins.	0	To Upper Dk.	Dk. Beam, Actual		

FRAMING.							PILLARS.						
	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as	Inches per Rule	Inches per Rule Approved.		Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as	Inches per Rule Approved.	
FRAME, Angles, <del>E L</del> <i>Boiler space</i> amidships	4	3	35	4	3	35	PILLARS In 'tween Deck, size and spacing	2 1/2	42	2 1/2	42		
Do. in peaks	4	3	35	4	3	35	" " Hold	2 1/2	42	2 1/2	42		
Do. in way of Double Bottoms at Solid Floors...	-	-	-	-	-	-	" " Quarter 'tween Dks.,	-	-	-	-		
" " " at intermdt. Bkts.	-	-	-	-	-	-	" " in Hold	-	-	-	-		
Spacing of Frames from centre to centre amidships		21			21		KEELSONS & STRINGERS.						
" " " from 1/2 length to Collision bulkhead		21			21		CENTRE LINE KEELSON, <del>Vertical Plate above</del> <i>Through Plate, on Intercoastal Plate</i>		15	7/16		15	7/16
" " " in peaks.		21			21		" " Rider Plate	-	-	-	-	-	-
REVERSED FRAME, Angles	2 1/2	2 1/2	5/16	2 1/2	2 1/2	5/16	" " Flat Plate Keel Angles	3	3	35	3	3	35
Do. in way of <del>Double Bottoms at Solid Floors</del> <i>Boiler space</i>	2 1/2	2 1/2	5/16	2 1/2	2 1/2	5/16	" " Horizontal <del>Plates on Floors</del> <i>Bulb angles</i>	7	3	35	7	3	35
" " " <i>Engine space</i> at intermdt. Bkts.	3	3	30	2 1/2	2 1/2	5/16	" " Angles or Bulb Angles	-	-	-	-	-	-
FRAMING, depth of girder	-	-	-	-	-	-	SIDE KEELSONS, Number	<i>One</i>			<i>One</i>		
FLOORS, depth and thickness of Floor Plate) at mid-line for 1/2 length amidships	12	30		12	30		" " Angles or Bulb Angles	6	3	35	5	3	35
" " in way of Engine and Boiler Spaces	12	30		12	30		" " Plate above floors, for length	-	-	-	-	-	-
thickness at the ends of vessel	-	-	30	-	-	30	" " Intercoastal Plate, for 3/5 length	2 1/2	2 1/2	5/16	2 1/2	2 1/2	5/16
depth at 1/2 the half breadth, as per Rule	-	-	-	-	-	-	" " Attached to outside Plating with Angle	-	-	-	-	-	-
height extended at the Bilges	Straight across.						BILGE KEELSON, Angles	-	-	-	-	-	-
ORS in Cell. Double Bottoms	-	-	-	-	-	-	" " Intercoastal Plate for length	-	-	-	-	-	-
state if flanged (top & bottom)	-	-	-	-	-	-	" " Attached to outside Plating with Angle	-	-	-	-	-	-
Spacing of Solid floors	-	-	-	-	-	-	SIDE STRINGERS, Number	-	-	-	-	-	-
PRE GIRDER, in Dbl. bottom, dpth. & thknss.	-	-	-	-	-	-	" " Angle	-	-	-	-	-	-
" Angles, Top	-	-	-	-	-	-	" " Intercoastal Plate, for length	-	-	-	-	-	-
" " Bottom	-	-	-	-	-	-	" " Attached to outside plating with Angle	-	-	-	-	-	-
" " to Floors	-	-	-	-	-	-	Upper Deck Stringer Plate, br'dth & thickness	54	3/8	54	3/8		
Brackets at intermdt. frmg., wdth & thknss	-	-	-	-	-	-	" " " " " (clear of Bridge)	-	-	-	-	-	-
GIRDERS, number on each side & thickness	-	-	-	-	-	-	" " " " " br'dth & thickness	-	-	-	-	-	-
state if flanged (top and bottom)	-	-	-	-	-	-	" " " " " (in way of Bridge)	3 x 3 x	35	3 x 3 x	35		
" Angles (top and bottom)	-	-	-	-	-	-	" " " " " Angle (clear of Bridge)	-	-	-	-	-	-
" " to Floors	-	-	-	-	-	-	" " Tie Plate at sides of Hatchways	-	-	-	-	-	-
PLATE, depth (exclusive of flange)	-	-	-	-	-	-	" " Deck. * Iron or Steel, for whole lng.	3/8		3/8			
and thickness	-	-	-	-	-	-	" " Thickness (clear of Bridge)	-	-	-	-	-	-
" Angle to Outside Plating	-	-	-	-	-	-	" " " " " (in way of Bridge)	-	-	-	-	-	-
" " Floors	-	-	-	-	-	-	" " Wood Deck. Material & thickness	-	-	-	-	-	-
Brackets at intermdt. frmg., wdth & thknss	-	-	-	-	-	-	Second Deck Stringer Plate, br'dth & thickness	-	-	-	-	-	-
Height of Outside Brackets above at bilge	-	-	-	-	-	-	" " Angles on ditto, No.	-	-	-	-	-	-
<del>INNER BOTTOM PLATING, br'dth and thickness</del> <i>Plated to shell</i>	-	25		-	25		" " Tie Plates outside Hatchways	-	-	-	-	-	-
" " " in Engine and Boiler space	-	-	-	-	-	-	" " Deck. * Iron or Steel, for lng.	-	-	-	-	-	-
" " Remainder in Holds	-	-	-	-	-	-	" " Wood Deck. Material & thickness	-	-	-	-	-	-
BEAMS, Upper Deck, Single Angle, Bulb	3	3	3/8	3	3	3/8	Third Deck Stringer Plate, br'dth & thickness	-	-	-	-	-	-
Angle, Plate, Tee Bulb, or Channel	-	-	-	-	-	-	" " Angles on ditto, No.	-	-	-	-	-	-
In way of Long Bridge	-	-	-	-	-	-	" " Tie Plates, outside Hatchways	-	-	-	-	-	-
Spacing	21			21			" " Deck. Material and thickness	-	-	-	-	-	-
BEAMS, Second Deck, Single Angle, Bulb	2 1/2	2 1/2	5/16	2 1/2	2 1/2	5/16	Fourth and Fifth Deck Stringer Plate, br'dth & thickness	-	-	-	-	-	-
Angle, Plate, Tee Bulb, or Channel	-	-	-	-	-	-	" " Angles on ditto, No.	-	-	-	-	-	-
Spacing	21			21			" " Tie Plates outside Hatchways	-	-	-	-	-	-
BEAMS, Third and Fourth Deck, Single Angle, Bulb	-	-	-	-	-	-	" " Deck. Material & thickness	-	-	-	-	-	-
Bulb Angle, Plate, Tee Bulb, or Channel	-	-	-	-	-	-	Poop Deck Stringer Plate, br'dth & thickness	-	-	-	-	-	-
Angles on upper edge	-	-	-	-	-	-	" " Angle on ditto	-	-	-	-	-	-
Spacing	-	-	-	-	-	-	" " Tie Plates	-	-	-	-	-	-
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	-	-	-	-	-	-	" " Deck. Material and thickness	-	-	-	-	-	-
Angles on upper edge	-	-	-	-	-	-	Bridge Deck Stringer Plate, br'dth & thickness	-	-	-	-	-	-
Spacing	-	-	-	-	-	-	" " Angle on ditto	-	-	-	-	-	-
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	-	-	-	-	-	-	" " Tie Plates	-	-	-	-	-	-
Angles on upper edge	-	-	-	-	-	-	" " Deck. Material and thickness	-	-	-	-	-	-
Spacing	-	-	-	-	-	-	Forecastle Deck Stringer Plate, br'dth & thickness	-	-	-	-	-	-
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	-	-	-	-	-	-	" " Angle on ditto	-	-	-	-	-	-
Angles on upper edge	-	-	-	-	-	-	" " Tie Plates	-	-	-	-	-	-
Spacing	-	-	-	-	-	-	" " Deck. Material and thickness	-	-	-	-	-	-

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

013750 - 013759 - 0133 1/2



WEB FRAMES.

WEB-FRAMES, In Fore Body, No. and spacing

brdth. & thickness

No. of Side Stringers

WEB-FRAMES, In E. & B. Space, No. & spacing

brdth. & thickness

No. of Side Stringers

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.....

STIFFENERS.

Horizontal.

Vertical.

Single or Double Frames.

Height up, state deck.

BULKHEADS.

Number.

Thickness.

Horizontal.

Vertical.

Single or Double Frames.

Height up, state deck.

W.T. BULKHEADS

Number.

Thickness.

Horizontal.

Vertical.

Single or Double Frames.

Height up, state deck.

COLLISION PARTITION

Number.

Thickness.

Horizontal.

Vertical.

Single or Double Frames.

Height up, state deck.

LONGITUDINAL

Number.

Thickness.

Horizontal.

Vertical.

Single or Double Frames.

Height up, state deck.

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

No

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

None

FORGINGS or CASTINGS.

Keel, Bar, depth and thickness

STEM, moulding and thickness

STERN-POST for Rudder do. do.

for Propeller

RUDDER-A&D° Table 22. Speed

Main-Piece, diameter at head

at heel

RUDDER, how constructed

Thickness of Plates or Single Plate

Can the Rudder be unshipped afloat?

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.?

Parkgate Iron & Steel Co.

Bolton, Vaughan & Co.

Has the Steel been tested as required by the Rules?

Yes

PLATING.

AS IN SHIP.

PER RULE OR AS APPROVED.

STRAKES

FLAT PLATE KEEL

GARBOARD or A Strake

B

C

D

E

F

G

H

I

J

K

L

M

N

O

P

Q

R

S

T

U

V

W

THICKNESS OF STRAKES

CLEAR OF LONG BRIDGE

DO. OF STRAKE BELOW

DBLG. of Flat Plate Keel

Sheerstrakes

Length and thickness.

POOP SIDES

SHORT BRIDGE SIDES

FORECASTLE SIDES

EDGES.

Ordinary or Joggled?

RIVETS.

Double or Treble and for what Length.

RIVETS.

Diam.

Spacing or to cr.

STRAPS.

Breadth.

THICKNESS.

IF LAPPED.

Breadth.

For what Length.

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

Upper Deck

Butts, riveted for

length amidship.

Butts of Side Stringers

single, double or overlapped for

length amidship.

Second Deck

Butts, riveted for

length amidship.

Stringer Plate

Straps, single or overlapped for

length amidship.

Upper deck plating butts double riveted, seams single riveted.

FRAMES extend in one length from

to

State if ordinary or joggled

REVERSED FRAMES on floors and beams extend across floors.

State if ordinary or joggled

MASTS, SPARS, &c.

Material.

Total Length.

Diameter and Thickness.

No. of Plates in round.

ANGLES.

RIVETING.

LOWER MASTS.

Bowsprit

Topmasts, Yards and Remainder of Spars

Rigging, Material and Size, Shrouds

Sails.

Fore

Main

Mizen

Suit of

Sails, and the following spare sails

EQUIPMENT No. 8168				LETTER B				ANCHORS.				TONNAGE U.D.K. OR PLATING NO. FOR TRAWLEES									
Number of Certificate.		Anchors.		WEIGHT, EX 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.							
20309	1st Bower ...	3	0	8	Steel			5	12	0	21				Atlas (Cast Steel head)	Homer & Son L.P.H.C.H. 30/9/15. Paul.					
	2nd "																				
	3rd "																				
	4th "																				
	Effective weight.																				
	Stream .....																				
	Kedge.....																				
Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.		1st Bower Anchor head 1 cut 2 qrs 26 lbs. 9 to Penn. 1832. 9 June 1915. 2nd " 3rd " 4th "																			
CHAIN CABLES.												HAWSERS AND WARPS.									
Number of Certificate.		Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length and Size per Table 31.		Description.	Makers of Cable.	Where and when tested, and Superintendent.	Material		Length and Size supplied.		Breaking Test of Steel Wire Towline.		Length and Size per Table 31.		
		Length.	Diam.	Stays.	Break ing.	Supplied.	Per Rule.	Length.	Diam.							Length.	Cir.	Tens.	Length.	Cir.	
27098	60	4 1/16	8 9/16	7 3/16	23-1-24					Shadish R. Sykes	L.P.H.C.H. 27/5/19	Paul.	TOWLINE	2-30	3 1/2	25	2 1/2				
The weight given is for 90 fms. but 60 fms only supplied to vessel with the above Certificate.																					
Iron Stream Chain or Steel Wire																					
Boats One dinghy 14' x 0"												Steering Gear, Steam None.				Steering Gear, Hand Yarwoods.					
Pumps, Number Two hand.												Diameter of Barrel 4"				State whether they are in efficient working order Yes.					
Windlass is None.												Capstan None.									
Engine Room Skylights.—How constructed? Steel, Shingled flaps.												What arrangements for deadlights in bad weather? Bulls eye lights.									
Coal Bunker Openings.—How constructed? Cast iron scuttles.												How are lids secured? Screw joint.				Height above deck? Flush.					
Number of Scupperns, and numbers and dimensions of Freeing Ports, &c. 3 scupperns each side.												No freeing ports.									
Ceiling in Holds, thickness and material 2 1/2" Fibre pine												Cargo Battens, thickness and material None.									
Cargo Hatchways.—How formed? Steel coverings.												Hatches, If strong and efficient? Yes.									
State size No. 1 Hatch (Forward) 42' 0" x 14' 0" No. 2 Hatch —												No. 3 Hatch —				No. 4 Hatch —					
Number of Web Plates, Stiffening Beams and Fore and Afters to each Hatch One steel.												No. of Breasthooks —				No. of Crutches Deep floors.					
Bulwarks, height above deck and description 27" Steel, At stem only.												Main Rail, material and size 7" x 2" Oak.									
The foregoing is a correct description W. J. YARWOOD & SONS, LTD.												Surveyor's Signature W.W.Cole				E.H. Dean					
Builder's Signature (here enter) J.W. Wood												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) M. 13/2/19, 26/2/19, 24/3/19, 9/12/19.																					
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? None																					
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 facing 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.) Workmanship good.																					
This vessel has been built in accordance with the approved plans, the Secretary's letters of the above dates, & generally in conformity with the Rules, for the class contemplated.																					
Three Approved Plans																					
Two forging certificates.																					
(512) 22 270																					
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 ..... £ 1 : 0 : 0 Fees applied for,																					
Special Survey Fee ..... £ 8 : 17 : 0 Received by me,																					
Travelling Expenses, if any £ 4 : 16 : 4 24/5/19 20 bbb 25 ✓																					
State whether the Vessel has been built under Special Survey Yes.																					
I am of opinion this Vessel should be Classed "A for River purposes only." W.W.Cole E.H. Dean																					
With, or without Freeboard, as condition of Class Without.																					
Surveyor to Lloyd's Register of Shipping.																					
Committee's Minute LIVERPOOL 6 JUL 1920																					
Character assigned A-																					
For river purposes only.																					
J.W. Wood																					
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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 — ft. (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 should appear in the Register Book) One da (ste)  
 Official No. 143603 ; Signal Letters — State if Machinery is fitted aft Yes.  
 How are the surfaces preserved from oxidation? Inside Cement on bottom. Paint elsewhere. 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,			Fore peak tank,	<u>12.5</u>	<u>15.5</u>
Double bottom, under Engines and Boilers,			After peak tank,	<u>5.25</u>	<u>7.0</u>
Double bottom, if under Engines only,			Deep tank, aft, <u>Side tank in Boil. Room</u>	<u>12.25</u>	<u>10.0</u>
Double bottom, if under Boilers only,			Deep tank, forward,	—	—
Double bottom, forward,			Other tanks, if fitted,	—	—
			(If necessary, furnish further information by sketch.)		
			State whether the above have been tested as required by the Rules <u>Yes.</u>		

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

Order for Special Survey No. 1132

Date 17/7/1919.

No. 283 in builder's yard.

DATE OF SURVEYS  
held while building

1919  
Apr 3. 11. 29. May 13. 28. June 5. July 8. 22. Aug 12. 26. Sept 9. Oct 10. c Nov 21. 28. Dec 9. 30  
27. Mar 17. Apr 9. 23. May 13. 26.

Total No. of Visits 2

Surveyor's Signature

W.W. COE

Alt Dean

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