

## STEEL STEAMER OR MOTORSHIP.

Received at London Office - 4 OCT 1924

State if Report has been sent on the Freeboard of the Vessel *Yes. (Inst. No. 12055)*State if Report is sent on the Machinery of the Vessel *Yes.*Date of completion of report *2nd October 1924* Port of *Middlesbrough* No. *12099*  
Survey held at *Stockton-on-Tees* Date First Survey *28th March 1924* Last Survey *29th September 1924*  
On the *Steamer Reedpool*State Type *(Full Scantling, Complete Superstructure with or without Tonnage Openings)* *Full Scantling*State Type of Erections *P. B. & F.*TONNAGE under Tonnage Deck... *4609.52*CLASS *+100 A1*State if with freeboard as condition of Class *No*Built at *Stockton-on-Tees*Do. of space or spaces between Tonnage Deck and Upper Deck *✓*Total *✓*Gross Tonnage *4838.47*Register Tonnage *2993.72*REGISTERED DIMENSIONS.  
FEET.Length *390.0*Breadth *38.5*Depth *26.4*Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) *L 390.0*Breadth (greatest moulded) *B 38.5*Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 28.75*1st Longitudinal Number (L x D) *= 11212*2nd Numeral L x (B + D) *= 32779*Framing Depth "d," at middle of length. See Sec. 3 (1d) *28.42*Proportions—Depth to Length—Uppermost continuous deck to top of keel *13.56*Do. Long Bridge to top of keel *10.75*Draught Moulded *24'-2 3/4"*Launched *29.8.24* Yard No. *845*Builders *The Ropner Ship & Rep. Co. (Stockton) Ltd.*Owners *Sir R. Ropner & Co. Ltd.*Managers *✓*  
(Where necessary to be entered in Reg. Book.)Residence *West Hartlepool*Port of Registry *Stockton-on-Tees*If surveyed while building, afloat, or in dry dock *Yes.*

## FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.			Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.			Any Departure from Approved Plans to be Noted.
<b>FRAMES, Spacing amidships</b> .....	27	✓			<b>Bracket Floors, Frame</b> .....	9	3 1/2	.48	✓
" " from 1/2 length to Collision bulkhead.....	"	✓			" " Reversed Frame.....	8 1/2	3	.48	✓
" " in peaks.....	24	✓			" " Vertical Struts.....	9	3 1/2	.5	✓
<b>SIDE FRAMING.</b>					<b>Centre Girder, depth and thickness amidships</b>	4 1/2		.52	✓
<b>Frame Amidships, Angle, [ or ]</b> .....	11 x 3 1/2 x 3 1/2 x 4 1/2 in B.S.	✓			" " top Angles.....	3 1/2	3 1/2	.5/48	✓
" " Extends up to.....	Upper Deck	✓			" " bottom Angles.....	4	4	.56/52	✓
<b>Reversed Frame Amidships, Angle</b> .....	✓				<b>Side Girders, No. each side and thickness</b> .....	One		.38	✓
" " Extends up to...	✓				<b>Margin Plate</b> depth (excl. of flange) and thickness.....	37		.5	✓
<b>Depth of Framing Girder</b> .....	✓				" " Vertical Angle to Tank side	6	6	.42	✓
<b>Frames in Uppermost Continuous 'tween Decks, Angle, [ or ]</b> .....	7 3 .36	✓			" " Bracket abaft 1/2 len. from stem.....	"	"	"	✓
" " <b>Second 'tween Decks, Angle, [ or ]</b> .....	✓				" " Vertical Angle to Tank side	"	"	"	✓
" " <b>Third " " " " " "</b> .....	✓				" " Bracket forward 1/2 len. from stem.....	"	"	"	✓
<b>Framing in Peaks, Angle, [ or ]</b> .....	7 1/2 3 .375 + .015	✓			" " Gussets, spacing and scantling abaft 1/2 len. from stem.....	27	3 1/2 x 3 1/2	.42	✓
<b>Diameter and Spacing of Rivets through Shell Plating</b> .....	7/8. 7-8 1/2 dia.	✓			" " Gussets, spacing and scantling forward 1/2 len. from stem.....	"	"	"	✓
<b>State if Frame Joggled</b> .....	No	✓			<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>	60 1/2			✓
<b>PANTING ARRANGEMENTS</b> (Sec. 7), state system and particulars.....	3 webs 36 x .52 4 stringers 36 x .36	✓			<b>INNER BOTTOM PLATING.</b>				
<b>STRENGTHENING OF BOTTOM FOR WARD.</b> State Particulars.....	Shells, Mid. Distances 6 6 .48 from 4 in. to 4' spacing	✓			Breadth and thickness of Middle Line Strake ...	58	.5	.4 + .8	✓
<b>SINGLE BOTTOM.</b>					Thickness of remainder in Holds.....	.42	.36		✓
<b>Floors, Depth and thickness at mid-line in Holds</b> .....					Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room?.....	Yes.			✓
Height of Brackets at side above base line at toe of frame.....					<b>BEAMS.</b>				
<b>Middle Line Keelson, on Floors, Angles, [ or ]</b> .....					<b>Uppermost Continuous Deck, amidships in Wells, Angle, [ or ]</b> .....	7	3 1/2	.44	✓
" " Through Plate or Intercostal Plate.....					" " in way of Bridge, Angle, [ or ]	"	"	"	✓
" " Foundation Plate on Floors.....					Spacing.....	27			✓
" " Flat Plate Keel Angles.....					<b>Second Deck, amidships, Angle, [ or ]</b> .....	✓			
<b>Side Keelsons, No. each side</b> .....					Spacing.....				
" " thickness of Intercostal Plate.....					<b>Third Deck, amidships, Angle, [ or ]</b> .....	✓			
" " Angles.....					Spacing.....				
<b>DOUBLE BOTTOM.</b>					<b>Fourth Deck, amidships, Angle, [ or ]</b> .....	✓			
<b>Solid Floors, thickness and spacing</b> .....	.38 27-81	✓			Spacing.....				
" " Are Frame and Reversed Frame joggled?.....	Neither	✓			<b>Poop Deck, Angle, [ or ]</b> .....	7 1/2 3 .42			✓
<b>Bracket Floors, breadth and thickness at middle line</b> .....	42 .38	✓			Spacing.....	24-27			✓
" " breadth and thickness at margin plate.....	34 .38	✓			<b>Bridge Deck, Angle, [ or ]</b> .....	6 1/2 3 .4			✓
					Spacing.....	27			✓
					<b>Forecastle Deck, Angle, [ or ]</b> .....	7 3 1/2 .46			✓
					Spacing.....	24-27			✓

W1155-0085 1/2



## PILLARS AND DECKS.

		INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.	
<b>PILLARS, No. of Rows.....</b>		Three.			
" in 'tween Decks, Size and Spacing.....		2 1/2	54		
Quarter		II wide spaced			
"	"	4 girders.			
"	"				
"	in Holds	3 1/2	53 1/4	54	
Quarter		II wide spaced			
"	"	4 girders.			
<b>Centre Line Bulkhead.</b>					
Stiffeners and Spacing.....		✓			
Plating, thickness of .....		✓			
<b>STRINGERS AND DECKS.</b>					
<b>Uppermost Continuous Deck.</b>					
Stringer Plate, breadth and thickness in Wells		68	88	42	
"	" " " " in way of Bridge	69	✓	.4	✓
"	Angle in Wells .....	6	6	.82	✓
		3 1/2	3 1/2	.42	✓
Thickness of Plating abreast Deck openings } in way of Wells .....		.83	.57	✓	
Thickness of Plating abreast Deck openings } in way of Bridge .....		.36		✓	
If Sheathed, material and thickness .....		✓			
<b>Second Deck.</b>					
Stringer Plate, breadth and thickness in Wells...		✓			
Stringer Plate, breadth and thickness in way } of Bridge .....					
Thickness of Plating abreast Deck openings } in way of Wells .....					
Thickness of Plating abreast Deck openings } in way of Bridge .....					
If Sheathed, material and thickness .....					
<b>Third Deck.</b>					
Stringer Plate, breadth and thickness.....					
If Plated, state thickness.....					
<b>Fourth Deck.</b>					
Stringer Plate, breadth and thickness.....					
If Plated, state thickness .....					
<b>Poop Deck.</b>					
Stringer Plate, breadth and thickness .....		35		.34	✓
Plating, Sheathing, material and thickness ...		.33		1.03	✓
<b>Bridge Deck.</b>					
Stringer Plate, breadth and thickness.....		56		.54	✓
Plating, Sheathing, material and thickness ...		.49		.39	✓
<b>Forecastle Deck.</b>					
Stringer Plate, breadth and thickness.....		34		.34	✓
Plating, Sheathing, material and thickness ...		.3	523	1.19	✓

## SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if joggled? <i>no</i>			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		NO. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.	
	Breadth.	Thickness.	Thickness.	Thickness.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.		
	Inches.	Inches.	Inches.	Inches.		Inches.	Inches.		Inches.	Inches.			
FLAT PLATE KEEL .....	<i>49</i>	<i>.75</i>	<i>.67</i>	<i>.67</i>		<i>Double</i>	<i>1</i>	<i>3 1/2</i>	<i>Three</i>	<i>1</i>	<i>3 1/2</i>	<i>Strapped</i>	
„ DBLG. (if any)	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>		<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>		
BOTTOM PLATING, No. of of Strakes ... <i>17</i> .....	<i>78 1/2</i> <i>72 1/2</i>	<i>.59</i>	<i>.59</i>	<i>.46</i>	<i>.48</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>		
BILGE PLATING, No. of Strakes ... <i>2</i> .....	<i>63 1/2</i> <i>58 1/2</i>	<i>✓</i>	<i>.46</i>	<i>.44</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>		
SIDE PLATING, No. of Strakes ... <i>3</i> .....	<i>75</i> <i>74</i>	<i>✓</i>	<i>.44</i>	<i>.46</i>	<i>.44</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>		
UPPER DECK, Sheer- strake in Wells.....}	<i>60</i>	<i>✓</i>	<i>.82</i>	<i>.82</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>		
UPPER DECK, Sheer- strake in Bridge ...}	<i>✓</i>	<i>.59</i>	<i>.44</i>	<i>.44</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>		
STRAKE BELOW Sheer- strake in Wells.....}	<i>74</i>	<i>✓</i>	<i>.74</i>	<i>.74</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>		
STRAKE BELOW Sheer- strake in Bridge ...}	<i>✓</i>	<i>.59</i>	<i>.44</i>	<i>.44</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>		
POOP SIDE PLATING .....				<i>.38</i>	<i>✓</i>	<i>Single</i>	<i>3/4</i>	<i>3</i>	<i>one</i>	<i>3/4</i>	<i>2 5/8</i>	<i>✓</i>	
BRIDGE SIDE PLATING ...	<i>52 1/2</i> <i>47</i>	<i>.6</i>				<i>Double</i>	<i>7/8</i>	<i>3 3/8</i>	<i>Three</i>	<i>7/8</i>	<i>3 3/8</i>	<i>✓</i>	
FOREC'TLE SIDE PLATING			<i>.4</i>			<i>Single</i>	<i>3/4</i>	<i>3</i>	<i>one</i>	<i>3/4</i>	<i>2 5/8</i>	<i>✓</i>	

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	6 ✓
Extending to Upper Deck (Sec. 3 c).....	"
„ Deck next below.....	✓
As per Rule.....	6 ✓

FORGINGS ~~and CASTINGS.~~

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
<b>KEEL, Bar</b> .....	✓	✓	✓	
<b>STEM</b> .....	Scrap Iron	9 1/4 x 2 1/2	Borington Forge.	
<b>STERN FRAME</b> {	Propeller Post	10 1/2 x 7 3/8	do	
	Rudder	9 x 7 3/8	do	
<b>RUDDER—A x D</b> .....	431			
<b>Speed of Vessel</b> .....	under 10 knots			
<b>RUDDER</b> mainpiece at head .....	Scrap Iron Forging	10 1/4 ✓	do	+3/4
" " heel .....		7 3/4		+1/2
" " how constructed .....	Arms	as pinches		
" " <del>double</del> single plate		1-06 ✓		
" " coupling, vertical or horizontal .....	Vertical	✓		

STEEL.

			Plating Thickness.	STIFFENERS.			
				VERTICAL.		HORIZONTAL.	
				Scantlings.	Spacing.	Scantlings.	Spacing.
<b>MIDSHIP BULKHEAD,</b>	Tween decks...		v				
"	"	"	v				
"	"	"	v				
"	"	"	v				
"	"	"	v				
"	"	"	v				
"	"	"	v				
"	Holds .....		v				
<b>COLLISION</b>	(in Hold) .....						
<b>AFTER PEAK</b>	"	"					

Manufacturer's name or trade mark of the Steel used in the construction of the Vessel (state process of manufacture) *open Hearth :- Bolckow Vandevoort & Co. Ltd. South Durham, Cargill & Co. Ltd. Skinningport*

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



EQUIPMENT No. 34738 ✓

LETTER

Number of Certificate.	Anchors.	WEIGHT, <del>SEE</del> STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 53.		Description of Anchor.	ANCHORS.		
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	Makers.		Where and when tested and Superintendent.		
28389	1st Bower ...	61	1	0	38	2	7	49	0	2	14	60.0.0	Ryers Imp.	Per W.L. Ryers	Sept. 25. 8. 24. W.H.L.		
28390	2nd „ ...	60	0	0	38	0	14	48	7	2	0	60.0.0	„	„	„		
28378	3rd „ ...	50	3	14	33	1	21	42	18	1	21	50.2.0	„	„	„		
	Collective weight.	172	0	14								170.2.0	„	„	„		
58356	Stream .....	16	2	14	4	1	18	17	18	1	21	16.1.0	Ordinary	R. Blommer	Sept. 20. 8. 24. W.A.L.		

CHAIN CABLES.

## CHAIN CABLES.

Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.				Length and Size per Table 53.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire.	Length and Size per Table 53.	
	Length.	Diam.	Statu- tory.	Break- ing.	Supplied.		Per Rule.		Length.	Diam.									
					Fathoms.	Ins.	Tons.	Tons.							Cwts.	qrs.		lbs.	Cwts.
59095	270	2 3/16	86 1/2	120 1/2	652.1.8		645.3.0		270	2 3/16	Shd link	N Bloomer	Septbr 20.8.24 W.A.S.	TOWLINE...	120	4 3/4	47	120	4 3/4
Iron Chain or Steel Wire		Cir.								Cir.				HAWSERS & WARPS	2090	3	18	2090	2 3/4
	90	4 3/4	47						90	4 3/4	S.S.W.	Hord Haggis	Makers.	"	"	2 3/4	18 1/2	"	2 1/2

## HAWSERS AND WARPS.

Steering Gear, Steam *Bonkin HCo* ✓

### Steering Gear, Hand

**Boats** Two 26'-6" Life, One 18' Jolly

### Steering Chains, Size and Test

Windlass *Imeson Walker & Son*

Ceiling in Holds, thickness and material.....  $2\frac{1}{2}$ " Mr. Hatch & Lumber Co

Cargo Battens, thickness, material and spacing *6" x 2". 15" spacing*

**Cargo Hatchways.**—(Upper Deck) *Plates & angles*

### Thickness of Hatches

Size of No. 1 Hatchway (Forward) 29'-8" x 20' No. 2 29'-3" x 20' No. 3 15'-9" x 19' No. 4 27' x 20' No. 5 27' x 20' No. 6 15'-9" x 20'

Number of **Shifting Beams** and/or **Fore and Afters** *nos 1 & 2, 3, nos 3 & 6, 7, nos 4 & 5, 7, nos*

FOR THE ROPNER SHIPBUILDING  
AND REPAIRING CO. (STOCKTON) LTD

*Builder's Signature*

H. J. Fowler  
Secretary.

## GENERAL DECLARATION

This vessel has been built in accordance with the approved plans, the Secretan's orders of dates 13 Dec. 1922 to 18<sup>th</sup> Sep<sup>r</sup> 1924, and in general conformity with the Revised Rules for the class contemplated, the materials and workmanship being good.

The foreboard has been assigned marked and cut in on the vessel side. All ballast tanks, bulkheads, decks and tunnel have been tested as required by the Rules and found satisfactory. Windlass and steering gear tried and found efficient. Watertight doors and fore peak pump tried and found efficient.

This is a sister vessel to the Ho. Bridgpool Marking No. 11946.

Three foregoing reports: Plans, of Profile & Mid: Sec: as built, and  
 12

The amount of Entry Fee ..... £ 8 : 0 : 0 ) Fees applied for,

Special Survey Fee.... £316 : 18 : 0

~~Travelling Expenses, if any~~ £ 10 : 0 : 0

Fees applied for,

3. 10. 1924

Received by me,

I am of opinion the Vessel should be Classed *+100 a1.*

State whether the Vessel has been built under Special Survey

Haul & Mch  
 Certificate to be sent to Middleborough

Date of issue 8/10/24

Signature \_\_\_\_\_

*Surveyor to Lloyd's Register of Shipping.*

## Committee's Minute

TUES. 7 OCT 1924

*Character assigned*

+ 100/41

*Lloyd axCP, + Lumb. 9. 24*

My

© 2020

Lloyd's Register  
Foundation

4155-0085 2/2



GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

Approved plans of Profile & Decks, Mid. Sec. Pumping arrangements, Pumping arrangements, Peak bulkheads & typical bulkhead, and amended plan of typical bulkhead, are forwarded herewith; and it is requested that these plans be returned for use on the sister vessel (No 546) now building.

The vessel received slight damage by collision while lying afloat at the yard, on the Sd side. No 11 plate in Hatchway has been renewed and No 12 joined in place.

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

1st Bower 34.0.0. C.B. A.4187. 26.7.24  
2nd " 34.2.8. C.B. A.4196 25. " "  
3rd " 30.1.8. M.B. 2014 10.7. "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 29.25 ft., R.Q.D. ✓ ft., Bridge 220.5 ft., Forecastle 40.5 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated ✓

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)

10k (2H).

Official No. 135609 ; Signal Letters

If bottom of Vessel has been coated Inside 940

particulars of composition Cement on shell throughout. Cement wash on floor to except engine room tank coated with Camrex & Boiler room dry tank coated with Black Varnish.

#### PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length.	Water Capacity.	Where Fitted.	*Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	126.0	364.0	Fore peak tank,	22.25	162
Double bottom, under Engines and Boilers,	✓	✓	After peak tank,	24.0	194
Double bottom, if under Engines only,	24.75	101.0	Deep tank, aft,		✓
Double bottom, if under Boilers only,	✓	✓	Deep tank, forward,		✓
Double bottom, forward,	171.0	594.0	Other tanks, if fitted,		
Total capacity of double bottom		1059.0	(If necessary, furnish further information by sketch.)		
* The wells are not to be included in the lengths of the tanks.					

The boiler room is a dry tank with openings & was not tested.

Order for Special Survey No. 1384

Date 16.3.24

Dates of Surveys held while building

1924 Jan. 28. Apr 3. 9. 16. 23 May 13. 19. 21. 24. 30. June 2. 4. 12. 16. 19. 23. 25. 29. July 3. 8. 10. 15. 18. 21. 23. 24. 29. 31. Aug. 1. 6. 8. 11. 13. 14. Sept. 3. 4. 8. 12. 15. 16. 18. 22. 23. 24. 25. 27. 29. 30.

Lloyd's Register Foundation

Total No. of Visits 40