

Rpt. 1.

## STEEL STEAMER or MOTORSHIP.

Received at London Office 25 MAY 35

State if Report has been sent on the Freeboard of the Vessel. Yes.

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

Date of completion of report 22.5.25.

Port of Middlesbrough.

No. 12356

Survey held at Stockton-on-Tees

Date First Survey 2nd December 24

Last Survey 21st May 1925

On the (Full or Partially Fitted) Steamer Willowpool

State Type (Full or Partially Fitted) Full Scantling

State Type of Erections R.B.F.

TONNAGE under Tonnage Deck 4582.07

CLASS +100 A1.

State if with freeboard as condition of Class No.

Built at Stockton-on-Tees

Do. of space or spaces between Tonnage Dk. and Upper Dk.

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) L 390.0

Launched 23.4.25 Yard No. 549

Total

Breadth (greatest moulded) B 55.5

Builders The Ropner Ship Co. Ltd.

Gross Tonnage 4815.34

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

Owners Sir Ropner &amp; Co. Ltd.

Register Tonnage 2977.99

1st Longitudinal Number (L x D) = 11212

Managers

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

## REGISTERED DIMENSIONS.

FEET.

Length

390.0

Breadth

55.5

Depth

26.4

Framing Depth "d," at middle of length. See Sec. 3 (1d) 25.37

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

Residence West Hartlepool

Port of Registry "

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 3/4	.48	/
" " from 1/2 length to Collision bulkhead	"			" " Reversed Frame	8 1/2	.48	/
" " in peaks	24		/	" " Vertical Struts	8 1/2	.48	/
<b>SIDE FRAMING.</b>				<b>Centre Girder, depth and thickness amidships</b>	4 1/2	.52	/
<b>Frame Amidships, Angle, [ or ]</b>	12 x 55 x 3 1/2 x 3 1/2 x 6		/	" " top Angles	3 1/2	.52	/
" " Extends up to	Upper deck		/	" " bottom Angles	4	.58/52	/
<b>Reversed Frame Amidships, Angle</b>	✓			<b>Side Girders, No. each side and thickness</b>	One	.38	/
" " Extends up to	✓			<b>Margin Plate depth (excl. of flange) and thickness</b>	36 1/2	.5	/
<b>Depth of Framing Girder</b>	✓			" " Vertical Angle to Tank side	6	.42	/
<b>Frames in Uppermost Continuous 'tween Decks, Angle, [ or ]</b>	7 3 .35		/	" " Bracket abaft 1/2 len. from stem	"	"	/
" " Second 'tween Decks, Angle, [ or ]	✓			" " Vertical Angle to Tank side	"	"	/
" " Third " " " "	✓			" " 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 Frame and Shell Plating amidships</b>	7/8. 7 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>	62	.45	/
<b>PANTING ARRANGEMENTS (Sec. 7), state system and particulars</b>	1" framing 4 side stringers		/	<b>INNER BOTTOM PLATING.</b>			
<b>STRENGTHENING OF BOTTOM FORWARD. State Particulars</b>	Shell, Mid. thickness 6 x .48 frames 4 mchls 4 op.		/	<b>Breadth and thickness of Middle Line Strake</b>	58 .52 .4	148"	0
<b>SINGLE BOTTOM.</b>				<b>Thickness of remainder in Holds</b>	.42 - .36	/	
<b>Floors, Depth and thickness at mid-line in Holds</b>				<b>Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. &amp; B. space and framing in Bunkers and Boiler Room?</b>	Yes.	/	
<b>Height of Brackets at side above base line at toe of frame</b>				<b>BEAMS.</b>			
<b>Middle Line Keelson, on Floors, Angles, [ or ]</b>				<b>Uppermost Continuous Deck, amidships in Wells, Angle, [ or ]</b>	10 1/2 3 1/2 .49	/	
" " Through Plate or Intercostal Plate				" " in way of Bridge, Angle, [ or ]	" " .46	/	
" " Foundation Plate on Floors				<b>Spacing</b>	27	/	
" " Flat Plate Keel Angles				<b>Second Deck, amidships, Angle, [ or ]</b>			
<b>Side Keelsons, No. each side</b>				<b>Spacing</b>			
" " thickness of Intercostal Plate				<b>Third Deck, amidships, Angle, [ or ]</b>			
" " Angles				<b>Spacing</b>			
<b>DOUBLE BOTTOM.</b>				<b>Fourth Deck, amidships, Angle, [ or ]</b>			
<b>Solid Floors, thickness and spacing</b>	38 27-81		/	<b>Spacing</b>			
" " 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		/	<b>Spacing</b>	24 4 37	/	
" " breadth and thickness at margin plate	34 .38		/	<b>Bridge Deck, Angle, [ or ]</b>	8 1/2 3 1/2 .49	/	
				<b>Spacing</b>	27	/	
				<b>Forecastle Deck, Angle, [ or ]</b>	7 3 1/2 .46	/	
				<b>Spacing</b>	24 4 27	/	



## PILLARS AND DECKS.

	INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.
<b>PILLARS, No. of Rows.....</b>	<i>One</i>			Stringer Plate, breadth and thickness in way of Bridge .....			
„ in 'tween Decks, Size and Spacing.....	<i>2 7/8</i>	<i>54</i>	<i>✓</i>	Thickness of Plating abreast Deck openings in way of Wells .....			
„ „ „ „ „	<i>3-3 3/8 at hatch ends.</i>		<i>✓</i>	Thickness of Plating abreast Deck openings in way of Bridge .....			
„ in Holds „ „			<i>✓</i>	Thickness of Plating within line of openings...			
„ „ „ „ „			<i>✓</i>	If Sheathed, material and thickness .....			
<b>Centre Line Bulkhead.</b>				<b>Third Deck.</b>			
Stiffeners and Spacing.....	<i>3/6</i>	<i>7 3 36 12 3 56</i>	<i>✓</i>	Stringer Plate, breadth and thickness.....			
Plating, thickness of .....		<i>0 54" spacing -8</i>	<i>✓</i>	If Plated, state thickness.....			
<b>STRINGERS AND DECKS.</b>				<b>Fourth Deck.</b>			
<b>Uppermost Continuous Deck.</b>				Stringer Plate, breadth and thickness.....			
Stringer Plate, breadth and thickness in Wells	<i>69</i>	<i>88-42</i>	<i>✓</i>	If Plated, state thickness .....			
„ „ „ „ in way of Bridge	<i>66</i>	<i>-4</i>	<i>✓</i>	<b>Poop Deck.</b>			
„ „ „ „ „	<i>6</i>	<i>6 82</i>	<i>✓</i>	Stringer Plate, breadth and thickness .....	<i>35</i>	<i>-34</i>	<i>✓</i>
„ Angle in Wells .....	<i>6 3 1/2</i>	<i>3 1/2 -42</i>	<i>✓</i>	Plating, Sheathing, material and thickness ...		<i>-33</i>	<i>✓</i>
Thickness of Plating abreast Deck openings in way of Wells .....		<i>83-57</i>		<b>Bridge Deck.</b>			
Thickness of Plating abreast Deck openings in way of Bridge .....		<i>-36</i>	<i>✓</i>	Stringer Plate, breadth and thickness.....	<i>56</i>	<i>-54</i>	<i>✓</i>
Thickness of Plating within line of openings...		<i>-34</i>	<i>✓</i>	Plating, Sheathing, material and thickness ...	<i>49</i>	<i>-39</i>	<i>✓</i>
If Sheathed, material and thickness .....		<i>✓</i>		<b>Forecastle Deck.</b>			
<b>Second Deck.</b>		<i>✓</i>		Stringer Plate, breadth and thickness.....	<i>34</i>	<i>-34</i>	<i>✓</i>
Stringer Plate, breadth and thickness in Wells...		<i>✓</i>		Plating, Sheathing, material and thickness ...	<i>3</i>	<i>52 1/2 100</i>	<i>✓</i>

## 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 .....	49	.75	.67	.67	✓	Double	1	3 1/4	Three	1	3 1/2	Strapped
" DELG. (if any)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
BOTTOM PLATING, No. of Strakes ..... 4.....)	75	.59	.59/.46	.48	✓	"	7/8	3 3/8	"	7/8	3 3/8	Lapped
BILGE PLATING, No. of Strakes ..... 2....)	57 1/2	"	.46/.44	"	✓	"	"	"	"	"	"	"
SIDE PLATING, No. of Strakes ..... 3....)	71	"	.44	.46/.44	✓	"	"	"	"	"	"	"
UPPER DECK, Sheer- strake in Wells.....)	60	✓	.82	.82	✓	"	1	3 1/4	" & Four	1	3 1/2, 4	Sheer & Lap.
UPPER DECK, Sheer- strake in Bridge ...)	"	.59	.44	.44	✓	"	7/8	3 3/8	Three	7/8	3 1/8	Lapped
STRAKE BELOW Sheer- strake in Wells.....)	71	✓	.74	.74	✓	"	1	3 1/4	Four & Three	1, 7/8.	3 1/2, 4, 3 3/8	"
STRAKE BELOW Sheer- strake in Bridge ...)	"	.59	.44	.44	✓	"	7/8	3 3/8	Three	7/8	3 1/8	"
POOP SIDE PLATING .....				.38	✓	Single	3/4	3	One	3/4	2 5/8	"
BRIDGE SIDE PLATING ...	52 1/2	.6			✓	Double	7/8	3 3/8	Three	7/8	3 1/8	"
FORE'C'TLE SIDE PLATING	47		.4		✓	Single	3/4	3	One	3/4	2 5/8	"

## WATERTIGHT BULKHEADS.

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

FORGINGS and ~~CASTINGS.~~

	Double or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar .....	✓	✓	✓	✓
STEM Scrap Iron .....	Forging	9 1/4 x 3 1/2	Donkey Forge	
STERN FRAME { Propeller Post .....	"	10 1/4 x 7 3/8	" "	
{ Rudder .....	"	9 x 7 3/8		
RUDDER—A x D.....	456			
Speed of Vessel .....	Under 10 knots			
RUDDER Scrap Iron mainpiece at head .....	Forging	10 1/4	" " "	
" " heel .....		7 3/4		
" " how constructed .....	Arms at pinble			
" " double or single plate .....		1-06"		
" " coupling, vertical or horizontal.....	Vertical			

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *open hearth*  
*Louth Durham, Cargo Hut, Balclaw Vampan, Skinningrove, Brownson Long*  
*Lanarkshire Steel Co.*  
Has the Steel been tested as required by the Rules? *Yes*



EQUIPMENT No. 34735												LETTER <i>y</i>	ANCHORS.	
Number of Certificate.	Anchors.	WEIGHT, <del>IN</del> STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.			
28740	1st Bower ...	60	2	0	38	2	7	48	12	2	0	60.0	Byers Improved Per W.L. Byers	Sld. 18.2.25. JHB
28744	2nd " ...	60	1	21	38	1	14	48	12	2	0	60.0	" " " "	" 19 " " "
28719	3rd " ...	50	2	0	32	0	0	42	13	3	0	50.5	" " " "	" 2 " " "
	Collective weight.	171	1	21	Stock							170.5		
58751	Stream .....	16	1	21	4	0	25	17	14	0	7	16 1/4	Ordinary A. Bloomer.	Siplon 25.3.25 W.A.B.

CHAIN CABLES.												HAWSERS AND WARPS.							
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.	Stator.	Break.	Supplied.	Per Rule.			Length.	Diam.					Length.	Cir.		Length.	Cir.
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.
59541	270	2 3/16	86 1/2	120 1/2	662.0	31	645 3/4		270	2 3/16	link	A. Bloomer.	Siplon 18.3.25. W.A.B.	TOWLINE...	120	4 3/4	47	120	4 3/4
														HAWSERS & WARPS	2090	3	18	2090	2 3/4
														"	"	2 3/4	15 1/2	"	2 1/2
Iron-Steel Chain-Steel Wire		Cir.								Cir.				"	4	"	8		
	90	4 3/4	47						90	4 3/4	S.S.W. Hood Hagg		Ware. Makers 3.3.25	"					

Steering Gear, Steam *Donkin & Co.* Steering Gear, Hand *Moore Eng. Works.*

Boats *Two, 26'-6" Life, One 18' Jolly* Steering Chains, Size and Test *1 3/8" 22.12.2.0* Windlass *Clarke Chapman*

Ceiling in Holds, thickness and material *2 1/2" W.W. Hatch & Limbs only* Cargo Battens, thickness, material and spacing *2" W.W. 15" centres*

Cargo Hatchways.—(Upper Deck) *Plates & angle.* Thickness of Hatches *3"*

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'-2" x 20'* No. 5 *27'-2" x 20'* No. 6 *15'-9" x 20'.*

Number of Shifting Beams and/or Fore and Afters *No 1 & 2, Five. No 3 & 6, Two. No 4 & 5, Four.*

Builder's Signature *A. Beach* for Secretary.

#### GENERAL DECLARATION

This vessel has been built in accordance with the approved Plans, the Secretary's letters of dates 19.11.24 to 7.5.25, 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's 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 S.S. Bridgpool Mkt report No 11946, S.S. Rudpool report No 12099, S.S. Drakepool No 12167 & S.S. Beatrice No 12280.

Two funning reports, Plans of Profile & decks, & Mid. Sec: as built and

The amount of Entry Fee ..... £ 8 : 0 : 0 Fees applied for, 22.5.1925

Special Survey Fee.... £ 315 : 15 : 0 Received by me, 26/5/25

*Inboard*

Travelling Expenses, if any £ 10 : 0 : 0

I am of opinion the Vessel should be Classed +100 A.1.

State whether the Vessel has been built under Special Survey *Yes* Signature *D.W. Baker*

Certificate sent to *Middlesbrough* Date of issue *15/6/25* Surveyor to Lloyd's Register of Shipping.

Committee's Minute

FRI. 29 MAY 1925

Character assigned

*1000 A.1*

*See*

*Plans as 6.0.*

*+ Lmb 5.25 C.L.*

*My*



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W436-0132 (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, Jangings, Stacks, & peaks & pumping arrangements, are forwarded herewith.

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

1st Bower <sup>Sub No. 4</sup> 35-0-5. KH. 3309. 16.1.25.  
2nd „ 34-3-11. KH. 3310 „ „ „  
3rd „ 29-3-2. KH. 3217 13.11.24

**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 (this information is to be given as it should appear in the Register Book)

1<sup>st</sup> (OH)

Official No. 139236 ; Signal Letters \_\_\_\_\_ Is bottom of Vessel coated with cement Yes if not give particulars of composition ✓

**PARTICULARS OF WATER BALLAST.**—

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	126.0	376	Fore peak tank,	22.25	162
Double bottom, under Engines and Boilers,	✓	✓	After peak tank,	24.00	194
Double bottom, if under Engines only,	24.75	104	Deep tank, aft,	✓	✓
Double bottom, if under Boilers only,	✓	✓	Deep tank, forward,	✓	✓
Double bottom, forward,	171.0	623	Other tanks, if fitted,	✓	✓
Total capacity of double bottom		1103	(If necessary, furnish further information by sketch.)		

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

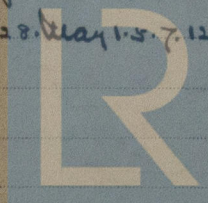
\* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No. 405

Date 22.5.25.

Dates of Surveys held while building

1924. Dec. 2. 5. 8. 9. 11. 12. 13. 15. 16. 18. 22. 24. 31. Jan. 5. 7. 9. 12. 13. 15. 19. 22. 26. 28. 30. Feb. 3. 6. 10. 13. 20. 23. Mar. 3. 6. 13. 19. 23. 25. 26. 27. Apr. 1. 3. 7. 9. 15. 17. 23. 28. May 1. 5. 7. 12. 13. 14. 16. 20. 21



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