

STEEL STEAMER ~~MOTORSHIP~~

WRECK BOX

L. 65 Bottom

24 JAN 1930

Received at London Office

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

State if Report is sent on the Machinery of the Vessel

Date of completion of report

22<sup>nd</sup> Jan. 1930

Port of

Sunderland

No. 30265

Survey held at

Sunderland

Date First Survey

12<sup>th</sup> Aug. 1929

Last Survey

20<sup>th</sup> Jan. 1930

Type

(State if Machinery fitted Aft and if Single, Twin or Triple Screw)

Single Screw Steamer

AMENT

(Machinery fitted amidships)

State Type

(Full Scantling, Complete Superstructure with or without Tonnage Openings)

Full Scantling

State Type of Erections Ports, Bridges &amp; Tails

TONNAGE under Tonnage Deck

2452.25

CLASS 100 A1

State if with freeboard as condition of Class

40

Built at

Sunderland

No. 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 315.5

Breadth (greatest moulded)

B 45.0

Total

✓

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c)

D 23.83

Gross Tonnage

2797.88

Register Tonnage

1655.98

1st Longitudinal Number (L x D) = 7518.36

2nd Numeral L x (B + D) = 21715.86

Framing Depth "d" at middle of length. See Sec. 3 (1d) 20.25

Proportions—Depth to Length—Uppermost continuous deck to top of keel 13.24

Do. Long Bridge to top of keel 10.15

Draught Moulded 20 - 0 1/4

Launched 16<sup>th</sup> Dec. 1929 Yard No. 229

Builders Messrs Wm Pakenhill &amp; Sons Ltd

Owners Westoll Steamships Ltd.

Managers

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

Residence

Sunderland

Port of Registry Sunderland

If surveyed while building, afloat, or in dry dock

While building and afloat

## 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>		
" " from 3/4 length to Collision bulkhead	27	✓	" " Reversed Frame		
" " in peaks	24	✓	" " Vertical Struts		
<b>SIDE FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b>	37" x 46	
<b>Frame Amidships, Angle, E or C, N.B.S.</b>	10 x 3 1/2 x 43	10 x 3 1/2 x 40	" " top Angles	5 x 5 x 44	
" " Extends up to	Upper deck	✓	" " bottom Angles	5 x 5 x 50	
<b>Reversed Frame Amidships, Angle</b>			<b>Side Girders, No. each side and thickness</b>	One 34	
" " Extends up to			<b>Margin Plate</b> (width (bulk level) and thickness)	6 1/2 x 45	6 1/2 x 41
<b>Depth of Framing Girder</b>	10"	✓	" " Angle to Tank side Bracket abaft 1/2 len. from stem	3 1/2 x 3 1/2 x 34	
<b>Frames in Uppermost Continuous 'tween Decks, Angle, E or C</b>	5 x 3 1/2 x 44	✓	" " Angle to Tank side Bracket forward 1/2 len. from stem	3 1/2 x 3 1/2 x 34	
" " <b>Second 'tween Decks, Angle, E or C</b>			" " Gussets, spacing and scantling abaft 1/2 len. from stem		
" " <b>Third " " " "</b>			" " Gussets, spacing and scantling forward 1/2 len. from stem		
<b>Framing in Peaks, Angle or C</b>	6 x 3 1/2 x 44	✓	<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>	5-7" x 41	
<b>Diameter and Spacing of Rivets through Frame and Shell Plating amidships</b>	7/8 inch, 7 diam	✓	<b>INNER BOTTOM PLATING.</b>		
<b>State if Frame Joggled</b>	No	✓	Breadth and thickness of Middle Line Strake	47" x 50	47" x 42-36
<b>PANTING ARRANGEMENTS</b> (Sec. 7), state system and particulars	Sub frames 12 x 3 1/2 x 57 N.B.S. 3 side stringers 5 x 5 x 34	✓	Thickness of remainder in Holds	50	37-35
<b>STRENGTHENING OF BOTTOM FORWARD.</b> State Particulars	Additional intermediate transverse stiffeners of steel with thickness maintained to within bulkhead	✓	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	✓
<b>SINGLE BOTTOM.</b>			<b>BEAMS.</b>		
<b>Floors, Depth and thickness at mid-line in Holds</b>			<b>Uppermost Continuous Deck, amidships</b>	9 x 3 1/2 x 38	8 1/2 x 3 1/2 x 53
Height of Brackets at side above base line at toe of frame			" " in Wells, Angle, E or C, N.B.S.		
<b>Middle Line Keelson, on Floors, Angles, E or C</b>			" " in way of Bridge, Angle, E or C, N.B.S.	8 x 3 1/2 x 43	8 x 3 1/2 x 46
" " Through Plate or Intercoastal Plate			Spacing	Every frame	✓
" " Foundation Plate on Floors			<b>Second Deck, amidships, Angle, E or C</b>		
" " Flat Plate Keel Angles			Spacing		
<b>Side Keelsons, No. each side</b>			<b>Third Deck, amidships, Angle, E or C</b>		
" " thickness of Intercoastal Plate			Spacing		
" " Angles			<b>Fourth Deck, amidships, Angle, E or C</b>		
<b>DOUBLE BOTTOM.</b>			Spacing		
<b>Solid Floors, thickness and spacing</b>	36 Every frame	✓	<b>Poop Deck, Angle, E or C</b>	7 x 3 x 37	7 x 3 x 36
" " Are Frame and Reversed Frame joggled?	No	✓	Spacing	Alternate frames	✓
<b>Bracket Floors, breadth and thickness at middle line</b>			<b>Bridge Deck, Angle, E or C</b>	6 1/2 x 3 x 48	
" " breadth and thickness at margin plate			Spacing	Every frame	✓
			<b>Forecastle Deck, Angle, E or C</b>	9 x 3 x 42	
			Spacing	Alternate frames	✓



## 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>No pillars in holds.</i>		✓	Stringer Plate, breadth and thickness in way of Bridge .....			
„ in 'tween Decks, Size and Spacing.....	<i>Pop = 2 5/8" 48" apart</i>		✓	Thickness of Plating abreast Deck openings in way of Wells .....			
„ „ „ „ „	<i>Bridge = 2 5/8" 54" "</i>		✓	Thickness of Plating abreast Deck openings in way of Bridge .....			
„ in Holds „ „	<i>File = 3" 2 5/8" 48" "</i>		✓	Thickness of Plating within line of openings...			
„ „ „ „ „				If Sheathed, material and thickness .....			
<b>Centre Line Bulkhead.</b>				<b>Third Deck.</b>			
Stiffeners and Spacing.....	<i>None</i>			Stringer Plate, breadth and thickness.....			
Plating, thickness of .....	<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>85 x .80</i>		✓	If Plated, state thickness .....			
„ „ „ „ „ in way of Bridge	<i>1.00 at ends of bridge</i>			<b>Poop Deck.</b>	<i>Stringers run out</i>		
„ „ „ „ „ „	<i>81 x .37</i>	<i>44 x .37</i>	✓	Stringer Plate, breadth and thickness .....	<i>.32</i>		✓
„ Angle in Wells .....	<i>6 x 6 x .70</i>		✓	Plating, Sheathing, material and thickness .....	<i>.30</i>		✓
Thickness of Plating abreast Deck openings in way of Wells .....	<i>No plating</i>			<b>Bridge Deck.</b>	<i>2 1/2" p.p.</i>		
Thickness of Plating abreast Deck openings in way of Bridge .....	<i>Stringer full width</i>		✓	Stringer Plate, breadth and thickness.....	<i>47 1/2" .40</i>		✓
Thickness of Plating within line of openings...	<i>.46</i>		✓	Plating, <del>Sheathing, material and thickness</del> .....	<i>.37</i>		✓
If Sheathed, material and thickness .....	<i>.36</i>		✓	<b>Forecastle Deck.</b>	<i>Stringers run out</i>		
<b>Second Deck.</b>				Stringer Plate, breadth and thickness.....	<i>.34</i>		✓
Stringer Plate, breadth and thickness in Wells...				Plating, <del>Sheathing, material and thickness</del> .....	<i>.34</i>		✓

## SHELL PLATING.

SCANTLINGS.						RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged? <i>Yes</i>			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		NO. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth. Inches.	Thickness. Inches.	Thickness. Inches.	Thickness. Inches.			Diam. Inches.	Spacing cr. to cr. Inches.		Diam. Inches.	Spacing cr. to cr. Inches.	
FLAT PLATE KEEL .....	46½	.64	.58	.58	✓	Double	7/8	3¾"	3	7/8	3/8	Lapped
„ DBLG. (if any)	-	-	-	-		-	-	-	-	-	-	-
BOTTOM PLATING, No. of Strakes .... 3 .....	75½	.53	.42	.42	✓	Double	7/8	3¾"	3	7/8	3/8	Lapped
BILGE PLATING, No. of Strakes ..... 4 .....	72½	.53	.42	.42	✓	"	7/8	3¾"	3	7/8	3/8	"
SIDE PLATING, No. of Strakes ..... 2 .....	71½	.52	.40	.40	✓	"	7/8	3¾"	3	7/8	3/8	"
UPPER DECK, Sheer- strake in Wells .....	64	.70	.40	.40	✓	"	7/8	3¾	4-3	7/8	3½	"
UPPER DECK, Sheer- strake in Bridge ...	64	.52	✓	✓		"	7/8	3¾	3	7/8	3/8	"
STRAKE BELOW Sheer- strake in Wells .....	69	.58	.40	.40		"	7/8	3¾	3	7/8	3/8	"
STRAKE BELOW Sheer- strake in Bridge ...	69	.52	✓	✓		"	7/8	3¾	3	7/8	3/8	"
POOP SIDE PLATING .....	✓	✓	✓	.34		Single	7/8	3½	1	7/8	3/8	"
BRIDGE SIDE PLATING ...	✓	.48	✓	✓		Double	7/8	3¾	3	7/8	3/8	"
FOREC'TLE SIDE PLATING	✓	✓	.38	✓		Single	7/8	3½	1	7/8	3/8	"

## WATERTIGHT BULKHEADS.

Total No. of **W.T. BULKHEADS** in Vessel— *five*

Extending to Upper Deck (Sec. 3 c) *five*

„ Deck next below *✓*

As per Rule *five*

		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHD, Upper tween decks		-	-	-	-	-
"	" Second "	-	-	-	-	-
"	" Third "	-	-	-	-	-
"	" Holds .....	<i>43 covering</i> <i>31 plating</i> <i>47 floor</i> 35 - 30	$10 \times 3\frac{1}{2}$	$41 \text{ L } 30"$	-	-
COLLISION					I W.T. FLAT	
"	(in Hold) .....	35 - 30	$7 \times 3 \times 40 \text{ L } 24"$		2 S.Box BEAMS	
AFTER PEAK					RECESS Top &	
"	" .....	30	$6 \times 3 \times 36 \text{ L } 24"$		1 S.Box BEAM	

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> .....	Rolled bar	8 1/4 x 2 1/4	Industrial Steels Co.	
<b>STERN FRAME</b> { Propeller Post .....	Forging	9 3/16 x 5 15/16	J. S. Foster	
{ Rudder .....		8 3/16 x 5 15/16	+ Sons Ltd.	
<b>RUDDER—A x D</b> .....		322		✓
<b>Speed of Vessel</b> .....		Under 10 knots		✓
<b>RUDDER</b> mainpiece at head ...	Forging	8 1/2	J. S. Foster	✓
" " heel ...		6 1/2	+ Sons Ltd.	✓
✓ " how constructed .....	Forged.	Arms removed on		✓
✓ " double or single plate		Single plate	1.04	✓
✓ " coupling, vertical or horizontal		Horizontal		✓

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)

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

Has the Steel been tested as required by the Rules?



EQUIPMENT No. 22609-81												LETTER	ANCHORS.		
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
91233	1st Bower ...	Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	Hungley Challenge	U. Hungley & Sons	N. 23.10.29 H. Green
91234	2nd „ ...	42	2	20	-	-	-	37	13	3	0	42	“	“	N. 23.10.29 H. Green
91235	3rd „ ...	36	1	8	-	-	-	33	17	0	21	35 1/2	“	“	N. 23.10.29 H. Green
	Collective weight.	22	0	0								119 1/2			
91299	Stream .....	11	0	7	2	3	18	13	0	0	0	11 in steel	Rodgers	U. Hungley & Sons	N. 9.11.29 H. Green

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.	Statu- tory.	Break- ing.	Supplied.		Per Rule.		Length.	Diam.					Length.	Cir.		Length.	Cir.
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.
94161	120	1 7/8	63 1/4	88 1/2	214	1	16	212	2	14	Slid	U. Hungley & Sons	N. 12.11.29 H. Green	TOWLINE...	100	4	33	100	4
94162	120	1 7/8	63 1/4	88 1/2	214	0	20	212	2	14	"	"	N. 12.11.29 H. Green	HAWSERS & WARPS	2/90	2 1/2	12 1/2	2/90	2 1/2
	240	1 7/8	/	/	428	2	8	425	1	0	240	1 7/8			3/90	2 1/4	9 1/2	2/90	2 1/4
		Or.								Or.				"					
Iron Stream Chain - Steel Wire	75	4 1/4	/	35					75	4 1/4				"					

Steering Gear, Steam 8" x 9" by J. Lyons & Co. Steering Gear, Hand 11" x 15" by J. Lyons & Co. Steel wire tackle and blocks fitted. Boats 2 15' x 0' Steering Chains, Size and Test 1/4" diam 18.15.0.0 Windlass by Emerson Walker. Ceiling in Holds, thickness and material No ceiling Cargo Battens, thickness, material and spacing 6" x 2" w.w. 9" apart Cargo Hatchways.-(Upper Deck) Steel plate and angles Thickness of Hatches 3" Size of No. 1 Hatchway (Forward) 40' 5" x 29' 20" No. 2 46' 5" x 30' 0" No. 3 40' 5" x 30' 29' 5" No. 4 40' 5" x 28' 5" 21' 5" No. 5 - No. 6 - Number of Shifting Beams and for Fore and Afters Size in 40' 1.3 & 4. Seven in 40' 2.

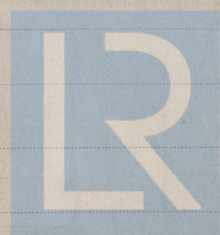
FOR W. PICKERSGILL & SONS, LTD  
Builder's Signature W. J. Pickersgill

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel No (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo No. The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point. This vessel has been constructed in accordance with the approved plans, the Rules and Secretary's letters. The materials and workmanship are good. The peak tanks, deep tanks and double bottom tanks have been satisfactorily tested to rule pressure. Freeboard markings cut in and verified. The bulkheads, decks, tunnel and W.T. door have been hose tested and found satisfactory. The windlass, winches, steering gear, W.T. door and handpumps have been tried and found in good working order. The following approved plans (5 in number) are being forwarded:- Midship Section: Profile and Decks: Pumping Arrangement: Strengthening of Bottom Forward: Deep Tanks. These forging certificates are also forwarded herewith.

The amount of Entry Fee ..... £ 6: : : Fees applied for, 18 JAN 1930 I am of opinion the Vessel should be Classed 100 A1 Special Survey Fee.... £214. 18: Received by me, 11.3.30 Travelling Expenses, if any £ : : State whether the Vessel has been built under Special Survey Yes Signature H. Uwin Surveyor to Lloyd's Register of Shipping. Certificate to be sent to SUNDERLAND. Date of issue 12/3/30

Committee's Minute TUE. 28 JAN 1930 Character assigned + 100 A1

Lloyd's A.R.P. + Link 1.30 L



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W598-0138 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.)

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

1st Bower	21.0.7	K.H	6615	28.6.29
2nd "	21.0.14	N.B	6878	29.8.29
3rd "	18.3.4	K.H	6472	28.5.29

**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop 22.68 ft., R.Q.D. — ft., Bridge 66.75 ft., Forecastle 29.5 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 Ate (steel)

Official No. 161991 ; 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,	96.75	253	Fore peak tank,	19.75	108
Double bottom, under Engines and Boilers,	38.25	135	After peak tank,	22.00	144
Double bottom, if under Engines only,	—	—	Deep tank, aft, <i>Amidships part</i>	11.25	76
Double bottom, if under Boilers only,	—	—	Deep tank, forward, <i>starboard</i>	15.75	121
Double bottom, forward,	126.0	377	Other tanks, if fitted,		
Total capacity of double bottom		765	(If necessary, furnish further information by sketch.)		

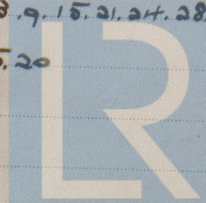
\* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No. 5733

Date 19.9.29

Dates of Surveys held while building

1929. Aug. 12, 15, 21, 23. Sep. 12, 17, 19, 27. Oct. 3, 9, 15, 21, 24, 28. Nov. 8, 12, 14, 21, 25, 27, 29. Dec. 2, 6, 11, 13, 14, 16, 23. 1930. Jan. 3, 6, 7, 9, 10, 15, 20



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Total No. of Visits 15