

## STEEL STEAMER or MOTORSHIP.

-8 OCT. 1926

Received at London Office

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

October 7<sup>th</sup> 1926

Port of

Middlesbrough

No.

12747

Survey held at South Banks, Middlesbrough Date First SurveyFeb: 25<sup>th</sup> 1926

Last Survey

Oct: 7<sup>th</sup>

1926

On the (State if Machinery, Hull, etc. and if Single, Twin or Triple Screw)

Single Screw Steamer "CHEVYCHASE"

State Type

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

Full Scantling

State Type of Erections

Poop, Bridge and Forecastle

TONNAGE under Tonnage Deck

2352.75

CLASS 100A1.

State if with freeboard as condition of Class

No.

Built at South Banks, Middlesbrough

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 305.

Launched September 7<sup>th</sup> 1926 Yard No. 818

Total

Breadth (greatest moulded)

B 45.29

Builders Messrs Smiths Dock &amp; Co. Ltd.

Gross Tonnage

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

D 23.5

Owners The Hill Steam Shipping Co. Ltd.

Register Tonnage

1st Longitudinal Number (L x D) = 7167.5

Managers Witheringtons Everett.

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

2nd Numeral L x (B + D) = 20981.

Residence Newcastle-on-Tyne

## REGISTERED DIMENSIONS.

FEET.

Length

305.0

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

20.54

Port of Registry Newcastle-on-Tyne

Breadth

45.5

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

12.97

If surveyed while building, afloat, or in dry dock

Depth

21.3

Do. Long Bridge to top of keel

9.84

Draught Moulded 20' 3 1/2"

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>	29.0.3.3	7 3 1/2 52
" " from 1/2 length to Collision bulkhead	27		" " Reversed Frame	3.0.2.3.3	6 1/2 3 48
" " in peaks	24		" " Vertical Struts		15 x 36 Flanged
<b>SIDE FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b>		37 x 46
Frame Amidships, Angle, E or F	11.3.3	10 x 32 x 41 to 44 lbs. 10 x 32 x 39 after "	" " top Angles		5 5 42
" " Extends up to		Upper Deck	" " bottom Angles		5 5 48
<b>Reversed Frame Amidships, Angle</b>			<b>Side Girders, No. each side and thickness</b>		1 - 34
" " Extends up to			<b>Margin Plate depth (excl. of flange) and thickness</b>		33 x 40
<b>Depth of Framing Girder</b>	10"		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem		3 1/2 x 3 1/2 x 36 6 x 6 x 36 every 3'
<b>Frames in Uppermost Continuous 'tween Decks, Angle, E or F</b>			" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem		6 6 36
" " Second 'tween Decks, Angle, E or F			" " Gussets, spacing and scantling abaft 1/2 len. from stem		6 x 6 x 36 Vertical to tank side every 3' in line
" " Third " " " "			" " Gussets, spacing and scantling forward 1/2 len. from stem		6 x 6 x 36 Vertical to tank side every 3' in line
<b>Framing in Peaks, Angle, E or F</b>	6 3 43		<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>		57 x 41
<b>Diameter and Spacing of Rivets through Frame and Shell Plating amidships</b>	3/4 - 5/4		<b>INNER BOTTOM PLATING.</b>		
<b>State if Frame Joggled</b>	No.		Breadth and thickness of Middle Line Strake		57 x 45
<b>PANTING ARRANGEMENTS (Sec. 7), state system and particulars</b>		Deep frame system 44 x 46 Res. frames 43 side stringers	Thickness of remainder in Holds		45
<b>STRENGTHENING OF BOTTOM FORWARD. State Particulars</b>		2 extra 1/2" intercostals 3 extra bottom plating, midship & Res.	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 in Wells, Angle, E or F</b>		7 3 38
Height of Brackets at side above base line at toe of frame			" " in way of Bridge, Angle, E or F		7 3 38
<b>Middle Line Keelson, on Floors, Angles, E or F</b>			Spacing		Every
" " Through Plate or Intercostal Plate			<b>Second Deck, amidships, Angle, E or F</b>		
" " Foundation Plate on Floors			Spacing		
" " Flat Plate Keel Angles			<b>Third Deck, amidships, Angle, E or F</b>		
<b>Side Keelsons, No. each side</b>			Spacing		
" " thickness of Intercostal Plate			<b>Fourth Deck, amidships, Angle, E or F</b>		
" " Angles			Spacing		
<b>DOUBLE BOTTOM.</b>			<b>Poop Deck, Angle, E or F</b>		7 3 43
<b>Solid Floors, thickness and spacing</b>		36 Every 3'	Spacing		alternate
" " Are Frame and Reversed Frame joggled?		No.	<b>Bridge Deck, Angle, E or F</b>		7 3 39
<b>Bracket Floors, breadth and thickness at middle line</b>		27 1/2 x 36	Spacing		alternate
" " breadth and thickness at margin plate		27 x 36	<b>Forecastle Deck, Angle, E or F</b>		7 3 43
			Spacing		alternate



# 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>	✓		Stringer Plate, breadth and thickness in way of Bridge .....	✓
"    in 'tween Decks, Size and Spacing.....	Row. 2 3/4.		Thickness of Plating abreast Deck openings in way of Wells .....	✓
"    "    "    "    "    "	✓		Thickness of Plating abreast Deck openings in way of Bridge .....	✓
"    in Holds    "    "	Brackets in line of pillar		Thickness of Plating within line of openings...	✓
"    "    "    "    "    "	✓		If Sheathed, material and thickness .....	✓
<b>Centre Line Bulkhead.</b>			<b>Third Deck.</b>	
Stiffeners and Spacing.....	✓		Stringer Plate, breadth and thickness.....	✓
Plating, thickness of .....	✓		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	71x74.		If Plated, state thickness .....	✓
"    "    "    "    in way of Bridge	71x44.		<b>Poop Deck.</b>	
"    Angle in Wells .....	66.70		Stringer Plate, breadth and thickness .....	30x32.
Thickness of Plating abreast Deck openings in way of Wells .....	74.		Plating, Sheathing, material and thickness ...	.30. P.T. 2 1/2" Pl. Sheathed
Thickness of Plating abreast Deck openings in way of Bridge .....	.30.		<b>Bridge Deck.</b>	
Thickness of Plating within line of openings...	.36		Stringer Plate, breadth and thickness.....	47x40.
If Sheathed, material and thickness .....	✓		Plating, Sheathing, material and thickness ...	.36+.30
<b>Second Deck.</b>			<b>Forecastle Deck.</b>	
Stringer Plate, breadth and thickness in Wells...	✓		Stringer Plate, breadth and thickness.....	.32.
			Plating, Sheathing, material and thickness ...	.32. Sheathing under timbers 2 1/2" P.P.

## SHELL PLATING.

SCANTLINGS.						RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged?		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 .....	46	.63	.60	.57.	✓	Double	$\frac{1}{8}$	3 $\frac{1}{2}$	3.	$\frac{7}{8}$	3	Snapped.
„ DBLG. (if any)	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
BOTTOM PLATING, No. of Strakes .....	3	.52.	.42	.42	✓	Double	$\frac{3}{4}$ .	3.	3	$\frac{3}{4}$	2 $\frac{5}{8}$	Snapped.
BILGE PLATING, No. of Strakes .....	1	.52	.44	.44.	✓	Double	$\frac{3}{4}$ .	3.	3	$\frac{3}{4}$	2 $\frac{5}{8}$	Snapped.
SIDE PLATING, No. of Strakes .....	3	.52	.40	.40.	✓	Double	$\frac{3}{4}$ .	3.	3	$\frac{3}{4}$	2 $\frac{5}{8}$	Snapped.
UPPER DECK, Sheer- strake in Wells.....	48	.70.	.40	.40	✓	Double	$\frac{7}{8}$ .	3 $\frac{1}{2}$ .	4+3.	$\frac{7}{8}$ .	3 $\frac{1}{2}$ 4"	Snapped.
UPPER DECK, Sheer- strake in Bridge ...	48	.52.	✓	✓	✓	Double	$\frac{3}{4}$	3.	3	$\frac{3}{4}$	2 $\frac{5}{8}$	Snapped.
STRAKE BELOW Sheer- strake in Wells.....	62	.58	.40	.40.	✓	Double	$\frac{7}{8}$	3 $\frac{1}{2}$ .	3	$\frac{7}{8}$	3 $\frac{1}{8}$	Snapped.
STRAKE BELOW Sheer- strake in Bridge ...	62	.52	✓	✓	✓	Double	$\frac{3}{4}$	3.	3	$\frac{3}{4}$	2 $\frac{5}{8}$	Snapped.
POOP SIDE PLATING .....				.34		Single	$\frac{3}{4}$	3.	2.	$\frac{3}{4}$	2 $\frac{5}{8}$	Snapped.
BRIDGE SIDE PLATING ...		.47				Single Double at ends	$\frac{3}{4}$	3.	3.	$\frac{3}{4}$	2 $\frac{5}{8}$	Snapped.
FORECASTLE SIDE PLATING			.37.		✓	Single	$\frac{3}{4}$	3.	2.	$\frac{3}{4}$	2 $\frac{5}{8}$	Snapped.

## WATERTIGHT BULKHEADS.

<b>Total No. of W.T. BULKHEADS in Vessel—</b>					
Extending to Upper Deck (Sec. 3 c).....	6.				
"    Deck next below.....	✓				
As per Rule.....	5.				
	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
<b>MIDSHIP BULKH'D, Upper tween decks</b>	✓	✓	✓	✓	✓
"    "    Second    "	✓	✓	✓	✓	✓
"    "    Third    "	✓	✓	✓	✓	✓
"    "    Holds .....	43-33	10x3 1/2x12	32"	✓	✓
<b>COLLISION</b> "    (in Hold) .....	41-38	11x3 1/2x56	24"	✓	✓
<b>AFTER PEAK</b> "    "    .....	34-30	9x3 1/2x57	24"	✓	✓

## 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>	Forging	8x2 1/2	Frederingham	
<b>STERN FRAME</b>	Propeller Post .....	Forged	9x5 1/8	T.S. Foster
	Rudder .....		8x5 1/8	
<b>RUDDER—AxD.....</b>		285.2		
<b>Speed of Vessel.....</b>		10 Knots		
<b>RUDDER</b> mainpiece at head ...		8"		
"    "    heel ...		6"		
"    how constructed .....	Forged Scrap Iron Frame		T.S. Foster	
"    double or single plate coupling, vertical or horizontal.....	Single Plate 1.00"			
	Horizontal.			

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)  
Messrs. Bolechaw Vaughan & Co. Dorman Long & Co. Consett Iron Co. Cargo Fleet Iron Co.  
Siemens Open-Hearth Process  
Has the Steel been tested as required by the Rules? *Yes.*



EQUIPMENT No. 21750											LETTER 'E'	ANCHORS.			
Number of Certificate.	Anchor.	WEIGHT, EX. STOCK			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.	
		Owts.	qrs.	lbs.	Owts.	qrs.	lbs.	Tons.	owts.	qrs.	lbs.	Owts.			
29464	1st Bower ...	42	2	14	Stockless			37	11	3	14	42-0-0.	Byer's Imp'd Stockless	—	L.P.H.S. 27.5.26 G.H.B.
29465	2nd „ ...	42	0	0	Stockless			37	2	2	0	42-0-0.	D D D	—	L.P.H.S. 27.5.26 G.H.B.
29465	3rd „ ...	35	2	0	Stockless			32	15	0	0	35 2-0	D D D	—	L.P.H.S. 27.5.26 G.H.B.
	Collective weight.	120	0	14								119-2-0			
41884	Stream .....	11	1	0	3	0	10	13	2	2	0	11-0-0	Ordinary	—	L.P.H.C.H. 21.5.26 G.H.P.

See back of report

#### 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.	
60676	Fathoms	Ins.	Tons.	Owts.	qrs.	lbs.	Fathoms	Ins.	—	L.P.H.T. 10.5.26 W.D.	TOWLINE	Fathoms	Ins.	Tons.	Fathoms	Ins.
60680	120	17	63.5	213	1	12	120	17	—	L.P.H.T. 12.8.26 W.D.	"	101	4	33	100	4
59098	15	"	"	106	2	12	"	"	—	L.P.H.T. 12.8.26 W.D.	HAWSERS & WARPS	2090	2 1/2	12 1/2	2090	2 1/2
59099	15	"	"	26	2	0	"	"	—	L.P.H.T. 12.8.26 W.D.	"	2090	2 1/2	12 1/2	2090	2 1/2
59100	15	"	"	26	2	0	"	"	—	L.P.H.T. 12.8.26 W.D.	"	2090	2 1/2	12 1/2	2090	2 1/2
59101	15	"	"	26	2	0	"	"	—	L.P.H.T. 12.8.26 W.D.	"	2090	2 1/2	12 1/2	2090	2 1/2
Iron Stream Chain or Steel Wire	24 1/2	44	35	426	2	3	240	1 1/2	—							

Steering Gear, Steam *Yes. Messrs. Donkin*

Steering Gear, Hand *Yes*

Boats *2-23' Sloopboats, 1-14' dinghy* Steering Chains, Size and Test *1 3/4" - 16-18-0-0* Windlass *Tym metal*

Ceiling in Holds, thickness and material *No ceiling fitted. Tank top increased in lieu* Cargo Battens, thickness, material and spacing *No cargo battens fitted*

Cargo Hatchways.—(Upper Deck) *Steel angles and plates* Thickness of Hatches *3"*

Size of No. 1 Hatchway (Forward) *mean 36'0" x 25'3"* No. 2 *32'9" x 30"* No. 3 *38'3" x 30'0"* No. 4 *42'9" x 25'6"* No. 5 *7'6" x 30'0"* No. 6

Number of Shifting Beams and/or Fore and Afters *No 1-6: No 2-6: No 3-6: No 4-7: Bunker-1.*

FOR SMITH'S DOCK COMPANY, L<sup>d</sup>

Builder's Signature

*J.W. Cairns per thos. Shingun & Managers*

GENERAL DECLARATION *This vessel has been built in accordance with the approved plans and the Society's Rules for the class contemplated, also the Secretary's letter from Feb. 3<sup>rd</sup> 1926 to 17<sup>th</sup> September and 6<sup>th</sup> October*

*The workmanship and materials are good.*

*The assigned freeboard has been cut in on the vessel's side, and verified.*

*All double bottom and peak tanks have been tested under water pressure. The decks, bulkheads and tunnel have been tested with water and found satisfactory.*

*Steam steering gear and connections, windlass and winches tested under steam.*

*2 Forging Reports are attached.*

*Approved plans enclosed:— Profile and Decks, Midship Section, alternative Arrangement Bulkhead floors, Stiffening Bottom Forward, Panking Arrangements, Stem frame and Rudder, Pumping Arrangement, and relieving tackle. 4 8 plans.*

*Plans as built:— Profile and Decks, Midship Section 2 plans.*

*Please return approved plans for dealing with sister ship building P.T.D.*

The amount of Entry Fee ..... £ : : Fees applied for, 149 19  
Special Survey Fee.... £ : 12 Received by me,  
Travelling Expenses, if any £ : : 19

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

State whether the Vessel has been built under Special Survey *Yes.*

Signature

*Colin Bartlett*  
Surveyor to Lloyd's Register of Shipping.

Hull & Machinery Certificate to be sent to *His Office*

Date of issue

*12/10/26. For issue when fees have paid (see ltr 7/10/26)*

Committee's Minute

TUES. 12 OCT 1926

Character assigned

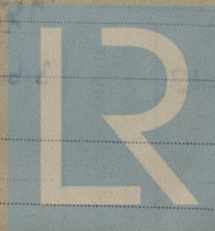
*-1- 100RI*

*-1- Rmc 10.26*

*Lloyd's ascp*

*cargo battens not fitted*

*My*



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Lloyd's Register Foundation



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.)

A supplementary report will be forwarded giving:-  
Tonnage.  
Official No.  
and Fees

\* See letter Oct. 6<sup>th</sup> 1926 "M" dept. re. equipment.

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

1st Bower	23-3-19. M.B. 2720. 27.4.26.
2nd "	22-3-16. M.B. 2723. 27.4.26.
3rd "	20-0-18. M.B. 2721. 27.4.26.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 23.0 ft., R.Q.D. ✓ ft., Bridge 49.5 ft., Forecastle 27.5 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 D<sup>th</sup>. Steel.

Official No. 149418 ; Signal Letters . . . . . Is bottom of Vessel coated with cement under 80% if not give particulars of composition Rem<sup>t</sup> of double bottom tanks. Cement washed with pellets of cement at seams and butts

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Cap. Tons.
Double bottom, aft,	110	279	Fore peak tank,	22	106
Double bottom, under Engines and Boilers,	36	110	After peak tank,	20	106
Double bottom, if under Engines only,	✓		Deep tank, aft,	✓	
Double bottom, if under Boilers only,	✓		Deep tank, forward,	✓	
Double bottom, forward,	115	318	Other tanks, if fitted,	✓	
Total capacity of double bottom		713	(If necessary, furnish further information by sketch.)		

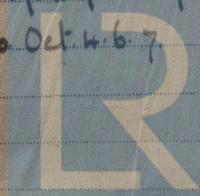
\* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No. 1443

Date 17/2/26.

Dates of Surveys held while building

Feb. 25. Mar. 4. 23. 24. Apr. 9. 18. 19. 23. 28. May. 11. 7. 11. 19. Jun. 1. 14. 8. 9. 24. Jul. 19. 22. 24. 3. 6. 9. 12. 13. 14. 21. 31. Sep. 1. 3. 6. 7. 8. 20. 22. 23. 27. 30. Oct. 4. 6. 7.



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Total No. of Visits 141