

STEEL STEAMER or MOTORSHIP.

6 MAR 1930

Received at London Office

State if Report has been sent on the Freeboard of the Vessel YESState if Report is sent on the Machinery of the Vessel YES

Date of completion of report

MARCH 3rd 30.

Port of

MIDDLESBROUGH

No.

13994

Survey held at

SOUTH BANK MIDDLESBROUGH

Date First Survey

24 September/29

Last Survey

3rd March 1930

On the

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

SINGLE SCREW STEAMER

KYLE

State Type

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

FULL SCANTLING

State Type of Erections

P.B.D.F.

TONNAGE under Tonnage Deck...

2377.79

CLASS

100.A.1

State if with freeboard as condition of Class

No

Built at SOUTH BANK MIDDLESBROUGH

Launched JAN 14th 30. Yard No. 892Builders MESSRS SMITH'S DOCK CO^{LD}Owners THE SHARP S.S. CO^{LD}

Managers SHARP & CO

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

Residence NEWCASTLE-ON-TYNE

Port of Registry NEWCASTLE

If surveyed while building, afloat, or in dry dock

SURVEYED WHILE BUILDING & Afloat

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

Total

2377.79

Gross Tonnage

2821.94

Register Tonnage

1661.85

REGISTERED DIMENSIONS. FEET.

Length

305.0

Breadth

45.5

Depth

21.3

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

L 305.0

Breadth (greatest moulded)

B 45.3 1/2

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

D 23.6

1st Longitudinal Number (L x D) 305 x 23.5 = 7167.5

2nd Numeral L x (B + D) 305 x (45.29 + 23.5) = 20980.95

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

20.42

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

12.97

Do. Long Bridge to top of keel

Draught Moulded

20.6 3/4

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.
FRAMES, Spacing amidships	27		Bracket Floors, Frame BULB ANGLES	7 3 48	
" " from 1/3 length to Collision bulkhead	27		" " Reversed Frame BULB ANGLES	7 3 39	
" " in peaks	24		" " Vertical Struts FLANGED PL	15 40 35	
SIDE FRAMING. Nos 1 & 2 Holds	10 32 40		Centre Girder, depth and thickness amidships	37 46 56	
Frame Amidships, Angle, E or [	10 32 38		" " top Angles SINGLE	5 6 42	
" " Extends up to BOILER ROOM	10 32 46		" " bottom Angles SINGLE	5 5 48	
" " Extends up to UPPER DECK			Side Girders, No. each side and thickness ONE	34	
Reversed Frame Amidships, Angle	✓		Margin Plate depth (excl. of flange) and thickness LEVEL	56 42	
" " Extends up to	✓		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	6 6 40	
Depth of Framing Girder	10		" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	6 6 40	
Frames in Uppermost Continuous 'tween Decks, Angle, [or [	✓		" " Gussets, spacing and scantling abaft 1/2 len. from stem	✓	
" " Second 'tween Decks, Angle, [or [	✓		" " Gussets, spacing and scantling forward 1/2 len. from stem	✓	
" " Third " " " "	✓		Tank Side Brackets, height above base line at toe of Frame and thickness	66 40	
Framing in Peaks, Angle or [	6 3 43		INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4 5/4		Breadth and thickness of Middle Line Strake	57 41 42	
State if Frame Joggled	No		Thickness of remainder in Holds	45	37
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	DEEP FRAMING SYSTEM WITH 4 1/2 x 4 1/2 x 40 REVERSE BARS & 3 SIDE STRINGERS.		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		
STRENGTHENING OF BOTTOM FORWARD. State Particulars	SHELL PLATING INCREASED AND CLOSE SPACED INTERCOSTALS FRAME BOTTOMS 5 x 5 x 36 SINGLE		BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships	7 3 34	
Floors, Depth and thickness at mid-line in Holds			" " in Wells, Angle, E or [	8 3 46	
Height of Brackets at side above base line at toe of frame			" " E or [
Middle Line Keelson, on Floors, Angles, [or [			Spacing EVERY		
" " Through Plate or Intercostal Plate			Second Deck, amidships, Angle, [or [
" " Foundation Plate on Floors			Spacing		
" " Flat Plate Keel Angles			Third Deck, amidships, Angle, [or [
Side Keelsons, No. each side			Spacing		
" " thickness of Intercostal Plate			Fourth Deck, amidships, Angle, [or [
" " Angles			Spacing		
DOUBLE BOTTOM.			Poop Deck, Angle, E or [	7 3 42	
Solid Floors, thickness and spacing	EVERY 3 rd FRAME 36		Spacing	ALTERNATE	
" " Are Frame and Reversed Frame joggled?	No		Bridge Deck, Angle, E or [	7 3 38	
Bracket Floors, breadth and thickness at middle line	2-3 1/2 36		Spacing	ALTERNATE	
" " breadth and thickness at margin plate	2-3 1/2 36		Forecastle Deck, Angle, E or [	7 3 42	
			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.
PILLARS, No. of Rows.....	<i>LARGE BRACKETS AT HATCH SIDES IN LIEU OF PILLARS.</i>							
" in 'tween Decks, Size and Spacing.....								
" " " " "								
" in Holds " "								
" " " " "								
Centre Line Bulkhead.								
Stiffeners and Spacing.....								
Plating, thickness of								
STRINGERS AND DECKS.								
Uppermost Continuous Deck.								
Stringer Plate, breadth and thickness in Wells		71	74					
" " " " " in way of Bridge		71	44					
" Angle in Wells		6	6	70				
Thickness of Plating abreast Deck openings in way of Wells <i>BETWEEN HATCHES.</i>			36					
Thickness of Plating abreast Deck openings in way of Bridge			30					
Thickness of Plating within line of openings...			✓					
If Sheathed, material and thickness			✓					
Second Deck.			✓					
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								
Thickness of Plating within line of openings...								
If Sheathed, material and thickness								
Third Deck.								
Stringer Plate, breadth and thickness.....								
If Plated, state thickness.....								
Fourth Deck.								
Stringer Plate, breadth and thickness.....								
If Plated, state thickness								
Poop Deck.								
Stringer Plate, breadth and thickness						32		
Plating, Sheathing , material and thickness ..						STEEL 30		
Bridge Deck.								
Stringer Plate, breadth and thickness.....						47	40	
Plating, Sheathing , material and thickness ..						STEEL 30	36	
Forecastle Deck.								
Stringer Plate, breadth and thickness.....						32		
Plating, Sheathing, material and thickness ..						SHEATHED UNDER WINDLASS ONLY.		

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.	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>46</i>	<i>.63</i>	<i>.57</i>	<i>.57</i>		<i>DOUBLE.</i>	<i>7/8</i>	<i>3 1/2</i>	<i>3</i>	<i>7/8</i>	<i>3 1/2</i>	<i>OVERLAPPED</i>
„ DBLG. (if any)	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>		<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	
<i>ABC.</i> BOTTOM PLATING, No. } of Strakes ... <i>3</i> ,..... }	<i>79</i>	<i>.52</i>	<i>.42</i>	<i>.50</i>		<i>DOUBLE</i>	<i>3/4</i>	<i>3</i>	<i>3</i>	<i>3/4</i>	<i>2 5/8</i>	<i>OVERLAPPED</i>
BILGE PLATING, No. of } Strakes ... <i>ONE.</i> }	<i>71</i>	<i>.52</i>	<i>.42</i>	<i>.52</i>		<i>-</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>
SIDE PLATING, No. of } Strakes ... <i>TWO.</i> }	<i>70</i>	<i>.52</i>	<i>.40</i>	<i>.52</i>		<i>-</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>
UPPER DECK, Sheer- } strake in Wells..... }	<i>56</i>	<i>.68</i>	<i>.40</i>	<i>.40</i>		<i>"</i>	<i>7/8</i>	<i>3 1/2</i>	<i>4</i>	<i>7/8</i>	<i>3 1/2</i>	<i>"</i>
UPPER DECK, Sheer- } strake in Bridge <i>H.</i> }	<i>56</i>	<i>.52</i>	<i>.94</i>	<i>BRIDGE ENDS.</i>		<i>"</i>	<i>{ 7/8</i>	<i>3 1/2</i>	<i>4</i>	<i>1</i>	<i>4</i>	<i>"</i>
STRAKE BELOW Sheer- } strake in Wells..... }	<i>70</i>	<i>.57</i>	<i>.40</i>	<i>.40</i>		<i>"</i>	<i>7/8</i>	<i>3 1/2</i>	<i>3</i>	<i>7/8</i>	<i>3 1/2</i>	<i>"</i>
STRAKE BELOW Sheer- } strake in Bridge <i>G.</i> }	<i>70</i>	<i>.57</i>				<i>"</i>	<i>"</i>	<i>"</i>	<i>3</i>	<i>"</i>	<i>"</i>	<i>"</i>
POOP SIDE PLATING				<i>.34</i>		<i>SINGLE.</i>	<i>3/4</i>	<i>3</i>	<i>2</i>	<i>3/4</i>	<i>2 5/8</i>	<i>"</i>
BRIDGE SIDE PLATING ...		<i>.47</i>				<i>"</i>	<i>"</i>	<i>"</i>	<i>3</i>	<i>"</i>	<i>"</i>	<i>"</i>
FORECASTLE SIDE PLATING			<i>.37</i>			<i>"</i>	<i>"</i>	<i>"</i>	<i>2</i>	<i>"</i>	<i>"</i>	<i>"</i>

WATERTIGHT BULKHEADS.

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

Extending to Upper Deck (Sec. 3 c) *6*

Deck next below

As per Rule *5*

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHD, Upper <i>35.</i>		40-34	9-3-507	32	
" " Second <i>58.</i>		37-33	10-3-427	32	
" " Third <i>79.</i>		37-33	7-3-307	32	
" " Holds <i>103.</i>		38-32	11-3-467	32	
COLLISION " (in Hold) <i>41-26</i>		4-3-32	7 24		SEMI BOX & PEAK DECK
AFTER PEAK " <i>34-30</i>		9-3-627	24	✓	

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar <i>FLAT PLATE.</i>	ROLLED	8" x 2 1/4"	FROTHINGHAM	
STEM	STEEL.	8" x 2 1/4"	IRON & STEELWORKS	
STERN FRAME { Propeller Post	FORGED	9 1/2 x 5 7/8	FORSTER & SON L.	
{ Rudder	IRON	9 x 5 7/8	SUNDERLAND.	
RUDDER—A x D <i>99.4 x 2.87</i>	FORGED IRON	285-2	"	
Speed of Vessel <i>NOT EXCEEDING 10 KNOTS.</i>				
RUDDER mainpiece at head ...		8"		
" " heel ...		6 1/2 x 4"		
" how constructed		MAIN PIECE FORGED IN ONE 4 ARMS		
" double or single plate		36		
" coupling, vertical or horizontal		VERTICAL 8.2 1/2 BOLTS.		

STEEL.

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

Plates. Consitt Iron Co. Bolckow Vaughan & Co.
Anglo-Dorman Long & Co. Ltd. Cargo Steel Iron Co. Ltd.
 Has the Steel been tested as required by the Rules? *Yes.*

Open heart process

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.)

The following approved plans now sent.

Midship Section.

Profile and Deck Plans.

Stern Frame and Rudder (Cancelled plan)

Stern Frame and Rudder as fitted.

Stiffening of bottom forward.

Proposed arrangement of Longitudinal Deck Girders (not worked to)

(6 in all)

Forging Certificates now sent.

Stern Frame N^o 5364.

Rudder Frame & Liller, N^o 5364.

(2 in all)

This Vessel is a sister vessel to the *"GLANTON"* built Dock Co. N^o 888.

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

1st Bower
2nd "
3rd "

24-0-15
25-0-17
20-2-17

M.B.
M.R.
M.R.

N^o 7089
N^o 718
N^o 720

25-10-29.
14-10-29.
19-9-29.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 22-91 ft., R.Q.D. ☒ ft., Bridge 42-5 ft., Forecastle 23-33 ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *none (unfld)*

No. and Material of Decks (this information is to be given as it should appear in the Register Book)

1 D^o (54)

Official No. 161548; 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,	54	186	Fore peak tank,	23-4	164
Double bottom, under Engines and Boilers <i>Deep Tank Aft.</i>	56-3	255	After peak tank,	20-0	100
Double bottom, if under Engines only,	18-0	66	Deep tank, aft,		
Double bottom, if under Boilers only,	18-0	67	Deep tank, forward,		
Double bottom, forward,	114-9	362	Other tanks, if fitted,		
Total capacity of double bottom		936	(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. 1456

Date 29-7-29

Dates of Surveys held while building

1929: Sep. 24 25.27 Oct. 1.9.10.25.28 Nov. 5.8.13.18.20.22.25.28 Dec. 3.4.5.6.11.16.17.18.19.20
27.30.31 1930: Jan. 6.7.8.10.13.14.20.27.30 Feb. 10.11.24 Mar. 3

Lloyd's Register
Foundation

Total No. of Visits 41