

STEEL STEAMER ~~OF~~ MOTORSHIP.

19 NOV 1929

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

NOV 16TH 29.

Port of

MIDDLESBROUGH

No. 13884

Survey held at

SOUTH BANK, MIDDLESBROUGH

Date First Survey

JUNE 28TH

Last Survey

NOV 13TH

1929

On the

(State if Machinery fitted Aft and
if Single, Twin or Triple Screw)SINGLE SCREW STEAMER GLANTON

State Type

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

FULL SCANTLING.

State Type of Erections

P. B. & F.

TONNAGE under
Tonnage Deck

2377.79

CLASS 100. A.1.State if with freeboard
as condition of Class

No

Built at SOUTH BANK MIDDLESBROUGHDo. 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 305-0

Launched OCT. 17TH 29. Yard No. 888

Total

2377.79

Breadth (greatest moulded)

B 45-3 1/2

Builders MESSRS SMITH'S DOCK CO. LTD.

Gross Tonnage

2821.94

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

Owners THE SHARP S. S. CO. LTD.

Register Tonnage

1661.85

1st Longitudinal Number (L x D) $305 \times 23.5 = 7167.5$ Managers SHARP & CO.

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

2nd Numeral L x (B + D) $305 \times (45.29 + 23.5) = 20980.95$ Residence NEWCASTLE-ON-TYNE.

REGISTERED DIMENSIONS.

FEET.

Length

305.0

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

20.42

Port of Registry NEWCASTLE.

Breadth

45.5

Proportions—Depth to Length—Uppermost con-
tinuous 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

20-6 3/4

Draught Moulded

SURVEYED WHILE BUILDING & 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.
FRAMES, Spacing amidships	27		Bracket Floors, Frame	7 3 48	
" " from 3/4 length to Collision bulkhead	27		" " Reversed Frame	7 3 39	
" " in peaks	24		" " Vertical Struts	15 40	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	37 46 56	
Frame Amidships, Angle, <u>E or [</u>	10 3 40		" " top Angles	5 5 42	
" " " " " " " "	10 3 38		" " bottom Angles	5 5 48	
" " " " " " " "	10 3 46		Side Girders, No. each side and thickness	34	
" " " " " " " "	10 3 46		Margin Plate depth (excl. of flange) and thickness	56 42	
Reversed Frame Amidships, Angle	✓		" " Vertical Angle to Tank side	6 6 40	
" " " " " " " "	✓		" " Bracket abaft 1/2 len. from stem	6 6 40	
Depth of Framing Girder	10		" " Vertical Angle to Tank side	6 6 40	
Frames in Uppermost Continuous 'tween Decks, Angle, <u>[</u> or <u>[</u>	✓		" " Bracket forward 1/2 len. from stem	6 6 40	
" " " " " " " "	✓		" " Gussets, spacing and scantling abaft 1/2 len. from stem	✓	
" " " " " " " "	✓		" " Gussets, spacing and scantling forward 1/2 len. from stem	✓	
Framing in Peaks, Angle, <u>[</u>	6 3 43		Tank Side Brackets, height above base line at toe of Frame and thickness	66 40	
Diameter and Spacing of Rivets through Frame and Shell Plating amid- ships	3/4 5 1/4		INNER BOTTOM PLATING.		
State if Frame Joggled	No		Breadth and thickness of Middle Line Strake	57 41 42	
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.		Thickness of remainder in Holds	45 37	
STRENGTHENING OF BOTTOM FOR- WARD. State Particulars	SHELL PLATING INCREASED AND CLOSE SPACED INTERCOSTALS.		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? <u>YES</u>		
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	7		Uppermost Continuous Deck, amidships in Wells, Angle, <u>E or [</u>	7 3 34	
Height of Brackets at side above base line at toe of frame	7		" " " " in way of Bridge, Angle, <u>E or [</u>	8 3 46	
Middle Line Keelson, on Floors, Angles, <u>[</u> or <u>[</u>	7		Spacing <u>EVERY</u>		
" " " " Through Plate or Intercostal Plate	7		Second Deck, amidships, Angle, <u>[</u> or <u>[</u>		
" " " " Foundation Plate on Floors	7		Spacing		
" " " " Flat Plate Keel Angles	7		Third Deck, amidships, Angle, <u>[</u> or <u>[</u>		
Side Keelsons, No. each side	7		Spacing		
" " thickness of Intercostal Plate	7		Fourth Deck, amidships, Angle, <u>[</u> or <u>[</u>		
" " Angles	7		Spacing		
DOUBLE BOTTOM.			Poop Deck, Angle, <u>E or [</u>	7 3 42	
Solid Floors, thickness and spacing	EVERY 3 RD FRAME. 36		Spacing <u>ALTERNATE</u>		
" " Are Frame and Reversed Frame joggled?	No		Bridge Deck, Angle, <u>E or [</u>	7 3 38	
Bracket Floors, breadth and thickness at middle line	2 3 36		Spacing <u>ALTERNATE</u>		
" " breadth and thickness at margin plate	5-1 36		Forecastle Deck, Angle, <u>E or [</u>	7 3 42	
			Spacing <u>ALTERNATE</u>		

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.....					Stringer Plate, breadth and thickness in way of Bridge				
" in 'tween Decks, Size and Spacing.....					Thickness of Plating abreast Deck openings in way of Wells				
" " " " " "					Thickness of Plating abreast Deck openings in way of Bridge				
" in Holds " "					Thickness of Plating within line of openings...				
" " " " " "					If Sheathed, material and thickness				
Centre Line Bulkhead.					Third Deck.				
Stiffeners and Spacing.....					Stringer Plate, breadth and thickness.....				
Plating, thickness of					If Plated, state thickness.....				
STRINGERS AND DECKS.					Fourth Deck.				
Uppermost Continuous Deck.					Stringer Plate, breadth and thickness.....				
Stringer Plate, breadth and thickness in Wells	71	74			If Plated, state thickness				
" " " " in way of Bridge	71	44			Poop Deck.				
" Angle in Wells	6	6	70		Stringer Plate, breadth and thickness	32			
Thickness of Plating abreast Deck openings in way of Wells <i>BETWEEN HATCHES.</i>		36			Plating, Sheathing , material and thickness <i>STEEL</i>	30			
Thickness of Plating abreast Deck openings in way of Bridge		30			Bridge Deck.				
Thickness of Plating within line of openings...		✓			Stringer Plate, breadth and thickness.....	47	40		
If Sheathed, material and thickness		✓			Plating, Sheathing , material and thickness <i>STEEL</i>	30	36		
Second Deck.					Forecastle Deck.				
Stringer Plate, breadth and thickness in Wells...	✓				Stringer Plate, breadth and thickness.....	32			
					Plating, Sheathing, material and thickness ...	<i>SHEATHED UNDER WINDGLASS ONLY.</i>			

SHELL PLATING.

SCANTLINGS.						RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.			SINGLE OR DOUBLE.	Diam.		Spacing cr. to cr.	Diam.	
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.	
FLAT PLATE KEEL	46	63	57	57		DOUBLE	7/8	3 1/2	3	7/8	3 1/2	OVERLAPPED.
„ DBLG. (if any)	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
BOTTOM PLATING, No. of Strakes ...3.....	79	52	42	50		DOUBLE.	3/4	3	3	3/4	2 5/8	OVERLAPPED.
BILGE PLATING, No. of Strakes ...ONE.....	71	52	42	52		“	“	“	“	“	“	“
SIDE PLATING, No. of Strakes ...TWO.....	70	52	40	52		“	“	“	“	“	“	“
UPPER DECK, Sheer- strake in Wells.....	56	68	40	40		“	7/8	3 1/2	4	7/8	3 1/2	“
UPPER DECK, Sheer- strake in Bridge ...	56	52	94 BRIDGE ENDS.			“	7/8	3 1/2	4	1	4	“
STRAKE BELOW Sheer- strake in Wells.....	70	57	40	40		“	7/8	3 1/2	3	7/8	3 1/2	“
STRAKE BELOW Sheer- strake in Bridge ...	70	57				“	7/8	3 1/2	3	7/8	3 1/2	“
POOP SIDE PLATING				34		SINGLE	3/4	3	2	3/4	2 5/8	“
BRIDGE SIDE PLATING ...		47				“	“	“	2	3 (palette)		“
FORECASTLE SIDE PLATING			37			“	“	“	2			“

WATERTIGHT BULKHEADS.

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

Extending to Upper Deck (Sec. 3 c)

 " Deck next below

As per Rule

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHD, Upper 'tween decks	35	40	34	9	30 7 32
" Second	58	37	33	10	33 47 32
" Third	79	37	33	7	30 7 32
" Holds	103	38	32	11	33 46 32
COLLISION (in Hold)	41	26	4	3	32 124
AFTER PEAK	34	30	9	3 1/2	62 24

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	FLAT PLATE KEEL			
STEM	ROLLED STEEL	8 x 2 1/4		
STERN FRAME	FORGED IRON	9 1/2 x 5 7/8	FORSTERS & SONS L ^{td} SUNDERLAND.	
Propeller Post		9 x 5 7/8		
Rudder		285.2		
RUDDER—A x D	99.4 x 2.87			
Speed of Vessel	NOT EXCEEDING	10 KNOTS.		
RUDDER mainpiece at head		8		
" heel		6 3/4 x 4		
how constructed	MAIN PIECE FORGED IN ONE, 4. ARMS.			
double or single plate		36		
coupling, vertical or horizontal	VERTICAL	8 2 1/4 BOLTS.		

STEEL.

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

Plates, South Durham Steel & Iron Co L^{td} Consett Iron Co L^{td}, Bolckow Vaughan & Co L^{td}, Sections, Consett Iron Co L^{td}, Cargo Flat Iron Co L^{td}

Has the Steel been tested as required by the Rules?

Yes

Lloyd's Register Foundation

EQUIPMENT No. 21825.												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.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.			
32403	1st Bower ...	42	0	14			✓	37	4	1	14	42.0.0	BYERS IMPROVED STOCKLESS	✓	SUNDERLAND SEPT 16 TH 29 J.H.B.
32420	2nd „ ...	42	0	7			✓	37	4	1	14	42.0.0	“	✓	“ 23 RD 29 J.H.B.
32402	3rd „ ...	35	2	21			✓	32	18	3	0	35.2.0	“	✓	“ 16 TH 29 J.H.B.
	Collective weight.	119	3	14			✓					119.2.0			
44639	Stream	11	0	4	3	0	0	12	17	2	0	11.0.0	COMMON FORGED.	✓	CRADLEY HEATH 29 TH JULY 29 LCP.

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.	
														TOWLINE...	100	4	33	100	4	
43133	240	1 ¹⁴ / ₁₆	63 ¹ / ₄	88 ¹ / ₂	425.2.14		425.2.0		240	1 ¹⁴ / ₁₆	STWO LINK.	✓	CRADLEY HEATH. JULY 29 th 29 LCP.	HAWSERS & WARPS	2.90	2 ¹ / ₂	12 ¹ / ₂	2.90	2 ¹ / ₂	
														"	2.90	2 ¹ / ₂	12 ¹ / ₂	2.90	2 ¹ / ₂	
Iron Stream Chain or Steel Wire	75	4 ¹ / ₄		35					75	4 ¹ / ₄		✓		"						

Steering Gear, Steam	DONKIN & SONS L ^t	Steering Gear, Hand	BLOCKS & TACKLE LEAD TO WINCH
2 LIFEBOATS 23' 0" x 7' 5" x 2' 9"		3	DIRECT ACTING QUICK
Boats (DONKIN) 16' 0" x 5' 4" x 2' 2"	Steering Chains, Size and Test	1 ³ / ₁₆ DIA 16 TONS 18 CWTs	Windlass WARPING TYNE METAL C/L
Ceiling in Holds, thickness and material	NO CEILING FITTED	Cargo Battens, thickness, material and spacing	NO CARGO BATTENS FITTED
Cargo Hatchways.—(Upper Deck)	STEEL COAMINGS 4 ¹ / ₂ THICK.	Thickness of Hatches	3" THICK FORE & AFT.
Size of No. 1 Hatchway (Forward)	36' 0" x 30' 2" 20' 6"	No. 2	36' 0" x 30' 2"
		No. 3	38' 3" x 30' 2"
		No. 4	42' 9" x 30' 2"
		No. 5	
		No. 6	
Number of Shifting Beams and/or Fore and Afters	NO 1. 6 OFF. NO 2. 6 OFF. NO 3. 6 OFF. NO 4. 6 OFF. (7 rollers)		
	FOR SMITH'S DOCK COMPANY, LTD.		
Builder's Signature	JW Cairns		

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 built in accordance with the approved plans, the Surveyor's letters, and in general conformity with the Rules and Regulations for the Class contemplated.

The materials and workmanship are good

All double bottom tanks, deep tank aft. Fore and after peak tanks, Watertight doors, Bulkheads, Decks, Shaft tunnel, ash shoot, have been tested to rule requirement with Satisfactory results.

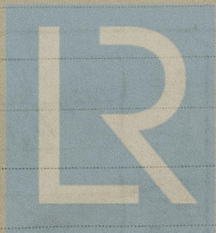
The windlass, Steam & tackle steering gear have been tested under working conditions and found satisfactory

The assigned freeboard has been cut in on the vessel's sides verified.

The amount of Entry Fee	£ 6 : 0 : 0	Fees applied for,	18 Nov 1929	I am of opinion the Vessel should be Classed * 100 A-1. NO CARGO BATTENS FITTED.
Special Survey Fee....	£ 2/6 : 2 : 0	Received by me,	23. 11. 29	
FREEBOARD. £ 6. 13. 4				
Travelling Expenses, if any £	:			
State whether the Vessel has been built under Special Survey	Yes	Signature	Cyril B. Leaver.	Surveyor to Lloyd's Register of Shipping.
Certificate to be sent to	Middlesbrough	Date of issue	26/11/29.	

Committee's Minute	TUE. 26 NOV 1929
Character assigned	+ 100 A-1
	+ L.M.C. 11. 29
	Cl.
	Lloyd's A & C P
	Cargo battens not fitted
	Mark

The Surveyors are requested not to write on or below the Committee's Minute.



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Lloyd's Register
Foundation

0268 1/2

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.)

The following approved plans retained while building the sister vessel.

Midship Section.
Profile and deck plans.
Stern Frame & Rudder (Cancelled plan)
Stern Frame & Rudder.
Stiffening of bottom forward.
Proposed arrangement of Longitudinal Deck Girders, (not worked to)
(6 in all)

Forging Certificates now sent.

Stern Frame N° 5286.
Rudder N° 5286
Tiller. N° 5286
(3 in all.)

Midship Section & Profile as built.

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

1st Bower	24.0.20	N.B.	N° 6848	Aug 29 th 29.
2nd "	24.0.22	N.B.	N° 6879	- - -
3rd "	20.2.6.	N.B.	N° 6834	- - -

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 22.91 ft., R.Q.D. ☒ ft., Bridge 49.5 ft., Forecastle 23.33 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^m (54)

Official No. 161543 ; Signal Letters L.F.D.G.

Is bottom of Vessel coated with cement ☒ if not give

particulars of composition

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length.		Water Capacity.	Where Fitted.	*Length.		Water Capacity.
	Feet.	Tons.			Feet.	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,		256	
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. 1455

Date 29th July/29

Dates of Surveys held while building

1929: June 28. July 1. 3. 4. 12. 15. 18. 22. 23. 29 Aug 2. 5. 7. 9. 12. 13. 14. 15. 19. 28 Sep 2. 4. 6. 9. 11. 13. 17. 18. 24. 25. 29
Oct 1. 2. 7. 8. 9. 10. 11. 12. 14. 15. 16. 17. 22. 30 Nov 5. 6. 7. 8. 11. 12. 13.

Total No. of Visits 52