

STEEL STEAMER or MOTORSHIP.

Received at London Office 12 JUL 1928

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

11 July 1928

Port of

Sunderland

Survey held at **SUNDERLAND**

Date First Survey

4 January 28

Last Survey

No. 29790

1928

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

Single screw "AMBERTON"

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

Full scantling

TONNAGE under Tonnage Deck

4845.09

CLASS F100 A1

State if with freeboard as condition of Class

no

State Type of Erections Poop Bridge & Fc

Built at Sunderland

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

Total

Gross Tonnage

5376.95

Register Tonnage

3244.72

REGISTERED DIMENSIONS.

FEET.

Length

409.6

Breadth

54.0

28.2

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

FEET.

L 409.5

Breadth (greatest moulded)

B 53.66

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

D 31.50

1st Longitudinal Number (L x D)

= 12899

2nd Numeral L x (B + D)

= 34873

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

26.33

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

13.00

Do. Long Bridge to top of keel

10.36

Draught Moulded

25.5 3/4

Launched 5th June 1928 Yard No. 431

Builders Messrs Short Bros. Ltd

Owners Messrs Chapman & Sons Ltd

Managers

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

Residence Newcastle on Tyne

Port of Registry Newcastle on Tyne

If surveyed while building, afloat, or in dry dock

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	33	✓	Bracket Floors, Frame	BA 6 3 1/2 40	owners reg. 64 BR
" " from 1/2 length to Collision bulkhead	27	✓	" " Reversed Frame	BA 5 1/2 3 40	64 BR.
" " in peaks	24	✓	" " Vertical Struts	Ch. 10 x 3 1/2 x 3 1/2 x 42	64 BR.
FRAMING.			Centre Girder, depth and thickness amidships	53 254 44	58 ER. 74 BR
Frame Amidships, Angle	15 x 4 x 4 x 41	✓	" " top Angles	Single 6 6 50	✓
" " Extends up to	upper dk.	✓	" " bottom Angles	" 6 6 56	✓
Reversed Frame Amidships, Angle	-	✓	Side Girders, No. each side and thickness	one 40	owners reg. 44 ER. 64 BR
" " Extends up to	-	✓	Margin Plate depth (excl. of flange) and thickness	46 x 52	owners reg. 56 ER. 74 BR
Depth of Framing Girder	see above	✓	" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	6 6 50	✓
Frames in Uppermost Continuous 'tween Decks, Angle, [or]	-	✓	" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	6 6 50	✓
" " Second 'tween Decks, Angle, [or]	-	✓	" " Gussets, spacing and scantling abaft 1/2 len. from stem	none	✓
" " Third " " " "	-	✓	" " Gussets, spacing and scantling forward 1/2 len. from stem	none	✓
Framing in Peaks, Angle or [9 3 1/2 39	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	96 x 50	✓
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	4.6 5 1/2 x 5 dia	✓	INNER BOTTOM PLATING.		
State if Frame Joggled	no	✓	Breadth and thickness of Middle Line Strake	60 x 49 42	✓
PLATING ARRANGEMENTS (Sec. 7), state system and particulars	Plate stringer 35 x 34 4	✓	Thickness of remainder in Holds	44 40 38	owners reg. 56 ER. 71 BR
STRENGTHENING OF BOTTOM FORWARD. State Particulars	2 In. Stringer with Racking Beams	✓	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	✓
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	Angle framing equal to double. add intercostals midship thickness of bottom plating to coll bld	✓	Uppermost Continuous Deck, amidships in Wells, Angle, [or]	8 3 1/2 40	appd 8 x 3 x 36 WBS
Height of Brackets at side above base line at toe of frame	-	✓	" " in way of Bridge, Angle, [or]	8 3 1/2 40	50
Middle Line Keelson, on Floors, Angles, [or]	-	✓	Spacing	33	✓
" " 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, [or]	4 3 35	appd 4 x 3 x 33 WBS
Solid Floors, thickness and spacing	43 @ 8 3/8	owners reg. 44 ER.	Spacing	33 x 24	✓
" " Are Frame and Reversed Frame joggled?	2 9 x 2 3	65 BR	Bridge Deck, Angle, [or]	4 3 54	appd 4 x 3 x 38 WBS
Bracket Floors, breadth and thickness at middle line	2 9 x 43	owners reg. 65 BR	Spacing	33	✓
" " breadth and thickness at margin plate	2 9 x 43	owners reg. 65 BR	Forecastle Deck, Angle, [or]	8 3 1/2 40	appd 8 x 3 x 35 WBS
			Spacing	4 3 38	✓
				24 x 24	✓

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.....	Three		Stringer Plate, breadth and thickness in way of Bridge	—	
<i>Pop Bridge & etc</i>			Thickness of Plating abreast Deck openings in way of Wells	—	
<i>in 'tween Decks, Size and Spacing.....</i>	4 4 50		Thickness of Plating abreast Deck openings in way of Bridge	—	
<i>on all beams</i>			Thickness of Plating within line of openings.....	—	
<i>Quarter</i>			If Sheathed, material and thickness	—	
<i>in Holds</i>	8 8 78		Third Deck.		
<i>double angles</i>	8 8 74		Stringer Plate, breadth and thickness.....	—	
<i>wide spaced</i>			If Plated, state thickness.....	—	
Centre Line Bulkhead.			Fourth Deck.		
Stiffeners and Spacing.....	9 3 3 1/2		Stringer Plate, breadth and thickness.....	—	
Plating, thickness of	30		If Plated, state thickness	—	
STRINGERS AND DECKS.			Pop Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness	Straight 30	
Stringer Plate, breadth and thickness in Wells at Bridge ends	40 x 89 1/2		Plating, Sheathing, material and thickness	30 - 28	
<i>at Bridge ends</i>	1 15		Bridge Deck.		
<i>in way of Bridge</i>	40 x 40		Stringer Plate, breadth and thickness.....	69 x 46	
<i>in way of Gunter Hatch</i>	60		Plating, Sheathing, material and thickness	44	
<i>Angle in Wells</i>	6 6 86		Forecastle Deck.		
Thickness of Plating abreast Deck openings in way of Wells	94 84 60		Stringer Plate, breadth and thickness	Straight 30	
Thickness of Plating abreast Deck openings in way of Bridge	40 - 36		Plating, Sheathing, material and thickness	34 30 28	
Thickness of Plating within line of openings.....	42 - 34				
If Sheathed, material and thickness	—				
Second Deck.					
Stringer Plate, breadth and thickness in Wells.....	—				

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.		STRAIPPED 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	50	80	70	70		Double	1 1/2	3 3/4	Four	1 1/2	4	Lapped	
„ DECK. (if any)													
BOTTOM PLATING, No. of Strakes4.....	41	66	52	52		Double	7/8	3 3/10	Four	7/8	3 1/2	Lapped	
BILGE PLATING, No. of Strakes4.....	41	66	48	52		„	„	„	„	„	„	„	
SIDE PLATING, No. of Strakes3.....	71	66	46	50		„	„	„	Three	7/8	3 1/8	„	
UPPER DECK, Sheer- strake in Wells.....	41	86	46	46		„	1	3 3/4	Two	1 1/2	5	„	
UPPER DECK, Sheer- strake in Bridge ...	41	62	-	-		„	7/8	3 3/10	Three	7/8	3 1/8	„	
STRAKE BELOW Sheer- strake in Wells.....	41	70	46	46		„	„	„	Four	„	3 1/2	„	
STRAKE BELOW Sheer- strake in Bridge ...	41	66	-	-		„	„	„	Three	„	3 1/8	„	
POOP SIDE PLATING	-	-	-	41 38		Single	7/8	3 3/10	Single	„	„	„	
BRIDGE SIDE PLATING ...	50 52	59	-	-		Double	7/8	3 3/10	Three	„	„	„	
FORE'C'L SIDE PLATING	-	-	41	-		Single	„	„	Single	„	„	„	

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—					FORGINGS and CASTINGS.				
Extending to Upper Deck (Sec. 3 c)	4				Keel, Bar	Castings or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
Deck next below	—				STEM				
As per Rule	4				STERN FRAME				
					Propeller Post	Forged	10 1/2 x 8	J.S. Fordy	
					Rudder	Forged	9 x 8	Hans.	
					RUDDER—A x D	144 x 24	3 3/79 = 497.2		
					Speed of Vessel	under 10 knots			
					RUDDER mainpiece at head	Forged	10	J.S. Fordy	
					heel	Forged	1/2	Hans.	
					how constructed	Forged & arms sprunk on			
					double or single plate	Single	1 08		
					coupling, vertical or horizontal	Vertical			
MIDSHIP BULKHEAD, Upper 'tween decks									
Second									
Third									
Holds	46 31 26	12 1/2 x 42	30						
COLLISION (in Hold)	40 36	8 x 3 1/2	24	1.5 B.B. W.T. Plat.					
AFTER PEAK	33 36	4 x 3 1/2	24	2.5 B.B. Brass					
Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)	South Durham S & S Co. Ltd. / Consell S & S Co. Ltd. / Bolehow Vaughan S & S Co. Ltd. / Dorman Long S & S Co. Ltd. / Cargo Fleet S & S Co. Ltd.								
Has the Steel been tested as required by the Rules?	Yes.								

EQUIPMENT No. 36379

LETTER L

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.
61031	1st Bower	66 qrs. 10 lbs.	stockless	51 13 0 14	63 3/4	Taylor's dreadnought	S Taylor & Sons	Lifton 22.3.28
61005	2nd "	63 2 7	"	50 5 0 0	63 3/4	"	"	" 26.4.28
61027	3rd "	56 2 0	"	46 6 1 0	54 1/2	"	"	" 22.3.28
	Collective weight.	181 1 7		194 1 14	182			L.A. Brydall
61001	Stream	18 1 7	4 3 7	19 4 1 14	17 1/2	Rodgers.	S Taylor & Sons	Lifton, 15.3.28 L.A. Brydall

CHAIN CABLES.

HAWERS 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.	Tons.	Length. Cir.
15898	270 2 1/4	9 1/8 12 1/2	688 2 0	682 1/4	270 2 1/4	Shed S Taylor & Sons	Lld. 22.5.28	TOWLINE	120 5	73	120 - 5
						J.H. Butler		HAWERS & WARPS	2-90 2 1/4	15 5	2-90 2 1/4
									2-90 4	manila	2-90 2 1/2 or 4 manila
Free Stream Chain of Steel Wire	90 4 3/4	— 44	—	90 4 3/4	—	Brown & Borlase.	—				

Steering Gear, Steam *Boskin & Co. Ltd.* Steering Gear, Hand *Auxiliary means of steering by wire ropes blocks etc. operated from inside.*

Boats 2-24 ft life, 2-18 ft dinghy Steering Chains, Size and Test *19" 29.5.0.0* Windlass *Clarke Chapman 6-2.12*

Ceiling in Holds, thickness and material *2 1/2" Pine under hatches* Cargo Battens, thickness, material and spacing *2" W.P. 9" spacing*

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

Size of No. 1 Hatchway (Forward) *31.6 x 20.0* No. 2 *33.0 x 20.0* No. 3 *33.0 x 18.0* No. 4 *30.3 x 20.0* No. 5 *30.3 x 20.0* No. 6 *—*

Number of Shifting Beams and/or Fore and Afters *5 1/2 Nos 1.2.4 & 5, 2 x 3 Hank bldgs to No. 3.*

FOR SHOOT BROTHERS, LIMITED.

Builder's Signature

J. H. Shore

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 & Secretary's letters. The materials & workmanship are good.

The freeboards has been verified and the marks cut in on the vessels sides. The peak tanks and double bottom tanks have been satisfactorily tested under water pressure in accordance with the rule requirements. Bulkheads, decks, tunnel & doors have been boxed and found satisfactory.

The approved plans (720) midships section, Profile & decks, Pillars & Girders, Forward strengthening of bottom, stern frame rudder, Pumping, bulwark sweeps at bridge ends, together with 3 forging certificates, also midships section Profile & decks, stern frame rudder as built are forwarded herewith.

The amount of Entry Fee £ 9 : : : Fees applied for, 9 JULY 1928

Special Survey Fee £ 334 : 8 : 6 Received by me, 11.8.28

Travelling Expenses, if any £ : : : 40

I am of opinion the Vessel should be Classed F100 A1

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

Signature

W.P. Fellings

Certificate to be sent to SUNDERLAND. Date of issue 13/8/28

Committee's Minute

TUES. 17 JUL 1928

Character assigned

+ 100 A1

+ L.A.C. 7.28

C.L. B.B.



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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.)

Sister vessels - S.S. Brighton. Report No. 29630. Yard No. 428.
S.S. Riverton. " " 29692. " " 429.

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

1st Bower
2nd "
3rd "

Heads of forged open hearth ingot steel.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 44.0 ft., R.Q.D. — ft., Bridge 123.75 ft., Forecastle 39.5 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated. See god. rpt.

No. and Material of Decks (this information is to be given as it should appear in the Register Book) 1 dk (ste)

Official No. 149474 ; Signal Letters

Is bottom of Vessel coated with cement yes

particulars of composition

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	118.25	560	Fore peak tank,	35	2
Double bottom, under Engines and Boilers,	41.25	224	After peak tank,	28	2
Double bottom, if under Engines only,	✓	—	Deep tank, aft,	✓	✓
Double bottom, if under Boilers only,	✓	—	Deep tank, forward,	✓	✓
Double bottom, forward,	184.25	1013	Other tanks, if fitted,	✓	✓
Total capacity of double bottom	1794		(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. 5634

Date 2. 6. 27.

Dates of Surveys held while building

1928. Jan. 4. 6. 10. 13. 18. 19. 24. 26. 30. Feb. 3. 6. 8. 10. 15. 20. 23. 27. Mar. 1. 6. 8. 14. 15. 27. 30. Apr. 2. 3. 12. 17. 20. 23. 24. 27. May 3. 8. 10. 11. 14. 16. 17. 18. 21. 22. 23. 25. 29. 31. June 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. July 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. Aug. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. Sept. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. Oct. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. Nov. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. Dec. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31.

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