

STEEL STEAMER or MOTORSHIP.

8 AUG 1929

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 *from New*

Date of completion of report

7th August, 1929

Port of

Sunderland

No.

30095

Survey held at

Sunderland

Date First Survey

31st Jan 1929

Last Survey

11th July

1929

On the (State if Machinery fitted Aft and

Single screw "ANGLO SAXON"

State Type

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

Complete Superstructure, with tonnage opening

State Type of Erections

TONNAGE under Tonnage Deck

5044.04

CLASS 7100 A1

State if with freeboard as condition of Class

yes

Built at

Sunderland

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 1425.5

Launched 5th July 1929

Yard No. 434

Total

Breadth (greatest moulded)

B 57.66

Builders Messrs Short Bros Ltd.

Gross Tonnage

5596.21

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

D 36.50

Owners The Nitrate Producers Steamship Co. Ltd.

Register Tonnage

3400.66

1st Longitudinal Number (L x D) = 15530

Managers Hawthorn Latta & Co. Ltd.

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

2nd Numeral L x (B + D) = 40065

Residence London

REGISTERED DIMENSIONS.

FEET.

Length

426.0

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

24.875

Port of Registry London

Breadth

58.0

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

11.66

If surveyed while building, afloat, or in dry dock

Depth

26.0

Do. Long Bridge to top of keel

-

Draught Moulded

24-10 1/4

Building

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	31	/	Bracket Floors, Frame	B.A. 6 1/2 3 1/2 36	/
" " from 1/2 length to Collision bulkhead	27	/	" " Reversed Frame	B.A. 5 1/2 3 36	/
" " in peaks	24	/	" " Vertical Struts	[10 x 3 1/2 x 3 1/2 x 42 5 1/2 3 36	/
SIDE FRAMING.			Centre Girder, depth and thickness amidships	43 1/2 x 58	/
Frame Amidships, Angle [or F	12 x 4 x 4 x 51/60	/	" " top Angles	single 6 6 54	/
" " Extends up to	2nd deck	/	" " bottom Angles	" 6 6 62	/
Reversed Frame Amidships, Angle	-	/	Side Girders, No. each side and thickness	ONE 42	/
" " Extends up to	-	/	Margin Plate depth (excl. of flange) and thickness	40 x 54	/
Depth of Framing Girder	12	/	" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	3 1/2 3 1/2 45	/
Frames in Uppermost Continuous 'tween Decks, Angle, [or F	6 1/2 3 1/2 44 1/2 and 46	/	" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	3 1/2 3 1/2 45	/
" " Second 'tween Decks, Angle, [or F	6 1/2 3 1/2 32 x 35 at ends	/	" " Gussets, spacing and scantling abaft 1/2 len. from stem	6 6 45	/
" " Third " " " "	-	/	" " Gussets, spacing and scantling forward 1/2 len. from stem	6 6 45	/
Framing in Peaks, Angle or [9 3 1/2 39	/	Tank Side Brackets, height above base line at toe of Frame and thickness	4'0" x 44 5'9" x 46 in deep tank	/
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 6 1/2 x 5 1/2 dia	/	INNER BOTTOM PLATING.		
State if Frame Joggled	710	/	Breadth and thickness of Middle Line Strake	48 50 44	/
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	2 1/2" side stringers 1 PL 5 1/2 x 34 x 35 with panting beams 12 x 4 x 1 1/2 x 50 (NBS) single frames 6 6 48 double riveted, add intercostals midship thickness of bottom plating to Coll. bkd	/	Thickness of remainder in Holds	44 40	/
STRENGTHENING OF BOTTOM FORWARD. State Particulars		/	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		/	Uppermost Continuous Deck, amidships in Walls, Angle, [or F	8 3 1/2 42	/
Height of Brackets at side above base line at toe of frame		/	" " in way of Bridge, Angle, [or F	-	/
Middle Line Keelson, on Floors, Angles, [or F		/	Spacing	31	/
" " Through Plate or Intercostal Plate		/	Second Deck, amidships, Angle, [or F	8 1/2 3 39	/
" " Foundation Plate on Floors		/	Spacing	31	/
" " Flat Plate Keel Angles		/	Third Deck, amidships, Angle, [or F	-	/
Side Keelsons, No. each side		/	Spacing	-	/
" " thickness of Intercostal Plate		/	Fourth Deck, amidships, Angle, [or F	-	/
" " Angles		/	Spacing	-	/
DOUBLE BOTTOM.			Poop Deck, Angle, [or F	-	/
Solid Floors, thickness and spacing	42 @ 93. 27	/	Spacing	-	/
" " (Partial) under Engines	42 31	/	Bridge Deck, Angle, [or F	-	/
" " Are Frame and Reversed Frame joggled?	no	/	Spacing	-	/
Bracket Floors, breadth and thickness at middle line	2'9" x 42	/	Forecastle Deck, Angle, [or F	-	/
" " breadth and thickness at margin plate	2'9" x 42	/	Spacing	-	/

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>Three</i>			✓	Stringer Plate, breadth and thickness in way of Bridge	-	-	-	
Quarter \wedge in 'tween Decks, Size and Spacing.....	8	8	'60 '50		Thickness of Plating abreast Deck openings) in way of Wells	37	-	31	✓
Centre line " " " " " " " " " " " "	5	5	50		Thickness of Plating abreast Deck openings) in way of Bridge	-	✓	-	
Quarter \wedge in Holds wide spaced	8	8	'98- '78		Thickness of Plating within line of openings...	34	-	31	✓
" " " " " " " " " " " "	+ cantilever as approved				If Sheathed, material and thickness	✓			
Centre Line Bulkhead.	[11	3½ x .44- to .42	✓	Third Deck.				
Stiffeners and Spacing.....	[8	3 .43 .41		Stringer Plate, breadth and thickness.....				
Plating, thickness of30	✓	If Plated, state thickness.....				
STRINGERS AND DECKS.					Fourth Deck.				
Uppermost Continuous Deck.					Stringer Plate, breadth and thickness.....				
Stringer Plate, breadth and thickness in Wells	73	'61-	'43	<i>appd 58-43 and + .03 for Owners for 3/5 length.</i>	If Plated, state thickness				
" " " " " " " " " " " "	-	-	-		Poop Deck.				
" Angle in Wells	6	6	'62	✓	Stringer Plate, breadth and thickness				
Thickness of Plating abreast Deck openings) in way of Wells	59	-	'44	<i>appd 58-44 and + .03 for Owners for 3/5 length.</i>	Plating, Sheathing, material and thickness ...				
Thickness of Plating abreast Deck openings) in way of Bridge	✓				Bridge Deck.				
Thickness of Plating within line of openings...	41	-	.36	✓	Stringer Plate, breadth and thickness.....				
If Sheathed, material and thickness	✓				Plating, Sheathing, material and thickness ...				
Second Deck.					Forecastle Deck.				
Stringer Plate, breadth and thickness in Wells...	73	'40-	'35	✓	Stringer Plate, breadth and thickness.....				
					Plating, Sheathing, material and thickness ...				

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if joggled? <i>no</i>	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	52	.88	.69	.69		Double	1	3 3/8	4R to 3R	1	4	Lapped	
" DBLG. (if any)	-	-	-	-		-	-	-	-	-	-	-	
BOTTOM PLATING, No. of Strakes	48	.63	.63	.50	<i>appd - 60. + 23 Owners 5/64th X. under fore tank</i>	Double	7/8	3 1/2	3R	7/8	3/8	Lapped.	
BILGE PLATING, No. of Strakes	68	.63	.51	.51	" " 5/64th X.	"	"	"	"	"	"	"	
SIDE PLATING, No. of Strakes	69	.60	.44	.44		"	"	"	"	"	"	"	
UPPER DECK, Sheer-strake in Wells	78	.75	.44	.44		"	1	3 7/8	4R to 3R	1	4	"	
UPPER DECK, Sheer-strake in Bridge ...	-	-	-	-		-	-	-	-	-	-	-	
STRAKE BELOW Sheer-strake in Wells	71	.60	.44	.44		Double	7/8	3 1/2	3R	7/8	3/8	Lapped	
STRAKE BELOW Sheer-strake in Bridge ...	-	-	-	-		-	-	-	-	-	-	-	
POOP SIDE PLATING	-	-	-	-		-	-	-	-	-	-	-	
BRIDGE SIDE PLATING ...	-	-	-	-		-	-	-	-	-	-	-	
FORECASTLE SIDE PLATING	-	-	-	-		-	-	-	-	-	-	-	

WATERTIGHT BULKHEADS.

FORGINGS and CASTINGS.

Total No. of W.T. BULKHEADS in Vessel—		Casting or Forging.		Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
Extending to Upper Deck (Sec. 3 c) <i>1</i>						
„ Deck next below <i>6</i>						
As per Rule <i>6</i>						
		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper tween decks						
„	„ Second „					
„	„ Third „					
„	„ Holds					
COLLISION „ (in Hold)						
AFTER PEAK „ „						

46-30 [*2x3 1/2 x 3 1/2 @ 43 @ 3 1/2* - *NBS.*]
42-30 [*8x3 1/2 x 40 @ 24 SSB*
9x3 x 37 1/2 @ 21" Tank Plat.
(NBS)]
32-30 [*7x3 x 39 @ 21" 2.S.S.B.*
(NBS)]

KEEL, Bar ✓
STEM Forging *10x2 1/2*
STERN FRAME { Propeller Post " *10 1/2 x 8 1/2* *Sunderland*
Rudder " " *9 x 8 1/2* *Forging 6-1/2"*
RUDDER—AxD *139.15 x 3.53 = 491.19*
Speed of Vessel *not exceeding 11 knots.*
RUDDER mainpiece at head ... Forging *10 1/4* *Sunderland*
" " heel ... " *4 3/4* *Forging 8 1/4"*
" how constructed *Built & arms shrunk on keyed*
" double or single plate *double 7/16*
" coupling, vertical or *vertical*
" horizontal

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STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Open hearth process.*
Bolchov Vaughan & Co. Ltd. Consell J. Co. Ltd. South Durham S. & J. Co. Ltd. Cargo Steel Co. Ltd.
Pease & Partners, Dorman Long & Co. Ltd.
 Has the Steel been tested as required by the Rules? *Yes*

Has the Steel been tested as required by the Rules?

EQUIPMENT No. 440384										LETTER at		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.				
62268	1st Bower ...	68	2	7	stockless			52	18	3	0	68	Byers Type	S. Taylor & Sons	Lepton 26.5.29. W. Brysdale
61892	2nd " ...	68	1	21	"			52	18	3	0	68	"	"	" 11.3.29. H. L. L. L.
62202	3rd " ...	59	1	7	"			47	18	0	14	58 1/2	"	"	" 6.5.29. W. Brysdale
	Collective weight.	196	1	7								194 1/2			
61903	Stream	30	1	14	stockless			28	18	0	14	23.45 stockless	Byers Type	S. Taylor & Sons	Lepton, 18.2.29. W. Brysdale

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.	Fathoms.		Ins.	Length.	Cir.	Fathoms.	Ins.
					Owts.	qrs. lbs.																
16357	270	2 5/8	96 1/4	134 1/4	420.3.14		420.3.0		240	2 5/8	Stud.	S. Taylor & Sons.	Ed. 19.6.29. J.H. Butler	TOWLINE...	120	5 1/2	88	120	5 1/4			
64569 Iron Stream Chain (Steel Wire)	90	1 3/8	34	51	90.2.5		84.0.8	90	1 3/8	Stud.	S. Taylor & Sons.	Lepton, 16.5.29. W. Brysdale.		HAWSERS & WARPS	2.90	3 1/2	26	-	-			
														"	2.90	2 3/4	15.5	2.90	2 3/4			
														"	2.90	7" manila		2.4" manila				

Steering Gear, Steam *Bonkin + Co.* *secondary means of steering by tackle*
Boats 2-24ft life, 2-18ft cutters Steering Chains, Size and Test 1 1/2" 27.0.0.0 *Steering Gear, Hand to which in lieu, Bonkin's brake gear fitted.*
Ceiling in Holds, thickness and material 2 1/2" w.pine under latches *Cargo Battens, thickness, material and spacing 2 1/2" w.pine, 9" spacing*
Cargo Hatchways. (Upper Deck) *steel plates + angles* *in Holds + tween decks.*
Size of No. 1 Hatchway (Forward) 31' 6" x 21' 0" No. 2 31' 0" x 21' 0" No. 3 23' 3" x 21' 0" No. 4 12' 11" x 21' 0" No. 5 31' 0" x 21' 0" No. 6 28' 5" x 21' 0"
Number of Shifting Beams and/or Fore and Afters 5 to No 1.2 + 5, 2 + 1 trunk to No 3, 16 No 4, 4 to No 6
FOR SHORT BROTHERS, LIMITED.

Builder's Signature *George C. Short.* **DIRECTOR.**

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 freeboard has been verified and the marks cut in on the vessels sides. The peak tanks, double bottom tanks, including the dry tank under the Boilers, + deep tank, have been satisfactorily tested under water pressure in accordance with the Rule requirements.
The w.t. bulkheads, decks, tunnel in the after main hold + w.t. doors, have been hose tested and found satisfactory, and pumps tested.
The approved plans (8 in 10) midship section. Profile + decks, Deep tanks, side bunkers. Fore bottom strengthening. Rudder + stern frame, Rudder, Pillars + Girders, together with the midship section, Profile + decks as built and one forging certificate.

P.T.O

The amount of Entry Fee £ 9 : : : Fees applied for, 17 AUG 1929
Special Survey Fee £ 339 : 18 : : I am of opinion the Vessel should be Classed *F100 A1*
Freeboard 10 : 1 : 8 *with freeboard.*
Travelling Expenses, if any £ : : : Received by me, 17.8.29
State whether the Vessel has been built under Special Survey *yes* Signature *W.P. Collings.*
Certificate to be sent to *SUNDERLAND* Date of issue 21/8/29 *Surveyor to Lloyd's Register of Shipping.*

Committee's Minute TUE. 20 AUG 1929
Character assigned *+ 100 A1 With Freeboard*
Lloyd's A+C.P. (on Nov. Rpt. 84605)
L.M.C. 8.29
P.D.C.

Trade Mark
XX

MM



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Lloyd's Register
Foundation

W1180-01053

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.)

This vessel has proceeded to Newcastle on Tyne, ^{for machinery} and to complete the survey the following remain to be done viz:— the Engine & Boiler casings to be riveted etc, the tunnel in the after hold to be hose tested, the steam and auxiliary steering gears, and windlass to be tried under working conditions, The Surveyors at that port have been advised accordingly, and the approved pumping plan forwarded for their guidance, as per enclosed copy of letter.

This is a sister vessel to the Builders No 424. "Anglo Australian", Rpt No 29431.

NOTE. Please return plans for sister vessel. No 439. now building

W.P.B.

Particulars of Drop Test of Cast Steel Anchors, viz:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	44.1.7	A.B.	2180	4.4.29
	2nd "	43.2.0	K.H.	10021	3.1.29
	3rd "	37.2.4	K.H.	10058	25.3.29
	Stream	19.2.0	K.H.	10015	1.11.29

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop — ft., R.Q.D. — ft., Bridge — ft., Forecastle — ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *Complete Superstructure.*

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

Official No. *161279* ; Signal Letters _____ Is bottom of Vessel coated with cement *yes* if not give particulars of composition _____

PARTICULARS OF WATER BALLAST.—

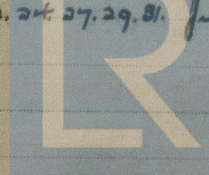
Where Fitted.	*Length.		Water Capacity.	Where Fitted.	*Length.		Water Capacity.
	Feet.	Tons.			Feet.	Tons.	
Double bottom, aft,	147.25	440		Fore peak tank,	21.5	89	
Double bottom, under Engines and Boilers,	-	-		After peak tank,	24.0	195	
Double bottom, if under Engines only,	28.41	136		Deep tank, aft,	Centre 20.66	1078	
Double bottom, if under Boilers only, (1894)	18.08			Deep tank, forward,	Side 28.41		
Double bottom, forward,	184.41	693		Other tanks, if fitted,	-		
	378.15	1299		(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. *5699*

Date *10.1.29*

Dates of Surveys held while building

1929. Jan. 31. Feb. 4. 6. 8. 12. 13. 15. 20. 22. 26. 28. Mar. 4. 6. 7. 11. 12. 15. 19. 21. 25. 27. Apr. 4. 5. 11. 12. 16. 18. 22. 24. 29. May. 2. 7. 8. 9. 10. 14. 17. 22. 24. 27. 29. 31. June. 3. 4. 6. 7. 10. 12. 13. 14. 17. 20. 24. 25. July. 2. 3. 4. 5. 9. 11



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