

## STEEL STEAMER or MOTORSHIP.

Received at London Office MAY 1927

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 (from Newcastle)*Date of completion of report *4<sup>th</sup> May 1924* Port of *Sunderland* No. *29431*Survey held at *Sunderland* Date First Survey *5<sup>th</sup> Feb. 1926* Last Survey *26<sup>th</sup> April 1927*On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) *Single Screw "ANGLO AUSTRALIAN"*State Type (Full scantling, Complete Superstructure with or without Tonnage Opening) *Complete Superstructure with Tonnage Opening* State Type of Erections *✓*TONNAGE under Tonnage Deck... *5012.85* CLASS *F 100 A1* State if with freeboard as condition of Class *yes* FEET.

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

Total

Gross Tonnage *5455.89*Register Tonnage *3331.76*REGISTERED DIMENSIONS.  
FEET.Length *426.0*Breadth *58.0*Depth *26.1*Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) *L 425.5*Breadth (greatest moulded) *B 57.66*Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 36.5*1st Longitudinal Number (L x D) *= 15530*2nd Numeral L x (B + D) *= 40065*Framing Depth "d," at middle of length. See Sec. 3 (1d) *24.875*Proportions—Depth to Length—Uppermost continuous deck to top of keel *11.66*  
Do. Long Bridge to top of keel *✓*Draught Moulded *24-10 1/4*Built at *Sunderland*Launched *March 21<sup>st</sup> 1927* Yard No. *424.*Builders *Short Bros. Ltd.*Owners *The Nitrate Producers Steamship Co. Ltd.*Managers *Lawther Latta & Co. Ltd.*  
(Where necessary to be entered in Reg. Book.)Residence *London.*Port of Registry *London.*

If surveyed while building, afloat, or in dry dock

*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.
<b>FRAMES, Spacing amidships</b> <i>✓</i>	<i>31</i>		<b>Bracket Floors, Frame</b> <i>✓</i>	<i>6 1/2 3 1/2 36</i>	
" " from 1/2 length to Collision bulkhead.....	<i>27</i>		" " Reversed Frame <i>✓</i>	<i>5 1/2 3 36</i>	
" " in peaks.....	<i>24</i>		" " Vertical Struts <i>✓</i>	<i>10 x 3 1/2 x 3 1/2 x 42</i>	
<b>SIDE FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b>	<i>43 1/2 x 58</i>	
<b>Frame Amidships, Angle, [ or ]</b> <i>✓</i>	<i>12 x 4 x 4 x 51</i>		" " top Angle <i>✓</i>	<i>6 6 54</i>	
" " Extends up to <i>2<sup>nd</sup> dk</i>			" " bottom Angles <i>✓</i>	<i>6 6 62</i>	
<b>Reversed Frame Amidships, Angle</b> <i>✓</i>			<b>Side Girders, No. each side and thickness</b> <i>✓</i>	<i>one 42</i>	(Owners) 42 + 10 under thrust.
" " Extends up to...			<b>Margin Plate depth (excl. of flange) and thickness</b> <i>✓</i>	<i>40 54</i>	
<b>Depth of Framing Girder</b> <i>✓</i>	<i>12</i>		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem <i>✓</i>	<i>6 6 45</i>	
<b>Frames in Uppermost Continuous 'tween Decks, Angle, [ or ]</b> <i>✓</i>	<i>6 1/2 x 3 1/2 x 44-46 and</i>		" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem <i>✓</i>	<i>6 6 45</i>	
" " <b>Second 'tween Decks, Angle, [ or ]</b> <i>✓</i>	<i>6 1/2 x 3 1/2 x 32-35 at ends</i>		" " Gussets, spacing and scantling abaft 1/2 len. from stem.....	<i>✓</i>	
" " <b>Third " " " "</b> <i>✓</i>			" " Gussets, spacing and scantling forward 1/2 len. from stem.....	<i>✓</i>	
<b>Framing in Peaks, Angle or [</b> <i>✓</i>	<i>9 3 1/2 40</i>		<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b> <i>✓</i>	<i>4'-0" and 5'-9" in deep tank x 8 x 3 space.</i>	
<b>Diameter and Spacing of Rivets through Frame and Shell Plating amidships</b> <i>✓</i>	<i>7/8 5 1/2 4 1/8</i>		<b>INNER BOTTOM PLATING.</b>		
<b>State if Frame Joggled</b> <i>✓</i>	<i>no</i>		Breadth and thickness of Middle Line Strake <i>✓</i>	<i>78 x 50</i>	
<b>PANTING ARRANGEMENTS (Sec. 7), state system and particulars</b> <i>✓</i>	<i>3 side stringers 3 1/2 x 35 3 tiers of beams 11 x 3 1/2 x 54 B.A. with back bars 3 1/2 x 3 1/2 x 50</i>		Thickness of remainder in Holds <i>✓</i>	<i>44</i>	
<b>STRENGTHENING OF BOTTOM FORWARD. State Particulars</b> <i>✓</i>	<i>Single framing = to double. add. intercostals. midship rule thickness bottom plating maintained.</i>	(Owners) + 03 on plating for 2 ft. and under for tank.	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? <i>✓</i>	<i>yes</i>	and in addition + 05 for Owners in Boiler space
<b>SINGLE BOTTOM.</b>			<b>BEAMS.</b>		
<b>Floors, Depth and thickness at mid-line in Holds</b> <i>✓</i>			<b>Uppermost Continuous Deck, amidships in Wells, Angle, [ or ]</b> <i>✓</i>	<i>8 3 1/2 41</i>	
Height of Brackets at side above base line at toe of frame <i>✓</i>			" " in way of Bridge, Angle, [ or ] <i>✓</i>	<i>31</i>	
<b>Middle Line Keelson, on Floors, Angles, [ or ]</b> <i>✓</i>			Spacing <i>✓</i>	<i>31</i>	
" " Through Plate or Intercostal Plate... <i>✓</i>			<b>Second Deck, amidships, Angle, [ or ]</b> <i>✓</i>	<i>8 1/2 3 42</i>	
" " Foundation Plate on Floors <i>✓</i>			Spacing <i>✓</i>	<i>31</i>	
" " Flat Plate Keel Angles <i>✓</i>			<b>Third Deck, amidships, Angle, [ or ]</b> <i>✓</i>		
<b>Side Keelsons, No. each side</b> <i>✓</i>			Spacing <i>✓</i>		
" " thickness of Intercostal Plate... <i>✓</i>			<b>Fourth Deck, amidships, Angle, [ or ]</b> <i>✓</i>		
" " Angles <i>✓</i>			Spacing <i>✓</i>		
<b>DOUBLE BOTTOM.</b>			<b>Poop Deck, Angle, [ or ]</b> <i>✓</i>		
<b>Solid Floors, thickness and spacing</b> <i>✓</i>	<i>42 @ 93 x 24 FE. 42 @ 31</i>	(Owners) 42 + 10 3 sps under 2 <sup>nd</sup> end of Engines & Thrust	Spacing <i>✓</i>		
" " (Partial) under Engines Are Frame and Reversed Frame joggled? <i>✓</i>			<b>Bridge Deck, Angle, [ or ]</b> <i>✓</i>		
<b>Bracket Floors, breadth and thickness at middle line</b> <i>✓</i>	<i>2'-9" 42</i>		Spacing <i>✓</i>		
" " breadth and thickness at margin plate <i>✓</i>	<i>2'-9" 42</i>		<b>Forecastle Deck, Angle, [ or ]</b> <i>✓</i>		
			Spacing <i>✓</i>		

MS28-0319.4



## 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>	<i>Three</i>				Stringer Plate, breadth and thickness in way of Bridge .....				
<i>Quarter</i> in 'tween Decks, Size and Spacing. <i>5</i> <i>8</i> <i>8</i> <i>40-56</i>	<i>5</i>	<i>8</i>	<i>8</i>		Thickness of Plating abreast Deck openings in way of Wells .....				
<i>6" line</i> " " " " " <i>5</i> <i>5</i> <i>50</i>	<i>5</i>	<i>5</i>	<i>50</i>		Thickness of Plating abreast Deck openings in way of Bridge .....	<i>34</i>	<i>to</i>	<i>31</i>	
<i>Quarter</i> in Holds " " " " " <i>5</i> <i>8</i> <i>8</i> <i>100</i>	<i>5</i>	<i>8</i>	<i>8</i>	<i>100</i>	Thickness of Plating within line of openings...	<i>34</i>	<i>to</i>	<i>31</i>	
" " " " " " <i>5</i> <i>8</i> <i>8</i> <i>96</i>	<i>5</i>	<i>8</i>	<i>8</i>	<i>96</i>	If Sheathed, material and thickness .....	<i>no</i>			
<b>Centre Line Bulkhead.</b>					<b>Third Deck.</b>				
Stiffeners and Spacing.....	<i>11</i>	<i>3 1/2</i>	<i>54</i>	<i>15</i>	Stringer Plate, breadth and thickness.....				
Plating, thickness of .....	<i>30</i>	<i>1</i>	<i>8</i>	<i>3 1/2</i>	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	<i>41</i>	<i>x</i>	<i>66</i>	<i>63 1/2</i>	If Plated, state thickness .....				
" " " " in way of Bridge				<i>63 1/2</i>	<b>Poop Deck.</b>				
" Angle in Wells .....	<i>6</i>	<i>6</i>	<i>62</i>		Stringer Plate, breadth and thickness .....				
Thickness of Plating abreast Deck openings in way of Wells .....	<i>59</i>	<i>to</i>	<i>40</i>	<i>56 1/2</i>	Plating, Sheathing, material and thickness ...				
Thickness of Plating abreast Deck openings in way of Bridge .....				<i>56 1/2</i>	<b>Bridge Deck.</b>				
Thickness of Plating within line of openings...	<i>41</i>	<i>to</i>	<i>36</i>		Stringer Plate, breadth and thickness.....				
If Sheathed, material and thickness .....	<i>no</i>				Plating, Sheathing, material and thickness ...				
<b>Second Deck.</b>					<b>Forecastle Deck.</b>				
Stringer Plate, breadth and thickness in Wells	<i>43</i>		<i>40</i>		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.		SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.	
	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>52</i>	<i>88</i>	<i>69</i>	<i>69</i>		<i>Double</i>	<i>1</i>	<i>3 7/8</i>	<i>4R to 3R</i>	<i>1</i>	<i>4</i>
" DBLG. (if any)											
BOTTOM PLATING, No. of Strakes .....	<i>78</i>	<i>63</i>	<i>63</i>	<i>50</i>	<i>appd. 60 + 03 Owners</i>	<i>Double</i>	<i>7/8</i>	<i>3 1/2</i>	<i>3R.</i>	<i>7/8</i>	<i>3 1/8</i>
BILGE PLATING, No. of Strakes .....	<i>68</i>	<i>63</i>	<i>51</i>	<i>51</i>	<i>do do do</i>	"	"	"	"	"	"
SIDE PLATING, No. of Strakes .....	<i>69</i>	<i>60</i>	<i>44</i>	<i>44</i>	<i>do do do</i>	"	"	"	"	"	"
UPPER DECK, Sheer-strake in Wells.....	<i>46</i>	<i>45</i>	<i>44</i>	<i>44</i>		"	"	"	<i>4R to 3R</i>	<i>1</i>	<i>4</i>
UPPER DECK, Sheer-strake in Bridge ...											
STRAKE BELOW Sheer-strake in Wells.....	<i>69</i>	<i>60</i>	<i>44</i>	<i>44</i>		<i>Double</i>	<i>7/8</i>	<i>3 1/2</i>	<i>3R.</i>	<i>7/8</i>	<i>3 1/8</i>
STRAKE BELOW Sheer-strake in Bridge ...											
POOP SIDE PLATING .....											
BRIDGE SIDE PLATING ...											
FORECASTLE SIDE PLATING											

## WATERTIGHT BULKHEADS.

<b>Total No. of W.T. BULKHEADS in Vessel—</b>			
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.
<b>MIDSHIP BULKH'D, Upper tween decks</b>					
" " Second "					
" " Third "					
" " Holds .....	<i>47-26</i>	<i>12</i>	<i>3 1/2</i>	<i>12</i>	<i>3 1/2</i>
<b>COLLISION</b> " (in Hold) .....	<i>42-30</i>	<i>7 1/2</i>	<i>3 1/2</i>	<i>24</i>	<i>5 8 3/4</i>
<b>AFTER PEAK</b> " " .....	<i>32-30</i>	<i>7</i>	<i>3</i>	<i>22</i>	

## 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>	<i>Forging</i>	<i>10" x 2 1/2"</i>		
<b>STERN FRAME</b>	Propeller Post .....	<i>10 1/2" x 8 1/2"</i>	<i>J. S. Forster</i>	
	Rudder " .....	<i>9" x 8 1/2"</i>	<i>Hons Ltd.</i>	
<b>RUDDER—A x D.....</b>		<i>142.96 x 3.443 = 496.5</i>		
<b>Speed of Vessel.....</b>		<i>10 1/2 knots</i>		
<b>RUDDER</b> mainpiece at head ...	<i>Forging</i>	<i>10 1/4"</i>	<i>J. S. Forster</i>	
		<i>7 3/4"</i>	<i>Hons Ltd.</i>	
" " heel ...				
" how constructed .....	<i>Built and arms shrunk on stayed.</i>			
" double or single plate .....	<i>Single 1.14</i>			
" coupling, vertical or horizontal .....	<i>Horizontal</i>			

<b>STEEL.</b>	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)			
	<i>Corbett I. C. South Durham I. C. Ltd. Bolchaw Vaughan I. C. Ltd. Open hearth process.</i>			
	<i>Dorman Long I. C. Ltd.</i>			
	Has the Steel been tested as required by the Rules? <i>yes.</i>			

© 2021

Lloyd's Register Foundation



EQUIPMENT No. 40376												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.	Cwts.			
59929	1st Bower ...	70	0	0	Stockless			53	15	0	0	68	Trojan	S. Taylor & Sons	Lepton 19.1.24.
59928	2nd " ...	69	2	21	"			53	12	2	0	68	"	"	" " "
59927	3rd " ...	59	0	7	"			47	15	0	0	58.2.0	"	"	" " "
	Collective weight.	198	3	0								194.2.0			W.A. Drysdale.
59931	Stream .....	31	0	7	Stockless			29	7	2	0	19.0.0	Trojan	S. Taylor & Sons	Lepton 20.1.24 W. Drysdale

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.	Statutory.	Breaking.	Supplied.	Per Rule.			Length.	Diam.					Length.	Cir.	Tons.	Length.	Cir.	
	Fathoms. Ins.	Tons.	Tons.	Cwts. qrs. lbs.	Cwts.			Fathoms. Ins.											
15110	240	2 5/16	96 1/4	133 3/4	422.0.21	420.3.0		240	2 5/16	shd link	S. Taylor & Sons	Sld. 13.1.24	TOWLINE	120	5 1/4	65	120	5 1/4	
												J.H. Butler	HAWSERS & WARPS	2.90	3 1/2	26	2.90	2 3/4	
15050	90	1 3/8	34	51	87.2.7	87.0.8		90	1 3/8	shd link	S. Taylor & Sons	Sld. 26.7.26	"	2.90	2 3/4	15 1/2	2.90	2 1/2	
												J.H. Butler	"						

Steering Gear, Steam *Donkin & Co* Steering Gear, Hand *Donkin's* secondary means of steering by tackle after which in lieu of Donkin's brake gear fitted.

Boats *2-24 ft (L) + 2-18 ft (Jolly)* Steering Chains, Size and Test *1 1/2"* Windlass *Steam. Emerson Walker & Thompson Bros Ltd.*

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

Cargo Hatchways. (Upper Deck) *Formed of steel plates & angles* Thickness of Hatches *2 1/2"*

Size of No. 1 Hatchway (Forward) *31'6" x 22'0"* No. 2 *31'0" x 22'0"* No. 3 *25'10" x 22'0"* No. 4 *10'4" x 22'0"* No. 5 *31'0" x 22'0"* No. 6 *28'5" x 22'0"*

Number of Shifting Beams and/or Fore and Afters *5 webs to No. 1, 2 & 5. 3 webs & trunk to No. 3. 1 web to No. 4. 4 webs to No. 6.*

Builder's Signature *E. Hunt & Short*

**GENERAL DECLARATION** *This vessel has been constructed in accordance with the approved plans, the Rules & Secretary's letters. The material and workmanship are good. The freeboard has been verified and the marks cut in on the vessels sides. The peak tanks, double bottom tanks including dry tanks under Boilers, deep tank, bulkheads, weather decks, tunnel, pumps & wat. doors have been satisfactorily tested. The windlass & steering gear have been tried under working conditions and found satisfactory.*

*The approved plans (9mths) are forwarded herewith together with midship section & profile as built and 2 certificates.*

*List of plans - midship section, Profile & decks, stern frame & rudder, Deep tank, Pillars & girders, Side bunkers, Bottom strengthening forward, Cantilever in lieu of hold pillar, Tween deck framing in E & B space.*

The amount of Entry Fee ..... £ *9* : : : Fees applied for, *3 MAY 1927*

Special Survey Fee.... £ *336* : *8* : : Received by me, *1/6/27*

*Freeboard 11'0"0*

Travelling Expenses, if any £ : : : I am of opinion the Vessel should be Classed *F100 A.1 Shell & with f.b.*

State whether the Vessel has been built under Special Survey *yes.* Signature *W.P. Hollings.*

Certificate to be sent to *SUNDERLAND* Date of issue *2/6/27* *W.P. Hollings*  
Surveyor to Lloyd's Register of Shipping.

Committee's Minute *TUES. 17 MAY 1927*

Character assigned *100 A.1 With Freeboard.*

*Lloyd's A & C.P. + L.M.C. 5.24 F.D.*

M528-0319 2/2





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.)

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

1st Bower

2nd "

3rd "

Head & Shank forged. Open hearth ingot steel.

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

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

Official No. *149817*; Signal Letters

Is bottom of Vessel coated with cement. if not g

particulars of composition *Portland cement.*

**PARTICULARS OF WATER BALLAST.—**

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Cap Tons.
Double bottom, aft,	<i>124.0</i>	<i>489</i>	Fore peak tank,	<i>21.5</i>	<i>89</i>
Double bottom, under Engines and Boilers,	—	—	After peak tank,	<i>24.0</i>	<i>185</i>
Double bottom, if under Engines only,	<i>28.4</i>	<i>136</i>	Deep tank, aft,	<i>23.25</i>	<i>998</i>
Double bottom, if under Boilers only, ( <i>long</i> )	<i>18.08</i>	—	Deep tank, forward,	—	—
Double bottom, forward,	<i>184.4</i>	<i>715</i>	Other tanks, if fitted,	—	—
Total capacity of double bottom	<i>1340</i>	—	(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 *5608*

Date *29.1.26*

Dates of Surveys  
held while building

*1926. Feb. 5. 10. 12. 16. 19. 23. 26. Mar. 18. 22. 24. 26. 30. Apr. 1. 7. 9. 12. 15. 19. 22. 23. 28. 30. M  
3. 5. 7. 10. 13. 14. 17. 19. 26. 28. June 1. 4. 7. 10. 16. 18. July 1. 27. Aug. 20. Sep. 6. Dec. 16. 17  
1927. Jan. 6. 10. 12. 14. 18. 20. 24. 28. 31. Feb. 1. 2. 3. 4. 10. 11. 15. 17. 18. 22. 24. 28. Mar. 1. 3. 7. 8. 11. 15.  
18. 21. 22. 24. Apr. 26.*

Total No. of Visits

*7*