

## STEEL STEAMER or MOTORSHIP.

Received at London Office 9 MAY 1929

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

4<sup>th</sup> May 1929

Port of

NEWCASTLE-ON-TYNE.

No.

84157

Survey held at

South Shields

Date First Survey

Nov. 19<sup>th</sup> 1928

Last Survey

May 1<sup>st</sup> 1929

On the

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

Single Screw Steamer **BRIKA**

Machinery amidships

State Type

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

Full Scantling

State Type of Erections

Prop. Bridge + Gunwale

TONNAGE under Tonnage Deck...

4094.46

CLASS

+ 100A1

State if with freeboard as condition of Class

No

Built at

South Shields

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 370-0

Breadth (greatest moulded)

B 52-1

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

D 28-3

1st Longitudinal Number (L x D) = 10452

2nd Numeral L x (B + D) = 29722

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

24-10 1/2

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

13.09

Do. Long Bridge to top of keel

10.49

Draught Moulded 22-11 1/2

Launched 26<sup>th</sup> March 1929 Yard No. 495

Builders John Readhead &amp; Sons Ltd

Owners La Tunisienne Steamer Navigation Co Ltd

Managers F.C. Stick &amp; Co Ltd

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

Residence

Port of Registry Swansea

If surveyed while building, afloat, &amp; in dry dock

Yes

## 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>	27		<b>Bracket Floors, Frame</b>		
" " from 1/2 length to Collision bulkhead	27		" " Reversed Frame		
" " in peaks	24		" " Vertical Struts		
<b>SIDE FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b>	41.50	
<b>Frame Amidships, Angle, [ or ]</b>	12 3 1/2 .49 NBS.		" " top Angles	3 3 .49	
" " Extends up to	Upper Deck		" " bottom Angles	4 4 .54	
<b>Reversed Frame Amidships, Angle</b>			<b>Side Girders, No. each side and thickness</b>	6 1/2 .42 .37	
" " Extends up to			<b>Margin Plate depth (excl. of flange) and thickness</b>	36 1/2 .47	
<b>Depth of Framing Girder</b>	12		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	6 6 .42	and as approved
<b>Frames in Uppermost Continuous 'tween Decks, Angle, [ or ]</b>			" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	6 6 .42	
" " <b>Second 'tween Decks, Angle, [ or ]</b>			" " Gussets, spacing and scantling abaft 1/2 len. from stem		
" " <b>Third " Bridge "</b>	6 3 1/2 .38		" " Gussets, spacing and scantling forward 1/2 len. from stem		
<b>Framing in Peaks, Angle or [</b>	7 1/2 3 .34		<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>	4 1/2 .44	
<b>Diameter and Spacing of Rivets through Frame and Shell Plating amidships</b>	7/8 6 1/4		<b>INNER BOTTOM PLATING.</b>		
<b>State if Frame Joggled</b>	Yes		<b>Breadth and thickness of Middle Line Strake</b>	77 .48	
<b>PANTING ARRANGEMENTS (Sec. 7), state system and particulars</b>	12 3 1/2 .70 [ NBS 7 3 1/2 .70 L 13" Girders		<b>Thickness of remainder in Holds</b>	.40	
<b>STRENGTHENING OF BOTTOM FORWARD. State Particulars</b>	Three Girders 4-0 apart		<b>Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. &amp; B. space and framing in Bunkers and Boiler Room?</b>	Yes	
<b>SINGLE BOTTOM.</b>			<b>BEAMS.</b>		
<b>Floors, Depth and thickness at mid-line in Holds</b>			<b>Uppermost Continuous Deck, amidships in Wells, Angle, [ or ]</b>	10 3 1/2 .57	
<b>Height of Brackets at side above base line at toe of frame</b>			" " in way of Bridge, Angle, [ or ]	9 1/2 3 1/2 .50	
<b>Middle Line Keelson, on Floors, Angles, [ or ]</b>			<b>Spacing</b>	27	
" " Through Plate or Intercoastal Plate			<b>Second Deck, amidships, Angle, [ or ]</b>		
" " Foundation Plate on Floors			<b>Spacing</b>		
" " Flat Plate Keel Angles			<b>Third Deck, amidships, Angle, [ or ]</b>		
<b>Side Keelsons, No. each side</b>			<b>Spacing</b>		
" " thickness of Intercoastal Plate			<b>Fourth Deck, amidships, Angle, [ or ]</b>		
" " Angles			<b>Spacing</b>		
<b>DOUBLE BOTTOM.</b>			<b>Poop Deck, Angle, [ or ]</b>	6 1/2 3 .36	
<b>Solid Floors, thickness and spacing</b>	42 27 .37		<b>Spacing</b>	24 4 27	
" " Are Frame and Reversed Frame joggled?	Yes		<b>Bridge Deck, Angle, [ or ]</b>	8 1/2 3 1/2 .40	
<b>Bracket Floors, breadth and thickness at middle line</b>			<b>Spacing</b>	27	
" " breadth and thickness at margin plate			<b>Forecastle Deck, Angle, [ or ]</b>	8 3 .40	
			<b>Spacing</b>	27 4 24	



	<b>PILLARS AND DECKS.</b>					
	INCHES IN SHIP.			Any Departure from Approved Plans to be Noted.		
<b>PILLARS</b> , No. of Rows.....	One	/				
" in 'tween Decks, Size and Spacing.....	2 $\frac{3}{4}$ 54	/				
" " " " "	- - -					
" in Holds " " 4' to 6"	54	/				
" " " " "	- - -					
<b>Centre Line Bulkhead.</b>						
Stiffeners and Spacing.....	- - -					
Plating, thickness of .....	- - -					
<b>STRINGERS AND DECKS.</b>						
<b>Uppermost Continuous Deck.</b>						
Stringer Plate, breadth and thickness in Wells	53 $\frac{1}{2}$ .88 '75					
" " " , in way of Bridge	53 $\frac{1}{2}$ .47 '38					
" Angle in Wells .....	6 C '75	/				
Thickness of Plating abreast Deck openings } in way of Wells .....	.77	/	.66			
Thickness of Plating abreast Deck openings } in way of Bridge .....	.54	/	.45			
Thickness of Plating within line of openings....	.49	-	.40			
If Sheathed, material and thickness .....	No	/				
<b>Second Deck.</b>						
Stringer Plate, breadth and thickness in Wells...	- - -					
Stringer Plate, breadth and thickness in way of Bridge .....	- - -					
Thickness of Plating abreast Deck openings }	- - -					
Thickness of Plating abreast Deck openings }	- - -					
Thickness of Plating within line of openings....	- - -					
If Sheathed, material and thickness .....	- - -					
<b>Third Deck.</b>						
Stringer Plate, breadth and thickness.....	- - -					
If Plated, state thickness.....	- - -					
<b>Fourth Deck.</b>						
Stringer Plate, breadth and thickness.....	- - -					
If Plated, state thickness .....	- - -					
<b>Poop Deck.</b>						
Stringer Plate, breadth and thickness .....	34 .37 .34	/				
Plating, <del>Sheathing</del> , material and thickness Steel	.33 .30	/				
<b>Bridge Deck.</b>						
Stringer Plate, breadth and thickness.....	54 .53 .44	/				
Plating, <del>Sheathing</del> , material and thickness Steel	.49 .40	/				
<b>Forecastle Deck.</b>						
Stringer Plate, breadth and thickness .....	34 .37 .34	/				
Plating, <del>Sheathing</del> , material and thickness Steel <i>Shackling P.P 5x3</i>	.31 .28 /					

SCANTLINGS.					RIVETING.									
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.					
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?	No	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 .....	48½	.73	.65	.65	✓			Double	1	4	Four	1	4	Lapped
" DBLG. (if any)	-	-	-	-				-	-	-	-	-	-	
BOTTOM PLATING, No. of Strakes <i>FOUR</i> ..}	69	.57	.45	.45	✓			Double	7/8	3½	Three	7/8	3½	Lapped
BILGE PLATING, No. of Strakes <i>ONE</i> ..}	52½	.57	.45	.45	✓			"	"	"	"	"	"	
SIDE PLATING, No. of Strakes <i>THREE</i> ..}	69	.57	.43	.43	✓			"	"	"	"	"	"	
UPPER DECK, Sheer- strake in Wells.....}	62½	.84	.43	.43	✓			"	1	4	Four	1	4	"
UPPER DECK, Sheer- strake in Bridge ...}	62½	.57	.43	.43	✓			"	7/8	3½	Three	7/8	3½	"
STRAKE BELOW Sheer- strake in Wells.....}	69	.74	.43	.43	✓			"	"	"	Four	1	4	"
STRAKE BELOW Sheer- strake in Bridge ...}	69½	.57	.43	.43	✓						Three	7/8	3½	"
POOP SIDE PLATING .....				.38	✓			Single	3/4	2½	One	3/4	2½	"
BRIDGE SIDE PLATING ...		.56			✓			Double	7/8	3½	Four	7/8	3½	"
FORECASTLE SIDE PLATING			.40		✓			Single	3/4	2½	One	3/4	2½	"

		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
<b>MIDSHIP BULKH'D,</b> Upper tween decks						
"	"	Second	"			
"	"	Third	"			
"	"	Holds .....	39	5 12x3 1/2x46	30	
<b>COLLISION</b>	"	(in Hold) .....	50	5 9x3x42	24	Semi Box Beam 4 KT Kat
<b>AFTER PEAK</b>	"	" .....	48	5 8x3x40	24	Semi Box Beam 4 5 1/2 x 3 x 46 - 0

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
<b>KEEL, Bar</b> .....	-	-	-	-
<b>STEM</b> .....	Forging	$9 \times 2\frac{1}{2}$	Ramsay	
<b>STERN FRAME</b> {	Propeller Post .....	"	$10 \times 7\frac{1}{4}$	Darlington
	Rudder " .....	"	$9 \times 7\frac{1}{4}$	
<b>RUDDER—A x D</b> .....				
<b>Speed of Vessel</b> .....				
<b>RUDDER</b> mainpiece at head ...	"	$9\frac{1}{4}$	Darlington	
" " heel ...		7		
✓ " how constructed .....	Built			
✓ " double or single plate	Single			
✓ " coupling, vertical or	Horizontal			
✓ " horizontal .....				

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

Has the Steel been tested as required by the Rules?

Open Heart  
- Solomon Vaughan

Lloyd's Register  
Foundation

the Surveyors are requested not to write o  
below the Committee's Minutes.



EQUIPMENT No. 30911										LETTER X	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.
31874	1st Bower ...	56	3	0	-	-	-	46	9	1	14	56-1-0	Stockless	Per Byers	Sld 4/3/29 Butler
31904	2nd „ ...	56	1	0	-	-	-	46	3	0	14	56-1-0	-	-	Sld 14/3/29 Butler
31926	3rd „ ...	47	2	14	-	-	-	40	17	3	7	47-2-0	-	-	Sld 19/3/29 Butler
	Collective weight.	150	2	14								160			
17762	Stream .....	15	0	14	4	0	0	16.6					Proger	Kundich	Cdf 3/1/29 Jones

# CHAIN CABLES.

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.		Length.	Cir.
32728	270	2 1/8	81 1/4	113 3/4	611-0-0	608 3/4		270	2 1/8	Slud	Kundich	Cdf 22/1/29 Jones	TOWLINE...	120	4 1/2	39	120	4 1/2
													HAWSERS & WARPS	2-90	2 1/2	12 1/2	2-90	2 1/2
													"	2-90	3	18	2-90	3
Stream	90	4 1/2	39					90	4 1/2	Certified by	Hook & Affie							

Steering Gear, Steam

8 1/2 x 10

Steering Gear, Hand

6 1/2 Dia

Boatswain's Life 26 x 8 x 3-3

Steering Chains, Size and Test

1 3/8 22-12-2-0

Windlass

Clarke Chapman

Ceiling in Holds, thickness and material

2 1/2 P.P.

Cargo Battens, thickness, material and spacing

6 x 2 W W 9" apart

Cargo Hatchways.-(Upper Deck)

Steel plates & angles

Thickness of Hatches

2 1/2

Size of No. 1 Hatchway (Forward)

24 3 x 20

No. 2 31-6 x 20

No. 3 31-6 x 20

No. 4 24 3 x 20

No. 5

No. 6

Number of Shifting Beams and/or Fore and Afters

No 1 & 4 Four

No 2 & 3 Two

Builder's Signature

J. M. H. Readhead

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel an oil tanker, is fitted for carrying oil as cargo

(b) whether the vessel, not being

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 Committee's instructions & the Society's Rules.

The workmanship & materials are good & to my satisfaction all double bottom tanks & peaks have been tested under pressure to rule requirements. All bulkheads (WT) weather decks & tunnel have been hose tested.

The assigned firebricks have been marked on vessels sides verified & cut in.

The approved plans & fittings inputs are attached

The amount of Entry Fee £ 295: 12: 0

Special Survey Fee £ 8: 0: 0

Travelling Expenses, if any £ 9: 3: 4

State whether the Vessel has been built under Special Survey

Fees applied for.

8 MAY 1929

Received by me,

10.5.29

I am of opinion the Vessel should be Classed +100 A1

Signature

By C. J. Ireland

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to

Newcastle-on-Tyne

Date of issue

13/5/29

Committee's Minute

FRI. 10 MAY 1929

Character assigned

+100 A1

Lloyd's A & CP

+ LMC 5.29

R. S. C.



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Lloyd's Register Foundation

0146 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 32-0-8 1/16 B. 6147 30-1-29  
2nd „ 32-2-3 K.H. 6265 21-2-29  
3rd „ 28-3-24 1/16 B. 6136 30-1-29

**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop 27.75 ft., R.Q.D. *N* ft., Bridge 103.5 ft., Forecastle 36.3 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) *One, Steel*

Official No. 143998 ; 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,	121-6	450	Fore peak tank,	18	135
Double bottom, under Engines and Boilers, 14 1/2	—	—	After peak tank,	18	115
Double bottom, if under Engines only,	22-6	90	Deep tank, aft,	—	—
Double bottom, if under Boilers only,	—	—	Deep tank, forward,	—	—
Double bottom, forward, 160	159-9	535	Other tanks, if fitted,	—	—
Total capacity of double bottom		1075	(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. 5308

Date

Dates of Surveys held while building

1928 Nov. 19. 22. 28. Dec. 7. 13. 24. 28. 1929 Jan. 3. 9. 15. 21. 30. Feb. 5. 12. 20. 26.  
Mar. 4. 13. 14. 18. 21. 22. 25. 26. Apr. 5. 12. 17. 19. 23. 24. 26. May 1.

Total No. of Visits 32.