

With or Without Disconnected Erections.

STEEL STEAMER.

Received at London Office

Date of completion of report
Survey held at

12 DEC 1919

Port of **SUNDERLAND**

No. **27688**

Date, First Survey

12 Dec 1918 Last Survey

10th December 1919

On the (State if Single, Twin, or Triple Screw)

single screw steamer **"BARRACOO."**

Rig **nm. (2 masts)**

TONNAGE under

CLASS ***100A1.**

FEET.

Master **Griffith Owen.**

Year of appointment

(1) As Master in service of
owner of present vessel—1918.
(2) As Master of this
vessel—1919.

Do. between Tonnage Dk.
and 3rd and 4th Dk.

Breadth (greatest moulded)..... **52'0"**

Total under Upper Dk. **455'6"**

Depth, at middle of length from top of keel to top of
upper deck beams at side..... **31'0"**

Do. of Poop

Transverse Number..... **83'0"**

Do. of R.Q.Dk.

Do. of Bridge House

Do. of Forecastle

Do. of Houses on Dk.

Do. of excess of Hatchways

Do. above Crown of

Engine Room ..

Gross Tonnage

Place

Room of

FEES..

Room

ion Spaces

tonnage

eam ..

Depth "d," at middle of length (See Secs. 2 & 13) **18'16"**

Proportions—Depths to Length—Upper Deck Beam at
side to top of keel } **12'90"**

" " Long Bridge Deck
Beam at side to top of keel } **10'26"**

Destined Voyage **West Coast Africa.**

If Surveyed while Building, Afloat, or in Dry Dock. **Yes.**

on Deck	Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid
rule	400	0	Moulded	52	0	Do. do. do. do. Second Dk. Beams	28	6	two
							19	3	No. of Tiers of Beams two

Moulded depth, ft. **38** ins. **11½** To Bridge Dk. Round of Upper } **13** ins.
Moulded depth, ft. **31** ins. **0** To Upper Dk. Dk. Beam, Actual }

FRAMING.						PILLARS.					
	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approv.	Inches per Rule Or as Approv.		Inches in Ship.	Inches Spacing in Ship.	Inches per Rule Or as Approv.	Inches per Rule Or as Approv.	
Angles, or E or L Bars amidships	10	3½	48	10	3½	48	PILLARS In 'tween Deck, size and spacing				
peaks	8	3	4	8	3	4	" " Hold " "				
way of Double Bottoms at Solid Floors...	3½	3½	4	3½	3½	4	" " Quarter 'tween Dks. " "				
" " L at intermdt. Bkts.	9	3½	42	9	3½	42	" " in Hold " "				
Frames from centre to centre amidships	26			26			also built pillars as per approved plan.				
" " " from ½							Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
" " " length to Collision bulkhead	24			24			Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
" " " in peaks..	24			24			Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
SED FRAME, Angles.....	Ball angle framing in line.						Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
way of Double Bottoms at Solid Floors...	3½	3½	4	3½	3½	4	Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
" " L at intermdt. Bkts.	8	3	46	8	3	46	Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
NG, depth of girder	10			10			Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
S, depth and thickness of Floor Plate							Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
at mid-line for ½ length amidships...							Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
way of Engine and Boiler Spaces							Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
ickness at the ends of vessel							Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
pth at ½ the half breadth, as per Rule ...							Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
eight extended at the Bilges							Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
S in Cell. Double Bottoms.....	42	50	B.R.	42	50	B.R.	Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
state if flanged (top & bottom).....							Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
Spacing of Solid floors							Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
E GIRDER, in Dbl. bottom, dpth. & thknss.	43	5	68	43	5	68	Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
" " Angles, Top	6	6	66	6	6	66	Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
" " Bottom.....	6	6	66	6	6	66	Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
" " to Floors	6	6	66	6	6	66	Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
Brackets at intermdt. frmng., wdth & thknss	39	42	52	39	42	52	Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
IRDERS, number on each side & thickness	one	42	52	one	42	52	Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
" state if flanged (top and bottom)	yes in hold.						Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
" Angles (top and bottom)	3½	3½	40	3½	3½	40	Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
" " to Floors.....	3½	3½	4	3½	3½	4	Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
N PLATE, depth (exclusive of flange))	40½	48	58	40½	48	58	Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
and thickness							Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
" Angle to Outside Plating.....	4	4	48	4	4	48	Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
" " Floors	6	6	66	6	6	66	Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
Brackets at intermdt. frmng., wdth & thknss	39	42	52	39	42	52	Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
Height of Outside Brackets above at bilge	50			50			Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
BOTTOM PLATING, breadth and	66	48	56	66	48	56	Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
thickness of Middle Line Strake	48	56		48	56		Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
" " in Engine and Boiler space	42			42			Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
" " Remainder in Holds.....	42			42			Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
S, Upper Deck, Single Angle, Bulb	10	3½	4½	10	3½	4½	Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
Angle, Plate, Tee Bulb, or Channel							Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
In way of Long Bridge							Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
Spacing	Every frame.			Every frame.			Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
S, Second Deck, Single Angle, Bulb	10	3½	58	10	3½	58	Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
Angle, Plate, Tee Bulb, or Channel							Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
Spacing	Every frame.			Every frame.			Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
S, Third and Fourth Deck, Single Angle,							Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
Bulb Angle, Plate, Tee Bulb, or Channel							Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
Angles on upper edge							Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
Spacing	Every frame.			Every frame.			Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
BEAMS, Poop Deck, Angle, Bulb Angle, Plate,	8	3	4	8	3	4	Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
Tee Bulb, or Channel							Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
" Angles on upper edge							Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
" Spacing	Every frame.			Every frame.			Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate,	9	3½	52	9	3½	52	Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
Tee Bulb, or Channel							Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
" Angles on upper edge							Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
" Spacing	Every frame.			Every frame.			Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
BEAMS, Forecastle Deck, Angle, Bulb Angle,	9	3½	46	9	3½	46	Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
Plate, Tee Bulb, or Channel							Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
" Angles on upper edge							Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				
" Spacing	Every frame.			Every frame.			Inches in Ship. Inches Spacing in Ship. Inches per Rule Or as Approv.				

[illegible]

EQUIPMENT No. 3474				LETTER Y				ANCHORS.				TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS																											
Number of Certificate.		Anchors.		WEIGHT, EX. STOCK		WEIGHT OF STOCK		TEST, PER CERTIFICATE.		WEIGHT REQUIRED BY TABLE 31.		Description of Anchor		Makers.		Where and when tested and Superintendent.																							
24091		1st Bower		60 3 14		Steelplate		48 15 2 0		60 0 0		Byers Steelplate		not stated		J. Lad, 25-6-19, J. Hoffmann																							
24092		2nd "		60 3 0		"		48 15 0 0		60 0 0		"		"		" 16-4-19																							
24094		3rd "		51 3 14		"		43 10 3 21		50 2 0		"		"		" 26-6-19																							
23719		4th "		143 2 0		"		140 2 0		140 2 0		"		"		"																							
23719		Stream		16 0 4		4 2 4		14 9 2 21		16 1 0		Common		"		J. Lad, 25-6-19, J. Hoffmann																							
24342		Kedge		4 0 4		1 3 4		9 4 0 21		4 0 0		"		"		" 20-6-19																							
Particulars of Drop Test of Cast Steel Anchors, viz.:-																1st Bower		38-3-0. G.E.H. 6831. 4-3-19.																					
Weight, Surveyor's Initials, Number of Certificate, Date of Test.																2nd "		38-2-14. 6836.																					
																3rd "		32-2-4. 6862 28-3-19.																					
																4th "																							
CHAIN CABLES.																HAWERS AND WARPS.																							
Number of Certificate.		Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length and Size per Table 31.		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 31.																	
		Length. Diam.		Stain. Break. ing. Tons. Tons.		Supplied. Per Rule.		Length. Diam.										Length. Cir.		Fathoms. Ins.		Length. Cir.																	
12126		240 2 3/4		86 1/2 100 1/2		661 2 0 645 3 0		240 2 3/4		Steel cable		J. Lad, 25-6-19, J. Hoffmann		J. Lad, 25-6-19, J. Hoffmann		TOWLINE		120 4 1/2		44 1/2		120 4 1/2																	
Iron Stream Chain		90 1 1/2		44 1/2				90 1 1/2		"		"		"		HAWERS & WARPS		20 90 2 1/2		15 1/2		20 90 2 1/2																	
Steel Wire																																							
Boats 4 lifeboats (mod) 24'0".																Steering Gear, Steam Motor Pump type by J. Hoffmann								Steering Gear, Hand (none 28' means of sailing)															
Pumps, Number 1 No. via Dorrington and pump to chain cable																Diameter of Barrel 5 3/8								State whether they are in efficient working order Yes.															
Windlass is chain by Cairns, Miller & Thompson, Brier																Capstan none.																							
Engine Room Skylights.—How constructed? Steel plates and angles.																What arrangements for deadlights in bad weather? Steel plates with bulls' eyes.																							
Coal Bunker Openings.—How constructed? Steel plates and angles.																How are lids secured? battens, tarpaulins & chains								Height above deck? 1-6.															
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. Six on each side. Six freeing ports 4-0 x 1-5, and 2 @ 3-0 x 1-3 on each side of vessel.																																							
Ceiling in Holds, thickness and material 2 1/2 white wood over bales (none on tank top).																Cargo Battens, thickness and material 2 white wood in holds and lower decks.																							
Cargo Hatchways.—How formed? Steel plates, angles, bulk angles &c.																Hatches, If strong and efficient? Yes.																							
State size No. 1 Hatch (Forward) 32-6 x 20-0																No. 2 Hatch 34-8 x 20-0								No. 3 Hatch 34-8 x 20-0								No. 4 Hatch 28-2 x 20-0							
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch Six to 1 1/4 x 3 1/2, five in R 4.																																							
Bulwarks, height above deck and description 3-9 steel with stays 6-3 x 38 steel angle																Main Rail, material and size 6-3 x 1/4 steel built angle.																							
The foregoing is a correct description.																Surveyor's Signature Samuel Rushall								Surveyor to Lloyd's Register of Shipping.															
Builder's Signature (here only)																																							
Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case)																																							
Workmanship. Are the butts of plating planed or otherwise fitted? Yes.																																							
Is the riveted work properly closed? Yes.																																							
Are the liners between the frames and plates solid single pieces? Yes.																Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? Yes.								Are the rivet holes well and sufficiently countersunk in the plate and punched from the facing surfaces? Yes.															
Are the butts of Plating, Stringers, &c., properly shifted and staggered? Yes.																Do any rivets break into or through the seams or butts of the plating? A few.																							
Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? Yes.																State results of tests Satisfactory.																							
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? Yes.																State results of tests Satisfactory.																							
General Remarks (State quality of workmanship, &c.) This vessel was converted from an A Type Standard ship to a class B Type by the addition of a second deck in the holds. She has been built in accordance with the approved plans and the rules, and the materials and workmanship are good. A Dorrington pump is fitted in the vessel. Approved plans of this ship Section and Profile also Firing Certificates are forwarded herewith.																																							
The Surveyor should state the Number of Report and Name of any Sister Vessel.																																							
Plans to be forwarded with F.E. Report showing vessel as built.																																							
The amount of Entry Fee £ 5 : 0 : 0																Fees applied for, 11.12.1914								Certificate to be sent to LONDON. Date of issue 6.1.20.															
Special Survey Fee £ 148 : 3 : 6																Received by me, 13/12/1914																							
Travelling Expenses, if any £ :																																							
State whether the Vessel has been built under Special Survey Yes.																																							
I am of opinion this Vessel should be Classed 100A1. Steel, L.A.N.C.A.																								Samuel Rushall															
With, or without Freeboard, as condition of Class without.																								Surveyor to Lloyd's Register of Shipping.															
Committee's Minute FRI. 19 DEC. 1919																																							
Character assigned 100A1																																							
Lloyd's A.R.C.P. + L.M.C. 12.19 F.D.																																							

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 49.3 ft., ~~R.Q.D.~~ ft., Bridge 113.4 ft., Forecastle 38.8 ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated no.

Official No. 143914; Signal Letters . State if Machinery is fitted aft no. —
How are the surfaces preserved from oxidation? Inside Current in double bottom tanks, peaks and bilges, paint elsewhere. Outside paint

Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	131.3	331	Fore peak tank,	21.4	134.
Double bottom, under Engines and Boilers,	39.0	156	After peak tank,	24.4	213.
Double bottom, if under Engines only,	✓	✓	Deep tank, aft,	✓	
Double bottom, if under Boilers only,	✓	✓	Deep tank, forward,	✓	
Double bottom, forward,	149.8	540	Other tanks, if fitted,	✓	
Total capacity of double bottom		1054	(If necessary, furnish further information by sketch.)	✓	

* The wells are not to be included in the lengths of the tanks.

State whether the above have been tested as required by the Rules. yes.

Order for Special Survey No. *5409*

Date 22.5.19

No. *310* in builder's yard.

DATEs of Surveys
held while building

1919 Dec. 12, 14, 19, 23, 30. Jan. 8, 15, 22, 28. Feb. 4, 7, 13, 20. Mar. 6, 13, 26. Apr. 1, 8, 20. May, 1, 14, 22, 28.
June 12, 18, 22. July 11, 21, 25, 30. Aug. 6, 8, 11, 12, 14, 15, 19, 21, 22, 25, 26, 28. Sept. 4, 9, 20, 26. Oct. 5, 13, 15, 17, 20, 27.
Nov. 3, 7, 11, 11, 26, 27, 28. Dec. 1, 6, 24, 5, 8, 9, 11.

Total No. of Visits 66

Surveyor's Signature

Samuel Eushall.

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Total No. of Visits
Eushall.
Lloyd's Reg
Foundation