

With or Without Disconnected Erections.

STEEL STEAMER.

Received at London **17 OCT. 1922**

State if Report is also sent on the Machinery of the Vessel *Yes*

Date of completion of report
Survey held at

16/10/22

Port of **NEWCASTLE-ON-TYNE**

Date, First Survey *5 May 1921*

Last Survey *12 October*

19 22

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

Single Sc. Steamer **"BRITISH SERGEANT"**

Rig **Schooner**

TONNAGE under

CLASS **100A1** *carrying petrol*

Master **Piper**

Tonnage Deck

Year of appointment

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

Breadth (greatest moulded) **53.75**

Total under Upper Dk. **5389.22**

Depth, at middle of length from top of keel to top of upper deck beams at side **33.00**

Do. of Poop **117.67**

Transverse Number **86.75**

Do. of R.Q. Dk. **161.83**

Length on deck from fore part of stem to after part of stern post **400.0**

Do. of Bridge House **92.35**

Longitudinal Number **34700**

Do. of Houses on Dk. **104.23**

Depth "d," at middle of length (See Secs. 2 & 13) **22.58**

Do. of excess of Hatchways **28**

Proportions—Depths to Length—Upper Deck Beam at side to top of keel **12.12**

Do. above Crown of Engine Room **1877.79**

" " Long Bridge Deck Beam at side to top of keel

Gross Tonnage **5868.10**

Less Crew Space **296.33**

Less above Crown of Engine Room **307.14**

TONNAGE FOR FEES

Less Engine Room **1877.79**

Less Navigation Spaces **307.14**

TOTAL DEDUCTIONS **3386.81**

Register Tonnage **2481.29**

as cut on Beam

Destined Voyage **Suez Canal + Persian Gulf**

If Surveyed while Building, Afloat, or in Dry Dock **all three**

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH—Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid	No. of Tiers of Beams
	400	0		53	9		32	8 1/2	Two	Two
						Do. do. do. do.	25	2 1/2		

Dimensions of Ship per Register, Length **400.6** breadth **54.23** depth **32.7** Moulded depth, ft. **41** ins. **0** To Bridge Dk. Round of Upper Dk. Beam, Actual **13 1/4** ins. Moulded depth, ft. **33** ins. **0** To Upper Dk.

FRAMING.						PILLARS.					
FRAME, Angles, or Bars amidships						PILLARS In 'tween Deck, size and spacing					
Do. in peaks						" " Hold					
Do. in way of Double Bottoms at Solid Floors						" " Quarter 'tween Dks.					
" " " B.A. at intermdt. Bkts.						" " in Hold					
Spacing of Frames from centre to centre amidships						KEELSONS & STRINGERS.					
" " " from } length to Collision bulkhead						CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate					
" " " in peaks						" Rider Plate					
REVERSED FRAME, Angles						" Flat Plate Keel Angles					
Do. in way of Double Bottoms at Solid Floors						" Horizontal Plates on Floors					
" " " at intermdt. Bkts.						" Angles or Bulb Angles					
FRAMING, depth of girder						SIDE KEELSONS, Number					
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships						" Angles or Bulb Angles					
" in way of Engine and Boiler Spaces						" Plate above floors, for whole length					
" thickness at the ends of vessel						" Intercoastal Plate, for whole length					
" depth at 1/2 the half breadth, as per Rule						" Attached to outside Plating with Angle					
" height extended at the Bilges						BILGE KEELSON, Angles					
FLOORS in Cell. Double Bottoms						" Intercoastal Plate for length					
" state if flanged (top & bottom)						" Attached to outside Plating with Angle					
" Spacing of Solid floors						SIDE STRINGERS, Number					
CENTRE GIRDER, in Dbl. bottom, dpth. & thickness						" Angle					
" Angles, Top						" Intercoastal Plate, for length					
" Bottom						" Attached to outside plating with Angle					
" to Floors						Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)					
" Brackets at intermdt. frmg., wdth & thkns						" " " " (in way of Bridge)					
SIDE GIRDERS, number on each side & thickness						" " " Angle (clear of Bridge)					
" state if flanged (top and bottom)						" Tie Plate at sides of Hatchways					
" Angles (top and bottom)						" Deck. Iron or Steel, for oil lng.					
" to Floors						" Thickness (clear of Bridge)					
" " " " (in way of Bridge)						" Wood Deck. Material & thickness					
MARGIN PLATE, depth (exclusive of flange) and thickness						Second Deck Stringer Plate, br'dth & thickness					
" Angle to Outside Plating						" Angles on ditto, No. one in oil					
" Floors						" Tie Plates outside Hatchways					
" Brackets at intermdt. frmg., wdth & thkns						" Deck. Iron or Steel, for oil lng.					
" Height of Outside Brackets above at bilge						" Wood Deck. Material & thickness					
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake						Third Deck Stringer Plate, br'dth & thickness					
" in Engine and Boiler space						" Angles on ditto, No.					
" Remainder in Holds						" Tie Plates, outside Hatchways					
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel						" Deck. Material and thickness					
" In way of Long Bridge						Fourth and Fifth Deck Stringer Plate, breadth & thickness					
" Spacing						" Angles on ditto, No.					
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel						" Tie Plates outside Hatchways					
" Spacing						" Deck. Material & thickness					
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel						Poop Deck Stringer Plate, breadth & thickness					
" Angles on upper edge						" Angle on ditto					
" Spacing						" Tie Plates					
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel						" Deck. Material and thickness					
" Angles on upper edge						Bridge Deck Stringer Plate, br'dth & thickness					
" Spacing						" Angle on ditto					
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel						" Tie Plates					
" Angles on upper edge						" Deck. Material and thickness					
" Spacing						Forecastle Deck Stringer Plate, br'dth & thickness					
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel						" Angle on ditto					
" Angles on upper edge						" Tie Plates					
" Spacing						" Deck. Material and thickness					

WEB FRAMES.				Inches in Ship.		Inches per Rule.		FORGINGS or CASTINGS.		Inches in Ship.		Inches per Rule.	
WEB-FRAMES, in Fore Body, No. and spacing				2	as plan	24	46	KEEL, Bar, depth and thickness		10 1/2 x 2 3/4	10 1/2 x 2 3/4		
" " " brdth. & thickness						24	46	STEM, moulding and thickness		10 1/2 x 2 3/4	10 1/2 x 2 3/4		
" " " No. of Side Stringers						24	46	STERN-POST for Rudder do. do.		9 x 8	9 x 8		
WEB-FRAMES, in E. & B. Space, No. & spacing						24	46	" for Propeller		10 1/2 x 8	10 1/2 x 8		
" " " brdth. & thickness						24	46	RUDDER—A x D* Table 22. Speed 11 1/2		504.97	504.97		
WEB-FRAMES, in After Body, No. and spacing						24	46	" Main-Piece, diameter at head		11	11		
" " " brdth. & thickness						24	46	" " " at heel		8 1/4	8 1/4		
" " " No. of Side Stringers						24	46						
" " " Size of Face Angles to Web-Frames						24	46						
BRACKET PLATES to Stringers between Web Frames, depth and thickness						24	46						

BULKHEADS.		STIFFENERS.		Single or Double Frames.		Height up, state deck.	
Number.	Thickness.	Horizontal.	Vertical.	Size.	Spacing.	Size.	Spacing.
W.T. BULKHEADS							
SEE SEPARATE SHEET.							
" COLLISION "							
PARTITION "							
LONGITUDINAL "							
Are the outside Plates doubled two spaces of Frames in length? No. Lower plates on outside strakes in use							
Are the Sluice Valves and Watertight Doors in efficient working order? Yes							
RUDDER, how constructed Single Plate Forged arms shrouded on deck head coupled							
" Thickness of Plates or Single Plate 1-10"							
Can the Rudder be unshipped afloat? Yes							
Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, Plating, &c.? Dorman Long, Cornhill Co. Spencer, Corp Fleet, Palmers Co.							
Has the Steel been tested as required by the Rules? Yes							

PLATING.										RIVETING.														
AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES, Ordinary or jogged?				BUTTS.														
STRAKES.		AMIDSHIP.		FORWARD.		AFT.		AMIDSHIP.		Single or Double.		Breadth of Lap.		RIVETS.		Double or Treble and for what Length.		RIVETS.		STRAIPS.		IF LAPPED.		
Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Single or Double.	Breadth of Lap.	Diam.	Spacing or to cr.	Diam.	Spacing or to cr.	Diam.	Spacing or to cr.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	For what Length.	
FLAT PLATE KEEL.....	47	96	80	80	47	96				double	6 1/4	1 1/8	3 1/4	2 1/2	1 1/8	5								
(If Bar Keel, state Riveting.)																								
GARBOARD OR A Strake	66	62	58	64	62						5 1/4	7/8	3 1/4	2 1/2	7/8	4								
State actual thickness in way of Double Bottom.																								
B	65	62	48	64	62																			
C	65	62	48	64	62																			
D	60	62	48	64	62																			
E	81	62	48	64	62																			
F	63 1/2	62	48	64	60																			
G	65 1/2	60	46	64	60																			
H	65 1/2	60	46	64	60																			
J	65 1/2	60	46	46	60																			
K	59	60	46	46	60																			
L	47 1/2	76	46	46	72																			
M	56	96	60	46	86																			
N																								
O																								
P																								
Q																								
R																								
S																								
T																								
U																								
V																								
W																								
THICKNESS OF SHEER STRAKE CLEAR OF LONG BRIDGE DO. OF STRAKE BELOW DBLG. OF FLAT PLATE KEEL																								
" Sheerstrakes 24 x 96																								
" Length and thickness. at foot and measured sheer																								
POOP SIDES 50 x 42																								
SHORT BRIDGE SIDES 50 x 42																								
FORECASTLE SIDES 50 x 42																								

Where a long bridge is fitted the thickness of Upper Deck Sheerstrake and Strake below should also be stated clear of same.

Upper Deck Stringer Plate		Butts, riveted for		length amidship.		Butts of Side Stringers		riveted.	
Straps, single, double or overlapped for		3/5				Tie Plates		riveted.	
Second Deck Stringer Plate		Butts, riveted for		length amidship.		Inner Bottom Plating, riveting of Edges		double Butts Treble	
Straps, single or overlapped for		in oil & aft forward				Centre Girder Butts, riveted.		Keelson Butts, riveted.	
						Frames, riveted through Plates with		in Rivets, about apart.	
						Rivets, state whether Iron or Steel		Iron	

FRAMES extend in one length from keel to gunwale

REVERSED FRAMES on floors and frames extend from across floors

State if ordinary or jogged jogged

State if ordinary or jogged jogged

MASTS, SPARS, &c.											
	Material.	Total Length.	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.		RIVETING.	
			At Partners.	Heel.	Hounds.	Head.		Number.	Size.	Seams.	Butts.
LOWER MASTS.....	Fore	51-3"		22		18 1/2	2			Single	Treble
	Main	53-6"		22		18 1/2	2				
	Mizen										
Bowsprit											
Topmasts, Yards and Remainder of Spars											
Rigging, Material and Size, Shrouds 6 each Mast 3 1/2 5 wire											
Sails. Suit of											
Stays 2 1/4 and 4" steel wire											
Sails, and the following spare sails											

SS. "BRITISH SERGEANT" NWC REPORT NO 76051

- BULKHEADS -

Framing Frames Frames Deck	No	PLATING.	HORIZONTAL STIFFENING	SPACING	VERTICAL STIFFENING	SPACING	FRAMES SINGLE OR DOUBLE	HEIGHT
A PEAK 8+11	46, 38, 34, 32, 30	✓	FLAT & SEMI-BOX BEAM	✓	9x3 1/2 x .48 BA 6x3 x .40 angle	24"	SINGLE	U.D.K.
49								
50								U.D.K.
52								U.D.K.
54								2 ND DK (TANK)
56								U.D.
58								2 ND DK (TANK)
60								U.D.K.
62								
64								
66								
68								
70								
72								
74								
76								
78								
80								
82								
84								
86								
88								
90								
92								
94								
96								
98								
100								

Bulkhead plating & stiffeners in oil spaces increased at ends as required by appo? plans where depth increased by sheer.
10 BULKHEADS TO U.D.K., 6 TO 2ND DK.

This vessel has been built in accordance with the approved plans & the Society's rules. The workmanship and materials are good and to my satisfaction. In witness whereof I have signed these particulars and the approved plans at the Surveyor's Office, London, this 10th day of May 1914.

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.

EQUIPMENT No. 36360				LETTER Z				ANCHORS.				TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS					
Number of Certificate.	Anchor.	WEIGHT, EX. STOCK			WEIGHT OF STOCK			TEST PER CERTIFICATE				WEIGHT REQUIRED BY TABLE 31.		Description of Anchor.	Makers.	Where and when tested and Superintendent.	
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.			
26959	1st Bower	71	0	14				54	10	0	0	63	3	0	Byers Stockless	-	5th, 19/12/21, Haffner
27037	2nd "	63	1	14				50	5	0	0				" "	-	" 1/3/22 "
27015	3rd "	54	3	0				45	4	1	14				" "	-	" 14/4/22 "
	4th "																
	Collective weight.	189	1	0								182	0	0			
37354	Stream	18	0	10	4	3	0	19	2	0	21				Rodgers		C. Heath 29-3-22. Paul
-	Kedge.....																

U Patent state Name of Patentee

Stockless, state Mechanical Tests.

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

1st Bower 14 41-0-7 incl³ pin 45-2-0 D.D.W. SLD 4826 28-11-21.
2nd " 36-036 39-2-14 T.P. Mdb 4627 2-9/2/22.
3rd " 32-955 36-2-0 T.P. " 4529 14-22/9/22.
4th "

		CHAIN CABLES.				HAWSERS 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.
	Length. Diam.	Statio- tory.	Break- ing.	Supplied.	Per Rule.	Length. Diam.			
32563	15 2 1/2	91-2-20	127 1/2	37-2-0				stud	C. Heath, 29-3-22, Paul
32564	15 2 1/2	"	"	37-2-5				"	" " "
32565	15 2 1/2	"	"	38-3-26				"	" " "
Iron Stream Chain or Steel Wire	90 4 3/4		47			90 4 3/4		steel wire	Newall & Son

Boats 4-24' Life boats, 1-18' cutter, 1-18' dinghy. Steering Gear, Steam *Hole shown Patent (Halse)* Steering Gear, Hand Tackle to which
Pumps, Number 1 duplex Diameter of Barrel 10 State whether they are in efficient working order
Windlass is *Commons Walker & Thompson* Capstan
Engine Room Skylights.—How constructed? *Steel plates & angles* What arrangements for deadlights in bad weather? *Bells eyes in hinged flaps*
Coal Bunker Openings.—How constructed? — How are lids secured? — Height above deck? —
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. *upper deck 6 ports, 7 std, Ports 9 & 10 side 3' x 1' 6" elliptical.*
Ceiling in Holds, thickness and material Cargo Battsens, thickness and material *3" Cope iron in fore tween decks*
Cargo Hatchways.—How formed? *Steel plates and angles* Hatches, If strong and efficient? *Yes.*
State size No. 1 Hatch (Forward) *8' 10" x 12"* No. 2 Hatch No. 3 Hatch No. 4 Hatch
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch *No. 1 hatch, 1 web plate*
No. of Breasthooks *Four & deck* No. of Crutches *deep floors*
Bulwarks, height above deck and description *steel plate* Main Rail, material and size *6 x 3 1/2 x 40 B.A.*
The foregoing is a correct description
Builder's Signature (here only) *Ros. S. Simpson* Surveyor's Signature *Ch. Brown* Surveyor to Lloyd's Register of Shipping.

Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case) *3-11-20, 3-12-20, 4-12-20, 6-12-20, 10-12-20, 15-12-20, 20-12-20, 27-1-21, 28-1-21, 5-2-21, 4-3-21, 18-3-21, 23-3-21, 27-5-21, 29-11-21, 18/6/22*

Workmanship. Are the butts of plating planed or otherwise fitted? *planed - lapped*
Is the riveted work properly closed? *Yes*
Are the liners between the frames and plates solid single pieces? *Joisted frames, solid liners at ribs* 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 faying surfaces? *Yes* Do any rivets break into or through the seams or butts of the plating? *a very small number*
Are the butts of Plating, Stringers, &c., properly shifted and strapped? *Yes - lapped*
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.)

CABLE CONTINUED									
32567	15	2 1/2	91-2-20	127 1/2	37-2-0			stud	C. Heath, 29-3-22 Paul
32568	15	2 1/2	"	"	38-3-22			"	" " "
32569	15	2 1/2	"	"	38-2-12			"	" " "
32742	15	2 1/2	"	"	39-1-14			"	" " "
32743	15	2 1/2	"	"	39-0-5			"	" " "
32571	14 1/2	2 1/2	"	"	38-0-26			"	" " "
32973	135	2 1/2	"	"	345-0-14			"	" " "
TOTAL	269 1/2				691-3-14	682-1-0	270	2 1/2	
2 attachment 69935					6-0-4			open	Paulson 20-3-22 from

This vessel has been built in accordance with the approved plans, the Committee's instructions & the Society's rules. The workmanship and materials are good and to my satisfaction. In way

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.

Freeboard Fee £ 11 : 0 : 0 Fees applied for, *in duplicate*
The amount of Entry Fee £ 9 : 0 : 0 *9/10/22* Certificate to be sent to *this office* Date of issue *24/10/22*
Special Survey Fee £ 520 : 1 : 0 Received by me, *yes*
Travelling Expenses, if any £ : : *yes*
State whether the Vessel has been built under Special Survey *yes*
I am of opinion this Vessel should be Classed *+100A1 Carrying petrol in bulk*
With, or without Freeboard, as condition of Class *without* Surveyor to Lloyd's Register of Shipping. *Ch. Brown*

Committee's Minute *1UE. 24 OCT. 1922*
Character assigned *700A1*
carrying petrol in bulk
Lloyds a.s.b. Co.
Wrio Hec.
+ Ldb. 10.22
F.D. O.G.
Lites for oil fuel 10.22
F.P. above 100
2019

GENERAL REMARKS—(continued).

of oil spaces vessel is built on the longitudinal system of framing at the ends the vessel is framed transversely. All oil cargo tanks oil fuel tanks, settling tanks, cofferdams & waterballast tanks have been tested in accordance with the rules. Only a fillet of cement (at seams & rivets) is laid on inside of bottom in oil spaces elsewhere cement is laid as usual. The vessel is fitted for burning liquid fuel heating coils in tanks have been tested as per rule & all requirements of Section 49 of rules have been carried out. All approved plans & drawings section as built are forwarded herewith. They are desired to be returned here for use in completion of sister vessel.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 122 ft., R.Q.D. — ft., Bridge 34 ft., Forecastle 49 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *not joined*

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given *Excess of* should appear in the Register Book) 2 dks (all)
Official No. 146644; Signal Letters
How are the surfaces preserved from oxidation? Inside *part cement* Outside *Paint* State if Machinery is fitted aft *Machinery aft*

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors *Cellular in E.H.*

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		
Double bottom, if under Engines only, <i>Feed water</i>	2	2	Deep tank, aft,		
Double bottom, if under Boilers only, <i>oil fuel.</i>			Deep tank, forward, <i>ballast or oil fuel</i>	40-4 1/2	560
Double bottom, forward,			Other tanks, if fitted,		
			(If necessary, furnish further information by sketch.)		
			State whether the above have been tested as required by the Rules <i>yes</i>		

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

Order for Special Survey No. 4972
Date 15.9.21
No. 931 in builder's yard.
DATES of Surveys held while building
1921
May 5, 25, 27, June 18, 28, July 16, Aug 24, Sept 26, 12, 14, 20, 23, Oct 3, 18, 21, Nov 2, 15, 22, Dec 1, 13, 14, 16, 19, 20, 22, 23, 28, 30, Jan 4, 6, 8, 10, 16, 18, 19, 20, 23, 24, 25, 26, 27, 31, Feb 1, 2, 3, 5, 7, 13, 14, 24, 27, Mar 1, 3, 5, 17, 22, Apr 4, May 16, 18, 25, 29, June 15, 29, July 19, 31, Aug 21, 30, Sep 6, 11, 14, 27, 28, 3, 4, 5, 6, 9, 12.
Total No. of Visits 82

Surveyor's Signature