

With or Without

STEEL STEAMER.

THU. 7-AUG. 1919

Disconnected Erections.

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

Date of completion of report - 6 AUG 1919
Survey held at Sunderland

Port of Sunderland
Date, First Survey 12 July 1918 Last Survey 3 July 1919

No. 27580

Rig was. (see sheet)

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

TONNAGE under Tonnage Deck... 4413.06

Do. between Tonnage Dk. and 3rd and 4th Dk. 4413.06

Total under Upper Dk. 151.99

Do. of Poop 554.88

Do. of Bridge House 106.21

Do. of Forecastle 5.14

Do. of Houses on Dk. 43.84

Do. of excess of Hatchways 5548.15

Do. above Crown of Engine Room 222.31

TONNAGE FOR FEES... 5355.84

Less Engine Room 1786.01

Less Navigation Spaces 203.70

Register Tonnage as cut on Beam 3364.13

CLASS * 100 A.1.

FEET.

Breadth (greatest moulded) 52' 0"

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

Transverse Number 83' 0"

Length on deck from fore part of stem to after part of stern post 400' 0"

Longitudinal Number 33200

Depth "d," at middle of length (See Secs. 2 & 13) 12' 0"

Proportions—Depths to Length—Upper Deck Beam at side to top of keel 10' 38"

" " Long Bridge Deck Beam at side to top of keel 10' 38"

Destined Voyage America

If Surveyed while Building, Afloat, or in Dry Dock, YES.

Master J. N. Shield

Year of appointment 1919

Built at Sunderland

When built 1919. Launched 19th June 1919.

By whom built Sir James Laing & Sons, Ltd.

Owners The Controller of Shipping

Managers Anderson, Neill & Co.

Residence London & Glasgow

Port belonging to London

FEET.	INCHES.	BREADTH—	FEET.	INCHES.	DEPTH, ACTUAL—	FEET.	INCHES.	No. of Decks with flat laid
400	0	Moulded	52	0	Do.	28	6	one
Ship per Register, Length 400' 0" breadth 52' 4" depth 28' 5".								
Moulded depth, ft. 38 ins. 6 1/2 To Bridge Dk. Round of Upper 13 ins.								
Moulded depth, ft. 31 ins. 0 To Upper Dk. Dk. Beam, Actual								

FRAMING.				PILLARS.			
as, or [or L Bars amidships	Inches in Ship	Inches in Ship	Inches per Rule or as Approved	PILLARS In between Deck, size and spacing	Inches in Ship	Inches in Ship	Inches per Rule or as Approved
Double Bottoms at Solid Floors	3 1/2	4	4 1/2	" " " "	6 1/2	6 1/2	6 1/2
Double Bottoms at Intermittent Floors	3 1/2	4	4 1/2	" " " "	6 1/2	6 1/2	6 1/2
Engine room bulkhead	3 1/2	4	4 1/2	" " " "	6 1/2	6 1/2	6 1/2
Length to Collision bulkhead	3 1/2	4	4 1/2	" " " "	6 1/2	6 1/2	6 1/2
Length in peaks	3 1/2	4	4 1/2	" " " "	6 1/2	6 1/2	6 1/2
FRAME, Angles	3 1/2	4	4 1/2	" " " "	6 1/2	6 1/2	6 1/2
Double Bottoms at Solid Floors	3 1/2	4	4 1/2	" " " "	6 1/2	6 1/2	6 1/2
Double Bottoms at Intermittent Floors	3 1/2	4	4 1/2	" " " "	6 1/2	6 1/2	6 1/2
Depth of girder	3 1/2	4	4 1/2	" " " "	6 1/2	6 1/2	6 1/2
Depth and thickness of Floor Plate	3 1/2	4	4 1/2	" " " "	6 1/2	6 1/2	6 1/2
Mid-line for 1/2 length amidships	3 1/2	4	4 1/2	" " " "	6 1/2	6 1/2	6 1/2
of Engine and Boiler Spaces	3 1/2	4	4 1/2	" " " "	6 1/2	6 1/2	6 1/2
at the ends of vessel	3 1/2	4	4 1/2	" " " "	6 1/2	6 1/2	6 1/2
at 1/2 the half breadth, as per Rule	3 1/2	4	4 1/2	" " " "	6 1/2	6 1/2	6 1/2
extended at the Bilges	3 1/2	4	4 1/2	" " " "	6 1/2	6 1/2	6 1/2
Cell Double Bottoms	3 1/2	4	4 1/2	" " " "	6 1/2	6 1/2	6 1/2
if flanged (top & bottom)	3 1/2	4	4 1/2	" " " "	6 1/2	6 1/2	6 1/2
acing of Solid floors	3 1/2	4	4 1/2	" " " "	6 1/2	6 1/2	6 1/2
IDER, in Dbl. bottom, depth & thickness	3 1/2	4	4 1/2	" " " "	6 1/2	6 1/2	6 1/2
" Angles, Top	3 1/2	4	4 1/2	" " " "	6 1/2	6 1/2	6 1/2
" " Bottom	3 1/2	4	4 1/2	" " " "	6 1/2	6 1/2	6 1/2
" " to Floors	3 1/2	4	4 1/2	" " " "	6 1/2	6 1/2	6 1/2
ockets at intermdt. frmg., width & thkns	3 1/2	4	4 1/2	" " " "	6 1/2	6 1/2	6 1/2
ERS, number on each side & thickness	3 1/2	4	4 1/2	" " " "	6 1/2	6 1/2	6 1/2
state if flanged (top and bottom)	3 1/2	4	4 1/2	" " " "	6 1/2	6 1/2	6 1/2
Angles (top and bottom)	3 1/2	4	4 1/2	" " " "	6 1/2	6 1/2	6 1/2
" to Floors	3 1/2	4	4 1/2	" " " "	6 1/2	6 1/2	6 1/2
LATE, depth (exclusive of flange) and thickness	3 1/2	4	4 1/2	" " " "	6 1/2	6 1/2	6 1/2
" Angle to Outside Plating	3 1/2	4	4 1/2	" " " "	6 1/2	6 1/2	6 1/2
" " Floors	3 1/2	4	4 1/2	" " " "	6 1/2	6 1/2	6 1/2
ockets at intermdt. frmg., width & thkns	3 1/2	4	4 1/2	" " " "	6 1/2	6 1/2	6 1/2
eight of Outside Brackets above at bilge	3 1/2	4	4 1/2	" " " "	6 1/2	6 1/2	6 1/2
OTTOM PLATING, breadth and thickness of Middle Line Strake	3 1/2	4	4 1/2	" " " "	6 1/2	6 1/2	6 1/2
" in Engine and Boiler space	3 1/2	4	4 1/2	" " " "	6 1/2	6 1/2	6 1/2
" Remainder in	3 1/2	4	4 1/2	" " " "	6 1/2	6 1/2	6 1/2
Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	3 1/2	4	4 1/2	" " " "	6 1/2	6 1/2	6 1/2
In way of Long Bridge	3 1/2	4	4 1/2	" " " "	6 1/2	6 1/2	6 1/2
Spacing	3 1/2	4	4 1/2	" " " "	6 1/2	6 1/2	6 1/2
Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	3 1/2	4	4 1/2	" " " "	6 1/2	6 1/2	6 1/2
Spacing	3 1/2	4	4 1/2	" " " "	6 1/2	6 1/2	6 1/2
Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	3 1/2	4	4 1/2	" " " "	6 1/2	6 1/2	6 1/2
Angles on upper edge	3 1/2	4	4 1/2	" " " "	6 1/2	6 1/2	6 1/2
Spacing	3 1/2	4	4 1/2	" " " "	6 1/2	6 1/2	6 1/2
Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	3 1/2	4	4 1/2	" " " "	6 1/2	6 1/2	6 1/2
Angles on upper edge	3 1/2	4	4 1/2	" " " "	6 1/2	6 1/2	6 1/2
Spacing	3 1/2	4	4 1/2	" " " "	6 1/2	6 1/2	6 1/2
Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	3 1/2	4	4 1/2	" " " "	6 1/2	6 1/2	6 1/2
Angles on upper edge	3 1/2	4	4 1/2	" " " "	6 1/2	6 1/2	6 1/2
Spacing	3 1/2	4	4 1/2	" " " "	6 1/2	6 1/2	6 1/2
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	3 1/2	4	4 1/2	" " " "	6 1/2	6 1/2	6 1/2
Angles on upper edge	3 1/2	4	4 1/2	" " " "	6 1/2	6 1/2	6 1/2
Spacing	3 1/2	4	4 1/2	" " " "	6 1/2	6 1/2	6 1/2

* If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon.

W1196-0054 1/3

WEB FRAMES. In Fore Body, No. and spacing. No. of Side Stringers. WEB FRAMES, In E. & B. Space, No. and spacing. WEB FRAMES, In After Body, No. and spacing. BRACKET PLATES to Stringers between Web Frames, depth and thickness.

FORGINGS & CASTINGS. KEEL, Bar, depth and thickness. STEM, moulding and thickness. STERN-POST for Rudder do. do. for Propeller. RUDDER A & D* Table 22. Speed. Main-Piece, diameter at head. at heel.

ANCHORS. TONNAGE U. K. OR PLATING No. FOR TRAWLERS. CHAIN CABLES. HAWSERS AND WARPS.

PLATING. STRAKES. AS IN SHIP. PER RULE OR AS APPROVED. EDGES. BUTTS. RIVETING.

Upper Deck. Stringer Plate. Second Deck. Stringer Plate. FRAMES, extend in one length from middle to deep tank flat, to REVERSED FRAMES on floors and frames extend from.

MASTS, SPARS, &c. LOWER MASTS. Main. Mizzen. RIGGING, Material and Size, shrouds. Sails.

W196-0054 2/3

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ^{hunk} 49.4 ft., R.O.D. 183.9 ft., Bridge 121.0 ft., Forecastle ^{hunk} 4.5 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *the poop and forecastle are joined to the hull by a hunk.*

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 should appear in the Register Book) *104 (5th) 1st B & WEB FRAMES, LONGITUDINAL FRAMING.*

Official No. *143,371*; Signal Letters

State if Machinery is fitted aft *no.*

How are the surfaces preserved from oxidation? Inside *Cement in holds, C & B tanks and bilges, bituminous enamel on cross beams & bridge lower deck. (nothing in oil tanks) paint & cement wash elsewhere* Outside *paint.*

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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,	21.0	10
Double bottom, under Engines and Boilers,			After peak tank,	14.0	8
Double bottom, if under Engines only,	34.0	135	Deep tank, aft,	34.5	18
Double bottom, if under Boilers only,	36.5	139	Deep tank, forward,	49.0	28
Double bottom, forward,			Other tanks, if fitted,		
	Total capacity of double bottom	274	(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.

Order for Special Survey No. *5350*

Date

12.6.18

No.

646 in builder's yard.

DATES OF SURVEYS
held while building

1918 Jul 12, 22, Aug 2, 27, 29, Sep 17, Oct 17, 18, 24, 31, Nov 4, 8, 18, 20, 21, 26, 28, Dec 4, 5, 6, 11, 19, Jan 7, 10, 13, 15, 20, 22, 24, 27, 29, Feb 3, 4, 6, 12, 13, 17, 19, 21, 24, 25, Mar 4, 12, 13, 18, 24, 25, 26, Apr 2, 4, 7, 9, 11, 14, 15, 16, 17, 25, 28, 29, 30, May 2, 3, 10, 14, 16, 19, 20, 22, 23, 27, 28, 29, 30, June 2, Jul 1, 2, 4, 12, 16, 22, 23, 25, 29, 31

Total No. of Visits

Surveyor's Signature

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Lloyd's Register
Foundation

S.S. War Pagara

PARTICULARS OF LONGITUDINAL FRAMING.

SUNDERLAND RPT. NO. 27580

W1196-0054 ³/₃

bush

Dia. of

face

FRAMING.	AMIDSHIPS, ¹ / ₄ THROUGHOUT IN SHIP.			ENDS, ¹ / ₄ IN BOILER SPACE IN SHIP.			AMIDSHIPS, ¹ / ₄ THROUGHOUT IN SHIP.			ENDS, ¹ / ₄ IN BOILER SPACE IN SHIP.			RIVETING.		Rivets in Brackets to Bulkheads.	
	In Ship.			In Ship.			In Ship.			In Ship.			Rivets in Longitudinal Frames.		Spacing of Rivets on each side of Transverses and Bulkheads.	
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Inches.	Number.
BRIDGE DECK	4	3 1/2	4 1/2	4	3 1/2	4 1/2	4	3 1/2	4 1/2	4	3 1/2	4 1/2	7/8	5/4	5 1/4	✓
Uppermost Continuous No. 1																✓ 8
" 2																✓ 8
" 3																✓ 8
" 4																✓ 8
" 5	10	3 1/2	4 1/2	9	3 1/2	4 1/2	10	3 1/2	4 1/2	9	3 1/2	4 1/2			3 5/16	✓ 8
" 6			4 1/2						4 1/2							✓ 10
" 7			50						50							✓ 10
" 8	12	3 1/2	50	10	3 1/2	4 1/2	12	3 1/2	50	10	3 1/2	4 1/2				✓ 10
" 9						50						50				✓ 10
" 10						5 1/4						5 1/4			3 1/2	✓ 10
" 11				9	3 1/2	4 1/2				9	3 1/2	4 1/2				✓ 16
" 12	15	4	6 3/4				15	4	6 3/4						3 5/16	✓ 16
" 13																✓ 16
" 14																✓ 16
Bottom Longitudinals	15	4	6 3/4	9	3 1/2	4 1/2	15	4	6 3/4	9	3 1/2	4 1/2	7/8	5 1/4	3 5/16	✓ 13
" 16																✓ 13
Amidships		30			30			30			30					✓ 13
At Ends																✓ 13
Tank Top Longitudinals																✓ 13
Bottom																✓ 13
Longitudinals																✓ 13
Transverses.																✓ 13
Depth and Thickness																✓ 13
Face Angles																✓ 13
Lugs to Shell																✓ 13
Depth and Thickness																✓ 13
Face Angles																✓ 13
Lugs to Shell																✓ 13
Depth and Thickness																✓ 13
Face Angles																✓ 13
Lugs to Shell																✓ 13
Brackets																✓ 13
Transverse Frames																✓ 13
Bridge Deck																✓ 13
Upper																✓ 13
Second																✓ 13
Third																✓ 13

Dimensions of framing in peaks (if ordinary). Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, etc., to be entered in their respective places provided for on the Report Forms.

NOTE:—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, etc., on the first page.

PERHEATER

Time

Date of Approval of Plan

Tested by Hydraulic Press