

With or Without Disconnected Erections.

STEEL STEAMER.

HEL. DEC. 23 1921

Received at London Office

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

Date of completion of report
Survey held at

23 DEC 1921

Port of SUNDERLAND
Date, First Survey 2nd February 1921 Last Survey 19th December 1921

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

Steamer

BRITISH JUDGE

Rig Schooner

TONNAGE under

6210.30

CLASS 100 A-1 CARRYING PETROLEUM IN BULK

Master

Year of appointment

(1) As Master in service of
owner of present vessel:—19
(2) As Master of this
vessel:—19

Tonnage Deck

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

Total under Upper Dk.

Do. of Poop

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

Less Crew Space

Less above Crown of

Engine Room

TONNAGE FOR FEES

Less Engine Room

Less Navigation Spaces

Register Tonnage

as cut on Beam

4024.54

Destined Voyage Swansea

If Surveyed while Building, Afloat, or in Dry Dock

yes

as cut on Beam																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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Dimensions of Ship per Register, Length 420.5 breadth 56.4 depth 33.4 Moulded depth, ft. 33 ins. 6 To Bridge Dk. Round of Upper Dk. Beam, Actual 14 ins.

FRAMING.				PILLARS.			
BRIDGE & FLOOR - B&B	4 x 3 1/2 x 40	4 x 3 1/2 x 40	4 x 3 1/2 x 40	PILLARS In 'tween Deck, size and spacing	Steel centre line bulkhead		
FRAME, Angles, or Bars amidships	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	" " Hold	" " "		
Do. in peaks	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	" " Quarter 'tween Dks.,	Steel trunk sides		
Do. in way of Double Bottoms at Solid Floors	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	" " in Hold	" " "		
" " at intermdt. Bkts.	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2				
Spacing of Frames from centre to centre	36	36	36	KEELSONS & STRINGERS.			
" " length to Collision bulkhead	24	24	24	CENTRE LINE KEELSON, Vertical Plate above			
" " in peaks	24	24	24	floors, Through Plate, or Intercoastal Plate			
REVERSED FRAME, Angles	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	" Rider Plate			
Do. in way of Double Bottoms at Solid Floors	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	" Flat Plate Keel Angles			
" " at intermdt. Bkts.	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	" Horizontal Plates on Floors			
FRAMING, depth of girder	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	" Angles or Bulb Angles			
FLOORS, depth and thickness of Floor Plate	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	SIDE KEELSONS, Number			
at mid-line for 1/2 length amidships	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	" Angles or Bulb Angles			
" in way of Engine and Boiler Spaces	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	" Plate above floors, for			
thickness at the ends of vessel	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	" Intercoastal Plate, for			
depth at 1/2 the half breadth, as per Rule	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	" Attached to outside Plating with Angle			
height extended at the Bilges	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	BILGE KEELSON, Angles			
FLOORS in Cell. Double Bottoms	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	" Intercoastal Plate for			
state if flanged (top & bottom)	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	" Attached to outside Plating with Angle			
Spacing of Solid floors	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	SIDE STRINGERS, Number			
CENTRE GIRDER, in Dbl. bottom, dpth. & thknss.	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	" Angle			
" Angles, Top	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	" Intercoastal Plate, for			
" Bottom	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	" Attached to outside plating with Angle			
" to Floors	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	Upper Deck Stringer Plate, br'dth & thickness			
Brackets at intermdt. frmg., wtdh & thknss	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	(clear of Bridge)			
SIDE GIRDERS, number on each side & thickness	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	br'dth & thickness			
state if flanged (top and bottom)	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	(in way of Bridge)			
" Angles (top and bottom)	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	Angle (clear of Bridge)			
" to Floors	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	" Tie Plate at sides of Hatchways			
MARGIN PLATE, depth (exclusive of flange)	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	Deck, Iron or Steel, for			
and thickness	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	Thickness (clear of Bridge)			
" Angle to Outside Plating	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	" (in way of Bridge)			
" Floors	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	Wood Deck, Material & thickness			
Brackets at intermdt. frmg., wtdh & thknss	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	Second Deck Stringer Plate, br'dth & thickness			
Height of Outside Brackets above at bilge	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	Angles on ditto, No.			
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	" Tie Plates outside Hatchways			
" in Engine and Boiler space	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	Deck, Iron or Steel, for			
Remainder in Hold	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	Thickness (clear of Bridge)			
BEAMS, Upper Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	" (in way of Bridge)			
" In way of Long Bridge	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	Wood Deck, Material & thickness			
Spacing	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	Third Deck Stringer Plate, br'dth & thickness			
BEAMS, Second Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	Angles on ditto, No.			
Spacing	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	" Tie Plates outside Hatchways			
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	Deck, Material and thickness			
Angles on upper edge	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	Fourth and Fifth Deck Stringer Plate, breadth & thickness			
Spacing	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	" Angles on ditto, No.			
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	" Tie Plates outside Hatchways			
Angles on upper edge	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	Deck, Material & thickness			
Spacing	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	Poop Deck Stringer Plate, breadth & thickness			
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	Angle on ditto			
Angles on upper edge	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	Tie Plates			
Spacing	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	Deck, Material and thickness			
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	Bridge Deck Stringer Plate, br'dth & thickness			
Angles on upper edge	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	Angle on ditto			
Spacing	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	Tie Plates			
	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	Deck, Material and thickness			
	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	Forecastle Deck Stringer Plate, br'dth & th'kns			
	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	Angle on ditto			
	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	Tie Plates			
	4 x 3 1/2	4 x 3 1/2	4 x 3 1/2	Deck, Material and thickness			

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 98'-4" ft., ^{BOGE} R.Q.D. 34'-5" ft., Bridge ft., Forecastle 5'-5" ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

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 in the Register Book) 2 DKS (Stl.) and web frames. Longitudinal Framing.
Official No. 146208 ; Signal Letters State if Machinery is fitted aft Yes
How are the surfaces preserved from oxidation? Inside Paint and cement except in oil tanks Outside Paint.

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

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	✓		Fore peak tank,	22.6	224
Double bottom, under Engines and Boilers, UNDER ENGINES 35'-0	105		After peak tank,	23.9	156
Double bottom, if under Engines only, BOILERS 35'-6	150		Deep tank, aft,	36.0	649
Double bottom, if under Boilers only,	✓		Deep tank, forward,		
Double bottom, forward,	✓		Other tanks, if fitted,		
Boiler Room tank is for oil fuel (capacity) 135 tons			(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. 5499
Date 21.9.20
No. 679 in builder's yard.
DATES of Surveys held while building
1921. Feb. 2, 14, 21. Mar. 1, 3, 7, 11, 17, 24. Apr. 4, 7, 8, 11, 13, 15, 29. May. 2, 6, 9, 12, 13, 19. June. 1, 3, 17, 11, 12, 13, 14, 15, 18, 19, 22, 25. Aug. 4, 7, 8, 22, 26, 31. Sep. 5, 7, 9, 12, 14, 15, 16, 17, 19, 20, 21, 22, 23, 26, 27, 28, 29. Oct. 3, 4, 5, 6, 7, 10, 11, 12, 14, 18, 25, 31. Nov. 2, 16, 23, 24. Dec. 16, 19.

Surveyor's Signature

A. Pickworth.

Total No. of Visits 77
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BRITISH JUDGE

PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.			AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.			
			In Ship.			In Ship.			Per Rule or as approved.			Per Rule or as approved.			Rivets in Longitudinal Frames.			
			Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	
Framing of L, L or C			Poop Longs			Transverse												
Frames in Bridge 'tween Decks ...			4	3 1/2	40	4	3 1/2	40	4	3 1/2	40	6	3	36	7/8	5 1/4	6 dias	5 1/4"
Frames from Uppermost Continuous Deck			4	3 1/2	40	4	3 1/2	40	4	3 1/2	40	6	3 1/2	40	"	"	do	1/8
" 2			4	3 1/2	40	4	3 1/2	40	4	3 1/2	40	6	3 1/2	40	"	"	do	1/8
" 3			8	3 1/2	42	8	3 1/2	42	8	3 1/2	42	6	3 1/2	40	"	"	do	1/8
" 4			8	3 1/2	52	8	3 1/2	52	8	3 1/2	52	4	3 1/2	38	"	"	do	1/8
" 5			9	3 1/2	46	9	3 1/2	46	9	3 1/2	46	8	3 1/2	40	"	"	do	1/8
" 6			9	3 1/2	56	9	3 1/2	56	9	3 1/2	56	8	3 1/2	44	"	"	do	1/8
" 7			10	3 1/2	48	10	3 1/2	48	10	3 1/2	48	OT	FLAT	"	"	do	1/8	
" 8			10	3 1/2	52	10	3 1/2	52	10	3 1/2	52	9	3 1/2	46	"	"	do	1/8
" 9			10	3 1/2	56	10	3 1/2	56	10	3 1/2	56	10	3 1/2	44	"	"	do	1/8
" 10			10	3 1/2	60	10	3 1/2	60	10	3 1/2	60	10	3 1/2	50	"	"	do	1/8
" 11			12	4	4	12	4	4	12	4	4	10	3 1/2	54	"	"	do	1/8
" 12			"	"	"	"	"	"	"	"	"	10	3 1/2	60	"	"	do	1/8
" 13			15	4	4	15	4	4	15	4	4	10	3 1/2	60	"	"	do	1/8
" 14																	do	1/8
" 15																	do	1/8
" 16																	do	1/8
Spacing of Longitudinal Frames			2' 6"			2' 6"			2' 6"								do	1/8
Amidships			2' 6"			2' 6"			2' 6"								do	1/8
At Ends			2' 6"			2' 6"			2' 6"								do	1/8
Double Bottoms			LONGITUDINALLY FRAMED OILER															
L, L or C																		
Spacing of Longitudinals																		
Transverses.																		
In Bridge 'tween Decks			TRANSVERSE FRAMING															
Depth and Thickness			18	x	40	18	x	38	18	x	40							
Face Angles			4	3 1/2	44	3 1/2	3 1/2	40	4	3 1/2	44							
Lugs to Shell*			4	3 1/2	40	3 1/2	3 1/2	40	3 1/2	3 1/2	40							
In Awning, Shelter or Upper 'tween Decks.			36	x	48	36	x	46	36	x	46							
Depth and Thickness			6	3 1/2	75	6	3 1/2	75	6	3 1/2	75							
Face Angles			6	6	46	6	6	46	6	6	46							
Lugs to Shell*			46			46			46									
In Hold.																		
Depth and Thickness																		
Face Angles																		
Lugs to Shell*																		
Brackets																		
Spacing of Transverse Frames																		
* State if jogged or liners.			JOGGED															
Longitudinal Beams of L, L or C																		
Poop Bridge Deck			6 1/2	3	32 1/2													
Awg. or Shldr. Dk.																		
Upper L			4	3 1/2	40	4	3 1/2	40	4	3	40	4	3	40	2 1/2	6	30	
Second L			4	3	50	4	3	50	4	3	50	4	3	50	2 1/2	6	30	
Third																		

The particulars 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.

Open bridge length 34.4 ft - 89.55 tons
" poop " 30.5 ft - 63.44 "

0071 3/13