

STEEL STEAMER.

Received at London Office WED. JUN. 23 1920

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

Date of completion of report 19/6/20.
Survey held at Paisley

Port of *Glasgow*
Date, First Survey *30th June 1919*

No. 40,105
Last Survey 8 June 1920

Single, Twin, or Triple Screw)

Rig 4 Mast Schooner.

CLASS *+ 100 Al.*

FEET.

Master *John Robinson*

Year of appointment { (1) As Master in service of ✓
owner of present vessel: 19
(2) As Master of this ✓
vessel 19

Built at Paisley.

When built *1920* Launched *20th April 1920*

By whom built John Fullerton & Co.

Owners *Richard Hughes & Co.*

Managers

Residence *Liverpool.*

Port belonging to *Liverpool.*

Destined Voyage

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

LENGTH	Inches.	BREADTH—	Feet.	Inches.	DEPTH, ACTUAL—	Feet.	Inches.	No. of Decks with flat laid
as per Rule	20 0	Moulded	34 0		Top of Floors to top of Upper Dk. Beams	13	6	ONE
					Do. do. do. do. Second Dk. Beams	17	6	ONE

Dimensions of Ship per Register, Length 220.2 breadth 34.2 depth 13.15.

Moulded depth, ft. 19 ins. 6 To ~~Bridge~~^{Upper} Dk. Round of Upper } 8" ins.
Moulded depth, ft. 15" ins. 6 To Upper Dk. Dk. Beam, Actual }

FRAMING.

	6	3	32	6	3	32
For Bars amidships	4	3	32	4	3	32
Angle	5	3	40	5	3	40
Double Bottoms at Solid Floors	3	3	30	3	3	30
" at intermdt. Bkts.						
from centre to centre amidships	23	✓		23		
" " from 1/2		✓				
length to Collision bulkhead		✓				
" " in peaks						
Double Bottoms at Solid Floors	3	3	32	3	3	32
" at intermdt. Bkts.	3	3	30	3	3	30
" " at intermdt. Bkts.		✓			✓	
of girder	6" & 7"	3/4	FRAMES			
and thickness of Floor Plate	20"	✓	20"			
line for 1/2 length amidships	40	4	46	40	4	46
Engine and Boiler Spaces			32			32
the ends of vessel						
the half breadth, as per Rule						
ded at the Bilges		LEVEL	✓			
Double Bottoms	32		30	32		30
flanged (top & bottom)		1/2	✓		1/2	
of Solid floors		23	✓		23	
in Dbl. bottom, dpth. & thkness	32		40	32		40
Angles, Top	5	5	46	5	5	46
" Bottom	5	5	52	5	5	52
" to Floors	3	3	30	3	3	30
at intermdt. frmg., wdth & thkness		✓			✓	
number on each side & thickness	ONE		30	ONE		30
state if flanged (top and bottom)		1/2	✓		1/2	
Angles (top and bottom)	3	3	30	3	3	30
" to Floors	2 1/2	2 1/2	30	2 1/2	2 1/2	30
depth (exclusive of flange)	26		34	26		34
and thickness	3 1/2	3 1/2	44	3 1/2	3 1/2	44
Angle to Outside Plating	5	5	40	5	5	40
" Floors						
at intermdt. frmg., wdth & thkness						
Outside Brackets above at bilge		11"	✓		11"	
PLATING, breadth and	48		38	33		38
ness of Middle Line Strake						
in Engine and Boiler space						
Remainder in Holds	30	1/2	28	30	1/2	28
Deck, Single Angle, Bulb	6	3	36	6	3	36
Plate, Tee Bulb, or Channel						
of Long Bridge		23"	✓		23"	
Deck, Single Angle, Bulb	6	3	36	6	3	36
Plate, Tee Bulb, or Channel		23"	✓		23"	
Fourth Deck, Single Angle						
Plate, Tee Bulb, or Channel						
on upper edge						
Deck, Angle, Bulb Angle, Plate						
Bulb, or Channel						
on upper edge						
Deck, Angle, Bulb Angle, Plate	5	3	40	5	3	40
Bulb, or Channel						
on upper edge						
Deck, Angle, Bulb Angle						
Tee Bulb, or Channel	5	3	44	5	3	44
on upper edge						
		23"	✓		23"	

PILLARS.

PILLARS		In 'tween Deck, size and spacing	Ship.	Ship.	Or as	Approved.	
"	"	Hold	"	"			
"	"	Quarter 'tween Dks.,	"	"			
"	"	in Hold	"	"			
			Deep Brackets. 4' B.A. pillars as per app'n Plan				
KEELSONS & STRINGERS.			Inches in Ship	Inches in Ship	Inches in Ship	Inches per Rule Or as	Inches per Rule
CENTRE LINE KEELSON, (Vertical Plate above floors, Through Plate, or Intercoastal Plate)			40	6	36	40	
"	"	Rider Plate.....					
"	"	Flat Plate Keel Angles (24 B.S. per double)	3 1/2	3 1/2	46	3 1/2	46
"	"	Horizontal Plates on Floors.....					
"	"	Angles or Bulb Angles.....	9	3 1/2	46	9	3 1/2
SIDE KEELSONS, Number ONE							
"	"	Angles or Bulb Angles.....	8	3	46	8	3
"	"	Plate above floors, for length....					
"	"	Intercoastal Plate, for length			36		36
"	"	Attached to outside Plating with Angle...	3	3	36	3	36
BILGE KEELSON, Angle, SINGLE			8	3	46	8	3
"	"	Intercoastal Plate for length			36		36
"	"	Attached to outside Plating with Angle ...	3	3	36	3	36
SIDE STRINGERS, Number							
"	"	Angle.....					
"	"	Intercoastal Plate, for length....					
"	"	Attached to outside plating with Angle.....					
Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)			44"	50"	44"	50"	
"	"	br'dth & thickness (in way of Bridge)	5" x 5"	48"	4 1/2" x 4 1/2"	50"	
"	"	Angle (clear of Bridge) ...					
"	"	Tie Plate at sides of Hatchways.....					
"	"	Deck.* Iron or Steel, for FULL lng.			44"		44"
"	"	Thickness (clear of Bridge)					
"	"	(in way of Bridge)					
"	"	Wood Deck. Material & thickness					
Second Deck Stringer Plate, br'dth & thickness			53"	44"	50"	44"	
"	"	Angles on ditto, No. ONE	3 1/2" x 3 1/2"	46"	3 1/2" x 3 1/2"	46"	
"	"	Tie Plates outside Hatchways.....					
"	"	Deck.* Iron or Steel, for FULL lng.			44"		44"
"	"	Wood Deck. Material & thickness					
Third Deck Stringer Plate, br'dth & thickness							
"	"	Angles on ditto, No.					
"	"	Tie Plates, outside Hatchways.....					
"	"	Deck.* Material and thickness					
Fourth and Fifth Deck Stringer Plate, breadth & thickness							
"	"	Angles on ditto, No.					
"	"	Tie Plates outside Hatchways					
"	"	Deck. Material & thickness					
Poop Deck Stringer Plate, breadth & thickness							
"	"	Angle on ditto					
"	"	Tie Plates					
"	"	Deck. Material and thickness					
Bridge Deck Stringer Plate, br'dth & thickness			48"	28"	36"	28"	
"	"	Angle on ditto.....	3" x 3"	28"	3" x 3"	28"	
"	"	Tie Plates.....			7"	28"	
"	"	Deck. Material and thickness	P.P. 5" x 3" steel deck 28"				
Forecastle Deck Stringer Plate, br'dth & thickness			28"	28"	20"	28"	
"	"	Angle on ditto.....	3" x 3"	28"	3" x 3"	28"	
"	"	Tie Plates					
"	"	Deck. Material and thickness	P.P. 5" x 3" STEEL 28"				

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

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WEB FRAMES.				FORGINGS OR CASTINGS.			
Inches in Ship.	Inches in Ship.	Inches per Rule.	Inches per Rule.	Inches in Ship.			
WEB FRAMES, In Fore Body, No. and spacing				KEEL, Bar, depth and thickness			
No. of Side Stringers				STEM, moulding and thickness			
WEB FRAMES, In E. & B. Space, No. and spacing				STERN-POST for Rudder do. do.			
No. of Side Stringers				RUDDER "A" D" Table 22. Speed			
Size of Face Angles to Web-Frames				Main-Piece, diameter at head			
Web-Frames, depth and thickness				" " " at heel			
STIFFENERS.				RUDDER, how constructed			
Single or Double Frames.				Thickness of Plates Single Plate			
Height up, state deck.				Can the Rudder be unshipped afloat?			
W.T. BULKHEADS				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			
No. 109				Plates, Plating, &c. H. Beardmore & Co. Glasgow Iron & Steel Co. Lanarkshire Iron & Steel Co. David Colville & Co.			
No. 83				Has the Steel been tested as required by the Rules?			
COLLISION PARTITION				open hearth process			
LONGITUDINAL				Are the outside Plates doubled two spaces of Frames in length?			
Are the Sluice Valves and Watertight Doors in efficient working order?				None			

PLATING.				RIVETING.			
AS IN SHIP.				PER RULE OR AS APPROVED.			
STRAKES.				EDGES.			
AMIDSHIP.				BUTTS.			
Breadth.				Breadth.			
Thickness.				Thickness.			
FLAT PLATE KEEL				Double			
GARBOARD OF A STRAKE				Double			
B				Double			
C				Double			
D				Double			
E				Double			
F				Double			
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GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. 107.83 ft., Bridge 15.33 ft., Forecastle long. (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) ONE. (Std)

Official No. 143642; Signal Letters ✓ State if Machinery is fitted aft Yes.
How are the surfaces preserved from oxidation? Inside paint and cement Outside paint

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

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,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	136'	215'	Other tanks, if fitted,		
		215'	(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. 5246

Date 22. 5. 19.

No. 265. in builder's yard.

DATES of Surveys held while building

1919 June 30 July 11. 15. 22. 28. Aug 8. Sept 10. 30. Oct 6. 22. 30. Nov 4. 5. 11. 14. 19. Dec 5
1920 Jan 21. 26. Feb 5. 11. 14. 20. 25. Mar 2. 16. 23. 26. 31. Apr 2. 6. 9. 14. 23. 28. May 4. 7. 13
June 8

Surveyor's Signature

M. Macleod.

Sails. m main Tysail

Suit of

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