

With or Without Disconnected Erections.

STEEL STEAMER.

Received at London Office. SAI. Dec. 17 1921

Date of completion of report
Survey held at *Garston*

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

Port of *LIVERPOOL*

No. *83108*

Date, First Survey *10th Sept. 1920* Last Survey *9th December 1921*

On the *Double* *5/8* "CHURTON"

Rig *not*

TONNAGE under Tonnage Deck... *719.79*

CLASS *100 A1 "Luggage Steamer"*

Master

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

Do. between Tonnage Dk. and 3rd and 4th Dk. *719.79*

Breadth (greatest moulded) *50'0"*

Total under Upper Dk. *719.79*

Depth, at middle of length from top of keel to top of upper deck beams at side *15'5"*

Do. of Poop *-*

Transverse Number *65.5*

Do. of R.Q.Dk. *-*

Do. of Bridge House *-*

Do. of Forecastle *-*

Do. of Houses on Dk. *4.37*

Do. of excess of Hatchways *-*

Do. above Crown of Engine Room *-*

Gross Tonnage *724.16*

Less Crew Space *43.65*

Less above Crown of Engine Room *-*

TONNAGE FOR FEES... *309.85*

Less Engine Room *117.15*

Less Navigation Spaces *-*

Register Tonnage *253.51*

Destined Voyage *River Mersey*

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

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
<i>143</i>	<i>0</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>0</i>	<i>13</i>	<i>9</i>	<i>0</i>	<i>one</i>

Dimensions of Ship per Register, Length *142.5* breadth *50.1* depth *13.7* Moulded depth, ft. *15* ins. *6* To Bridge Dk. Round of Upper Dk. Beam, Actual *6* ins.

FRAMING.						PILLARS.					
	Inches in Ship	Inches in Ship	Inches in Ship	Inches per Rule Or as Approved	Inches per Rule Or as Approved		Inches in Ship	Inches in Ship	Inches in Ship	Inches per Rule Or as Approved	Inches per Rule Or as Approved
FRAME, Angles, on E or L Bars amidships	<i>7 1/2</i>	<i>3</i>	<i>44 1/2</i>	<i>7 1/2</i>	<i>3</i>	PILLARS In 'tween Deck, size and spacing					
Do. in peaks	<i>5</i>	<i>3</i>	<i>38</i>	<i>5</i>	<i>3</i>	" " Hold	<i>3 1/4</i>	<i>8'0"</i>	<i>3 1/4</i>	<i>8'0"</i>	
Do. in way of Double Bottoms at Solid Floors						" " Quarter 'tween Dks.	<i>Long 3" Bulb</i>	<i>Long 3" Bulb</i>			
" " at intermdt. Bkts.						" " in Hold	<i>Owner (with 30 additional Dollars)</i>				
Spacing of Frames from centre to centre amidships	<i>24"</i>			<i>24"</i>		KEELSONS & STRINGERS.					
" " from 1/2 length to Collision bulkhead						CENTRE LINE KEELSON, Vertical Plate (base)	<i>31</i>	<i>38-34</i>	<i>31</i>	<i>38-34</i>	
" " in peaks						" " Rider Plate	<i>4 1/2</i>	<i>3 1/2</i>	<i>4 1/2</i>	<i>3 1/2</i>	<i>4 1/2</i>
REVERSED FRAME, Angles, on E or L Bars	<i>4 1/2</i>	<i>3</i>	<i>38</i>	<i>4 1/2</i>	<i>3</i>	" " Flat Plate Keel Angles	<i>12</i>	<i>38-34</i>	<i>12</i>	<i>38-34</i>	
Do. in way of Double Bottoms at Solid Floors						" " Horizontal Plates on Floors	<i>4</i>	<i>3</i>	<i>36</i>	<i>4</i>	<i>3</i>
" " at intermdt. Bkts.						" " Angles on Bulb Angles	<i>one</i>		<i>one</i>		
FRAMING, depth of girder	<i>7 1/2</i>			<i>7 1/2</i>		SIDE KEELSONS, Number	<i>7</i>	<i>3 1/2</i>	<i>5</i>	<i>7</i>	<i>3 1/2</i>
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	<i>27</i>	<i>44 1/2</i>		<i>27</i>	<i>44 1/2</i>	" " Angles or Bulb Angles	<i>7</i>	<i>3 1/2</i>	<i>5</i>	<i>7</i>	<i>3 1/2</i>
" in way of Engine and Boiler Spaces	<i>50</i>	<i>54</i>		<i>50</i>	<i>54</i>	" " Plate above floors, for length					
" thickness at the ends of vessel	<i>36</i>			<i>36</i>		" " Intercoastal Plate, for Mchng. space length	<i>34</i>		<i>34</i>		
" depth at 1/2 the half breadth, as per Rule	<i>16</i>			<i>16</i>		" " Attached to outside Plating with Angle	<i>3</i>	<i>3</i>	<i>32</i>	<i>3</i>	<i>3</i>
" height extended at the Bilges						BILGE KEELSON, Angles	<i>Long 3" Bulb</i>	<i>Long 3" Bulb</i>			
FLOORS in Cell. Double Bottoms						" " Intercoastal Plate for length					
" state if flanged (top & bottom)						" " Attached to outside Plating with Angle	<i>3 1/2</i>	<i>3 1/2</i>	<i>34</i>	<i>3 1/2</i>	<i>34</i>
" Spacing of Solid floors						SIDE STRINGERS, Number	<i>one</i>		<i>one</i>		
ENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.						" " Angle	<i>7</i>	<i>3 1/2</i>	<i>5</i>	<i>7</i>	<i>3 1/2</i>
" " Angles, Top						" " Intercoastal Plate, for Mchng. space length	<i>34</i>		<i>34</i>		
" " Bottom						" " Attached to outside plating with Angle	<i>3</i>	<i>3</i>	<i>34</i>	<i>3</i>	<i>3</i>
" " to Floors						Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	<i>48</i>	<i>38</i>	<i>48</i>	<i>38</i>	
BRACKETS at intermdt. frmg., wdth & thcknss						" " " " (clear of Bridge)	<i>3 1/2</i>	<i>3 1/2</i>	<i>44 1/2</i>	<i>3 1/2</i>	<i>44 1/2</i>
SIDE GIRDERS, number on each side & thickness						" " " " (in way of Bridge)	<i>3 1/2</i>	<i>3 1/2</i>	<i>44 1/2</i>	<i>3 1/2</i>	<i>44 1/2</i>
" " state if flanged (top and bottom)						" " " " Angle (clear of Bridge)	<i>3 1/2</i>	<i>3 1/2</i>	<i>44 1/2</i>	<i>3 1/2</i>	<i>44 1/2</i>
" " Angles (top and bottom)						" " Tie Plate at sides of Hatchways					
" " to Floors						" " Deck * Iron or Steel, for whole lng.	<i>steel</i>		<i>steel</i>		
MARGIN PLATE, depth (exclusive of flange) and thickness						" " Thickness (clear of Bridge)	<i>5/16</i>		<i>5/16</i>		
" " Angle to Outside Plating						" " " " (in way of Bridge)					
" " Floors						" " Wood Deck, Material & thickness	<i>P.P. Sheathing 6 x 3 1/2</i>	<i>6 x 3 1/2</i>			
BRACKETS at intermdt. frmg., wdth & thcknss						Second Deck Stringer Plate, br'dth & thickness					
HEIGHT of Outside Brackets above at bilge						" " Angles on ditto, No.					
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake						" " Tie Plates outside Hatchways					
" " in Engine and Boiler space						" " Deck * Iron or Steel, for lng.					
" " Remainder in Holds						" " Wood Deck, Material & thickness					
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>7 1/2</i>	<i>3</i>	<i>44 1/2</i>	<i>7 1/2</i>	<i>3</i>	Third Deck Stringer Plate, br'dth & thickness					
" " in way of Long Bridge						" " Angles on ditto, No.					
" " Spacing						" " Tie Plates, outside Hatchways					
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel						" " Deck * Material and thickness					
" " Spacing						Fourth and Fifth Deck Stringer Plate, br'dth & thickness					
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel						" " Angles on ditto, No.					
" " Angles on upper edge						" " Tie Plates outside Hatchways					
" " Spacing						" " Deck, Material & thickness					
BEAMS, Poop Deck, 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, Bridge 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, Forecastle 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 & th'kns					
						" " Angle on ditto					
						" " Tie Plates					
						" " Deck, Material and thickness					

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

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop — ft., R.Q.D. — ft., Bridge — ft., Forecastle — 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 as should appear in the Register Book) *1 DK-SR - W.S*

Official No. *145904*; Signal Letters — State if Machinery is fitted aft *amidships*
How are the surfaces preserved from oxidation? Inside *cement on bottom paint* 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,	✓	✓
Double bottom, under Engines and Boilers,	✓	✓	After peak tank,	8' 0"	5
Double bottom, if under Engines only,	✓	✓	Deep tank, aft,	✓	✓
Double bottom, if under Boilers only,	✓	✓	Deep tank, forward,	10' 0"	15
Double bottom, forward,	✓	✓	Other tanks, if fitted,		
Total capacity of double bottom			(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. *1160*

Date *19/10/20*

No. *119* in builder's yard.

DATES of Surveys held while building

1920 Sept. 10. 20. Nov. 18. 23. Dec. 21 1921 Jan. 3. 14. 26 Feb. 4. 8. 10. 14. 18. 27. 28. Mar. 7. 9. 21. 30. Apr. 4. 8. 14. 19. 25. 28. May. 2. 5. 11. 18. 25. 31. June. 3. 8. 13. 22. 27. July 25. 29. Aug. 10. 17. 23. 26. Sep. 1. 7. 14. 19. 26. Oct. 3. 24. 26. Nov. 4. 9. 25. Dec. 5. 9.

Total No. of Visits *55*

Surveyor's Signature *John Needham*