

With or Without Disconnected Erections.

STEEL STEAMER.

Received at London Office

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

Date of completion of report *2nd Nov 1910*
Survey held at *Greenock Glasgow*
On the *Steel Steamer*

Port of *Greenock*
Date, First Survey *18th March 1910* Last Survey *25th October 1910*
DRUMCRAIG

No. *1590*
25th October 1910

TONNAGE under *4409.23*
Tonnage Deck *4409.23*
Do. between Tonnage Dk. and 3rd and 4th Dk. *1.13*
Total under Upper Dk. *4409.23*
Do. of Poop (Hulk) *1.13*
Do. of R.Q.Dk. *10.65*
Do. of Bridge House *65.96*
Do. of Forecastle *132.21*
Do. of Houses on Dk. *22.67*
Do. of excess of Hatchways *21.67*
Do. above Crown of Engine Room *4662.52*
Gross Tonnage *4662.52*
Less Crew Space *144.76*
Less above Crown of Engine Room *21.67*
TONNAGE FOR FEES *4496.09*
Less Engine Room *1492.01*
Less Navigation Spaces *89.61*

CLASS *+ 100A*
Breadth (greatest moulded) *52.0*
Depth, at middle of length from top of keel to top of upper deck beams at side *28.25*
Transverse Number *80.25*
Length on deck from fore part of stem to after part of stern post *410.0*
Longitudinal Number *32902.5*
Depth "d", at middle of length (See Secs. 2 & 13) *16.66*
Proportions—Depths to Length—Upper Deck Beam at side to top of keel *14.51*
" " Long Bridge Deck Beam at side to top of keel *11.31*

Rig *Schooner*
Master *Alex Hodgson*
Year of appointment *As Master in service of owner of present vessel—1910*
Built at *Port Glasgow*
When built *1910* **Launched** *1st Oct 1910*
By whom built *Russell & Co*
Owners *Astral Shipping Co Ltd*
Managers *J. Shadwick & Son*
Residence *Liverpool*
Port belonging to *Liverpool*

Register Tonnage *2936.14* **Destined Voyage** *River Plate* **Surveyed while Building** *Afloat, or in Dry Dock*

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>410</i>	<i>0</i>		<i>52</i>	<i>0</i>		<i>25</i>	<i>9</i>		<i>2</i>
									<i>2</i>

Dimensions of Ship per Register, Length *410* breadth *52.25* depth *25.7* Moulded depth, ft. *26* ins. *3* To Bridge Dk. Round of Upper Dk. Beam, Actual *13* ins.

FRAMING.				PILLARS.			
Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
FRAME, Angles, or E or L Bars amidships				PILLARS, In 'tween Deck, size and spacing			
Do. in peaks	<i>6</i>	<i>3 1/2</i>	<i>48</i>	" " Hold	<i>2 1/2</i>	<i>52</i>	<i>2 1/2</i>
Do. in way of Double Bottoms at Solid Floors	<i>6</i>	<i>3 1/2</i>	<i>36</i>	" Quarter 'tween Dks.,	<i>4</i>		<i>4</i>
" " at intermdt. Bkts.	<i>3 1/2</i>	<i>3 1/2</i>	<i>40</i>	" " in Hold			
Spacing of Frames from centre to centre amidships	<i>26</i>		<i>26</i>	KEELSONS & STRINGERS.			
" " length to Collision bulkhead	<i>26</i>		<i>26</i>	CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate			
" " in peaks	<i>24</i>		<i>24</i>	Do. Rider Plate			
REVERSED FRAME, Angles	<i>6</i>	<i>3 1/2</i>	<i>46</i>	Do. Flat Plate Keel Angles			
Do. in way of Double Bottoms at Solid Floors	<i>3 1/2</i>	<i>3 1/2</i>	<i>4</i>	Do. Horizontal Plates on Floors			
" " at intermdt. Bkts.	<i>9 x 6</i>		<i>9 x 6</i>	Do. Angles or Bulb Angles			
FRAMING, depth of girder	<i>9 x 6</i>		<i>9 x 6</i>	SIDE KEELSONS, Number			
FLOORS, depth and thickness of Floor Plate at mid line for 1 length amidships				Do. Angles or Bulb Angles			
" in way of Engine and Boiler Spaces				Do. Plate above floors, for length			
" thickness at the ends of vessel				Do. Intercoastal Plate, for length			
" depth at 1/2 the half breadth, as per Rule				Do. Attached to outside Plating with Angle			
" height extended at the Bilges				BILGE KEELSON, Angles			
FLOORS & BRACKETS in Cell Dble Bottoms	<i>4</i>		<i>4</i>	Do. Intercoastal Plate for length			
" state if flanged (top & bottom)				Do. Attached to outside Plating with Angle			
" Spacing	<i>26</i>		<i>26</i>	SIDE STRINGERS, Number <i>one</i>			
CENTRE GIRDER, in Dbl. bottom, dpth. & thicknss.	<i>43</i>	<i>5</i>	<i>43</i>	Do. Angle	<i>6 1/2</i>	<i>3 1/2</i>	<i>5</i>
" Angles, Top	<i>3 1/2</i>	<i>3 1/2</i>	<i>5</i>	Do. Intercoastal Plate, for whole length	<i>4 1/4</i>		<i>4 1/4</i>
" Bottom	<i>4 1/2</i>	<i>4 1/2</i>	<i>6</i>	Do. Attached to outside plating with Angle	<i>3 1/2</i>	<i>3 1/2</i>	<i>4 1/4</i>
" to Floors	<i>5</i>	<i>5</i>	<i>56</i>	Upper Deck Stringer Plate, br'dth & thickness	<i>53</i>	<i>5</i>	<i>61-35</i>
SIDE GIRDERS, number on each side & thickness	<i>2</i>	<i>4</i>	<i>2</i>	Do. (clear of Bridge)	<i>61</i>	<i>48</i>	<i>61</i>
" state if flanged (top and bottom)	<i>3 1/2</i>	<i>3 1/2</i>	<i>4</i>	Do. br'dth & thickness (in way of Bridge)	<i>5</i>	<i>5</i>	<i>64</i>
" Angles (top and bottom)	<i>3</i>	<i>3</i>	<i>4</i>	Do. Angle (clear of Bridge)			
" to Floors	<i>3</i>	<i>3</i>	<i>4</i>	Do. Tie Plate at sides of Hatchways			
MARGIN PLATE, depth (exclusive of flange) and thickness	<i>55</i>	<i>48</i>	<i>33</i>	Do. Deck * Iron or Steel, for whole lng.			
" Angles to Outside Plating	<i>5</i>	<i>3 1/2</i>	<i>4</i>	Do. Thickness (clear of Bridge) in well		<i>55</i>	<i>46-34</i>
" Floors	<i>5</i>	<i>3 1/2</i>	<i>4</i>	Do. (in way of Bridge)		<i>4</i>	<i>4</i>
" Height of Brackets above at bilge	<i>25</i>		<i>25</i>	Do. Wood Deck, Material & thickness			
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	<i>72</i>	<i>5</i>	<i>5</i>	Second Deck Stringer Plate, br'dth & thickness	<i>47</i>	<i>44</i>	<i>47</i>
" in Engine and Boiler space	<i>6 1/2</i>	<i>6 1/2</i>	<i>6 1/2</i>	Do. Angles on ditto, No. <i>2</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>48</i>
" Remainder in Holds	<i>4</i>		<i>4</i>	Do. Tie Plates outside Hatchways	<i>3</i>	<i>3</i>	<i>48</i>
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>8</i>	<i>3</i>	<i>36</i>	Do. Deck * Iron or Steel, for whole lng.			
" Angles on upper edge	<i>8</i>	<i>3</i>	<i>36</i>	Do. Wood Deck, Material & thickness			
" In way of Long Bridge	<i>8</i>	<i>3</i>	<i>36</i>	Third Deck Stringer Plate, br'dth & thickness			
" Spacing	<i>52</i>		<i>52</i>	Do. Angles on ditto, No.			
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>9</i>	<i>3 1/2</i>	<i>42</i>	Do. Tie Plates, outside Hatchways			
" Angles on upper edge	<i>9</i>	<i>3 1/2</i>	<i>42</i>	Do. Deck * Material and thickness			
" Spacing	<i>52</i>		<i>52</i>	Fourth and Fifth Deck Stringer Plate, breadth & thickness			
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>9</i>	<i>3 1/2</i>	<i>46</i>	Do. Angles on ditto, No.			
" Angles on upper edge	<i>9</i>	<i>3 1/2</i>	<i>46</i>	Do. Tie Plates outside Hatchways			
" Spacing	<i>52</i>		<i>52</i>	Do. Deck, Material & thickness			
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>9</i>	<i>3 1/2</i>	<i>46</i>	Poop Deck Stringer Plate, breadth & thickness	<i>35</i>	<i>34</i>	<i>35</i>
" Angles on upper edge	<i>9</i>	<i>3 1/2</i>	<i>46</i>	Do. Angle on ditto	<i>3 1/2</i>	<i>3 1/2</i>	<i>34</i>
" Spacing	<i>52</i>		<i>52</i>	Do. Tie Plates			
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>6</i>	<i>3</i>	<i>42</i>	Do. Deck, Material and thickness	<i>steel</i>	<i>35</i>	<i>3</i>
" Angles on upper edge	<i>6</i>	<i>3</i>	<i>42</i>	Bridge Deck Stringer Plate, br'dth & thickness	<i>57</i>	<i>58</i>	<i>57</i>
" Spacing	<i>52</i>		<i>52</i>	Do. Angle on ditto	<i>5 1/2</i>	<i>5</i>	<i>6</i>
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>8</i>	<i>3 1/2</i>	<i>4</i>	Do. Tie Plates			
" Angles on upper edge	<i>8</i>	<i>3 1/2</i>	<i>4</i>	Do. Deck, Material and thickness where exposed	<i>steel</i>	<i>45</i>	<i>4</i>
" Spacing	<i>52</i>		<i>52</i>	Do. (covered)	<i>35</i>	<i>34</i>	<i>35</i>
				Forecastle Deck Stringer Plate, br'dth & th'kns	<i>35</i>	<i>34</i>	<i>35</i>
				Do. Angle on ditto	<i>3 1/2</i>	<i>3 1/2</i>	<i>34</i>
				Do. Tie Plates			
				Do. Deck, Material and thickness	<i>2 1/2</i>	<i>steel sheathing with 2 1/2</i>	<i>25 x 2 1/2</i>

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 36.5 ft., R.Q.D. ✓ ft., Bridge 249.16 ft., Forecastle 44 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 it should appear in the Register Book) 2 stks (etc)

Official No. 131304; Signal Letters ✓

State if Machinery is fitted off amidships

How are the surfaces preserved from oxidation? Inside by Portland cement and paint Outside by paint

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

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<u>125.66</u>	<u>406</u>	Fore peak tank,		<u>70</u>
Double bottom, under Engines and Boilers,			After peak tank,		<u>73</u>
Double bottom, if under Engines only,	<u>23.83</u>	<u>99</u>	Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	<u>184.16</u>	<u>626</u>	Other tanks, if fitted,		
	Total capacity of double bottom	<u>1131</u>	(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. 2580

Date 18th Feby 1910

No. 618 in builder's yard.

Dates of Surveys held while building

1910. March 18. 21. 22. 23. 29. 30. Apr. 1. 8. 12. 19. 21. 22. 25. 26. May. 3. 4. 6. 11. 16. 17. 18. 19. 23. 30. 31. June 3. 8. 10. 13. 16. 17. 21. 28. July 1. 6. 20. 22. 25. 26. 28. Aug. 5. 8. 10. 12. 17. 19. 23. 24. 26. Sept. 1. 2. 5. 7. 9. 10. 13. 14. 19. 20. 21. 22. 23. 28. 29. 30. Oct. 25.

© 2020 Total No. of Visits 67

Surveyor's Signature

J. Bennett

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