

With or Without Disconnected Erections.

STEEL STEAMER.

WED. 28 MAR. 1917

Received at London Office

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

Date of completion of report *24th March 1917*

Port of *Greenock*

No. *17127*

Survey held at *Port Glasgow*

Date, First Survey *19th March 1915*

Last Survey *21st March 1917*

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

Single Screw Steamer

Rig *Schooner*

TONNAGE under

CLASS *100A1*

FEET.

Master *D. H. Boyd*

Year of appointment

(1) As Master in service of owner of present vessel:—1912
(2) As Master of this vessel:—1917

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

Breadth (greatest moulded) *55.68*

Total under Upper Dk. *5360.90*

Depth, at middle of length from top of keel to top of upper deck beams at side *31.31*

Do. of *Upper House*

Transverse Number *86.99*

Do. of *Lower House*

Length on deck from fore part of stem to after part of stern post *142.50*

Do. of Forecastle *95.84*

Longitudinal Number *36753.27*

Do. of Houses on Dk. *41.52*

Depth "d," at middle of length (See Secs. 2 & 13) *19.18*

Do. of excess of Hatchways *41.52*

Proportions—Depths to Length—Upper Deck Beam at side to top of keel *13.49*

Do. above Crown of Engine Room *14.33*

" " Long Bridge Deck Beam at side to top of keel *10.81*

Gross Tonnage *5690.62*

Less Crew Space *179.60*

Less above Crown of Engine Room *14.33*

TONNAGE FOR FEES *5496.69*

Less Engine Room *1821.00*

Less Navigation Spaces *76.80*

Register Tonnage *3613.22*

Destined Voyage *not known*

If 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>422</i>	<i>6</i>		<i>55</i>	<i>84</i>		<i>28</i>	<i>93</i>		<i>2</i>
						<i>20</i>	<i>04</i>		<i>2</i>

Moulded depth, ft. <i>39</i>	ins. <i>04</i>	To Bridge Dk.	Round of Upper Dk. Beam, Actual	<i>14</i>	ins.
Moulded depth, ft. <i>31</i>	ins. <i>34</i>	To Upper Dk.			

Dimensions of Ship per Register. Length *142.3* breadth *56* depth *28.7*

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 Bars amidships				PILLARS, in 'tween Deck, size and spacing			
Do. in peaks	<i>7</i>	<i>3 1/2</i>	<i>58</i>	" " Hold	"	"	"
Do. in way of Double Bottoms at Solid Floors	<i>6 1/2</i>	<i>3 1/2</i>	<i>38</i>	" Quarter 'tween Dks.,	"	"	"
" " at intermdt. Bkts.	<i>8</i>	<i>3 1/2</i>	<i>46</i>	" " in Hold	"	"	"
Spacing of Frames from centre to centre amidships	<i>36</i>		<i>36</i>	KEELSONS & STRINGERS.			
" " length to Collision bulkhead	<i>27</i>		<i>27</i>	CENTRE LINE KEELSON, Vertical Plates above floors, Through Plate, or Intercoastal Plate			
" " in peaks	<i>24</i>		<i>24</i>	" Rider Plate			
REVERSED FRAME, Angles	<i>7</i>	<i>3 1/2</i>	<i>58</i>	" Flat Plate Keel Angles			
Do. in way of Double Bottoms at Solid Floors	<i>3 1/2</i>	<i>3 1/2</i>	<i>42</i>	" Horizontal Plates on Floors			
" " at intermdt. Bkts.	<i>8</i>	<i>3 1/2</i>	<i>42</i>	" Angles or Bulb Angles			
FRAMING, depth of girder	<i>10 1/2</i>		<i>10 1/2</i>	SIDE KEELSONS, Number			
FLOORS, depth and thickness of Floor Plate at mid-line for length amidships	<i>6.40</i>		<i>6.55</i>	" Angles or Bulb Angles			
" in way of Engine and Boiler Spaces	<i>6.40</i>		<i>6.50</i>	" Plate above floors, for length			
" thickness at the ends of vessel				" Intercoastal Plate, for length			
" depth at 1/2 the half breadth, as per Rule				" Attached to outside Plating with Angle			
" height extended at the Bilges				BILGE KEELSON, Angles			
FLOORS in Cell. Double Bottoms				" Intercoastal Plate for length			
" state if flanged (top & bottom)				" Attached to outside Plating with Angle			
" Spacing of Solid floors	<i>14 1/2</i>		<i>52</i>	SIDE STRINGERS, Number <i>2</i> side stringers in No. 1 hold			
CENTRE GIRDER, in Dbl. bottom, dpth. & thknss.	<i>14 1/2</i>		<i>52</i>	" Angle	<i>7 1/2</i>	<i>60</i>	<i>7 3/2</i>
" Angles, Top	<i>3 1/2</i>	<i>3 1/2</i>	<i>52</i>	" Intercoastal Plate, for full length	<i>14 1/2</i>		<i>14 1/2</i>
" " Bottom	<i>4 1/2</i>	<i>4 1/2</i>	<i>60</i>	" Attached to outside plating with Angle			
" " to Floors	<i>5</i>	<i>5</i>	<i>58</i>	Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	<i>63</i>	<i>68</i>	<i>63</i>
" Brackets at intermdt. frmg., wdth & thknss	<i>39</i>		<i>40</i>	" " " " (br'dth & thickness in way of Bridge)	<i>5</i>	<i>5</i>	<i>70</i>
SIDE GIRDERS, number on each side & thickness	<i>2</i>		<i>40</i>	" " " " Angle (clear of Bridge)	<i>5</i>	<i>5</i>	<i>70</i>
" state if flanged (top and bottom)				" " Tie Plate at sides of Hatchways			
" Angles (top and bottom)	<i>3 1/2</i>	<i>3 1/2</i>	<i>42</i>	" Deck * Iron or Steel, for whole lng.	<i>52</i>		<i>52</i>
" " to Floors	<i>3</i>	<i>3</i>	<i>40</i>	" Thickness (clear of Bridge)	<i>42</i>		<i>42</i>
MARGIN PLATE, depth (exclusive of flange) and thickness	<i>37</i>		<i>52</i>	" " (in way of Bridge)			
" Angle to Outside Plating				" Wood Deck, Material & thickness			
" " Floors	<i>5</i>	<i>3 1/2</i>	<i>42</i>	Second Deck Stringer Plate, br'dth & thickness	<i>48</i>	<i>48</i>	<i>48</i>
" Brackets at intermdt. frmg., wdth & thknss	<i>39</i>		<i>40</i>	" Angles on ditto, No. <i>2</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>48</i>
Height of Outside Brackets above at bilge	<i>30 1/2</i>		<i>30 1/2</i>	" Tie Plates outside Hatchways			
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	<i>66</i>		<i>50</i>	" Deck * Iron or Steel, for whole lng.	<i>38</i>		<i>38</i>
" " in Engine and Boiler space	<i>6 1/4</i>		<i>6 1/4</i>	" Wood Deck, Material & thickness			
" " Remainder in Holds	<i>46</i>		<i>46</i>	Third Deck Stringer Plate, br'dth & thickness			
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>9</i>	<i>3</i>	<i>50</i>	" Angles on ditto, No.			
" In way of Long Bridge	<i>9</i>	<i>3</i>	<i>50</i>	" Tie Plates, outside Hatchways			
" Spacing	<i>36</i>		<i>36</i>	" Deck * Material and thickness			
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>10</i>	<i>3 1/2</i>	<i>56</i>	Fourth and Fifth Deck Stringer Plate, breadth & thickness			
" Spacing	<i>36</i>		<i>36</i>	" Angles on ditto, No.			
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>9 1/2</i>	<i>3 1/2</i>	<i>50</i>	" Tie Plates outside Hatchways			
" Angles on upper edge	<i>48</i>		<i>48</i>	" Deck, Material & thickness	<i>36</i>	<i>36</i>	<i>36</i>
" Spacing	<i>36</i>		<i>36</i>	Poop Deck Stringer Plate, breadth & thickness	<i>36</i>	<i>36</i>	<i>36</i>
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>8 1/2</i>	<i>3</i>	<i>48</i>	" Angle on ditto	<i>3 1/2</i>	<i>3 1/2</i>	<i>36</i>
" Angles on upper edge	<i>36</i>		<i>36</i>	" Tie Plates			
" Spacing	<i>36</i>		<i>36</i>	" Deck, Material and thickness	<i>44</i>		<i>44</i>
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>9 1/2</i>	<i>3 1/2</i>	<i>50</i>	Forecastle Deck Stringer Plate, br'dth & th'kns	<i>36</i>	<i>36</i>	<i>36</i>
" Angles on upper edge	<i>54</i>		<i>54</i>	" Angle on ditto	<i>3 1/2</i>	<i>3 1/2</i>	<i>36</i>
" Spacing	<i>54</i>		<i>54</i>	" Tie Plates			
				" Deck, Material and thickness	<i>25</i>	<i>25</i>	<i>25</i>

EQUIPMENT No.	No.	LETTER	A+	ANCHORS.	TONNAGE D.K. OR PLATING NO. FOR TRAWLERS			
Number of Certificate	Anchor.	Weight, lbs. STOK	Weight of Chain Cable	Test, per Certificate	Weight Required by Table 31	Description of Anchor.	Makers.	Where and when tested and Superintendent.
21188	1st Bower ...	68 3 14	4100 feet ends	53 5 0 0	68 0 0	Bypass Stockless	W.L. Bygones & Co Ltd	Sum 15.11.16 L.H. Hoffmann
21369	2nd "	68 3 14	sufficient for	53 5 0 0	68 0 0	"	"	16.1.17
21439	3rd "	58 2 0	c.s. heads	47 10 0 0	58 2 0	"	"	7.2.17
	4th "	19 6 1 0			19 4 2 0			
23139	Stream ...	19 0 24	5 0 24	20 1 3 14	19 0 0	Ordinary	H. Bygones & Co Ltd	Sum 15.8.16 S.C. Baird
23140	Kedge	8 0 12	2 0 4	10 5 0 0	8 0 0			

CHAIN CABLES.										HAWTERS AND WARPS.									
Number of Certificate	Length and size supplied.	Test per Certificate	Weight of Chain Cable	Length and Size per Table 31.	Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material	Length and Size supplied.	Breaking Test of Steel Wire Towline.	Length and Size per Table 31.								
9701	270 2 3/4	464 13 1/2	724 3 1/4	23 7	Steel link H. Bygones & Co Ltd	Sum 11.8.16 L.H. Hoffmann	Crad M 7.6.16 S.C. Baird	POWLINE 8 1/2 W	170 2 3/4	15 1/2	120 5 1/4								
20000	4	"	"	"	2 shackles	"	"	HAWTERS & WARPS	90 2 3/4	15 1/2	180 2 3/4								
	90 5	59 1/2	720 3 1/4	24 0	3 S.W. Walbrook & Co Ltd	Sum 26.1.17	"	"	90 2 3/4	15 1/2	90 7								

Boats 2 life and 2 others
Pumps, Number as per approved plan
Windlass is by Emerson Walker Thompson Bros & Co
Engine Room Skylights.—How constructed? of steel plates & angles What arrangements for deadlights in bad weather? bullseyes in lids
Coal Bunker Openings.—How constructed? of steel plates & angles How are lids secured? by bars & stopauling Height above deck? 30
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 5 scuppers and 5 freeing ports on each side
Ceiling in Holds, thickness and material 2 1/2 lb at hatch covers & bulkheads Cargo Battens, thickness and material 2 W.P.
Cargo Hatchways.—How formed? of steel plates & angles Hatches, If strong and efficient? Yes
State size No. 1 Hatch (Forward) 24 1/2 x 18 No. 2 Hatch 30 x 18 No. 3 Hatch 18 x 16 No. 4 Hatch 33 x 18 No. 5 24 x 18
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch 3 web plates nos 1 & 5, 4 in nos 2 in no 3, 5 in no 4
no fore & afters
Bulwarks, height above deck and description 4-3 of steel plate Main Rail, material and size 6 x 3 B.A.
The foregoing is a correct description
Builder's Signature Russell G. Perdue Surveyor's Signature J. Bennett
Surveyor to Lloyd's Register of British and Foreign Shipping.

Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case)
3/12/16 m 1/15 m 22/15 m 2/15 m 12/15 m 17/16 m 12/3/17 m 19/3/17 m Hubbard 27/2/17 m
Workmanship. Are the butts of plating planned or otherwise fitted? planned
Is the riveted work properly closed? yes
Are the liners between the frames and plates solid single pieces? yes Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? yes Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? yes Do any rivets break into or through the seams or butts of the plating? a few
Are the butts of Plating, Stringers, &c., properly shifted and strapped? yes
Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? yes State results of tests satisfactory
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? yes State results of tests satisfactory
General Remarks (State quality of workmanship, &c.) The workmanship is good and the vessel has been built in accordance with the Rules and to the approved plans (13 in no) forwarded herewith

Sister vessel to SS Elean Stuart Sub Vty Rpt no 17066
The Surveyor should state the Number of Report and Name of any Sister Vessel.
Plans to be forwarded with F.E. Report showing vessel as built.

The amount of Entry Fee £ 5 : 0 : 0 Fees applied for, 22 March 1917
Special Survey Fee £ 16 : 8 : 6 Received by me, 26/3/17
Travelling Expenses, if any £
State whether the Vessel has been built under Special Survey yes
I am of opinion this Vessel should be Classed * 100A 1 Intermediate B.H. and 1 tween deck B.H.
dispensed with 5 B.H. to upper deck 1 B.H. to second deck only
With or without Freeboard, as condition of Class
Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute GLASGOW. 27 MAR. 1917
Character assigned - 100A
3.17
Lloyd's Assoc
+ L.M.C. 3.17. 7D.
1 Intermediate B.H. & 1 tween deck B.H.
dispensed with 5 B.H. to upper deck
1 B.H. to Second Deck only

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 37.75 ft., R.Q.D. ✓ ft., Bridge 123 ft., Forecastle 43 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 Plank (cell)
Official No. not known; Signal Letters ✓ State if Machinery is fitted aft 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,	132	415	Fore peak tank,		31
Double bottom, under Engines and Boilers,	42		After peak tank,	36	1109
Double bottom, ^{tank} under Engines only,		105	Deep tank, aft,		✓
Double bottom, if under Boilers only,			Deep tank, forward,		✓
Double bottom, forward,	186	661	Other tanks, if fitted,		✓
Total capacity of double bottom			(If necessary, furnish further information by sketch.)		
1181			State whether the above have been tested as required by the Rules. <u>yes</u>		

* The wells are not to be included in the lengths of the tanks. 300
Order for Special Survey No. 2828
Date 25-1-15
No. 691 in builder's yard.
DATES of Surveys held while building
1915 March 19. Apr 6-8-20-23-28-29-30. May 3. 1916 Apr 3-4-13-18-19-24-25-26-28. May 1-2-3-4-8-12-15-19-22-29-31
June 1-2-9-14-26-27-28-29-30. July 4-6-7-13-14-17-18. Aug 8-10-22-25-28-30. Sept. 1-4-8-11-13-18-20-21-25-28
Oct 2-10-16-25-31. Nov 1-16-27-28. Dec 4-5-11-18-20. 1917 Jan 12-15-16-17-18-19-22-24-25-26-29.
Feb 1-2-9-23-27. March 2-6-9-13-15-16-19-20-21.

Surveyor's Signature J. Bennett
Lloyd's Register Foundation