

With or Without Disconnected Erections.

STEEL STEAMER.

Received at London Office. WED. APR. 29. 1914

Date of completion of report 24 April 1914 Port of Glasgow
 Survey held at Old Kilpatrick Date, First Survey 12 Feb 1913 Last Survey 22 April 1914
 On the Steel Steamer "ORANIAN" Rig Schooner
 Tonnage under Tonnage Deck... 3682.47 CLASS +100 A1.
 Do. between Tonnage Dk. and 3rd and 4th Dk. ✓
 Total under Upper Dk. 3682.47
 Do. of Poop 72.77
 Do. of R.Q.Dk. ✓
 Do. of Bridge House 6.12
 Do. of Forecastle 8.90
 Do. of Houses on Dk. 150.96
 Do. of excess of Hatchways 21.27
 Do. above Crown of Engine Room ✓
 Gross Tonnage 3942.49
 Less Crew Space 128.25
 Less above Crown of Engine Room ✓
 Tonnage for Fees 3814.24
 Less Engine Room 1261.60
 Less Navigation Spaces 104.72
 Breadth (greatest moulded) 47.5
 Depth, at middle of length from top of keel to top of upper deck beams at side 29.5
 Transverse Number 77.0
 Length on deck from fore part of stem to after part of stern post 364.66
 Longitudinal Number 28078
 Depth "d," at middle of length (See Secs. 2 & 13) 18.34
 Proportions—Depths to Length—Upper Deck Beam at side to top of keel 12.3
 " " Long Bridge Deck Beam at side to top of keel 9.8
 Master Robert Philip Lattin
 Year of appointment (1) As Master in service of owner of present vessel: 1914
 (2) As Master of this vessel 1914
 Built at Old Kilpatrick
 When built 1914-4 Launched 11.3.14
 By whom built Hopier & Miller Ltd.
 Owners F. Leyland & Co. Ltd.
 Managers (Where necessary to be entered in Reg. Book.)
 Residence Liverpool
 Port belonging to Liverpool

| Feet. | Inches. | BREADTH— | Feet. | Inches. | DEPTH, ACTUAL— | Feet. | Inches. | No. of Decks with flat laid |
|---|---------|----------|-------|---------|---|-------|---------|-----------------------------|
| 364 | 8 | Moulded | 47 | 6 | Top of Floors to top of Upper Dk. Beams | 27 | 1 | 2 |
| | | | | | Do. do. do. Second Dk. Beams | 19 | 1 | 2 |
| Moulded depth, ft. <u>27</u> ins. <u>0</u> To Bridge Dk. Round of Upper Dk. Beam, Actual <u>12</u> ins. | | | | | | | | |
| Moulded depth, ft. <u>29</u> ins. <u>6</u> To Upper Dk. | | | | | | | | |

| FRAMING. | | | | PILLARS. | | | |
|--|-----------------|-----------------|---------------------------------|--|-----------------|---------------------------------|---------------------------|
| Inches in Ship. | Inches in Ship. | Inches in Ship. | Inches per Rule Or as Approved. | Inches in Ship. | Inches in Ship. | Inches per Rule Or as Approved. | Inches per Rule Approved. |
| BARS amidships <u>9 1/2</u> <u>3 1/2</u> <u>.52</u> <u>9 1/2</u> <u>3 1/2</u> <u>.52</u> | | | | PILLARS, In 'tween Deck, size and spacing | | | |
| in peaks <u>7</u> <u>3 1/2</u> <u>.42</u> <u>6 1/2</u> <u>3 1/2</u> <u>.42</u> | | | | " " Hold <u>5 1/2</u> <u>50</u> <u>5 1/2</u> <u>50</u> | | | |
| in way of Double Bottoms at Solid Floors <u>3 1/2</u> <u>3 1/2</u> <u>.38</u> <u>3 1/2</u> <u>3 1/2</u> <u>.38</u> | | | | " " Quarter 'tween Dks., " " | | | |
| " " at intermdt. Bkts. <u>5 1/2</u> <u>3 1/2</u> <u>.44</u> <u>5 1/2</u> <u>3 1/2</u> <u>.44</u> | | | | " " in Hold " " | | | |
| of Frames from centre to centre amidships <u>25</u> <u>✓</u> <u>25</u> | | | | KEELSONS & STRINGERS. | | | |
| " " length to Collision bulkhead <u>24</u> <u>✓</u> <u>24</u> | | | | CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate | | | |
| " " in peaks <u>24</u> <u>✓</u> <u>24</u> | | | | " Rider Plate | | | |
| CURVED FRAME, Angles <u>✓</u> | | | | " Flat Plate Keel Angles | | | |
| in way of Double Bottoms at Solid Floors <u>3 1/2</u> <u>3 1/2</u> <u>.38</u> <u>3 1/2</u> <u>3 1/2</u> <u>.38</u> | | | | " Horizontal Plates on Floors | | | |
| " " at intermdt. Bkts. <u>none</u> | | | | " Angles or Bulb Angles | | | |
| ING, depth of girder <u>9 1/2</u> <u>9 1/2</u> | | | | SIDE KEELSONS, Number | | | |
| RS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships | | | | " Angles or Bulb Angles | | | |
| in way of Engine and Boiler Spaces | | | | " 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 | | | |
| RS & BRACKETS in Cell Dble Bottoms <u>38</u> <u>38</u> | | | | " Intercoastal Plate for length | | | |
| " state if flanged (top & bottom) <u>no</u> | | | | " Attached to outside Plating with Angle | | | |
| " Spacing <u>solid floor on alt. fl.</u> | | | | SIDE STRINGERS, Number <u>Fore end only</u> <u>2</u> <u>2</u> | | | |
| GIRDER, in Dbl. bottom, dpth. & thcknss. <u>41</u> <u>.50</u> <u>41</u> <u>.50</u> | | | | " face Angle <u>5</u> <u>4</u> <u>.40</u> <u>5</u> <u>4</u> <u>.40</u> | | | |
| " Angles, Top <u>4 1/2</u> <u>4 1/2</u> <u>.58</u> <u>4 1/2</u> <u>4 1/2</u> <u>.58</u> | | | | " Intercoastal Plate, for length <u>30</u> <u>.40</u> <u>30</u> <u>.40</u> | | | |
| " " Bottom <u>4 1/2</u> <u>4 1/2</u> <u>.58</u> <u>4 1/2</u> <u>4 1/2</u> <u>.58</u> | | | | " Attached to outside plating with Angle <u>3 1/2</u> <u>3 1/2</u> <u>.38</u> <u>3 1/2</u> <u>3 1/2</u> <u>.38</u> | | | |
| " " to Floors <u>5</u> <u>.52</u> <u>5</u> <u>.52</u> | | | | Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge) | | | |
| GIRDERS, number on each side & thickness <u>200</u> <u>.36</u> <u>200</u> <u>.36</u> | | | | " " " " br'dth & thickness (in way of Bridge) | | | |
| " state if flanged (top and bottom) <u>no</u> | | | | " " " " Angle (clear of Bridge) <u>4 1/2 x 4 1/2</u> <u>.62</u> <u>4 1/2 x 4 1/2</u> <u>.62</u> | | | |
| " Angles (top and bottom) <u>3 1/2</u> <u>3 1/2</u> <u>.38</u> <u>3 1/2</u> <u>3 1/2</u> <u>.38</u> | | | | " Tie Plate at sides of Hatchways <u>✓</u> | | | |
| " " to Floors <u>3</u> <u>.38</u> <u>3</u> <u>.38</u> | | | | Deck * Iron or Steel, for <u>full</u> lng. <u>✓</u> | | | |
| N PLATE, depth (exclusive of flange) and thickness <u>32</u> <u>.44</u> <u>32</u> <u>.44</u> | | | | " Thickness (clear of Bridge) <u>.40</u> <u>.40</u> | | | |
| " Angles to Outside Plating <u>3 1/2</u> <u>3 1/2</u> <u>.44</u> <u>3 1/2</u> <u>3 1/2</u> <u>.44</u> | | | | " (in way of Bridge) <u>.34</u> <u>.34</u> | | | |
| " " Floors <u>5</u> <u>.48</u> <u>5</u> <u>.48</u> | | | | Wood Deck. Material & thcknss <u>✓</u> | | | |
| " Height of Brackets above at bilge <u>23</u> <u>.23</u> | | | | Second Deck Stringer Plate, br'dth & thickness <u>66</u> <u>.40</u> <u>66</u> <u>.40</u> | | | |
| BOTTOM PLATING, breadth and thickness of Middle Line Strake <u>54</u> <u>.48</u> <u>54</u> <u>.48</u> | | | | " Angles on ditto, No. <u>2</u> <u>3 1/2 x 3 1/2</u> <u>.46</u> <u>3 1/2 x 3 1/2</u> <u>.46</u> | | | |
| " " in Engine and Boiler space <u>46</u> <u>.58</u> <u>46</u> <u>.58</u> | | | | " Tie Plates outside Hatchways <u>✓</u> | | | |
| " Remainder in Holds <u>42</u> <u>.42</u> | | | | Deck * Iron or Steel, for <u>full</u> lng. <u>30</u> <u>.30</u> | | | |
| Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel <u>8 1/2</u> <u>3</u> <u>.46</u> <u>8 1/2</u> <u>3</u> <u>.46</u> | | | | Wood Deck. Material & thickness <u>✓</u> | | | |
| Angles on upper edge <u>✓</u> | | | | Third Deck Stringer Plate, br'dth & thickness | | | |
| In way of Long Bridge | | | | " Angles on ditto, No. | | | |
| Spacing <u>25</u> <u>25</u> | | | | " Tie Plates, outside Hatchways | | | |
| Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel <u>9</u> <u>3 1/2</u> <u>.48</u> <u>9</u> <u>3 1/2</u> <u>.48</u> | | | | Deck * Material and thickness | | | |
| Angles on upper edge <u>✓</u> | | | | Fourth and Fifth Deck Stringer Plate, breadth & thickness | | | |
| Spacing <u>25</u> <u>25</u> | | | | " " " Angles on ditto, No. | | | |
| Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel <u>8 1/2</u> <u>3</u> <u>.46</u> <u>8 1/2</u> <u>3</u> <u>.46</u> | | | | " " " Tie Plates outside Hatchways | | | |
| Angles on upper edge <u>✓</u> | | | | " " " Deck. Material & thickness | | | |
| Spacing <u>25</u> <u>25</u> | | | | Poop Deck Stringer Plate, breadth & thickness <u>71</u> <u>.34</u> <u>71</u> <u>.34</u> | | | |
| Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel <u>8 1/2</u> <u>3</u> <u>.46</u> <u>8 1/2</u> <u>3</u> <u>.46</u> | | | | " Angle on ditto <u>3 1/2 x 3 1/2</u> <u>.34</u> <u>3 1/2 x 3 1/2</u> <u>.34</u> | | | |
| Angles on upper edge <u>✓</u> | | | | " Tie Plates <u>26</u> <u>.26</u> | | | |
| Spacing <u>50</u> <u>50</u> | | | | " Deck. Material and thickness <u>Pitch full</u> <u>.26</u> <u>.26</u> | | | |
| BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel <u>8</u> <u>3</u> <u>.44</u> <u>8</u> <u>3</u> <u>.44</u> | | | | Bridge Deck Stringer Plate, br'dth & thickness <u>49</u> <u>.50</u> <u>49</u> <u>.50</u> | | | |
| Angles on upper edge <u>✓</u> | | | | " Angle on ditto <u>4 1/2 x 4 1/2</u> <u>.56</u> <u>4 1/2 x 4 1/2</u> <u>.56</u> | | | |
| Spacing <u>25</u> <u>25</u> | | | | " Tie Plates <u>✓</u> | | | |
| BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel <u>8</u> <u>3</u> <u>.44</u> <u>8</u> <u>3</u> <u>.44</u> | | | | Deck. Material and thickness <u>Steel</u> <u>.34</u> <u>.34</u> | | | |
| Angles on upper edge <u>✓</u> | | | | Forecastle Deck Stringer Plate, br'dth & th'kns <u>60</u> <u>.34</u> <u>60</u> <u>.34</u> | | | |
| Spacing <u>25</u> <u>25</u> | | | | " Angle on ditto <u>3 1/2 x 3 1/2</u> <u>.34</u> <u>3 1/2 x 3 1/2</u> <u>.34</u> | | | |
| | | | | " Tie Plates <u>✓</u> | | | |
| | | | | " Deck. Material and thickness <u>Steel</u> <u>.34</u> <u>.26</u> | | | |

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

GENERAL REMARKS—(continued).

[Faint, mostly illegible handwritten text in the upper section of the form, likely bleed-through from the reverse side.]

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 38 ft., R.Q.D. ☒ ft., Bridge 140 ft., Forecastle 67 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) 2 tiers (steel)
 Official No. 135574 ; Signal Letters _____ State if Machinery is fitted aft no
 How are the surfaces preserved from oxidation? Inside Cement Paint 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. on girders on floors

| Where Fitted. | *Length. Feet. | Water Capacity. Tons. | Where Fitted. | *Length. Feet. | Water Capacity. Tons. |
|---|---------------------------------|--------------------------|--|-------------------|--------------------------|
| Double bottom, aft, | <u>95.84</u> | <u>200</u> | Fore peak tank, | <u>21.75</u> | <u>110</u> |
| Double bottom, under Engines and Boilers, | <u>58.33</u> | <u>185</u> | After peak tank, | <u>12</u> | <u>40</u> |
| Double bottom, if under Engines only, | | | Deep tank, aft, | | |
| Double bottom, if under Boilers only, | | | Deep tank, forward, | | |
| Double bottom, forward, | <u>158.33</u> | <u>387</u> | Other tanks, if fitted, | | |
| | Total capacity of double bottom | <u>772</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. 4741

Date 21-2-13

No. 195 in builder's yard.

DATES of Surveys held while building

1913 Feb 12-17-19-21- Apr 7 May 14-19-22-27-30 June 4-9-17-25 July 3-7-11-16-31
Aug 5-8-13-15-18-20-22-25-27 Sept 5-8-10-15-17-19-22-24-26 Oct 1-3-6-8-10-13-17-20-24-27
Nov 3-5-7-12-14-17-24-26-28 Dec 1-3-8-10-15-19-26-29 1914 Jan 9-12-16-19-21-26-30
Feb 2-4-6-11-13-20-22-25-27 Mar 2-4-6-7-10-14-16-25-31 Apr 1-2-6-10-15-17-20-22

Total No. of Visits 98

Surveyor's Signature W. Watt

Lloyd's Register Foundation

pt. 4.
 e of writing Report 16.
 in Survey held a
 g. Book.
 on the
 aster R. P. Ge
 gines made at
 ilers made at
 gistered Horse Powe
 m. Horse Power as p
 GINES, &c.—
 a. of Cylinders 25
 the screw shaft fitted
 the propeller boss
 woen the bearings in
 ers are fitted, is the
 ia. of Tunnel shaft as per
 as fit
 llars 15" Dia. of
 o. of Feed pumps 2
 o. of Bilge pumps 2
 o. of Donkey Engines
 Engine Room 2.
 Tunnels
 o. of Bilge Injections 1
 re all the bilge suction p
 re all connections with
 re they fixed sufficiently
 re they each fitted with a
 That pipes are carried
 re all Pipes, Cocks, V
 re the Bilge Suction I
 Dates of examination o
 s the Screw Shaft Tw
 OILERS, &c.—
 Total Heating Surfac
 Working Pressure
 Can each boiler be wor
 ach boiler Double
 Smallest distance between
 Per centages of strength
 Size of compensating rin
 Length of plain part
 Working pressure of fur
 Pitch of stays to ditto
 Material of stays S
 Material S This
 area
 Diameter at smallest
 Thickness 1 1/16" Mater
 Diameter of tubes 3
 Pitch across wide
 thickness of girder at
 Working pressure by
 separately L
 holes Pitch of
 If stiffened with rings
 Working pressure of