

With or Without Disconnected Erections.

STEEL STEAMER.

Received at London Office **FRI MAY 10 1918**

Date of completion of report 22 Mar 1918 State of Report is also sent on the Machinery of the Vessel Yes
 Survey held at Nagasaki Port of Nagasaki No. 1174
 Date, First Survey 22 Mar 1917 Last Survey 18 Mar 1918 1918

On the (State if Single, Twin, or Triple Screw) Single Screw Steel **TAMA MARU** Rig Schooner
TONNAGE under
 Tonnage Deck... CLASS 100 A-1
 Do. between Tonnage Dk. } **Breadth** (greatest moulded)..... 44-25
 and 3rd and 4th Dk. }
 Total under Upper Dk. 2608-36 **Depth**, at middle of length from top of keel to top of }
 Do. of Poop..... 63-30 upper deck beams at side..... } 27-00
 Do. of R.Q.Dk. }
 of Bridge House..... 179-09 **Transverse Number**..... 171-25
 of Forecastle..... 56-35
 of Houses on Dk. 92-99 **Length** on deck from fore part of stem to after part of }
 of excess of Hatchways } 311-00
 above Crown of }
 Engine Room... } 17-28 **Longitudinal Number**..... 22158-75
ss Tonnage..... 3041-71 **Depth "d,"** at middle of length (See Secs. 2 & 13) 16-25
 Crew Space..... 154-51 **Proportions—Depths to Length—Upper Deck Beam at** }
 above Crown of } 11-52
 Engine Room... } 17-28 " " Long Bridge Deck }
 Navigation Spaces..... 30-53 Beam at side to top of keel } 19-01
 of Tanks..... 50-83
ster Tonnage..... 1832-49 **Destined Voyage** Yokohama If Surveyed while Building, Afloat, or in Dry Dock Building

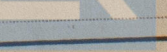
Master Y. Yano (1) As Master in service of owner of present vessel:—1918
 Year of appointment (2) As Master of this vessel:—1918
 Built at Nagasaki
 When built 1918 Launched 20 Jan'y 1918
 By whom built Matsuo Iron Works, Sh. Yd.
 Owners Yokio Kaim, Katsuhiko Katsura
 Managers S. S.
 (Where necessary to be entered in Reg. Book.)
 Residence Yokio
 Port belonging to Amagasaki

LENGTH on Deck 311 **BREADTH** Moulded 44 **DEPTH, ACTUAL**—Top of Floors to top of Upper Dk. Beams 16
 as per Rule 311 0 Do. do. do. do. Second Dk. Beams 16
 Dimensions of Ship per Register, Length 311 breadth 44-25 depth 27-0 Moulded depth, ft. 34 ins. 6 To Bridge Dk. Round of Upper
 Moulded depth, ft. 27 ins. 0 To Upper Dk. Dk. Beam, Actual } 11 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. |
| NAME, Angles, or E or L Bars amidships | <u>8 1/2</u> | <u>3 1/2</u> | <u>50</u> | <u>8 1/2</u> | <u>3 1/2</u> | <u>50</u> | PILLARS, In 'tween Deck, size and spacing | <u>wide span</u> | <u>in plan</u> | | |
| Do. in peaks | <u>5 1/2</u> | <u>3 1/2</u> | <u>34</u> | <u>5 1/2</u> | <u>3 1/2</u> | <u>34</u> | " " Hold | " | " | " | " |
| Do. in way of Double Bottoms at Solid Floors... | <u>3 1/2</u> | <u>3 1/2</u> | <u>36</u> | <u>3 1/2</u> | <u>3 1/2</u> | <u>36</u> | " Quarter 'tween Dks., | " | " | " | " |
| " " at intermdt. Bkts. | " | " | " | " | " | " | " in Hold | " | " | " | " |
| acing of Frames from centre to centre amidships | <u>24 1/2</u> | " | " | <u>24 1/2</u> | " | " | KEELSONS & STRINGERS. | | | | |
| " " from 1/2 length to Collision bulkhead | <u>24 1/2</u> | " | " | <u>24 1/2</u> | " | " | CENTRE LINE KEELSON, Vertical Plate above | | | | |
| " " in peaks.. | <u>6 1/2</u> | <u>3 1/2</u> | <u>50</u> | <u>7</u> | <u>3 1/2</u> | <u>48</u> | floors, Through Plate, or Intercostal Plate | | | | |
| VERSED FRAME, Angles.. <u>N. 2 1/2</u> | <u>8</u> | <u>3 1/2</u> | <u>50</u> | <u>7</u> | <u>3 1/2</u> | <u>48</u> | " Rider Plate | | | | |
| Do. in way of Double Bottoms at Solid Floors... | <u>3 1/2</u> | <u>3 1/2</u> | <u>36</u> | <u>3 1/2</u> | <u>3 1/2</u> | <u>36</u> | " Flat Plate Keel Angles | | | | |
| " " at intermdt. Bkts. | " | " | " | " | " | " | " Horizontal Plates on Floors | | | | |
| ACING, depth of girder | <u>8 1/2</u> | <u>10 1/2</u> | " | <u>8 1/2</u> | <u>10 1/2</u> | " | " Angles or Bulb Angles | | | | |
| FLOORS, depth and thickness of Floor Plate | " | " | " | " | " | " | " Angles or Bulb Angles | | | | |
| at mid-line for 1/2 length amidships... | <u>E 3/8</u> | <u>5-16</u> | " | <u>E 3/8</u> | <u>5-16</u> | " | " Plate above floors, for | | | | |
| " in way of Engine and Boiler Spaces | " | " | " | " | " | " | " Intercostal Plate, for | | | | |
| " thickness at the ends of vessel | " | " | <u>38</u> | " | " | <u>38</u> | Attached to outside Plating with Angle... | | | | |
| " depth at 1/2 the half breadth, as per Rule ... | " | " | " | " | " | " | BILGE KEELSON, Angles | <u>3 1/2</u> | <u>3 1/2</u> | <u>42</u> | <u>3 1/2</u> |
| " height extended at the Bilges | " | " | " | " | " | " | " Intercostal Plate for | <u>2 1/2</u> | <u>50</u> | <u>24</u> | <u>50</u> |
| FLOORS in Cell. Double Bottoms | <u>39</u> | <u>36</u> | <u>39</u> | <u>36</u> | <u>36</u> | <u>36</u> | " Attached to outside Plating with Angle ... | <u>3 1/2</u> | <u>3 1/2</u> | <u>46</u> | <u>3 1/2</u> |
| " state if flanged (top & bottom)..... | " | <u>20</u> | " | <u>20</u> | " | " | SIDE STRINGERS, Number | <u>9</u> | <u>3 1/2</u> | <u>52</u> | <u>9</u> |
| " Spacing of Solid floors | <u>24 1/2</u> | " | <u>24 1/2</u> | " | " | " | " Angle | <u>6 1/2</u> | <u>3 1/2</u> | <u>46</u> | <u>6 1/2</u> |
| CENTRE GIRDER, in Dbl. bottom, dpth. & thknss. | <u>39</u> | <u>48</u> | <u>39</u> | <u>48</u> | <u>48</u> | <u>48</u> | " Intercostal Plate, for | <u>4</u> | <u>42</u> | <u>42</u> | <u>42</u> |
| " Angles, Top | <u>5</u> | <u>5</u> | <u>50</u> | <u>5</u> | <u>5</u> | <u>50</u> | " Attached to outside plating with Angle | <u>3</u> | <u>3</u> | <u>42</u> | <u>3</u> |
| " Bottom | <u>4</u> | <u>4</u> | <u>58</u> | <u>4</u> | <u>4</u> | <u>58</u> | Upper Deck Stringer Plate, br'dth & thickness | | | | |
| " to Floors | <u>5</u> | <u>5</u> | <u>50</u> | <u>5</u> | <u>5</u> | <u>50</u> | (clear of Bridge) | <u>49</u> | <u>52</u> | <u>49</u> | <u>52</u> |
| " Brackets at intermdt. frmg., wdth & thknss | " | " | " | " | " | " | " br'dth & thickness | <u>49</u> | <u>48</u> | <u>49</u> | <u>48</u> |
| DE GIRDERS, number on each side & thickness | <u>1</u> | <u>34</u> | <u>1</u> | <u>34</u> | <u>34</u> | <u>34</u> | (in way of Bridge) | <u>4 1/2 x 4 1/2</u> | <u>54</u> | <u>4 1/2 x 4 1/2</u> | <u>54</u> |
| " state if flanged (top and bottom) | <u>20</u> | " | <u>20</u> | " | " | " | " Angle (clear of Bridge) ... | " | " | " | " |
| " Angles (top and bottom) | <u>3 1/2</u> | <u>3 1/2</u> | <u>36</u> | <u>3 1/2</u> | <u>3 1/2</u> | <u>36</u> | " Tie Plate at sides of Hatchways | " | " | " | " |
| " to Floors | <u>3</u> | <u>3</u> | <u>36</u> | <u>3</u> | <u>3</u> | <u>36</u> | " Deck * Iron or Steel, for | <u>34</u> | <u>40</u> | <u>34</u> | <u>40</u> |
| RGIN PLATE, depth (exclusive of flange) | <u>130</u> | <u>42</u> | <u>30</u> | <u>42</u> | <u>42</u> | <u>42</u> | " Thickness (clear of Bridge) | <u>34</u> | <u>40</u> | <u>34</u> | <u>40</u> |
| " and thickness | <u>3 1/2</u> | <u>3 1/2</u> | <u>42</u> | <u>3 1/2</u> | <u>3 1/2</u> | <u>42</u> | " (in way of Bridge) | <u>40</u> | <u>30</u> | <u>40</u> | <u>30</u> |
| " Angle to Outside Plating | <u>5</u> | <u>3 1/2</u> | <u>36</u> | <u>5</u> | <u>3 1/2</u> | <u>36</u> | " Wood Deck. Material & thickness | " | " | " | " |
| " Floors | " | " | " | " | " | " | Second Deck Stringer Plate, br'dth & thickness | <u>44</u> | <u>42</u> | <u>44</u> | <u>42</u> |
| " Brackets at intermdt. frmg., wdth & thknss | " | " | " | " | " | " | " Angles on ditto, No. | <u>3 1/2 x 3 1/2</u> | <u>42</u> | <u>3 1/2 x 3 1/2</u> | <u>42</u> |
| " Height of Outside Brackets above at bilge | <u>34</u> | " | <u>34</u> | " | " | " | " Tie Plates outside Hatchways | " | " | " | " |
| VER BOTTOM PLATING, breadth and | <u>39</u> | <u>44</u> | <u>39</u> | <u>44</u> | <u>44</u> | <u>44</u> | " Deck * Iron or Steel, for | <u>30</u> | " | <u>30</u> | " |
| " thickness of Middle Line Strake | <u>E 1/4</u> | <u>8 1/2</u> | <u>E 1/4</u> | <u>8 1/2</u> | <u>8 1/2</u> | <u>8 1/2</u> | " Wood Deck. Material & thickness | " | " | " | " |
| " in Engine and Boiler space | " | " | " | " | " | " | Third Deck Stringer Plate, br'dth & thickness | " | " | " | " |
| " Remainder in Holds | " | <u>36</u> | " | <u>36</u> | <u>36</u> | <u>36</u> | " Angles on ditto, No. | " | " | " | " |
| AMS, Upper Deck, Single Angle, Bulb | <u>7 1/2</u> | <u>13</u> | <u>42</u> | <u>7 1/2</u> | <u>3</u> | <u>42</u> | " Tie Plates, outside Hatchways | " | " | " | " |
| " Angle, Plate, Tee Bulb, or Channel | " | " | " | " | " | " | " Deck * Material and thickness | " | " | " | " |
| " In way of Long Bridge | " | " | " | " | " | " | Fourth and Fifth Deck Stringer Plate, breadth & thickness | " | " | " | " |
| " Spacing | <u>24 1/2</u> | " | <u>24 1/2</u> | " | " | " | " Angles on ditto, No. | " | " | " | " |
| BEAMS, Second Deck, Single Angle, Bulb | <u>8</u> | <u>3</u> | <u>44</u> | <u>8</u> | <u>3</u> | <u>44</u> | " Tie Plates outside Hatchways | " | " | " | " |
| " Angle, Plate, Tee Bulb, or Channel | " | " | " | " | " | " | " Deck. Material & thickness | " | " | " | " |
| " Spacing | <u>24 1/2</u> | " | <u>24 1/2</u> | " | " | " | Poop Deck Stringer Plate, breadth & thickness | <u>30</u> | <u>32</u> | <u>30</u> | <u>32</u> |
| BEAMS, Third and Fourth Deck, Single Angle, | " | " | " | " | " | " | " Angle on ditto | <u>3 x 3</u> | <u>32</u> | <u>3 x 3</u> | <u>32</u> |
| " Bulb Angle, Plate, Tee Bulb, or Channel | " | " | " | " | " | " | " Tie Plates | <u>15</u> | <u>32</u> | <u>15</u> | <u>32</u> |
| " Angles on upper edge | " | " | " | " | " | " | " Deck. Material and thickness | <u>3</u> | " | <u>3</u> | " |
| " Spacing | " | " | " | " | " | " | Bridge Deck Stringer Plate, br'dth & thickness | <u>49</u> | <u>52</u> | <u>49</u> | <u>52</u> |
| BEAMS, Poop Deck, Angle, Bulb Angle, Plate, | <u>8 1/2</u> | <u>3</u> | <u>50</u> | <u>8 1/2</u> | <u>3</u> | <u>50</u> | " Angle on ditto | <u>4 1/2 x 4 1/2</u> | <u>54</u> | <u>4 1/2 x 4 1/2</u> | <u>54</u> |
| " Tee Bulb, or Channel | " | " | " | " | " | " | " Tie Plates | " | " | " | " |
| " Angles on upper edge | " | " | " | " | " | " | " Deck. Material and thickness | <u>3</u> | " | <u>3</u> | " |
| " Spacing | <u>48</u> | <u>49</u> | <u>48</u> | <u>49</u> | <u>49</u> | <u>49</u> | Forecastle Deck Stringer Plate, b'dth & th'kns | <u>30</u> | <u>32</u> | <u>30</u> | <u>32</u> |
| BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, | <u>7</u> | <u>3</u> | <u>40</u> | <u>7</u> | <u>3</u> | <u>40</u> | " Angle on ditto | <u>3 x 3</u> | <u>32</u> | <u>3 x 3</u> | <u>32</u> |
| " Tee Bulb, or Channel | " | " | " | " | " | " | " Tie Plates | <u>5-6</u> | <u>32</u> | <u>15</u> | <u>32</u> |
| " Angles on upper edge | " | " | " | " | " | " | " Deck. Material and thickness | <u>3</u> | " | <u>3</u> | " |
| " Spacing | <u>24 1/2</u> | " | <u>24 1/2</u> | " | " | " | * If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon. | | | | |
| BEAMS, Forecastle Deck, Angle, Bulb Angle, | <u>8 x 3 1/2</u> | <u>3 1/2</u> | <u>46</u> | <u>8 x 3 1/2</u> | <u>3 1/2</u> | <u>46</u> | | | | | |
| " Plate, Tee Bulb, or Channel | " | " | " | " | " | " | | | | | |
| " Angles on upper edge | " | " | " | " | " | " | | | | | |
| " Spacing | <u>48</u> | <u>49</u> | <u>48</u> | <u>49</u> | <u>49</u> | <u>49</u> | | | | | |

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GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 21 ft., R.Q.D. ft., Bridge 77.6 ft., Forecastle 41.5 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 Dk (etc) except No 2 hold.
Official No. 1417; Signal Letters P-1417. State if Machinery is fitted aft 200.
How are the surfaces preserved from oxidation? Inside Paint & Cement, Bitumastic in Outside. Paint
bunkers & tank top under boilers

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, | 87 | 163.7 | Fore peak tank, | 17 | 82.5 |
| Double bottom, under Engines and Boilers, | 53 | 156.2 | After peak tank, | 16 | 78.5 |
| Double bottom, if under Engines only, | | | Deep tank, aft, | | |
| Double bottom, if under Boilers only, | | | Deep tank, forward, | | |
| Double bottom, forward, | 124 | 302.3 | Other tanks, if fitted, | | |
| Total capacity of double bottom | | 622.2 | (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.

Date 5 June 1916

No. 58 in builder's yard.

Dates of Surveys held while building

1917
Mar 22, June 18, July 6, 10, 27 Aug 1, 24 Sept 12, 18 Oct 2, 5, 23 Nov 11
1918
Dec 5, 18 Jan 7, 15 Feb 2, 14, 16, 21, 25, 26 Mar 5, 11, 14, 17, 18

Total No. of Visits 28

Surveyor's Signature G. D. Cuthbert