

With or Without  
Disconnected Erections.

STEEL STEAMER.

Received at London Office JUL 19 1917

Date of completion of report 12 July 1917  
Survey held at Nagasaki

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

Port of Nagasaki

No. 1138

Date, First Survey May 19-1916

Last Survey July 9

1917

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

*S.S. "CALCUTTA MARU" Single Screw Rig Schooner*

TONNAGE under

CLASS *+100 A1.*

FEET.

Master *O. Sakamoto*

Year of appointment

(1) As Master in service of  
owner of present vessel:—1915  
(2) As Master of this  
vessel:—July 1917

Built at *Nagasaki*

When built *7.17* Launched *7 June 1917*

By whom built *Nitubishi Dockyard, Ltd.*

Owners *Nippon Yusen Kaisha*

Managers *✓*

(Where necessary to be entered in Reg. Book.)

Residence *Tokio*

Port belonging to *Tokio*

Do. between Tonnage Dk. and 3rd and 4th Dk. }  
Total under Upper Dk. *4825.67*  
Do. of Poop *67.11*  
Do. of R.Q.Dk. *✓*  
Do. of Bridge House *12.68*  
Do. of Forecastle *60.67*  
Do. of Houses on Dk. *203.11*  
Do. of excess of Hatchways *21.80*  
Do. above Crown of Engine Room *35.17*  
Gross Tonnage *5226.23*  
Less Crew Space *263.61*  
Less above Crown of Engine Room *35.17*  
Tonnage for Fees *4933.45*  
Less Engine Room *1672.39*  
Less Navigation Spaces *42.34*  
Purks' Tonnage *59.80*  
Register Tonnage as cut on Beam *3188.09*

Breadth (greatest moulded) *54.5*  
Depth, at middle of length from top of keel to top of upper deck beams at side *30.0*  
Transverse Number *84.5*  
Length on deck from fore part of stem to after part of stern post *140.0*  
Longitudinal Number *33800*  
Depth "d," at middle of length (See Secs. 2 & 13) *17-10 1/2*  
Proportions—Depths to Length—Upper Deck Beam at side to top of keel *13.3*  
" " Long Bridge Deck Beam at side to top of keel *10.6*

Destined Voyage *Kobe*

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

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>400</i>	<i>0</i>		<i>54</i>	<i>6</i>		Do. do. do. do. Second Dk. Beams	<i>27</i>	<i>6 1/2</i>	<i>2</i>
							<i>19</i>	<i>0 1/2</i>	<i>2</i>

Dimensions of Ship per Register, Length *400* breadth *54.5* depth *30* Moulded depth, ft. *37* ins. *9* To Bridge Dk. Round of Upper Dk. Beam, Actual *13 5/8* ins. Moulded depth, ft. *30* ins. *0* To Upper Dk.

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 per Rule Or as Approved.	Inches per Rule Or as Approved.	
FRAME, Angles, or <i>✓</i> Bars amidships	<i>10 3/4 x 3 1/2</i>	<i>60</i>	<i>10 1/2 x 3 1/2</i>	<i>44</i>	<i>44</i>	PILLARS, In 'tween Deck, size and spacing	<i>wide spaced su plan</i>				
Do. in peaks	<i>3. A.</i>	<i>7 1/2</i>	<i>3 1/2</i>	<i>44</i>	<i>44</i>	" " Hold	" "	" "	" "	" "	
Do. in way of Double Bottoms at Solid Floors	<i>4</i>	<i>3 1/2</i>	<i>40</i>	<i>4</i>	<i>3 1/2</i>	" Quarter 'tween Dks.,	" "	" "	" "	" "	
" " <i>3. A.</i> at intermdt. Bkts.	<i>8</i>	<i>3 1/2</i>	<i>44</i>	<i>8</i>	<i>3 1/2</i>	" " in Hold	" "	" "	" "	" "	
Spacing of Frames from centre to centre amidships	<i>✓</i>	<i>33</i>		<i>33</i>		KEELSONS & STRINGERS.					
" " " " from <i>1/2</i> length to Collision bulkhead	<i>✓</i>	<i>27</i>		<i>27</i>		CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercostal Plate					
" " " " in peaks	<i>✓</i>	<i>24</i>		<i>24</i>		" Rider Plate					
REVERSED FRAME, Angles <i>3/4 x 3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>40</i>	<i>3 1/2</i>	<i>40</i>	" Flat Plate Keel Angles					
Do. in way of Double Bottoms at Solid Floors	<i>flanged</i>			<i>flanged</i>		" Horizontal Plates on Floors					
" " <i>3. A.</i> at intermdt. Bkts.	<i>8</i>	<i>3</i>	<i>42 1/2</i>	<i>8</i>	<i>3</i>	" Angles or Bulb Angles					
FRAMING, depth of girder	<i>✓</i>	<i>10</i>		<i>10 1/2</i>		SIDE KEELSONS, Number					
FLOORS, depth and thickness of Floor Plate at mid-line for <i>1/2</i> length amidships	<i>✓</i>	<i>E 40 B 50</i>		<i>E 40 B 50</i>		" Angles or Bulb Angles					
" in way of Engine and Boiler Spaces	<i>✓</i>	<i>40</i>		<i>40</i>		" Plate above floors, for length					
" thickness at the ends of vessel	<i>✓</i>	<i>40</i>		<i>40</i>		" Intercostal Plate, for length					
" depth at <i>1/2</i> the half breadth, as per Rule	<i>✓</i>					" Attached to outside Plating with Angle					
" height extended at the Bilges	<i>✓</i>					BILGE KEELSON, Angles					
LOORS in Cell. Double Bottoms	<i>43</i>	<i>40</i>		<i>43</i>	<i>40</i>	" Intercostal Plate for length					
" state if flanged (top & bottom)	<i>✓</i>	<i>40</i>		<i>40</i>		" Attached to outside Plating with Angle					
" Spacing of Solid floors	<i>66</i>			<i>66</i>		SIDE STRINGERS, Number <i>2</i>					
ENTRE GIRDER, in Dbl. bottom, dpth. & thknss.	<i>43</i>	<i>50</i>		<i>43</i>	<i>50</i>	" " Angle	<i>3 1/2</i>	<i>3 1/2</i>	<i>52</i>	<i>3 1/2</i>	<i>3 1/2</i>
" " Angles, Top	<i>4 1/2</i>	<i>4 1/2</i>	<i>60</i>	<i>4 1/2</i>	<i>11 1/2</i>	" Intercostal Plate, for length	<i>28</i>	<i>44</i>		<i>28</i>	<i>44</i>
" " Bottom	<i>2</i>	"	"	"	"	" Attached to outside plating with Angle	<i>3 1/2</i>	<i>3 1/2</i>	<i>44</i>	<i>3 1/2</i>	<i>3 1/2</i>
" " to Floors	<i>5</i>	<i>5</i>	<i>56</i>	<i>5</i>	<i>56</i>	Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	<i>✓</i>	<i>61</i>	<i>66</i>	<i>61</i>	<i>66</i>
" Brackets at intermdt. frmng., wdth & thknss	<i>42</i>	<i>42</i>		<i>36</i>	<i>42</i>	" " " " br'dth & thickness (in way of Bridge)	<i>✓</i>	<i>61</i>	<i>48</i>	<i>61</i>	<i>48</i>
DE GIRDERS, number on each side & thickness	<i>2</i>	<i>40</i>		<i>2</i>	<i>40</i>	" " " " Angle (clear of Bridge)	<i>✓</i>	<i>5 x 5</i>	<i>70</i>	<i>5 x 5</i>	<i>70</i>
" state if flanged (top and bottom)	<i>40</i>			<i>40</i>		" " Tie Plate at sides of Hatchways	<i>✓</i>				
" Angles (top and bottom)	<i>3 1/2</i>	<i>3 1/2</i>	<i>40</i>	<i>3 1/2</i>	<i>40</i>	" Deck * <i>Iron</i> Steel, for length	<i>✓</i>	<i>52</i>		<i>52</i>	
" " to Floors	<i>flanged</i>			<i>flanged</i>		" " Thickness (clear of Bridge)	<i>✓</i>	<i>52</i>		<i>52</i>	
RGIN PLATE, depth (exclusive of flange) and thickness	<i>35</i>	<i>50</i>		<i>35</i>	<i>50</i>	" " (in way of Bridge)	<i>✓</i>	<i>40</i>		<i>40</i>	
" Angle to Outside Plating	<i>4</i>	<i>4</i>	<i>48</i>	<i>4</i>	<i>48</i>	" Wood Deck. Material & thickness	<i>✓</i>				
" " Floors	<i>5</i>	<i>3 1/2</i>	<i>40</i>	<i>5</i>	<i>3 1/2</i>	Second Deck Stringer Plate, br'dth & thickness	<i>✓</i>	<i>47</i>	<i>48</i>	<i>47</i>	<i>48</i>
" Brackets at intermdt. frmng., wdth & thknss	<i>30</i>	<i>42</i>		<i>30</i>	<i>42</i>	" Angles on ditto, No.	<i>flanged</i>		<i>flanged</i>		
" Height of Outside Brackets above at bilge	<i>32</i>			<i>29</i>		" Tie Plates outside Hatchways	<i>✓</i>				
ER BOTTOM PLATING, breadth and thickness of Middle Line Strake	<i>43</i>	<i>50</i>		<i>43</i>	<i>50</i>	" Deck * <i>Iron</i> Steel, for length	<i>✓</i>	<i>36</i>		<i>36</i>	
" " in Engine and Boiler space	<i>E 50 B 56</i>			<i>E 50 B 56</i>		" Wood Deck. Material & thickness	<i>✓</i>				
" " Remainder in Holds	<i>44</i>			<i>44</i>		Third Deck Stringer Plate, br'dth & thickness	<i>✓</i>				
MS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>8 1/2</i>	<i>3</i>	<i>46</i>	<i>8 1/2</i>	<i>3</i>	" Angles on ditto, No.	<i>✓</i>				
" In way of Long Bridge	<i>9</i>	<i>3 1/2</i>	<i>48</i>	<i>9</i>	<i>3 1/2</i>	" Tie Plates, outside Hatchways	<i>✓</i>				
" Spacing	<i>33</i>			<i>33</i>		" Deck * Material and thickness	<i>✓</i>				
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>9</i>	<i>3 1/2</i>	<i>56</i>	<i>9</i>	<i>3 1/2</i>	Fourth and Fifth Deck Stringer Plate, breadth & thickness	<i>✓</i>				
" Spacing	<i>33</i>			<i>33</i>		" " Angles on ditto, No.	<i>✓</i>				
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>✓</i>					" " Tie Plates outside Hatchways	<i>✓</i>				
" Angles on upper edge	<i>✓</i>					" " Deck. Material & thickness	<i>✓</i>				
" Spacing	<i>✓</i>					Poop Deck Stringer Plate, breadth & thickness	<i>✓</i>	<i>35</i>	<i>36</i>	<i>35</i>	<i>36</i>
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>7</i>	<i>3</i>	<i>44</i>	<i>7</i>	<i>3</i>	" Angle on ditto	<i>✓</i>	<i>3 1/2 x 3 1/2</i>	<i>36</i>	<i>3 1/2 x 3 1/2</i>	<i>36</i>
" Angles on upper edge	<i>8 1/2</i>	<i>3</i>	<i>48</i>	<i>8 1/2</i>	<i>3</i>	" Tie Plates	<i>✓</i>				
" Spacing	<i>33-48</i>			<i>33-48</i>		" Deck. Material and thickness	<i>Steel</i>	<i>30</i>		<i>30</i>	
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>8</i>	<i>3</i>	<i>46</i>	<i>8</i>	<i>3</i>	Bridge Deck Stringer Plate, br'dth & thickness	<i>✓</i>	<i>55</i>	<i>54</i>	<i>55</i>	<i>54</i>
" Angles on upper edge	<i>✓</i>					" Angle on ditto	<i>✓</i>	<i>5 x 5</i>	<i>60</i>	<i>5 x 5</i>	<i>60</i>
" Spacing	<i>33</i>			<i>33</i>		" Tie Plates	<i>✓</i>				
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>9 1/2 x 3 1/2 x 38</i>	<i>9 1/2</i>	<i>3 1/2</i>	<i>56</i>	<i>8</i>	" Deck. Material and thickness	<i>Steel</i>	<i>44</i>		<i>44</i>	
" Angles on upper edge	<i>✓</i>					Forecastle Deck Stringer Plate, br'dth & th'kns	<i>✓</i>	<i>35</i>	<i>36</i>	<i>35</i>	<i>36</i>
" Spacing	<i>✓</i>					" Angle on ditto	<i>✓</i>	<i>3 1/2 x 3 1/2</i>	<i>36</i>	<i>3 1/2 x 3 1/2</i>	<i>36</i>
	<i>48</i>	<i>54</i>		<i>48</i>	<i>54</i>	" Tie Plates	<i>✓</i>				
						" Deck. Material and thickness	<i>Steel</i>	<i>25</i>	<i>2 1/2</i>	<i>25</i>	<i>2 1/2</i>

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



Form No. 1A. WEB FRAMES, FORGINGS or CASTINGS, BULKHEADS, COLLISION PARTITION, LONGITUDINAL, PLATING, RIVETING, STRAKES, BUTTS, EDGES, UPPER DECK, SECOND DECK, FRAMES, REVERSED FRAMES, MASTS, SPARS, &c., LOWER MASTS, BOWSPRIT, TOPMASTS, YARDS AND REMAINDER OF SPARS, RIGGING, SAILS.

EQUIPMENT No. 35305, LETTER Z, ANCHORS, TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS, CHAIN CABLES, HAWSERS AND WARPS, Boats, Steering Gear, Steam, Steering Gear, Hand, Pumps, Windlass, Engine Room Skylights, Coal Bunker Openings, Number of Scuppers, Cargos in Holds, Cargos Hatchways, State size No. 1 Hatch, No. 2 Hatch, No. 3 Hatch, No. 4 Hatch, Number of Web Plates, Bulwarks, Correspondence, Workmanship, General Remarks, Committee's Minute, Character assigned.



GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 38.8 ft., R.Q.D.        ft., Bridge 121 ft., Forecastle 40 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 sk (steel)  
Official No.       ; Signal Letters        State if Machinery is fitted aft no  
How are the surfaces preserved from oxidation? Inside Paint & Cement bit on N°3 tank floor Outside Paint  
and under side of tank plating, boiler room tank top & bunkers.

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

Where Fitted.	Length.		Where Fitted.	Length.	
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	<u>126</u>	<u>35.5</u>	Fore peak tank,	<u>21</u>	<u>130</u>
Double bottom, under Engines and Boilers,	<u>46.75</u>	<u>17.5</u>	After peak tank,	<u>16</u>	<u>87</u>
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	<u>177</u>	<u>54.5</u>	Other tanks, if fitted,		
	Total capacity of double bottom	<u>107.5</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.         
Date 5/1/16  
No. 266 in builder's yard.  
DATES of Surveys held while building  
1916  
May 19. 20. Aug 17. Sept 4. 9. 13. 28. Oct 20. Nov 1. 12. 18. Jan 15. 24. 25. 30. Feb 3. 13. 22. 26.  
Mar 5. 6. 8. 10. 12. 18. 19. 21. 22. 23. 26. 28. 29. Apr 5. 6. 7. 11. 14. 16. 20. 21. 23. 24. 26. 27. May 1. 4. 5. 7. 8.  
11. 17. 19. 22. 23. 24. 28. 30. 11. June 1. 2. 7. 11. 13. 23. July 3. 8. 9.  
Total No. of Visits 67

Surveyor's Signature G. D. Aitken  
Lloyd's Register Foundation