

With or Without

STEEL STEAMER.

Received at London Office MON - 2 JUL 1917

Disconnected Erections.

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

Date of completion of report *24 May 1917*

Port of *Nagasaki*

No. *1129*

Survey held at *Nagasaki*

Date, First Survey *2 Nov 1916*

Last Survey *23 May 1917*

191

On the (State if Single, Twin, or Triple Screw) *Single S. "NAGANO MARU"*

Rig *Schooner*

TONNAGE under

Tonnage Deck...

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

Total under Upper Dk. *3468.20*

Do. of Poop *97.78*

Do. of R.Q.Dk. *50.47*

Do. of Bridge House *54.47*

Do. of Forecastle *115.49*

Do. of Houses on Dk. *23.62*

Do. of excess of Hatchways above Crown of Engine Room *3810.09*

Gross Tonnage *210.33*

Less Crew Space *3599.76*

Less above Crown of Engine Room *1219.23*

TONNAGE FOR FEES *29.12*

Less Engine Room *8.00*

Less Navigation Spaces *2343.41*

Register Tonnage as cut on Beam

CLASS *+100 A.1.*

FEET.

Breadth (greatest moulded) *50.00*

Depth, at middle of length from top of keel to top of upper deck beams at side *29.08*

Transverse Number *79.08*

Length on deck from fore part of stem to after part of stern post *345.00*

Longitudinal Number *27382.60*

Depth "d," at middle of length (See Secs. 2 & 13) *17.50*

Proportions—Depths to Length—Upper Deck Beam at side to top of keel *11.86*

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

Destined Voyage *Dairen*

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

Master *E. Takahashi*

Year of appointment (1) As Master in service of owner of present vessel—1914 (2) As Master of this vessel—*1917*

Built at *Nagasaki*

When built *1917* Launched *25 Apr. 1917*

By whom built *Mitsubishi D. & E. Sh.*

Owners *Nippon Yusen Kaisha*

Managers

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

Residence *Tokio*

Port belonging to *Tokio*

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>345</i>	<i>0</i>		<i>50</i>	<i>0</i>		Do. do. do. do. Second Dk. Beams	<i>26</i>	<i>8 1/2</i>	<i>2</i>

Dimensions of Ship per Register, Length <i>345</i> breadth <i>50</i> depth <i>29.08</i>	Moulded depth, ft. <i>36</i> ins. <i>10</i>	To Bridge Dk. Round of Upper Dk. Beam, Actual <i>12 1/2</i> ins.
	Moulded depth, ft. <i>29</i> ins. <i>1</i>	To Upper Dk.

FRAMING.				PILLARS.			
FRAME, Angles, or C or E Bars amidships				PILLARS, In 'tween Deck, size and spacing			
Do. in peaks	<i>10x3 1/2 x 3 1/2 x 44</i>	<i>10 1/2</i>	<i>3 1/2</i>	" " Hold	"	"	"
Do. in way of Double Bottoms at Solid Floors	<i>4 3 1/2 x 36</i>	<i>4</i>	<i>3 1/2</i>	" Quarter 'tween Dks.,	"	"	"
" " " " at intermdt. Bkts.	<i>8 3 1/2 x 46</i>	<i>8</i>	<i>3 1/2</i>	" " in Hold	"	"	"
Spacing of Frames from centre to centre amidships	<i>33</i>		<i>33</i>	KEELSONS & STRINGERS.			
" " " " from 1/2 length to Collision bulkhead	<i>27</i>		<i>27</i>	CENTRE LINE KEELSON, Vertical Plate above floors; Through Plate, or Intercoastal Plate			
" " " " in peaks	<i>24</i>		<i>24</i>	" Rider Plate			
REVERSED FRAME, Angles	<i>3 1/2 3 1/2 x 38</i>	<i>3 1/2</i>	<i>3 1/2</i>	" Flat Plate Keel Angles			
Do. in way of Double Bottoms at Solid Floors	<i>7 1/2 3 1/2 x 46</i>	<i>7 1/2</i>	<i>3 1/2</i>	" Horizontal Plates on Floors			
" " " " at intermdt. Bkts.	<i>2 10</i>		<i>10 1/2</i>	" Angles or Bulb Angles			
FRAMING, depth of girder	<i>E38 B48</i>		<i>E38 B48</i>	SIDE KEELSONS, Number			
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	<i>38</i>		<i>38</i>	" Angles or Bulb Angles			
" in way of Engine and Boiler Spaces	<i>60</i>		<i>60</i>	" Plate above floors, for length			
" thickness at the ends of vessel	<i>41 38</i>		<i>41 38</i>	" Intercoastal Plate, for length			
" depth at 1/2 the half breadth, as per Rule	<i>41 38</i>		<i>41 38</i>	" Attached to outside Plating with Angle			
" height extended at the Bilges	<i>66</i>		<i>66</i>	BILGE KEELSON, Angles			
FLOORS in Cell. Double Bottoms	<i>41 50</i>		<i>41 50</i>	" Intercoastal Plate for length			
" state if flanged (top & bottom)	<i>42 1/2 42 1/2 x 58</i>	<i>42 1/2</i>	<i>42 1/2</i>	" Attached to outside Plating with Angle			
" Spacing of Solid floors	<i>27 40</i>		<i>27 40</i>	SIDE STRINGERS, Number	<i>33-27</i>	<i>42</i>	<i>33-27</i>
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.	<i>2 36</i>		<i>2 36</i>	" " Angle	<i>3 1/2</i>	<i>3 1/2</i>	<i>46</i>
" " Angles, Top	<i>7 3 44</i>	<i>7</i>	<i>3</i>	" Intercoastal Plate, for whole length	<i>42</i>		<i>42</i>
" " " Bottom	<i>3 1/2 3 1/2 x 38</i>	<i>3 1/2</i>	<i>3 1/2</i>	" Attached to outside plating with Angle	<i>5</i>	<i>5</i>	<i>44</i>
" " " to Floors	<i>33 46</i>	<i>33</i>	<i>46</i>	Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	<i>53</i>	<i>54</i>	<i>53</i>
" Brackets at intermdt. frmg., wdth & thcknss	<i>27 40</i>		<i>27 40</i>	" " " " br'dth & thickness (in way of Bridge)	<i>53</i>	<i>54</i>	<i>53</i>
SIDE GIRDERS, number on each side & thickness	<i>2 36</i>		<i>2 36</i>	" " " " Angle (clear of Bridge)	<i>4 1/2 x 4 1/2</i>	<i>56</i>	<i>4 1/2 x 4 1/2</i>
" " state if flanged (top and bottom)	<i>2 36</i>		<i>2 36</i>	" " " " Tie Plate at sides of Hatchways	<i>3 1/2 x 3 1/2</i>	<i>44</i>	<i>3 1/2 x 3 1/2</i>
" " Angles (top and bottom)	<i>3 1/2 3 1/2 x 38</i>	<i>3 1/2</i>	<i>3 1/2</i>	" Deck * Iron or Steel, for whole lng.	<i>42</i>		<i>42</i>
" " " to Floors	<i>7 3 44</i>	<i>7</i>	<i>3</i>	" Thickness (clear of Bridge)	<i>42</i>		<i>42</i>
MARGIN PLATE, depth (exclusive of flange) and thickness	<i>33 46</i>	<i>33</i>	<i>46</i>	" " (in way of Bridge)	<i>42</i>		<i>42</i>
" " Angle to Outside Plating	<i>3 1/2 3 1/2 x 44</i>	<i>3 1/2</i>	<i>3 1/2</i>	" Wood Deck. Material & thickness	<i>none</i>		
" " " Floors	<i>5 3 1/2 x 38</i>	<i>5</i>	<i>3 1/2</i>	Second Deck Stringer Plate, br'dth & thickness	<i>46</i>	<i>44</i>	<i>46</i>
" Brackets at intermdt. frmg., wdth & thcknss	<i>27 40</i>		<i>27 40</i>	" Angles on ditto, No. flanged	<i>3 1/2</i>		<i>3 1/2</i>
" Height of Outside Brackets above at bilge	<i>23</i>		<i>23</i>	" Tie Plates outside Hatchways			
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	<i>41 48</i>	<i>41</i>	<i>48</i>	" Deck * Iron or Steel, for whole lng.	<i>32</i>		<i>32</i>
" " " in Engine and Boiler space	<i>E48 B54</i>	<i>E48</i>	<i>B54</i>	" Wood Deck. Material & thickness	<i>none</i>		
" " " Remainder in Holds	<i>42</i>		<i>42</i>	Third Deck Stringer Plate, br'dth & thickness			
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>7 1/2 3 42</i>	<i>7 1/2</i>	<i>3</i>	" Angles on ditto, No.			
" " " " In way of Long Bridge	<i>33</i>		<i>33</i>	" Tie Plates, outside Hatchways			
" " " " Spacing	<i>33</i>		<i>33</i>	" Deck * Material and thickness			
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>8 1/2 3 50</i>	<i>8 1/2</i>	<i>3</i>	Fourth and Fifth Deck Stringer Plate, breadth & thickness			
" " " " Spacing	<i>33</i>		<i>33</i>	" " " Angles on ditto, No.			
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>8 1/2 3 50</i>	<i>8 1/2</i>	<i>3</i>	" " " Tie Plates outside Hatchways			
" " " " Spacing	<i>33</i>		<i>33</i>	" " " Deck. Material & thickness			
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>8 1/2 3 50</i>	<i>8 1/2</i>	<i>3</i>	Poop Deck Stringer Plate, breadth & thickness	<i>33</i>	<i>34</i>	<i>33</i>
" " " " Spacing	<i>33</i>		<i>33</i>	" Angle on ditto	<i>3 1/2 x 3 1/2</i>	<i>34</i>	<i>3 1/2 x 3 1/2</i>
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>7 3 44</i>	<i>7</i>	<i>3</i>	" Tie Plates	<i>9</i>	<i>34</i>	<i>9</i>
" " " " Spacing	<i>33</i>		<i>33</i>	" Deck. Material and thickness	<i>0. P.</i>	<i>3</i>	<i>3</i>
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>8 3 42</i>	<i>8</i>	<i>3</i>	Bridge Deck Stringer Plate, br'dth & thickness	<i>38</i>	<i>40</i>	<i>38</i>
" " " " Spacing	<i>48-54</i>		<i>48-54</i>	" Angle on ditto	<i>3 1/2 x 3 1/2</i>	<i>40</i>	<i>3 1/2 x 3 1/2</i>
" " " " Spacing	<i>48-54</i>		<i>48-54</i>	" Tie Plates			
" " " " Spacing	<i>48-54</i>		<i>48-54</i>	" Deck. Material and thickness	<i>0. P.</i>	<i>30</i>	<i>30</i>
" " " " Spacing	<i>48-54</i>		<i>48-54</i>	Forecastle Deck Stringer Plate, br'dth & th'kns	<i>33</i>	<i>34</i>	<i>33</i>
" " " " Spacing	<i>48-54</i>		<i>48-54</i>	" Angle on ditto	<i>3 1/2 x 3 1/2</i>	<i>34</i>	<i>3 1/2 x 3 1/2</i>
" " " " Spacing	<i>48-54</i>		<i>48-54</i>	" Tie Plates			
" " " " Spacing	<i>48-54</i>		<i>48-54</i>	" Deck. Material and thickness	<i>0. P.</i>	<i>26</i>	<i>26</i>

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

WEB FRAMES. WEB-FRAMES, In Fore Body, No. and spacing. WEB-FRAMES, In E. & B. Space, No. and spacing. WEB-FRAMES, In After Body, No. and spacing. BULKHEADS. W.T. BULKHEADS. COLLISION PARTITION LONGITUDINAL. PLATING. STRAKES. RIVETING. BUTTS. MASTS, SPARS, &c. LOWER MASTS. BOWSPRIT. TOPMASTS, YARDS AND REMAINDER OF SPARS. RIGGING, Material and Size, Shrouds, Stays, and the following spare sails.

EQUIPMENT No. 28,435. LETTER W. ANCHORS. TONNAGE U. D.K. OR PLATING No. FOR TRAWLERS. CHAIN CABLES. HAWSERS AND WARPS. Boats. Steering Gear, Steam. Pumps, Number. Windlass. Engine Room Skylights. Coal Bunker Openings. Ceiling in Holds. Cargo Hatchways. Bulwarks. Correspondence. Workmanship. The vessel has been built in accordance with the approved plans. This vessel is a correct description of the vessel and engine works. Builder's Signature. Surveyor's Signature. Committee's Minute. Character assigned.

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 33 ft., R.Q.D. ✓ ft., Bridge 74 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 should appear in the Register Book) 2 sks (see)

Official No. later; Signal Letters later State if Machinery is fitted aft no

How are the surfaces preserved from oxidation? Inside Paint & Amant, bit rot in lumber Outside Paint
Boiler tank floors enamel, tank top under boiler bit

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>107</u>	<u>250</u>	Fore peak tank,	<u>10</u>	<u>27</u>
Double bottom, under Engines and Boilers,	<u>52</u>	<u>172</u>	After peak tank,		
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	<u>135</u>	<u>350</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.

Date 5/1/16

No. 267 in builder's yard.

DATES of Surveys held while building

1916
Nov. 2, 13, 16, 18, 28. Dec. 1, 4, 5, 6, 9, 11, 12, 15, 19, 22, 27. Jan. 15, 24, 28, 30. Feb. 5
22, 26. Mar. 5, 6, 10, 12, 13, 15, 16, 19, 21, 22, 26, 28, 29. Apr. 2, 5, 6, 9, 11, 14, 16, 17, 19, 20, 21, 23, 25
30 May. 2, 7, 9, 12, 17, 23

Total No. of Visits 58

Surveyor's Signature

G. D. Cuthbert

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