

With or Without Disconnected Erections.

STEEL STEAMER.

Received at London Office THU. JAN. 2. 18.

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

Completion of report *12 Dec 1917*
at **NAGASAKI**

Port of **NAGASAKI**

No. *1159*

Date, First Survey *6 Dec 1916*

Last Survey *5 Dec 1917* 191

State if Single, Twin, or Triple Screw

S. S. TOMIURA MARU

Rig *Schooner*

Age under
Deck...
Tonnage Dk.
3rd and 4th Dk.
under Upper Dk. *3468-26*

CLASS **100A1**

FEET.

Master *K. Suzuki*

Year of appointment (1) As Master in service of owner of present vessel: 1916 (2) As Master of this vessel: 1917

Poop *97-78*

Breadth (greatest moulded) *50-0*

R.Q.Dk. *50-47*

Depth, at middle of length from top of keel to top of upper deck beams at side *29-08*

Bridge House *54-47*

Transverse Number *79-08*

Forecastle *54-47*

Length on deck from fore part of stem to after part of stern post *345-0*

Houses on Dk. *115-49*

Longitudinal Number *27282-60*

Excess of Hatchways *23-62*

Depth "d," at middle of length (See Secs. 2 & 13) *17-50*

Crown of keel *3810-09*

Proportions—Depths to Length—Upper Deck Beam at side to top of keel *11-86*

Tonnage *210-33*

Long Bridge Deck *11-86*

new Space *3599-76*

Beam at side to top of keel *11-86*

Crown of keel *1219-23*

Destined Voyage *✓*

Navigation Spaces *29-12*

Beam at side to top of keel *11-86*

Water tank *8-00*

Beam at side to top of keel *11-86*

on Beam *2343-41*

Beam at side to top of keel *11-86*

Built at *Nagasaki*

When built *Dec 1917* Launched *14 Dec 1917*

By whom built *Mitsubishi Kisen K. K.*

Owners *Mitsubishi Kisen Kaisha Ltd.*

Managers *✓*

Residence *Tokio*

Port belonging to *Tokio*

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

DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid
Do. do. Second Dk. Beams	26	8 1/2	2
Do. do. Third Dk. Beams	18	2 1/2	No. of Tiers of Beams
Do. do. Fourth Dk. Beams			2

Moulded depth, ft. *36* ins. *10* To Bridge Dk. Round of Upper Dk. Beam, Actual *12 1/2* ins.

Moulded depth, ft. *29* ins. *1* To Upper Dk.

Dimensions of Ship per Register, Length *345* breadth *50* depth *29-08*

FRAMING. Inches in Ship. Inches in Ship. Inches in Ship. Inches in Ship. Inches in Ship. Inches in Ship.

ME, Angles, or C or E Bars amidships *10 x 3 1/2 x 44* *10 1/2* *3 1/2* *34*

in peaks *6 x 3 1/2* *36* *6* *3 1/2* *36*

in way of Double Bottoms at Solid Floors *4 x 3 1/2* *38* *4* *3 1/2* *38*

" " " " " " *8 x 3 1/2* *46* *8* *3 1/2* *46*

ing of Frames from centre to centre amidships *33* *33*

" " " " " " *27* *27*

" " " " " " *24* *24*

VERSE FRAME, Angles *3 1/2* *3 1/2* *38* *3 1/2* *3 1/2* *38*

in way of Double Bottoms at Solid Floors *flange* *flange*

" " " " " " *7 1/2* *3 1/2* *46* *7 1/2* *3 1/2* *46*

" " " " " " *10* *10*

MING, depth of girder *33* *33*

ORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships *33* *33*

in way of Engine and Boiler Spaces *38* *38*

thickness at the ends of vessel *38* *38*

depth at 1/2 the half breadth, as per Rule *38* *38*

height extended at the Bilges *38* *38*

ORS in Cell. Double Bottoms *41* *38* *41* *38*

state if flanged (top & bottom) *41* *38* *41* *38*

Spacing of Solid floors *66* *66*

TRE GIRDER, in Dbl. bottom, dpth. & thcknss. *41* *150* *41* *50*

" " Angles, Top *4 1/2* *4 1/2* *38* *4 1/2* *4 1/2* *38*

" " " Bottom *4 1/2* *4 1/2* *38* *4 1/2* *4 1/2* *38*

" " " to Floors *5* *5* *32* *5* *5* *32*

Brackets at intermdt. frmg., wdth & thcknss *27* *40* *27* *40*

E GIRDERS, number on each side & thickness *2* *36* *2* *36*

state if flanged (top and bottom) *2* *36* *2* *36*

Angles (top and bottom) *3 1/2* *3 1/2* *38* *3 1/2* *3 1/2* *38*

" " " to Floors *7* *3* *44* *7* *3* *44*

GIN PLATE, depth (exclusive of flange) *33* *46* *33* *46*

and thickness *3 1/2* *3 1/2* *44* *3 1/2* *3 1/2* *44*

" " Angle to Outside Plating *3 1/2* *3 1/2* *38* *3 1/2* *3 1/2* *38*

" " Floors *5* *3 1/2* *38* *5* *3 1/2* *38*

Brackets at intermdt. frmg., wdth & thcknss *27* *40* *27* *40*

Height of Outside Brackets above at bilge *23* *23*

ER BOTTOM PLATING, breadth and thickness of Middle Line Strake *41* *48* *41* *48*

" " in Engine and Boiler space *48* *48*

" " Remainder in Holds *42* *42*

BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel *7 1/2* *3* *42* *7 1/2* *3* *42*

In way of Long Bridge *33* *33*

" " Spacing *33* *33*

BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel *8 1/2* *3* *50* *8 1/2* *3* *50*

Spacing *33* *33*

BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel *8 1/2* *3* *50* *8 1/2* *3* *50*

Angles on upper edge *48* *48*

Spacing *48* *48*

BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel *7* *3* *44* *7* *3* *44*

Angles on upper edge *33* *33*

Spacing *33* *33*

BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel *8* *3* *42* *8* *3* *42*

Angles on upper edge *48* *48*

PILLARS. Inches in Ship. Inches in Ship. Inches in Ship. Inches in Ship. Inches in Ship. Inches in Ship.

PILLARS, In 'tween Deck, size and spacing *wide spaced as per plan*

" " Hold " "

" " Quarter 'tween Dks., " "

" " in Hold " "

KEELSONS & STRINGERS. Inches in Ship. Inches in Ship. Inches in Ship. Inches in Ship. Inches in Ship. Inches in Ship.

CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate

" Rider Plate *33-27* *42* *33* *27* *42*

" Flat Plate Keel Angles *3 1/2* *3 1/2* *46* *3 1/2* *3 1/2* *46*

" Horizontal Plates on Floors *3 1/2* *3 1/2* *46* *3 1/2* *3 1/2* *46*

" Angles or Bulb Angles *3 1/2* *3 1/2* *46* *3 1/2* *3 1/2* *46*

SIDE KEELSONS, Number *33* *27* *42* *33* *27* *42*

" Angles or Bulb Angles *3 1/2* *3 1/2* *46* *3 1/2* *3 1/2* *46*

" Plate above floors, for length *3 1/2* *3 1/2* *46* *3 1/2* *3 1/2* *46*

" Intercoastal Plate, for length *3 1/2* *3 1/2* *46* *3 1/2* *3 1/2* *46*

" Attached to outside Plating with Angle *3 1/2* *3 1/2* *46* *3 1/2* *3 1/2* *46*

BILGE KEELSON, Angles *3 1/2* *3 1/2* *46* *3 1/2* *3 1/2* *46*

" Intercoastal Plate for length *3 1/2* *3 1/2* *46* *3 1/2* *3 1/2* *46*

" Attached to outside Plating with Angle *3 1/2* *3 1/2* *46* *3 1/2* *3 1/2* *46*

SIDE STRINGERS, Number *33* *27* *42* *33* *27* *42*

" " Angle *3 1/2* *3 1/2* *46* *3 1/2* *3 1/2* *46*

" Intercoastal Plate, for length *3 1/2* *3 1/2* *46* *3 1/2* *3 1/2* *46*

" Attached to outside plating with Angle *3 1/2* *3 1/2* *46* *3 1/2* *3 1/2* *46*

Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge) *53* *64* *53* *64*

" " " " br'dth & thickness *4 1/2* *4 1/2* *56* *4 1/2* *4 1/2* *56*

" " " " Angle (clear of Bridge) *3 1/2* *3 1/2* *44* *3 1/2* *3 1/2* *44*

" " Tie Plate at sides of Hatchways *42* *42*

" Deck, * Iron or Steel, for *42* *42*

" " Thickness (clear of Bridge) *42* *42*

" " (in way of Bridge) *42* *42*

" Wood Deck, Material & thickness *46* *44* *46* *44*

Second Deck Stringer Plate, br'dth & thickness *3 1/2* *3 1/2* *44* *3 1/2* *3 1/2* *44*

" Angles on ditto, No. *32* *32*

" Tie Plates outside Hatchways *32* *32*

" Deck, * Iron or Steel, for *32* *32*

" " Thickness (clear of Bridge) *32* *32*

" " (in way of Bridge) *32* *32*

" Wood Deck, Material & thickness *33* *34* *33* *34*

Third Deck Stringer Plate, br'dth & thickness *3 1/2* *3 1/2* *44* *3 1/2* *3 1/2* *44*

" Angles on ditto, No. *32* *32*

" Tie Plates, outside Hatchways *32* *32*

" Deck, * Material and thickness *32* *32*

Fourth and Fifth Deck Stringer Plate, br'dth & thickness *33* *34* *33* *34*

" Angles on ditto, No. *32* *32*

" Tie Plates outside Hatchways *32* *32*

" Deck, Material & thickness *33* *34* *33* *34*

Poop Deck Stringer Plate, breadth & thickness *3 1/2* *3 1/2* *44* *3 1/2* *3 1/2* *44*

" Angle on ditto *9* *9*

" Tie Plates *3* *3*

" Deck, Material and thickness *38* *40* *38* *40*

Bridge Deck Stringer Plate, br'dth & thickness *3 1/2* *3 1/2* *44* *3 1/2* *3 1/2* *44*

" Angle on ditto *3 1/2* *3 1/2* *44* *3 1/2* *3 1/2* *44*

" Tie Plates *3* *3*

" Deck, Material and thickness *33* *34* *33* *34*

Forecastle Deck Stringer Plate, br'dth & thickness *3 1/2* *3 1/2* *44* *3 1/2* *3 1/2* *44*

" Angle on ditto *3 1/2* *3 1/2* *44* *3 1/2* *3 1/2* *44*

" Tie Plates *3* *3*

" Deck, Material and thickness *33* *34* *33* *34*

" Angle on ditto *3 1/2* *3 1/2* *44* *3 1/2* *3 1/2* *44*

" Tie Plates *3* *3*

" Deck, Material and thickness *33* *34* *33* *34*

" Angle on ditto *3 1/2* *3 1/2* *44* *3 1/2* *3 1/2* *44*

" Tie Plates *3* *3*

" Deck, Material and thickness *33* *34* *33* *34*

" Angle on ditto *3 1/2* *3 1/2* *44* *3 1/2* *3 1/2* *44*

" Tie Plates *3* *3*

" Deck, Material and thickness *33* *34* *33* *34*

GENERAL REMARKS—(continued).

WEB FRAMES
MES, In Fore Body,
" " br
o. of Side Stringers
MES, In E. & B. Spa
" " b
MES, In After Body,
" " br
o. of Side Stringers
of Face Angles, to W
PLATES to Strin
mes, depth and thick

HEADS.	Number.
Vessel.	Per Rule.
HEADS	5
ION.,	1
N.,	1
INAL.,	

Side Plates doubled
ce Valves and Water

AKES.	Breadth
Inch	
KEEL.....	46
ate Riveting.)	62
or A Strake	
B	"
C	"
D	"
E	"
F	"
G	"
H	"
J	"
K	"
L	"
M	"
N	8
O	"
P	"
Q	"
R	"
S	"
T	"
U	"
V	"
W	"

SH'ESTRKE)
NG BRIDGE)
RAKE BELOW
t Plate Keel
eerstrakes)
thickness.
GE SIDES..
SIDES.....
10 apa

ck {Bu
Plate {St
ck {Bu
Plate {St

extend in
O FRAM

STS....

Yards
ateria

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 53 ft., R.Q.D. ✓ ft., Bridge 74 ft., Forecastle 4 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 should appear in the Register Book) 2 strakes (54).

Official No. later; Signal Letters later.

How are the surfaces preserved from oxidation? Inside Paint & cement. Bitrol in bunkers State if Machinery is fitted aft no

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

Where Fitted.	*Length.	Water Capacity.	Where Fitted.	*Length.	Water Capacity.
Feet.	Tons.	Feet.	Tons.		
Double bottom, aft,	107	250	Fore peak tank,		
Double bottom, under Engines and Boilers,	52	172	After peak tank,		
Double bottom, if under Engines only,			Deep tank, aft,	10	2
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	135	350	Other tanks, if fitted,		
Total capacity of double bottom	772		(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. 1916

Date 5/1/16

No. 268 in builder's yard.

DATES of Surveys held while building

1916
Oct. 20. Nov. 17. Dec. 16. 1917
March 8. 20. April 23. May 5. 8. 15. 17. June 15. 23. Jul
3. 5. 9. 12. 17. 20. 23. 26. 31. Aug. 1. 3. 11. 14. 16. 20. 23. 28. Sept. 6. 11. 17. 19. 21. 26. 29
Oct. 1. 3. 4. 6. 13. 15. 17. 18. 20. 22. 24. 25. 26. 29. 30. Nov. 2. 3. 9. 10. 13. 14. 23. 24.
Dec. 1. 11. 5.

Surveyor's Signature G. D. Aitken

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Total No. of Visits 64

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