

# With or Without Disconnected Erections.

## STEEL STEAMER.

Received at London Office 2586.

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

Date of completion of report

Survey held at

Port of

Date First Survey

Last Survey

1919

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

TONNAGE under

Tonnage Deck

Do. between Tonnage Dk.

and 3rd and 4th Dk.

Total under Upper Dk.

Do. of Poop

Do. of R.Q.Dk.

Do. of Bridge House

Do. of Forecastle

Do. of Houses on Dk.

Do. of excess of Hatchways

Do. above Crown of

Engine Room

Gross Tonnage

Less Crew Space

Less above Crown of

Engine Room

TONNAGE FOR FEES

Less Engine Room

Less Navigation Spaces

Register Tonnage

as cut on Beam

Breadth (deepest moulded)

Depth, at middle of length from top of keel to top of

upper deck beams at side

Transverse Number

Length on deck from fore part of stem to after part of

stern post

Longitudinal Number

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

Proportions—Depths to Length—Upper Deck Beam at

side to top of keel

" " " Long Bridge Deck

" " " Beam at side to top of keel

Master

Year of appointment

Built at

When built

By whom built

Owners

Managers

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

Residence

Port belonging to

If Surveyed while Building, Afloat, or in Dry Dock

Building

LENGTH on Deck	BREADTH	DEPTH, ACTUAL	No. of Decks with flat laid
as per Rule	Moulded	Top of Floors to top of Upper Dk. Beams	2
305	43	Do. do. do. do. Second Dk. Beams	2

Dimensions of Ship per Register. Length 305.0 breadth 43.75 depth 27.25. Moulded depth, ft. 34 ins. 9. To Bridge Dk. Round of Upper 11 ins. To Upper Dk. Dk. Beam, Actual

FRAMING.				PILLARS.			
FRAME, Angles, or Bars amidships				PILLARS In 'tween Deck, size and spacing			
Do. in peaks				" " Hold			
Do. in way of Double Bottoms at Solid Floors				" " Quarter 'tween Dks.			
" " " at intermdt. Bkts.				" " in Hold			
spacing of Frames from centre to centre amidships				KEELSONS & STRINGERS.			
" " " length to Collision bulkhead				CENTRE LINE KEELSON, Vertical Plate above			
" " " in peaks				floors, Through Plate, or Intercoastal Plate			
REVERSED FRAME, Angles				Rider Plate			
Do. in way of Double Bottoms at Solid Floors				Flat Plate Keel Angles			
" " " at intermdt. Bkts.				Horizontal Plates on Floors			
FRAMING, depth of girder				Angles or Bulb Angles			
FLOORS, depth and thickness of Floor Plate				SIDE KEELSONS, Number			
" " in way of Engine and Boiler Spaces				Angles or Bulb Angles			
" " thickness at the ends of vessel				Plate above floors, for length			
" " depth at 1/2 the half breadth, as per Rule				Intercoastal Plate, for length			
" " height extended at the Bilges				Attached to outside Plating with Angle			
FLOORS in Cell. Double Bottoms				BILGE KEELSON, Angles			
" " state if flanged (top & bottom)				Intercoastal Plate for length			
" " Spacing of Solid floors				Attached to outside Plating with Angle			
CENTRE GIRDER, in Dbl. bottom, dpth. & thknss.				SIDE STRINGERS, Number			
" " Angles Top				Angles			
" " Bottom				Intercoastal Plate, for length			
" " Brackets at intermdt. frmg., width & thknss				Attached to outside plating with Angle			
DE GIRDERS, number on each side & thickness				Upper Deck Stringer Plate, br'dth & thickness			
" " state if flanged (top and bottom)				(clear of Bridge)			
" " Angles (top and bottom)				br'dth & thickness			
" " to Floors				(in way of Bridge)			
MARGIN PLATE, depth (exclusive of flange)				Angle (clear of Bridge)			
" " and thickness				Tie Plate at sides of Hatchways			
" " Angle to Outside Plating				Deck. Steel, for whole lng.			
" " Floors				Thickness (clear of Bridge)			
Brackets at intermdt. frmg., width & thknss				(in way of Bridge)			
Height of Outside Brackets above at bilge				Wood Deck. Material & thickness			
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake				Second Deck Stringer Plate, br'dth & thickness			
" " in Engine and Boiler space				Angles on ditto, No.			
" " Remainder in Holds				Tie Plates outside Hatchways			
AMS, Upper Deck, Single Angle, Bulb				Deck. Material & thickness			
" " Angle, Plate, Tee Bulb, or Channel				Third Deck Stringer Plate, br'dth & thickness			
" " In way of Long Bridge				Angles on ditto, No.			
" " Spacing				Tie Plates, outside Hatchways			
AMS, Second Deck, Single Angle, Bulb				Deck. Material & thickness			
" " Angle, Plate, Tee Bulb, or Channel				Fourth and Fifth Deck Stringer Plate, br'dth & thickness			
" " Spacing				Angles on ditto, No.			
AMS, Third and Fourth Deck, Single Angle, Bulb				Tie Plates outside Hatchways			
" " Angle, Plate, Tee Bulb, or Channel				Deck. Material & thickness			
" " Spacing				Poop Deck Stringer Plate, breadth & thickness			
AMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel				Angle on ditto			
" " Angles on upper edge				Tie Plates			
" " Spacing				Deck. Material and thickness			
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel				Bridge Deck Stringer Plate, br'dth & thickness			
" " Angles on upper edge				Angle on ditto			
" " Spacing				Tie Plates			
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel				Deck. Material and thickness			
" " Angles on upper edge				Forecastle Deck Stringer Plate, br'dth & th'kns			
" " Spacing				Angle on ditto			
" " " " " "				Tie Plates			
" " " " " "				Deck. Material and thickness			

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

W1212-0211 1/2



WEB FRAMES.				FORGINGS or CASTINGS.				Inches in Ship				Inches per Rule, Or as Approved.			
WEB-FRAMES, In Fore Body, No. and spacing				KEEL, Bar, depth and thickness				Plate Keel							
" " " " brdth. & thickness				STEM, moulding and thickness				9 1/2 x 2 1/2				9 1/2 x 2 1/2			
" " " " No. of Side Stringers				STERN-POST for Rudder do. do.				8 1/2 x 6				8 1/2 x 6			
WEB-FRAMES, In E. & B. Space, No. & spacing				" " " " for Propeller				9 1/2 x 6				9 1/2 x 6			
" " " " brdth. & thickness				RUDDER-A x D Table 22. Speed				10 Kts. 130 x 3.33 = 433.3							
" " " " No. of Side Stringers				" " " " Main-Piece, diameter at head				9"				9"			
" " " " Size of Face Angles to Web-Frames				" " " " at heel				6 3/4"				6 3/4"			
BRACKET PLATES to Stringers between Web Frames, depth and thickness				RUDDER, how constructed				Folded Steel. Movable arms.							
BULKHEADS.				STIFFENERS.				Single or Double Frames.				Height up, state deck.			
Vessel.				Thickness.				Horizontal.				Vertical.			
W.T. BULKHEADS AP.				38-32				24 x 450				24 x 50.			
Frame				55				78				114			
" COLLISION "				PARTITION "				LONGITUDINAL "							
Are the outside Plates doubled two spaces of Frames in length?				No				Are the Steel Plates and Watertight Doors in efficient working order?				Yes.			
PLATING.				RIVETING.				BUTTS.							
AS IN SHIP.				PER RULE OR AS APPROVED.				EDGES.				BUTTS.			
STRAKES.				AMIDSHIP.				FORWARD.				AFT.			
Breadth.				Thickness.				Breadth.				Thickness.			
Flat Plate Keel				44				86				62			
Garboard or A Strake				52				44				44			
State actual thickness in way of Double Bottom.				58				42				42			
B				58				42				42			
C				58				42				42			
D				58				42				42			
E				58				42				42			
F				58				42				42			
G				58				42				42			
H				58				42				42			
J				58				42				42			
K				58				42				42			
L				58				42				42			
M				58				42				42			
N				58				42				42			
O				58				42				42			
P				58				42				42			
Q				58				42				42			
R				58				42				42			
S				58				42				42			
T				58				42				42			
U				58				42				42			
V				58				42				42			
W				58				42				42			
THICKNESS OF SHEET PILE				66				42				42			
CLEAR OF LONG BRIDGE				56				42				42			
DO. OF STRAKE BELOW				56				42				42			
DELT. of Flat Plate Keel				56				42				42			
" Sheerstrakes				56				42				42			
Length and thickness.				56				42				42			
POOP SIDES				34				34				34			
SHORT BRIDGE SIDES				38				38				38			
FORECASTLE SIDES				38				38				38			
Upper Deck				Butts, riveted to double at ends.				Butts of Side Stringers				riveted.			
Stringer Plate				overlapped for whole length				Tie Plates				riveted.			
Second Deck				Butts, riveted for whole length				Inner Bottom Plating, riveting of Edges				riveted.			
Stringer Plate				overlapped for whole length				Centre Girder Butts, riveted				riveted.			
Frames, riveted through Plates with 1 1/4 in. Rivets, about 6 1/4 apart.				Rivets, state whether Iron or Steel				Steel							
FRAMES extend in one length from margin plate to upper dk.				State if ordinary or joggled				joggled.							
REVERSED FRAMES on floors and frames extend from Centre line to margin plate				State if ordinary or joggled				joggled.							
MASTS, SPARS, &c.				DIAMETER AND THICKNESS.				No. of Plates in round.				ANGLES.			
LOWER MASTS				Fore				24"				None			
Main				24"				24"				None			
Mizen				24"				24"				None			
Bowsprit				24"				24"				None			
Topmasts, Yards and Remainder of Spars				For Main Mast &c have back stay 2 1/2" Steel wire rope.											
Rigging, Material and Size, Shrouds				E 1 Guner stay 4" SW. E 2 Shrouds E 2 Side 4" Stays											
Sails.				Suit of				Sails, and the following spare sails							

EQUIPMENT No. 22842-31.				LETTER U.				ANCHORS.				TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS			
Number of Certificate.				Anchors.				WEIGHT OF STOCK.				TEST, PER CERTIFICATE.			
304				1st Bower				45				39 8 0 14			
543				2nd "				45 0 16				39 6 2 7			
547				3rd "				39 2 16				35 10 1 7			
427				Collective weight.				130 0 6				128 0 0			
508				Stream				15				12 0 0			
				Kedge				7				5 2 0			
Particulars of Drop Test of Cast Steel Anchors, viz.:-				1st Bower				Drop 12 feet				Weight 27.2.20			
Weight, Surveyor's Initials, Number of Certificate, Date of Test.				2nd "				12 feet				26.3.24			
				3rd "				12 feet				22.3.22			
				4th "											
CHAIN CABLES.				HAWERS AND WARPS.				TOWLINE.				HAWERS AND WARPS.			
Number of Certificate.				Length and size supplied.				Test per Certificate.				Length and size supplied.			
64875				135				1 1/2				170			
64876				135				1 1/2				170			
Boats				2 lifeboats				26'0" x 8'0" x 3'4". 1 Gig 11'0" x 5'6" x 2'2".				Steering Gear, Steam			
Pumps, Number				Dumbkin 6				all compartments.				Diameter of Barrel 4 1/2			
Windlass is				Harrim Dockyard.				Capstan				State whether they are in efficient working order			
Engine Room Skylights.				How constructed?				Plate and angles.				What arrangements for deadlights in bad weather?			
Coal Bunker Openings.				How constructed?				Plate and angles.				How are lids secured?			
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c.				Scuppers.				10'0" x 4'0" x 2'0" 4 dia. Freeing ports.				10'0" x 4'0" x 2'0" 4 dia.			
Ceiling in Holds, thickness and material				2 1/2" under hatchways.				Cargo Batches, thickness and material				7' x 2" pine			
Cargo Hatchways.				How formed?				Plate and angles.				Hatches, if strong and efficient?			
State size No. 1 Hatch (Forward)				24'6" x 16'0"				No. 2 Hatch				24'6" x 16'0"			
No. 3 Hatch				8'3" x 16'0"				No. 4 Hatch				24'6" x 16'0"			
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch				4 web plates to each hatchway.				No. of Breasthooks				5 with decks.			
No. of Crutches				deep floors.				Main Rail, material and size.				6 x 3 x 35 BA.			
Bulwarks, height above deck and description				4'0" x 25"				The foregoing is a correct description				THE TEIKOKU STEAMSHIP CO., LTD.			
Builder's Signature (here only)				Director				Surveyor's Signature				R. B. Patchett			
Correspondence.				State dates and initials of correspondence.				Reference should be made in any correspondence connected with the case.							
Workmanship.				Are the butts of plating planed or otherwise fitted?				Planed.							
Is the riveted work properly closed?				Yes.				Are the liners between the frames and plates solid single pieces?				Yes.			
Are the liners between the frames and plates solid single pieces?				Yes.				Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other?				Yes.			
Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other?				Yes.				Are the rivet holes well and sufficiently countersunk in the plate and punched from the facing surfaces?				Yes.			
Are the rivets break into or through the seams or butts of the plating?				No.				Are the butts of Plating, Stringers, &c., properly shifted and strapped?				Yes.			
Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)?				Yes.				State results of tests.				Satisfactory			
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)?				Yes.				State results of tests.				Satisfactory			
General Remarks (State quality of workmanship, &c.)				This vessel has been built under special survey in accordance with the Rules and approved plans and the materials and workmanship have been found good. Photo prints of the midship section, profile and rudder are forwarded under separate cover.											
Sister Vessels.				S.S. Genmei Maru. S.S. Kae Amazon and S.S. Eastern King.											
Kobe Report No.				2050. 2223 & 2311.											
The Surveyor should state the Number of Report and Name of any Sister Vessel.				Plans to be forwarded with F.E. Report showing vessel as built.											
The amount of Entry Fee				£ 40. 50. 00.				Fees applied for,				May 30 1919			
Special Survey Fee				£ 1722. 00.				Received by me,				June 3 1919			
Travelling Expenses, if any				£ 100. 00.				Certificate to be sent to				Date of issue 20.10.19.			
State whether the Vessel has been built under Special Survey				Yes.				I am of opinion this Vessel should be Classed				+ 100 A1.			
With, or without Freeboard, as condition of Class				Without.				Committee's Minute				FRI. 17 OCT. 1919			
Character assigned				100 A1				asb. P							
				W1212-02112/2											



GENERAL REMARKS—(continued).

24' x 50' 24' x 50'

Plate Steel  
4 1/2 x 2 1/2 9 1/2 x  
8 1/2 x 6 8 1/2 x  
9 1/2 x 6 9 1/2 x

thick 30 x 3.33 - 433 3  
4 1/2 9 1/2  
6 1/2 6

linked steel movable winch  
1.00

AP. 30 x 30 39 3 1/2 75. 24 Sing Up  
Frame 50 30 x 30 39 3.50 30 Sing  
78 30 x 30 39 3.50 30 Sing  
100 30 x 30 39 3.50 30 Sing  
100 30 x 30 39 3.50 30 Sing

Midvale & Ordnance Steel Coy.  
Cambria Steel Coy.

no 51

yes.

Ordinary

44	56	62	62	44	84	Double	6	1	1	2 1/2	1	11
52	64	64	64	52	52	"	5 1/2	1 1/2	3 1/2	2 1/2	7 1/2	3 1/2
"	"	"	"	"	"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"	"	"	"	"	"
58	62	62	62	58	58	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"	"	"	"	"	"
54	"	"	"	54	54	"	"	"	"	"	"	"
54	54	54	54	54	54	"	"	"	"	"	"	"

Actual  
22-10 1/2"

Actual  
93'-11"

35

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 24' 9 ft., R.Q.D. ft., Bridge 93' 9 ft., Forecastle 3' 9 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 decks steel 2 tiers of beams.  
Official No. 25,449; Signal Letters RNLM.  
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.

Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft, whole 72.86	87.75	181.43	Fore peak tank,		52
Double bottom, under Engines and Boilers 30.4	47.00	143.00	After peak tank,		56
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward, No 2 = 73.5' = 219.71	128.50	320.28	Other tanks, if fitted,		
No 1 = 55.0' = 100.57		644.71	(If necessary, furnish further information by sketch.)		
Total capacity of double bottom		644.71	State whether the above have been tested as required by the Rules. Yes		

Order for Special Survey No. March 11, 21, 25 April 1, 2, 5, 8, 12, 16, 19, 26, 28 May 5, 6, 12, 14, 16, 19, 22, 23 26  
Date  
No. 15 in builder's yard.  
Surveyor's Signature R. P. Patcher