

With or Without Disconnected Erections.

STEEL STEAMER.

32537

Received at London Office

WED. 14 MAY. 1919

Date of completion of report *April 1st 1919*

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

Survey held at *Nagasaki*

Port of *Nagasaki*

No. *1226*

Date, First Survey *Sept 20th 1918*

Last Survey *March 22nd 1919*

On the (State if Single, Twin, or Triple Screw) *Single Screw Steamer "KAIAN MARU"*

Rig *Schooner*

Tonnage under Deck *4825.69*

CLASS *+100 A.1 contemplated*

Master *Y. Hayashi*

Year of appointment *1919*

Do. between Tonnage Dk. and 3rd and 4th Dk. *4825.69*

Breadth (greatest moulded) *54.50*

Built at *Nagasaki*

Total under Upper Dk. *148.36*

Depth, at middle of length from top of keel to top of upper deck beams at side *30.00*

When built *March 1919* launched *March 1st 1919*

Do. of Poop *402.22*

Transverse Number *84.50*

By whom built *Mitsubishi Rosen Kaisha Ltd.*

Do. of R.Q.Dk. *56.81*

Length on deck from fore part of stem to after part of stern post *400.00*

Owners *Katsuma Steamship Co. Ltd.*

Do. of Forecastle *195.78*

Longitudinal Number *33,800.00*

Managers *G. Katsuma*

Do. of Houses on Dk. *20.21*

Depth "d," at middle of length (See Secs. 2 & 13) *17.90*

Do. of excess of Hatchways *103.23*

Proportions—Depths to Length—Upper Deck Beam at side to top of keel *13.30*

Do. above Crown of Engine Room *5432.24*

Beam at side to top of keel *10.60*

Gross Tonnage *5432.24*

Do. of excess of Hatchways *103.23*

Less Crew Space *220.79*

Do. of excess of Hatchways *103.23*

Less above Crown of Engine Room *103.23*

Do. of excess of Hatchways *103.23*

Tonnage for Fees *5408.22*

Do. of excess of Hatchways *103.23*

Less Engine Room *1834.32*

Do. of excess of Hatchways *103.23*

Less Navigation Spaces *34.46*

Do. of excess of Hatchways *103.23*

Less Ballast Tanks *59.80*

Do. of excess of Hatchways *103.23*

Register Tonnage *3582.87*

Do. of excess of Hatchways *103.23*

Destined Voyage *Seattle U.S.A. to Japan* If Surveyed while Building, Afloat, or in Dry Dock *while building*

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH—Moulded	Feet.	Inches.	DEPTH, ACTUAL—Do.	Feet.	Inches.	Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid	No. of Tiers of Beams
400	0		54	6		30	0		do.	do.	do.	2	2

Dimensions of Ship per Register, Length *400* breadth *54.5* depth *30.0* Moulded depth, ft. *30* ins. *0* To Bridge Dk. *13 7/8* ins. Round of Upper Dk. Beam, Actual

FRAMING.				Or as Approved.				Ship.				Ship.				Or as Approved.			
FRAME, Angles, or Bars amidships	10 x 3 1/2 x 3 1/2	60	9	3 1/2	50	11 x 3 1/2 x 3 1/2	60	8	3 1/2	50	PILLARS, In 'tween Deck, size and spacing								
Do. in peaks	4 1/2 x 3 1/2 x 4 1/2	5 in aft Pl. 8 x 3 1/2	50	5 in Pl. 8	3 1/2	50					"	"	Hold	"	"				
Do. in way of Double Bottoms at Solid Floors	4	3 1/2	42 1/2	3 1/2	3 1/2	40					"	"	Quarter 'tween Dks.,	"	"				
" " " at intermdt. Bkts.	8	3 1/2	45	5	8	3 1/2	50				"	"	in Hold	"	"				
Spacing of Frames from centre to centre amidships	33		33								KEELSONS & STRINGERS.								
" " " from 1/2 length to Collision bulkhead	27		27								CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate								
" " " in peaks	24		24								Rider Plate								
REVERSED FRAME, Angles	3 1/2	3 1/2	40	in 6 Space 3 1/2 x 3 1/2	40						Flat Plate Keel Angles								
Do. in way of Double Bottoms at Solid Floors	8	3 1/2	45	5	8	3 1/2	45				Horizontal Plates on Floors								
" " " at intermdt. Bkts.	10	4	11	9							Angles or Bulb Angles								
FRAMING, depth of girder											SIDE KEELSONS, Number								
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships											Angles or Bulb Angles								
" in way of Engine and Boiler Spaces											Plate above floors, for length								
" thickness at the ends of vessel											Intercoastal Plate, for length								
" depth at 1/2 the half breadth, as per Rule											Attached to outside Plating with Angle								
" height extended at the Bilges	40	4	1/16	40							BILGE KEELSON, Angles								
FLOORS in Cell. Double Bottoms											Intercoastal Plate for length								
" state if flanged (top & bottom)											Attached to outside Plating with Angle								
" Spacing of Solid floors	alternate frames										SIDE STRINGERS, Number								
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.	43	50	43	50							Angles								
" Angles, Top	5	5	5	5	3 1/2	3 1/2	50	BL			Intercoastal Plate, for length								
" Bottom	5	5	5	5	5	5	5	5	5	5	Attached to outside plating with Angle								
" to Floors	5	5	5	5	5	5	5	5	5	5	Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)								
Brackets at intermdt. frmg., wdth & thcknss	3	6	1/16	4	3	6	1/16	4	3	6	br'dth & thickness (in way of Bridge)								
SIDE GIRDERS, number on each side & thickness	Two	40	7/16	Two	40						Angle (clear of Bridge)								
" state if flanged (top and bottom)	Yes		Yes								Tie Plate at sides of Hatchways								
" Angles (top and bottom)	3 1/2	3 1/2	40	3 1/2	3 1/2	40					Deck * Iron or Steel, for whole lng.								
" to Floors	Flanged		Flanged								Thickness (clear of Bridge)								
MARGIN PLATE, depth (exclusive of flange) and thickness	35	50	35	50							(in way of Bridge)								
" Angle to Outside Plating	4	4	48	4	4	48					Wood Deck. Material & thickness								
" Floors	5	4	50	3 1/2	3 1/2	40					Second Deck Stringer Plate, br'dth & thickness								
Brackets at intermdt. frmg., wdth & thcknss	30	x	7/16	30	42						Angles on ditto, No.								
Height of Outside Brackets above at bilge	32		30								Tie Plates outside Hatchways								
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	48	x	50	43	50						Deck * Iron or Steel, for whole lng.								
" in Engine and Boiler space	50	in 5	9/16	50	4	56					Wood Deck. Material & thickness								
" Remainder in Holds	7/16		30								Third Deck Stringer Plate, br'dth & thickness								
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	15	x	4	3	54						Angles on ditto, No.								
" In way of Long Bridge	16	x	4	3	54						Tie Plates outside Hatchways								
" Spacing	33		33								Deck. Material & thickness								
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	6	x	4	3	56						Poop Deck Stringer Plate, breadth & thickness								
" Spacing	33		33								Angle on ditto								
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	4	x	9	3	56						Tie Plates								
" Angles on upper edge											Deck. Material and thickness								
" Spacing											Bridge Deck Stringer Plate, br'dth & thickness								
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	5	x	4	3	56						Angle on ditto								
" Angles on upper edge											Tie Plates								
" Spacing	24	-	33								Deck. Material and thickness								
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	15	x	4	3	50						Forecastle Deck Stringer Plate, b'dth & th'kns								
" Angles on upper edge											Angle on ditto								
" Spacing	33		33								Tie Plates								
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	6	x	4	3	54						Deck. Material and thickness								
" Angles on upper edge																			
" Spacing	54	4	48																

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

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 38.75 ft., R.Q.D. ft., Bridge 121.00 ft., Forecastle 40.25 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 (Stl)

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

How are the surfaces preserved from oxidation? Inside Paint & Cement. Outside Paint.

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 Cap Tons
Double bottom, aft,	126.5	355.15	Fore peak tank,	20.85	129
Double bottom, under Engines and Boilers,	46.75	174.58	After peak tank,	16.00	86
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	176.75	544.99	Other tanks, if fitted,		
	Total capacity of double bottom	1074.70	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks. 350 State whether the above have been tested as required by the Rules Yes

Order for Special Survey No. 48.

Date May 30th 1917

No. 282 in builder's yard.

DATES of Surveys held while building

1918. Sep. 20. Oct. 11, 18, 24. Nov. 1, 5, 6, 9, 12, 13, 16, 20, 26, 28.
Dec. 6, 9, 13, 16.
1919. Jan. 10, 11, 14, 18, 25. Feb. 3, 5, 8, 13, 14, 18, 19, 21, 24, 27.
March, 1, 3, 4, 5, 15, 19, 22.

Total No. of Visits 4

Surveyor's Signature

Lloyd's Register Foundation