

With or Without Disconnected Erections.

STEEL STEAMER.

Received at London Office... FRI JUL 29 1921

Date of completion of report APRIL 15th 1921. Port of **KOBE** No. **3197**
Survey held at **KOBE** Date, First Survey **MARCH 4th 1920** Last Survey **FEB 24th 1921**

On the (State if Single, Twin, or Triple Screw) **STEEL SINGLE SCREW STEAMER "KOYU MARU"** Rig **TWO MASTS**

TONNAGE under Tonnage Deck...	CLASS 100.A.1	FEET.	Master
Do. between Tonnage Dk. and 3rd and 4th Dk.	Breadth (greatest moulded).....	54.5	Year of appointment (1) As Master in service of owner of present vessel:—19 (2) As Master of this vessel:—19
Total under Upper Dk.	Depth, at middle of length from top of keel to top of upper deck beams at side.....	30.0	Built at KOBE
Do. of Poop	Transverse Number.....	84.5	When built 1921 Launched JAN 30th 1921
Do. of R.Q.Dk.	Length on deck from fore part of stem to after part of stern post.....	400.0	By whom built MITSUBISHI ZOSEN KAISHA
Do. of Bridge House	Longitudinal Number.....	33800	Owners HIROUMI SHOJI KAISHA
Do. of Forecastle	Depth "d," at middle of length (See Secs. 2 & 13)....	18.0	Managers (Where necessary to be entered in Reg. Book.)
Do. of Houses on Dk.	Proportions—Depths to Length—Upper Deck Beam at side to top of keel }	13.3	Residence OSAKA
Do. of excess of Hatchways	Long Bridge Deck Beam at side to top of keel }	10.6	Port belonging to NAISHINOMIYA Kobe
Do. above Crown of Engine Room }	Destined Voyage		If Surveyed while Building, Afloat, or in Dry Dock BUILDING
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 ..

LENGTH on Deck as per Rule	BREADTH— Moulded	DEPTH, ACTUAL— Top of Floors to top of Upper Dk. Beams do. do. Second Dk. Beams	No. of Decks with flat laid Two	No. of Tiers of Beams Two
400 0	54 6	27 6 19 0		

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

FRAMING.						PILLARS.					
Inches in Ship.						Inches in Ship.					
FRAME, Angle 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., " "					
" " " " B.A. at intermdt. Bkts.						" " " in Hold					
Spacing of Frames from centre to centre amidships						KEELSONS & STRINGERS.					
" " " " from } length to Collision bulkhead						CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate }					
" " " " in peaks..						" " Rider Plate.....					
REVERSED FRAME, Angles, to Upper Deck						" " Flat Plate Keel Angles					
Do. in way of Double Bottoms at Solid Floors...						" " Horizontal Plates on Floors					
" " " " B.A. at intermdt. Bkts.						" " Angles or Bulb Angles					
FRAMING, depth of girder						SIDE KEELSONS, Number					
FLOORS, depth and thickness of Floor Plate at mid-line for } 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 } the half breadth, as per Rule ... }						" " Attached to outside Plating with Angle...					
" " height extended at the Bilges						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						SIDE STRINGERS, Number					
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.						" " Angle					
" " Angles, Top						" " Intercoastal Plate, for } length.... }					
" " Bottom.....						" " Attached to outside plating with Angle.....					
" " to Floors						Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge) }					
" " Brackets at intermdt. frmg., wdth & thkns						" " br'dth & thickness (in way of Bridge) }					
SIDE GIRDERS, number on each side & thickness						" " Angle (clear of Bridge) ...					
" " state if flanged (top and bottom)						" " Tie Plate at sides of Hatchways.....					
" " Angles (top and bottom)						" " Deck. * Iron Steel, for WHOLE lng.					
" " to Floors.....						" " Thickness (clear of Bridge).....					
MARGIN PLATE, depth (exclusive of flange) and thickness.....						" " (in way of Bridge)					
" " Angle to Outside Plating.....						" " Wood Deck. Material & thickness					
" " Floors						Second Deck Stringer Plate, br'dth & thickness					
" " Brackets at intermdt. frmg., wdth & thkns						" " Angles on ditto, No.					
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake						" " Tie Plates outside Hatchways					
" " in Engine and Boiler space						" " Deck. * Iron Steel, for WHOLE lng.					
" " Remainder in Holds.....						" " Wood Deck. Material & thickness					
BEAMS, Upper Deck, Single Angle, Bulb 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					
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel }						" " Deck. * Material and thickness					
" " Spacing						Fourth and Fifth Deck Stringer Plate, breadth & thickness }					
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel }						" " Angles on ditto, No.					
" " Angles on upper edge						" " Tie Plates outside Hatchways					
" " Spacing						" " Deck. Material & thickness					
BEAMS, Poop Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel }						Poop Deck Stringer Plate, breadth & thickness					
" " Angles on upper edge						" " Angle on ditto					
" " Spacing						" " Tie Plates					
BEAMS, Bridge Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel }						" " Deck. Material and thickness STEEL					
" " Angles on upper edge						Bridge Deck Stringer Plate, br'dth & thickness					
" " Spacing						" " Angle on ditto.....					
BEAMS, Forecastle Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel }						" " Tie Plates					
" " Angles on upper edge						" " Deck. Material and thickness STEEL					
" " Spacing						Forecastle Deck Stringer Plate, br'dth & th'kns					
" " Angles on upper edge						" " Angle on ditto.....					
" " Spacing						" " Tie Plates					
" " Angles on upper edge						" " Deck. Material and thickness STEEL					
" " Spacing						D.P. SHEATHING					

Form No. 1A.—1m, 11, 19. T.

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

EQUIPMENT No. 35292, LETTER Z, ANCHORS, TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS, CHAIN CABLES, HAWSERS AND WARPS, Boats, Pumps, Windlass, Engine Room Skylights, Coal Bunker Openings, Number of Scuppers, Ceiling in Holds, Cargo Hatchways, State size No. 1 Hatch, Number of Web Plates, Bulwarks, Correspondence, Workmanship, Is the riveted work properly closed, Are the liners between the frames and plates solid single pieces, Are the butts of plating, stringers, &c., properly shifted, Have all the upper and weather decks been tested, General Remarks, The Surveyor should state the Number of Report and Name of any Sister Vessel, The amount of Entry Fee, Special Survey Fee, Travelling Expenses, State whether the Vessel has been built under Special Survey, I am of opinion this Vessel should be Classed, With, or without Freeboard, as condition of Class, Committee's Minute, Character assigned.

