

With or Without Disconnected Erections.

STEEL STEAMER.

Received at London Office

TUE. APR. 6 1920

Date of completion of report
Survey held at

26 Feb 1920

Port of Kobe

Date, First Survey

22nd Jan 1919

Last Survey

22nd Feb 1920

No. 2729

1920

See letter

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

Less Engine Room

Less Navigation Spaces

Register Tonnage

as cut on Beam

CLASS 100 A1

Breadth (greatest moulded)

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

Transverse Number

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

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

" " " "

Destined Voyage

FEET.

Master

Year of appointment

Built at

When built

By whom built

Owners

Managers

Residence

Port belonging to

(1) As Master in service of owner of present vessel—191
(2) As Master of this vessel—191

If Surveyed while Building, Afloat, or in Dry Dock

LENGTH on Deck

as per Rule

Feet. Inches.

BREADTH—Moulded

Feet. Inches.

DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams

Do. do. Second Dk. Beams

Do. do. To Bridge Dk.

Do. do. Round of Upper Dk. Beam, Actual

Dimensions of Ship per Register, Length

breadth

depth

FRAMING.

FRAME, Angles, or Bars amidships

Do. in peaks

Do. in way of Double Bottoms at Solid Floors

" " at intermdt. Bkts.

Spacing of Frames from centre to centre amidships

" " length to Collision bulkhead

" " in peaks

REVERSED FRAME, Angles

Do. in way of Double Bottoms at Solid Floors

" " at intermdt. Bkts.

FRAMING, depth of girder

FLOORS, depth and thickness of Floor Plate

at mid-line for length amidships

in way of Engine and Boiler Spaces

thickness at the ends of vessel

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

height extended at the Bilges

FLOORS in Cell, Double Bottoms

state if flanged (top & bottom)

Spacing of Solid floors

CENTRE GIRDER, in Dbl. bottom, dpth. & thknss.

" " Angles, Top

" " Bottom

" " to Floors

Brackets at intermdt. frmg., wdth & thknss

SIDE GIRDERS, number on each side & thickness

" " state if flanged (top and bottom)

" " Angles (top and bottom)

" " to Floors

MARGIN PLATE, depth (exclusive of flange)

and thickness

" " Angle to Outside Plating

" " Floors

Brackets at intermdt. frmg., wdth & thknss

Height of Outside Brackets above at bilge

INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake

" " in Engine and Boiler space

" " Remainder in Holds

BEAMS, Upper Deck, Single Angle, Bulb

Angle, Plate, Tee Bulb, or Channel

" " In way of Long Bridge

Spacing

BEAMS, Second Deck, Single Angle, Bulb

Angle, Plate, Tee Bulb, or Channel

" " Spacing

BEAMS, Third and Fourth Deck, Single Angle, Bulb

Angle, Plate, Tee Bulb, or Channel

" " Angles on upper edge

Spacing

BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel

" " Angles on upper edge

Spacing

PILLARS.

PILLARS In 'tween Deck, size and spacing

" " Hold

" " Quarter 'tween Dks.

" " in Hold

KEELSONS & STRINGERS.

CENTRE LINE KEELSON, Vertical Plate above

floors, Through Plate, or Intercoastal Plate

" " Rider Plate

" " Flat Plate Keel Angles

" " Horizontal Plates on Floors

" " Angles or Bulb Angles

SIDE KEELSONS, Number

" " Angles or Bulb Angles

" " Plate above floors, for length

" " Intercoastal Plate, for length

" " Attached to outside Plating with Angle

BILGE KEELSON, Angles

" " Intercoastal Plate for length

" " Attached to outside Plating with Angle

SIDE STRINGERS, Number

" " Angle

" " Intercoastal Plate, for length

" " Attached to outside plating with Angle

Upper Deck Stringer Plate, br'dth & thickness

" " (clear of Bridge)

" " br'dth & thickness (in way of Bridge)

" " Angle (clear of Bridge)

" " Tie Plate at sides of Hatchways

" " Deck, Iron or Steel, for

" " Thickness (clear of Bridge)

" " (in way of Bridge)

" " Wood Deck, Material & thickness

Second Deck Stringer Plate, br'dth & thickness

" " Angles on ditto, No.

" " Tie Plates outside Hatchways

" " Deck, Iron or Steel, for

" " Wood Deck, Material & thickness

Third Deck Stringer Plate, br'dth & thickness

" " Angles on ditto, No.

" " Tie Plates, outside Hatchways

" " Deck, Material and thickness

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

" " Angles on ditto, No.

" " Tie Plates outside Hatchways

" " Deck, Material & thickness

Poop Deck Stringer Plate, breadth & thickness

" " Angle on ditto

" " Tie Plates

" " Deck, Material and thickness

Bridge Deck Stringer Plate, br'dth & thickness

" " Angle on ditto

" " Tie Plates

" " Deck, Material and thickness

Forecastle Deck Stringer Plate, br'dth & th'kns

" " Angle on ditto

" " Tie Plates

" " Deck, Material and thickness

" " "

" " "

* Where a long bridge is fitted the thickness of Upper Deck Sheerstrake and Strake below should also be stated clear of same.

Upper Deck Stringer Plate { Butts, III riveted for half length amidship.
 Straps, single, double or overlapped for whole length amidship.

Second Deck Stringer Plate { Butts, II riveted for whole length amidship.
 Straps, single or overlapped for forward length amidship.

Butts of Side Stringers ✓ riveted.

Tie Plates ✓ riveted.

Inner Bottom Plating, riveting of **Edges** brut & bung Butts brut & bung riveted.

Centre Girder Butts, brut riveted. **Keelson Butts**, ✓ riveted.

Frames, riveted through Plates with 7/8 in. Rivets, about 6" apart.

Rivets, state whether Iron or Steel Steel

FRAMES extend in one length from margin pl. to upper deck State if ordinary or joggled Ordinary

REVERSED FRAMES on floors and frames extend from bulk to upper & main Sls altern in upper forward hold.
& on every 3rd from in aft hold & machy ap; to up. sl. State if ordinary or joggled Ordinary

MASTS, SPARS, &c.

	Material.	Total Length.	DIAMETER AND THICKNESS.			No. of Plates in round.	ANGLES.		RIVETING.	
			At Partners.	Heel.	Hounds.		Number.	Size.	Seams.	Strake.
LOWER MASTS.....	Fore	<u>Steel</u> <u>55' x 8"</u>	<u>24 x 24</u>	<u>24 x 34</u>	<u>16 x 20</u>	<u>20</u>	✓	✓	<u>brut</u>	<u>brut</u>
	Main	<u>Steel</u> <u>60' x 10"</u>	<u>22 x 34</u>	<u>18 x 30</u>	<u>15 x 30</u>	✓	✓	✓	"	"
	Mizen									
Bowsprit										
Topmasts, Yards and Remainder of Spars <u>Pin</u>										
Rigging, Material and Size, Shrouds <u>3 1/2 S.W. 3 1/2 x 3 1/2 ft</u> <u>for</u> <u>& aft</u> Stays <u>3 + m. 4"</u>										
Sails. ✓ Suit of Sails, and the following spare sails ✓										

Form No. 1A

EQUIPMENT No.				LETTER				ANCHORS				TONNAGE, D.K. OR PLATING No. FOR TRAWLERS				
Number of Certificate		Anchors		WEIGHT, EX STOCK		TEST, PER CERTIFICATE		WEIGHT REQUIRED BY TABLE II		Description of Anchor		Makers	Where and when tested and Superintendent			
		Cwt.	qrs.	Lbs.	Cwt.	qrs.	Lbs.	Tons	cwts.	qrs.	Lbs.					
254	1st Bower	36	2	12	-	-	-	33	10	7	35	2	0			
257	2nd "	36	2	12	-	-	-	31	10	5	30	0	0			
330	3rd "	33	2	20	-	-	-	-	-	-	-	-	-			
	4th "															
	Collective weight,	106	3	16							131	0	0			
140	Stream	10	1	8	2	2	11	12	6	2	7	9	1	0		
125	Kedge	5	0	5	1	1	13	7	7	2	0	4	3	0		
Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.																
1st Bower 21-3-4 ALJ Oct 254 4/3/18 2nd " 22-0-1 " " 257 6/2/18 3rd " 20-1-2 " " 330 15/4/18 4th "																
CHAIN CABLES.																
Number of Certificate	Length and size supplied.		Test per Certificate.	WEIGHT OF CHAIN CABLE.		Length and Size per Table III.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire Towline.	Length and Size per Table III.	
	Fathoms.	Inches.		Supplied.	Per Rule.	Fathoms.	Inches.					Fathoms.	Inches.		Fathoms.	Inches.
706	242 3/4	1 3/4	55 3/4	77 1/2	382-2-16	370-1-22	240	1 1/2	Sheridan & Co., Ltd.	Bombay India	TOWLINE	90	3 1/2	26	9 1/2	3 1/2
											HAWSERS&WARPS	2-90	6	Main	2-90	6
												2-90	5	"	2-90	5
	Iron Steam Chain or Steel Wire	75	4	33			75	4	Vickers Works	Makenzie						
Boats / life 24'0" x 3'3" x 7'3". Tonnage 20'0"																
Pumps, Number 1 Drum Pump & air hoist + 1 small pump Diameter of Barrel 5 1/2 x 4"																
Windlass is By Hand Steering Gear, Steam by Rldro. State whether they are in efficient working order Yes																
Engine Room Skylights.—How constructed? Plate windows What arrangements for deadlights in bad weather? Glass in steel frames																
Coal Bunker Openings.—How constructed? Plate windows How are lids secured? Hatchboards Height above deck? 15'																
Number of Scupperns, and numbers and dimensions of Freeing Ports, &c. 6 scups a side 7 F.P. aside 2'6" x 1'6"																
Ceiling in Holds, thickness and material 2 1/2 pin Cargo Battens, thickness and material 6" x 2" pin																
Cargo Hatchways.—How formed? Plate windows Hatches, if strong and efficient? Yes																
State size No. 1 Hatch (Forward) 24'0" x 15'0" No. 2 Hatch 24'0" x 15'0" No. 3 Hatch 24' x 15' No. 4 Hatch 24' x 15'																
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch 2 webs each way + 3 ft + 4																
No. of Breasthooks 5 with dks. No. of Crutches Deep floors.																
Bulwarks, height above deck and description 3'6" sheer 30. Stay 7 x 3/8 pin Main Rail, material and size 6 x 3 x 3/8																
The foregoing is a correct description Arthur Jones Surveyor to Lloyd's Register of Shipping.																
Builder's Signature (here only) Piyinagata Zassenko.																
Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case)																
M 31/10/16 re S.S. Weyland M 14/12/16 M 17/12/16																
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																
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																
Do any 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 is a sister vessel to the S.S. Weyland (Rpt No 1957), Yoro maru (Rpt No 2246) Yoro maru no 2 Chopun maru + Shinfuku maru + Sochi maru (2915)																
The survey of this vessel was requested & the first visit to inspect for class made on the 20th Jan'y 1919 when the vessel had already been mostly plated.																
The whole of the work was inspected by Mr Atkin + found satisfactory																
By an oversight after Mr Atkin leaving for home the forwarding of this report has been delayed. The vessel has now returned to Osaka + been surveyed in dry dock & generally throughout found in good condition																
It is submitted that the date of build should be recorded as 3.1919 + the date of subsequent survey in dry dock as 2.1920.																
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 ... £/s : 50:				Fees applied for, 26.2.1920				Certificate to be sent to Kobe	Date of issue 28/6/21.							
Special Survey Fee ... £/s : 1200				Received by me, 28/2/20												
Travelling Expenses, if any £/s : 20																
State whether the Vessel has been built under Special Survey After having been part plated.																
I am of opinion this Vessel should be Classed 100A1							A.L. Jones									
With, or without Freeboard, as condition of Class Without																
Committee's Minute																
Character assigned																
FRI OCT. 29 1920																
TUE 28 JUN. 1921																
FRI. 4 JUL. 1921																
206220																
as b.p.																

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GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop — ft., R.Q.D. — ft., Bridge 60 ft., Forecastle 33 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) 1 Deck (steel) + lower deck (steel) forward. & machinery space
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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	72	103	Fore peak tank,	17.4	99
Double bottom, under Engines and Boilers, ✓	34	94	After peak tank,	10	39
Double bottom, if under Engines only,	(114)	0	Deep tank, aft,		
Double bottom, if under Boilers only, open	112	259	Deep tank, forward,		
Double bottom, forward,		456	Other tanks, if fitted,		
	Total capacity of double bottom		(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

No. 31 in builder's yard.

DATES of Surveys held while building

29th 28 January. 4th 10th 12th 20 February } m^r Attkins visits
10th 14th 15th 19 March 1919
Also surveyed in dry dock 22nd Feb 1920

Total No. of Visits 10

Surveyor's Signature

Arthur L. Jones

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