

3 Decks.

IRON OR STEEL STEAMER.

THUR. 12 JUN 1902

Received at London Office

Date of completion of report 8th May 1902 State if Report is also sent on the Machinery of the Vessel Yes. Port of Nagasaki No. 245
Survey held at Nagasaki Date, First Survey 1st March 1901 Last Survey 3rd May 1902
On the Steel Screw Steamer "Wakamatsu Maru" Rig Two masts.
TONNAGE under 2563.58 THREE DECKED VESSEL.
Tonnage Deck 39.71 CLASS + 100 A1
Do. between Tonnage Dk. and 3rd and 4th Dk. 140.24
Total under Upper Dk. 2563.58
Do. of Poop 39.71
Do. of Bridge House 30.86
Do. of Forecastle 140.24
Do. of Houses on Dk. 140.24
Do. of excess of Hatchways
Do. above Crown of Room 274.39
Space 166.46
Crown of Room 2607.93
FOR FEES 887.80
Main Deck ditto 1720.13
Destined Voyage Wakamatsu & China
Master N. Sakamoto
Year of appointment (1) As Master in service of owner of present vessel: 18 (2) As Master of this vessel: 18
Built at Nagasaki
When built 1902 Launched 13.2.02
By whom built Mitsui Bishi K.K. Yokohama
Owners The Mitsui Bishi Co.
Managers " " " " (Where necessary to be entered in Reg. Book.)
Residence Yokohama
Port belonging to Nagasaki

H on Deck Rule		Feet. Inches.		BREADTH—		Feet. Inches.		DEPTH, ACTUAL—		Top of Floors to top of Upper Dk. Beams		Feet. Inches.		No. of Decks with flat laid			
318		2 1/2		Moulded		42 0		Do. do. do.		Main Dk. Beams		22 7		One			
Length		326		breadth		41.30		depth		22.25		Moulded depth, ft.		25			
												ins. 1 1/2		To Upper Dk.			
														Round of Upper Dk. Beam, Actual			
														10 1/2 ins.			
FRAMING.		Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	FORGINGS or CASTINGS.		Inches in Ship.	Inches per Rule.	Inches per Rule.	Inches per Rule.		
E, Angles, or 7, 5 or 6 Bars for 1/2 length amidships		5 1/2	3 1/2	9	5 1/2	3 1/2	9			KEEL, Bar or Side Plates, depth and thickness		Flat plate	Keel				
or 1/2 at each end										STEM, moulding and thickness		10 1/2 x 2 3/4	10 1/2 x 2 3/4				
in way of Double Bottoms at Solid Floors		3 1/2	3 1/2	8	3 1/2	3 1/2	8			STERN-POST for Rudder do. do.		11 x 6	11 x 6				
at intermdt. Bkts.										for Propeller		11 x 6	11 x 6				
of Frames from moulding edge to		24			24					MAIN PIECE of Rudder, diameter at head		8"	8"				
ding edge, all fore and aft		4	3 1/2	9	4	3 1/2	9			do. at heel		6"	6"				
RSEED FRAME, Angles										RUDDER, how constructed		Single plate	Movable arm				
FRAMING, depth of girder										Can the Rudder be unshipped afloat?		Yes.					
RS, depth and thickness of Floor Plate										KEELSONS & STRINGERS.		Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.		
at mid-line for 1/2 length amidships										CENTRE LINE KEELSON, Vertical Plate above							
in way of Engines and Boilers										floors, Through Plate, or Intercoastal Plate							
thickness at the ends of vessel										Rider Plate							
depth at 1/2 the half breadth, as per Rule										Bulb Plate to Intercoastal Keelson							
height extended at the Bilges										Horizontal Plates on Floors							
ORS & BRACKETS in Cell Dble Bottoms		40		7	40		7			Angles							
Distance apart		24			24					SIDE KEELSON, Angles							
RE GIRDER, in Double bottom, depth		40		10	40		10			Bulb or Plate above floors, for							
and thickness		4	4	9	4	4	9			Intercoastal Plate, for							
Angles, Top		6 1/2	4	9	6 1/2	4	9			Attached to outside Plating with Angle							
Bottom		6 1/2	4	9	6 1/2	4	9			BILGE KEELSON, Angles							
GIRDERS, number on each side & thickness		One side 8	One side 8							Bulb or Plate above floors, for							
Angles (One edge flange)		13 1/2	3 1/2	7	3 1/2	3 1/2	7			Intercoastal Plate for							
GIN PLATE, depth (exclusive of flange)		30		9	30		9			Attached to outside Plating with Angle							
and thickness		3 1/2	3 1/2	8	3 1/2	3 1/2	8			BILGE STRINGER Angles		5	4	11-10	5	4	11-10
Angles to Outside Plating		36		9	36		9			Bulb Plate for		5	4	11-10	5	4	11-10
ER BOTTOM PLATING, breadth and		8	9/20	1 1/2	8	9/20	1 1/2			Intercoastal Plate for		23		8-7	23		8-7
thickness of Middle Line Strake		8	9/20	1 1/2	8	9/20	1 1/2			Attached to outside Plating with Angle		3 1/2	3 1/2	8-7	3 1/2	3 1/2	8-7
in Engine and Boiler space		7 1/2	3	10	7 1/2	3	10			SIDE STRINGER Angles		5	4	11-10			
Remainder in Holds		7 1/2	3	10	7 1/2	3	10			Bulb or Intercoastal Plate, for		23		8-7			
AMS, Upper Deck, Single Angle, Bulb										Attached to outside plating with Angle		3 1/2	3 1/2	8-7			
Angle, Plate or Tee Bulb										Upper Deck Stringer Plates, br'dth & thickness		46-37	12-8	46-37	12-8		
Angles on upper edge										Angle on ditto		4 1/2	4 1/2	10	4 1/2	4 1/2	10
Average space		24			24					Tie Plates fore and aft, outside Hatchways							
AMS, Middle Deck, Single Angle, Bulb										Deck * Iron or Steel, for							
Angle, Plate or Tee Bulb										whole lng.							
Angles on upper edge										Wood Deck. Material & thickness				7-6			
Average space										Middle Deck Stringer Plate, br'dth & thickness							
AMS, Lower Deck, Single Angle, Bulb										Angles on ditto, No.							
Angle, Plate or Tee Bulb										Tie Plates outside Hatchways							
Angles on upper edge										Diagonal Tie Plates on Bms., No. of prs.							
Average space										Deck * Iron or Steel, for							
AMS, Hold, or Orlop, Plate or Tee Bulb										lng.							
Angles on upper edge										Wood Deck. Material & thickness							
Average space										Lower Deck Stringer Plate, br'dth & thickness		41-37	11-8	41-37	11-8		
AMS, Poop Deck, Angle, Bulb Angle, Plate		8	5	8	8	5	8			Angles on ditto, No.		4 1/2	4 1/2	10	4 1/2	4 1/2	10
or Tee Bulb										Tie Plates, outside Hatchways							
Angles on upper edge										Deck * Material and thickness							
Average space		48			48					Hold, or Orlop Stringer Plate, br'dth & thckn's							
AMS, Bridge Deck, Angle, Bulb Angle, Plate										Angles on ditto, No.							
or Tee Bulb										Tie Plates outside Hatchways							
Angles on upper edge										Deck. Material and thickness							
Average space										Poop Deck Stringer Plate, breadth & thickness		35	8	35	8		
AMS, Forecastle Deck, Angle, Bulb Angle,		11	6	9	11	6	9			Angle on ditto		3 1/2	3 1/2	8	3 1/2	3 1/2	8
Plate or Tee Bulb		9	5 1/2	8	9	5 1/2	8			Tie Plates		12	8	12	8		
Angles on upper edge		48			48					Deck. Material and thickness		3" wood		3" wood			
Average space										Bridge Deck Stringer Plate, br'dth & thickness							
PILLARS, In 'tween Deck, size and spacing										Angle on ditto							
Hold Spacing 8 ft.										Tie Plates							
Quarter 'tween Dks.,										Deck. Material and thickness							
in Hold										Forecastle Deck Stringer Plate, b'dth & th'kns		35	8	35	8		
WEB-FRAMES, In Fore Body, No. and spacing										Angle on ditto		3 1/2	3 1/2	8	3 1/2	3 1/2	8
br'dth. & thickness										Tie Plates		12	8	12	8		
No. of Side Stringers										Deck. Material and thickness		3" wood		3" wood			
WEB-FRAMES, In E. & B. Space, No. & spacing										BULKHEADS.							
br'dth. & thickness										In Vessel.							
WEB-FRAMES, In After Body, No. and spacing										Per Rule.							
br'dth. & thickness										Thickness.							
No. of Side Stringers										Horizontal.							
Size of Angles or Tee Bars to Web-Frames										Vertical.							
BRACKET PLATES to Stringers between										Single or Double Frames.							
Web Frames, depth and thickness										Height up.							

PLATING.								RIVETING.												
AS IN SHIP.				PER RULE OR AS APPROVED.				EDGES.			BUTTS.									
STRAKES.		AMIDSHIP.		FORWARD.		AFT.		AMIDSHIP.		Single or Double.	Breadth of Lap.	RIVETS.	Double or Treble and for what length.	RIVETS.		STRAPS.		IF LAPPED.		
		Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.		Inches.	Diam.	Spacing or pitch.		Diam.	Spacing or pitch.	Breadth.	Thickness.	Breadth.	Length.
		Inches.	1/16ths.	Inches.	1/16ths.	Inches.	1/16ths.	Inches.	1/16ths.		Inches.	Inches.	Inches.		Inches.	Inches.	Inches.	1/16ths.	Inches.	Feet.
FLAT PLATE KEEL.....		36	16	12	12	36	16-12	Double	6	1	14	Double	1	3 1/2	19	12-10	10 1/2	at ends		
GARBOARD OR A Strake ...			12	11	11		12-11	"	5 1/4	7/8	3 3/4	"	7/8	3 1/8		7/8	3 1/8	9	to 7 1/2	
State actual thickness in way of Double Bottom.			11	9	9		11-9	"	5 1/4	7/8	"	"	7/8	3 1/8		7/8	3 1/8	9	"	
B "			10	9	9		10-9	"	5 1/4	7/8	"	"	7/8	3 1/8		7/8	3 1/8	9	"	
C "			11	9	9		11-9	"	5 1/4	7/8	"	"	7/8	3 1/8		7/8	3 1/8	9	"	
D "			12	10	10		12-10	"	5 1/4	7/8	"	"	7/8	3 1/8		7/8	3 1/8	9	"	
E "			13	10	10		13-10	"	5 1/4	7/8	"	"	7/8	3 1/8		7/8	3 1/8	9	"	
F "			12	10	10		12-10	"	5 1/4	7/8	"	"	7/8	3 1/8		7/8	3 1/8	9	"	
G "			12	9	9		12-9	"	5 1/4	7/8	"	"	7/8	3 1/8		7/8	3 1/8	9	"	
H "			11	9	9		11-9	"	5 1/4	7/8	"	"	7/8	3 1/8		7/8	3 1/8	9	"	
J "			12	9	9		12-9	"	5 1/4	7/8	"	"	7/8	3 1/8		7/8	3 1/8	9	"	
K "			13	9	9		13-9	"	5 1/4	7/8	"	"	7/8	3 1/8		7/8	3 1/8	9	"	
L "			44	15	10		44-15-10	"	6"	1	14	"	1	3 1/2				10 1/2	to 9	
Sheet M "																				
N "																				
O "																				
P "																				
Q "																				
R "																				
DOUBLING OF Flat Plate Keel		1/2 L	12																	
Length of Bilges																				
thickness of Sheerstrakes.																				
thickness of Strake below																				
POOP SIDES						Y		Y	Single	2 1/2	3/4	3 1/2	Double	3/4	2 1/8				5	
BRIDGE SIDES																				
FORECASTLE SIDES						Y		Y	Single	2 1/2	3/4	3 1/4	Double	3/4	2 1/8				5	
Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, Plating, &c.? Clyde Bridge St. Co. Barron Haem S.C. South Dursam & J.S. Co. Steel Co. of Scotland. Saml. Lyzaek & Co. Glas. St. S.C. O. Colville Sons Glasgow & S.C. Co. Phoenix Tube Works, Lanark S.C. Co. Has the Steel been tested as required by the Rules? Yes.																				
Upper Deck Butts, treble riveted for 3/4 length amidship. Stringer Plate Straps, single, double or overlapped for ✓ length amidship. Middle Deck Butts, treble riveted for 3/4 length amidship. Stringer Plate Straps, single, double or overlapped for ✓ length amidship. Butts of Bilge & Side Stringers and Tie Plates, treble or double riveted? Double Inner Bottom Plating, riveting of Edges Single Butts Double to S. Centre Girder Butts, treble riveted Keelson Butts, double riveted. Frames, riveted through Plates with 7/8 in. Rivets, about 6 1/4 apart. Rivets, state whether Iron or Steel Iron																				
FRAMES extend in one length from margin plate to upper deck. REVERSED FRAMES on floors and frames extend from bilge to upper deck.																				
MASTS, SPARS, &c.																				
Material. Total Length. DIAMETER AND THICKNESS. HEADS. No. of Plates round. ANGLES. RIVETING. Butts.																				
LOWER MASTS..... Fore Steel																				

Correspondence.—State dates and initials of parties respecting this case (Reference should be made to any correspondence connected with this case)

M. 14th Sept. 1900. M. 22nd March 1901.

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 faying surfaces? Yes.

Do any rivets break into or through the seams or butts of 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. 23, par. 24)? Yes.

State results of tests Satisfactory

Have all the gutterways been tested as required by the Rules (Sec. 23, par. 25)? Yes.

State results of tests Satisfactory

General Remarks (State quality of workmanship, &c.)

This vessel has been constructed under Special Survey, in accordance with the approved drawings, & the workmanship has been found good throughout.

The approved plans are being retained for reference in the completion of the sister vessel "Daiya Maru" Yard No 134 which has recently been launched, excepting the Midship Section which is enclosed herewith.

The Surveyor should state the Number of Report and Name of any Sister Vessel.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 16 ft., R.Q.D. or Break — ft., Bridge Dk. — ft., F'castle 31 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 it should appear in the Register Book) 1 Deck Steel

Official No. ; Signal Letters JPNR

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 g'rders on floors Cellular.

Where fitted.	Length. Feet.	Water Capacity. Tons.	Where fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	96	228	Fore peak tank,		18
Double bottom, under Engines and Boilers,	62	152	After peak tank,		67
Double bottom, if under Engines only,			Midship deep tank,		
Double bottom, if under Boilers only,			Other tanks, if fitted,		
Double bottom, forward,	108	284	(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 All tested

Order for Special Survey No.

Date

No. 131 in builder's yard.

DATES of Surveys held while building

1st March 1901 to 3rd May 1902

Continuous attendance

Total No. of Visits

The amount of Entry Fee.....£ 5 : - -

Special Survey Fee ...£/35: 6 : -

Travelling Expenses, if any £ : : -

Fees applied for, 8.5.02

Received by me, 9.5.182

Certificate to be sent to Nagasaki Office

State whether the Vessel has been built under Special Survey

I am of opinion this Vessel should be Classed + 100 A1 Steel

With, or without Freeboard, as condition of Class Without

A. L. Jones.

Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute

Character assigned 100A1 Steel Subject

2 Dec 5, 02

Write No. 131

FRI, 13 JUN 1902

The Surveyors are requested not to write, either before the Committee's Minute.

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