

# Awning or Shelter Deck, or Pt. Awning Deck.

# STEEL STEAMER.

No. 2160

State if Report is also sent on the Machinery of the Vessel 16228 1913

Port of Nobe Date of completion of Report 25 Nov. 1917 Received at London Office  
Survey held at Innosshima Date, First Survey 27 May 1917 Last Survey 5th November 1917  
On the (State if Single, Tugboat, or Tugboat) Single Screw Steamer "Yamato Maru" Rig 2 masts

CLASS +100 A.I. Shelter Deck. FEET. Master N. Yama Kato  
Breadth (greatest moulded) 49.83 Year of Appointment 1917  
Depth, at middle of length from top of keel to top of 20.20 Built at Innosshima  
to beams at side of uppermost Continuous Deck 40.03 When built 1917 Launched 10 Oct 1917  
Deduct height of 'tween deck when this does not exceed 5ft. 40.03 By whom built The Nippon Iron Works, Ltd.  
Transverse Number 40.03 Owners Kobushiki Kaisha Gokko Shokai  
Length on deck from fore part of stem to after part of 345.00 Longitudinal Number 24160 Managers Residence  
sternpost 24253 Port belonging to Amagasaki  
Depth "d" at middle of length. See Secs. 2 & 13. 15.2" If Surveyed while Building, Afloat, or in Dry Dock Building  
Proportions, Depths to Length, Uppermost Continuous 12.25  
Deck at side to top of keel 9.50

TONNAGE under Tonnage Deck...  
Do. between Tonnage Dk. and 3rd, 4th, or Awning Dk. 3692.56  
Total under Upper Dk. 58.08  
Do. of Poop 313.73  
Do. of R. Qr. Dk. 60.68  
Do. of Bridge House 119.88  
Do. of Houses on Deck 46.51  
Do. of excess of Hatchways 74.38  
Do. above Crown of Engine Room 4365.84  
Gross Tonnage 150.37  
Less Crew Space 1397.18  
Less above Crown of Engine Room 25.76  
Less Navigation Spaces 38.17  
Net sp 2754.71  
Register Tonnage as cut on Beam...  
Destined Voyage

FRAMING.						PILLARS.								
	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.		Size in Ship.	Spacing in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.
FRAME, Angles, or $\square$ or $\angle$ Bars, amidships						PILLARS, In 'tween Deck, size and spacing	8x4x4	56				7 1/2x3 1/2x40		
Do. in peaks						" "	5x3 1/2x3 1/2x40					6x3 1/2x3 1/2x40		
Do. in way of Double Bottoms at Solid Floors						" Quarter, 'tween Decks	11x50	10x50	11x50			12x4x40		
" " at intermdt. Bkts.						" in Hold	5x22 1/2x40					12x54x12x54		
Spacing of Frames from centre to centre amidships						KEELSONS AND STRINGERS.								
" length to collision bulkhead						CENTRE LINE KEELSON, Vertical Plate above								
" of Frames from centre to centre in peaks						" Rider Plate								
REVERSED FRAME, Angles						" Flat Keel Plate Angles								
Do. in way of Double bottoms at Solid Floors						" Horizontal Plates on Floors								
" " at intermdt. Bkts.						" Angles or Bulb Angles								
FRAMING, depth of girder						SIDE KEELSONS, Number								
FLOORS, depth and thickness of Floor Plate						" Angles or Bulb Angles								
at mid-line for 1/2 length amidships						" Plate above floors, for length								
" in way of Engine and Boiler spaces						" Intercostal Plate, for length								
" thickness at the ends of vessel						" Attached to outside plating with Angle								
" depth at 1/2 the half-bdth. as per Rule						BILGE KEELSON, Angles								
" height extended at the Bilges						" Intercostal Plate, for length								
FLOORS, in Cell Double Bottoms	50 B.S.	40-34			40-34	" Attached to outside plating with Angle								
" state if flanged (top and bottom)	No				No	SIDE STRINGERS, Number								
" spacing of Solid	5 ft. 5 1/2 in. 6 ft. 6 in.	(33" x 36" E.R.)			40-54	" Angle								
CENTRE GIRDER, in Dbl. bottom, dpth. & thknss	40	48-38			40-48-38	" Intercostal Plate, for lng.								
" Angles, Top	3 1/2	3 1/2	46		3 1/2 3 1/2 46	" Attached to outside plating with Angle								
" Bottom	4	4	58		4 4 58	Awning or Shelter Deck Stringer Plates, breadth and thickness	52-32-56	40	52-32-56					
" to Floors	5	5	44		5 5 44	" Angle on ditto	5x5	60	5x5	60				
" Brackets at intermdt. frmg., wdth & thknss	One	36-34			One 36-34	" Tie Plates, fore and aft, outside Hatchways	3 1/2x3 1/2	44	3 1/2x3 1/2	44				
SIDE GIRDERS, number and thickness	No				No	" Deck * Steel, for whole lng.	34	9	34	9				
" state if flanged (top & bottom)	No				No	" Wood Deck, Material & thickness								
" Angles	3 1/2	3 1/2	36		3 1/2 3 1/2 36	Upper Deck Stringer Plate, breadth and thickness	34		34					
MARGIN PLATE, depth (exclusive of flange)	Low 4 1/2	42			Low 42	" Angles on ditto, No. one	3 1/2	3 1/2	40	3 1/2	3 1/2	40		
" and thickness	3 1/2	3 1/2	42		3 1/2 3 1/2 42	" Tie Plates, outside Hatchways								
" Angles to outside plating	6	3 1/2	44		6 3 1/2 44	" Deck * Steel, for whole lng.	34		34					
" to floors	36		40		36 40	" Wood Deck, Material & thickness								
" Brackets at intermdt. frmg., wdth & thknss						Second Deck Stringer Plates, br'dth & thkn's								
" Height of Brackets above at bilge	40	46-38			40 46-38	" Angles on ditto, No.								
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake						" Tie Plates, outside Hatchways								
" thickness in Engine and Boiler space						" Deck * Material and thickness								
" Remainder in Holds						Third, Fourth & Fifth Deck Stringer Plate, breadth and thickness								
BEAMS, Awn. or Shltr Dk, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel						" Angles on ditto, No.								
" Spacing						" Tie Plates, outside Hatchways								
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel						" Deck, Material and thickness								
" Spacing						Poop Deck Stringer Plate, breadth & thickness								
BEAMS, Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel						" Angles on ditto	3	3	32	3	3			
" Angles on upper edge						" Tie Plates								
" Spacing						" Deck, Material and thickness	Steel		30					
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel						Bridge Deck Stringer Plate, br'dth & thickness	46		50	46				
" Angles on upper edge						" Angle on ditto	5x5		54	5x5				
" Spacing						" Tie Plates								
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel						" Deck, Material and thickness	Steel		30					
" Angles on upper edge						Forecastle Deck Stringer Plate, br'dth & thkn's	32		32	32				
" Spacing						" Angles on ditto	3	3	32	3	3			
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel						" Tie Plates								
" Angles on upper edge						" Deck, Material and thickness	Steel		24	24				
" Spacing														







# PARTICULARS OF LONGITUDINAL FRAMING.

Osaka San Francisco Kobe Report No. 4.

FRAMING.		AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.					
		In Ship.			In Ship.			Per Rule or as approved.			Per Rule or as approved.			Rivets in Longitudinal Frames.		Spacing of Rivets on each side of Transverses and Bulkheads.		Rivets in Brackets to Bulkheads.	
		Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	
Framing of <i>W</i> <i>W</i> <i>C</i> Frames in Bridge 'tween Decks Frames from Uppermost Continuous Deck Framing from Awning, Shelter or Upper Deck to Margin Plate.	No. 1	6x35x3 1/2x37			6x35x3 1/2x37			7/8	5/4	5 1/4	5	7/8							
	" 2	6x35x3 1/2x37			6x35x3 1/2x37			"	"	"	"	7/8							
	" 3	"			Same as			"	"	Same as	6								
	" 4	7x313x3 1/2x40			Amidships	7x313x3 1/2x40			Amidships	"	"								
	" 5	7x325x3 4x45			"	7x325x3 3/4x42			"	"	7								
	" 6	10x375x3 3/8x47			"	10x375x3 1/2x47			"	"	8								
	" 7	"			"	"			"	4 3/8	3 1/2								
	" 8	"			"	"			"	"	"								
	" 9	"			"	"			"	"	"								
	" 10																		
	" 11																		
	" 12																		
	" 13																		
	" 14																		
	" 15																		
	" 16																		
Spacing of Longitudinal Frames		Amidships < 30			At Ends < 30			< 30			< 30								
Double Bottoms <i>D &amp; C</i>	Tank Top Longitudinals	6x35x3 1/2x37			Same			6x35x3 1/2x37			Same			7/8 5/4		4 3/8 3 1/2			
	Bottom	7x313x3 1/2x40			Same			7x313x3 1/2x40			Same			"		"			
Spacing of Longitudinals		30			30			30			30								
Transverses.														Rivets in Lugs to Shell Diam. Speng					
In Bridge 'tween Decks	Depth and Thickness	15 38			Same			15 38			Same								
	Face Angles <i>Single</i>	4 3 1/2 44			Same			4 3 1/2 44			Same								
	Lugs to Shell	3 1/2 3 1/2 38			Same			3 1/2 3 1/2 38			Same			7/8 4 3/8					
In Awning, Shelter or Upper 'tween Decks.	Depth and Thickness	16 40			Same			16 40			Same								
	Face Angles <i>Single</i>	8 3 1/2 46			Same			8 3 1/2 46			Same								
	Lugs to Shell	3 1/2 3 1/2 40			Same			3 1/2 3 1/2 40			Same			7/8 4 3/8					
In Hold.	Depth and Thickness	19 48			Same			19 48			Same								
	Face Angles <i>Single</i>	8 3 1/2 68			Same			8 3 1/2 68			Same								
	Lugs to Shell	5 5 46			Same			5 5 46			Same			7/8 4 3/8					
Brackets		having 5, 6, 7 & 8 rivets 7/8 dia																	
Spacing of Transverse Frames		11 feet & as per profile 11 feet.																	
* State if jogged or liners.		jogged																	
Longitudinal Beams of <i>D &amp; C</i>	Bridge Deck	6x313x2 1/2x39			Same			6x313x2 1/2x39			Same			< 36"					
	Awg. or Shlr. Dk.	"			Same			"			Same			< 39"					
	Upper	7x313x3 1/2x40			Same			7x313x3 1/2x40			Same			< 43"					
	Second	"			Same			"			Same			< 43"					
Third																			
Transverse Beams.																			

Double lugs to Shell for 4 frame spaces from flat of tank top fore and aft and to upper deck in fore hold.

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, etc., to be entered in their respective places provided for on the Report Forms.

NOTE:—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, etc., on the first page.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 30 ft., R.Q.D. ✓ ft., Bridge 99 ft., Forecastle (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 should appear in the Register Book) 1 Deck (Steel) & Shelter deck (Steel)

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.	Water Capacity.	Where Fitted.	Length.
	Feet.	Tons.		Feet.
Double bottom, aft,	109	367	Fore peak tank,	
Double bottom, under Engines and Boilers,	46	201	After peak tank,	
Double bottom, if under Engines only,			Deep tank, aft,	32
Double bottom, if under Boilers only,			Deep tank, forward,	
Double bottom, forward,	143	568	Other tanks, if fitted,	
	Total capacity of double bottom	1136	(If necessary, furnish further information by sketch.)	

\* The wells are not to be included in the lengths of the tanks. 298 State whether the above have been tested as required by the Rules Yes

Order for Special Survey No. \_\_\_\_\_

Date \_\_\_\_\_

No. 914 in builder's yard.

DATES OF SURVEYS held while building

May 27. June 7, 1915. July 6, 13, 30 & 31. Aug 13, 24, 25 & 29. Sept. 3rd 9th 23rd & 26th. Oct 2nd 8th 23rd 29th. Nov 5th.

Surveyor's Signature Arthur L. Jones

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