

Awning or Shelter Deck, or Pt. Awning Deck.

STEEL STEAMER.

No. 2247

Port of *Kobe* Date of completion of Report *THU. 3-AUG. 1918*
Survey held at *Innosshima* Date, First Survey *November 5th 1917* Received at London Office *March. 20th 1918*
On the *Single Screw Steamer "Meiko Maru"* Last Survey *March. 20th 1918*
Rig *2 masts*

TONNAGE under
Tonnage Deck

CLASS *+100 A1 Shelter deck.* FEET.

Master *K. Iizeno*

Year of Appointment *(1) As Master in service of owner of present vessel: 1911
(2) As Master of this vessel: 1911*

Built at *Innosshima*

When built *1918* Launched *28 February 1918*

By whom built *Kei Otsuka Iron Works Ltd. Innosshima Branch.*

Owners *Meiji Kaisha Kabushiki Kaisha*

Managers

(Where necessary to be entered in Reg. Book.)

Residence

Port belonging to *Yarumi*

Breadth (greatest moulded) *49.83*

Depth, at middle of length from top of keel to top of beams at side of uppermost Continuous Deck *20.17*

Deduct height of 'tween deck when this does not exceed 8ft.

Transverse Number *70.00*

Length on deck from fore part of stem to after part of sternpost *345.00*

Longitudinal Number *24150*

Depth "d" at middle of length. See Secs. 2 & 13 *15.2*

Proportions, Depths to Length, Uppermost Continuous Deck at side to top of keel *12.25*

Deck at side to top of keel *Bridge Upper Deck at side to top of keel 9.54*

Destined Voyage *Saigon*

If Surveyed while Building, Afloat, or in Dry Dock *Building*

On Rule	Ft.	Ins.	BREADTH	Ft.	Ins.	DEPTH, ACTUAL	Top of Floors to top of Awn. or Shelter Dk. Beams	Ft.	Ins.	No. of Decks with flat laid
	345	0	Moulded	49	10	Do.	do.	25	9 1/2	2
							Upper Deck Beams	16	9 1/2	2
of Ship per Register,										
Length	345.0		breadth	49.83		depth	19.17			
							Awn. or Shelter Dk.			
							Moulded depth, ft.	28	ins. 2	To Awning or Shelter Dk.
							Upper Deck			Round up of Uppermost Dk. Beam, Actual
										12 ins.

FRAMING.	Inches in Ship	Inches in Ship	Inches in Ship	Inches per Rule Or as Approved	Inches per Rule Or as Approved	PILLARS.	Inches in Ship	Inches in Ship	Inches in Ship	Inches per Rule Or as Approved	Inches per Rule Or as Approved
Angles, or \square or \angle Bars, amidships						PILLARS, in 'tween Deck, size and spacing	8x4x56. I	7x3x3x40. II			
Peaks						" " Hold <i>Spaced 22 1/2 ft. 6 1/2 ft.</i>	7x3x3x40	6x3x3x40			
Way of Double Bottoms at Solid Floors						" " Quarter, 'tween Dks., "	11x50: 10x50 etc.				
" " at intermdt. Bkts.						" " in Hold	S. = 22 1/2 ft. etc. 11x50	12x50			
Frames from centre to centre amidships						KEELSONS AND STRINGERS.					
Length to collision bulkhead						CENTRE LINE KEELSON, Vertical Plate above					
Frames from centre to centre in peaks						" " floors, Through Plate, or Intercostal Plate					
ED FRAME, Angles						" " Rider Plate					
Way of Double bottoms at Solid Floors						" " Flat Keel Plate Angles					
" " at intermdt. Bkts.						" " Horizontal Plates on Floors					
G, depth of girder						" " Angles or Bulb Angles					
depth and thickness of Floor Plate						SIDE KEELSONS, Number					
at mid-line for 1/2 length amidships						" " Angles or Bulb Angles					
Way of Engine and Boiler spaces						" " Plate above floors, for					
thickness at the ends of vessel						" " Intercostal Plate, for					
Depth at 1/2 the half-bdth. as per Rule						" " Attached to outside plating with Angle					
Height extended at the Bilges						BILGE KEELSON, Angles					
in Cell Double Bottoms						" " Intercostal Plate, for					
state if flanged (top and bottom)						" " Attached to outside plating with Angle					
spacing of Solid	5ft. 6 1/2 x 6ft.	33-36	48-54	40-48	38-42	SIDE STRINGERS, Number					
GIRDER, in Dbl. bottom, dpth. & thickness		40	48	38	40	" " Angle					
" " Angles, Top		3 1/2	3 1/2	46	3 1/2	" " Intercostal Plate, for					
" " Bottom		4	4	58	4	" " Attached to outside plating with Angle					
" " to Floors		5	5	44	5	Angling of Shelter Deck Stringer Plates, breadth and thickness	52-32 x 56-40	52-32 x 56-40			
Brackets at intermdt. frmg., width & thkness		One	36-34	34	One	" " Angle on ditto	5x5 x 60	5x5 x 60			
ORDERS, number and thickness						" " Tie Plates, fore and aft, outside Hatchways	3 1/2 x 3 1/2 x 44	3 1/2 x 3 1/2 x 44			
" " state if flanged (top & bottom)						" " Deck, * Iron or Steel, for	Whole	Whole			
Angles		3 1/2	3 1/2	36	3 1/2	" " Wood Deck, Material & thickness					
PLATE, depth (exclusive of flange)		Level top	42	Level top	42	Upper Deck Stringer Plate, breadth and thickness					
and thickness		3 1/2	3 1/2	42	3 1/2	" " Angles on ditto, No.	3 1/2 x 3 1/2 x 40	3 1/2 x 3 1/2 x 40			
Angles to outside plating		At Innos. 45	6	3 1/2	44	" " Tie Plates, outside Hatchways					
" " to floors		36	40	36	40	" " Deck, * Iron or Steel, for	Whole	Whole			
Brackets at intermdt. frmg., width & thkness						" " Wood Deck, Material & thickness					
Height of Brackets above at bilge						Second Deck Stringer Plates, br'dth & thkness					
BOTTOM PLATING, breadth and thickness of Middle Line Strake		40	46	38	40	" " Angles on ditto, No.					
" " thickness in Engine and Boiler space						" " Tie Plates, outside Hatchways					
Remainder in Holds		38	34	38	34	" " Deck, * Material and thickness					
Angle, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel						Third, Fourth & Fifth Deck Stringer Plate, breadth and thickness					
Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel						" " Angles on ditto, No.					
Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel						" " Tie Plates, outside Hatchways					
Angles on upper edge						" " Deck, Material and thickness					
Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel						Poop Deck Stringer Plate, breadth & thickness					
Angles on upper edge						" " Angles on ditto	3x3 x 32	3x3 x 32			
Spacing						" " Tie Plates					
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel						" " Deck, Material and thickness					
Angles on upper edge						Bridge Deck Stringer Plate, br'dth & thkness					
Spacing						" " Angle on ditto	46 x 50	46 x 50			
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel						" " Tie Plates					
Angles on upper edge						" " Deck, Material and thickness					
Spacing						Forecastle Deck Stringer Plate, br'dth & th'kness					
						" " Angles on ditto	32 x 32	32 x 32			
						" " Tie Plates					
						" " Deck, Material and thickness					

PARTICULARS OF LONGITUDINAL FRAMING.

GENERAL

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.		
														Diam.	Spang.			Number.	Diameter.	
		Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.					
Framing of $\frac{1}{2}$, $\frac{3}{4}$ or \square		6x35x3 $\frac{1}{2}$ x37 $\frac{1}{2}$						6x35x3 $\frac{1}{2}$ x37 $\frac{1}{2}$						7/8	5/4	5 1/4	5	7/8		
Frames in Bridge 'tween Decks ...		do.						do						- do -	"	"	"	"		
Frames from Uppermost Continuous Deck		do.						do						- do -	"	"	"	"		
Framing from Awning, Shelter or Upper Deck to Margin Plate.		No. 1	do.						do						- do -	"	"	"	"	
		" 2	do.						do						- do -	"	"	"	"	
		" 3	7x33x3 $\frac{1}{2}$ x40			Same			7x33x3 $\frac{1}{2}$ x40			Same			- do -	"	6	"		
		" 4	7x32x3 $\frac{1}{2}$ x40			do			7x32x3 $\frac{1}{2}$ x40			do			- do -	"	"	"	"	
		" 5	10x37x3 $\frac{1}{2}$ x47						10x37x3 $\frac{1}{2}$ x47						- do -	"	7	"		
		" 6	do			Amidships			do			Amidships			- do -	"	"	"	"	
		" 7	do						do						- do -	3 1/2	8	"	"	
		" 8	do						do						- do -	"	"	"	"	
		" 9	7x33x3 $\frac{1}{2}$ x40						7x33x3 $\frac{1}{2}$ x40						- do -	"	"	"	"	
		" 10	do.						do						- do -	"	"	"	"	
		" 11	do.						do						- do -	"	"	"	"	
		" 12	do.						do						- do -	"	"	"	"	
		" 13	do.						do						- do -	"	"	"	"	
		" 14	do.						do						- do -	"	"	"	"	
		" 15	do.						do						- do -	"	"	"	"	
		" 16	do.						do						- do -	"	"	"	"	
Spacing of Longitudinal Frames		Amidships < 30			At Ends < 30															
Double Bottoms L, L or C		Tank Top Longitudinals		6x35x3 $\frac{1}{2}$ x37 $\frac{1}{2}$			6x35x3 $\frac{1}{2}$ x37 $\frac{1}{2}$			6x35x3 $\frac{1}{2}$ x37 $\frac{1}{2}$			7/8 5/4			4 3/8				
		Bottom		7x33x3 $\frac{1}{2}$ x40			7x33x3 $\frac{1}{2}$ x40			7x33x3 $\frac{1}{2}$ x40			7/8 5/4			3 1/2				
		Amidships		30						30										
Spacing of Longitudinals		At Ends...			30			30			30									
Transverses.														Rivets in Lugs to Shell Diam. Spang.						
In Bridge 'tween Decks		Depth and Thickness		15x38			15x38			15x38			Same			7/8 4 3/8	Double lugs to shell for 4 frame spaces from flat of tank top fore and aft and to upper deck in fore hold.			
		Face Angles		4x3 1/2x44			Same			4x3 1/2x44			Same							
		Lugs to Shell*		3 1/2x3 1/2x38						3 1/2x3 1/2x38										
In Awning, Shelter or Upper 'tween Decks.		Depth and Thickness		16x40			16x40			16x40			Same			7/8 4 3/8				
		Face Angles		8x3 1/2x46			Same			8x3 1/2x46			Same							
		Lugs to Shell*		3 1/2x3 1/2x40						3 1/2x3 1/2x40										
In Hold.		Depth and Thickness		19x48			19x48			19x48			Same			7/8 4 3/8				
		Face Angles		8x3 1/2x68			Same			8x3 1/2x68			Same							
		Lugs to Shell*		5x5x46						5x5x46										
Brackets		having 5, 6, 7 x 8 rivets						7/8 dia												
Spacing of Transverse Frames		11 ft + 90 per profile			11 ft.															
* State if toggled or liners.																				
Longitudinal Beams of L, L or C		Bridge Deck ...		6x33x2 1/2x39			6x33x2 1/2x39			6x33x2 1/2x39			6x33x2 1/2x39			< 36	Transverse Beams.		In Ships.	
		Awg. or Shltr. Dk.		6x33x2 1/2x39			6x33x2 1/2x39			6x33x2 1/2x39			6x33x2 1/2x39			< 39			Plate.	Angles.
		Upper		7x33x3 1/2x40			7x33x3 1/2x40			7x33x3 1/2x40			7x33x3 1/2x40			< 43			As approved.	
		Second																	Plate.	Angles.
		Third																		
				6x33x2 1/2x39			6x33x2 1/2x39			6x33x2 1/2x39			6x33x2 1/2x39				back bars.			

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 84 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) One Deck (Steel) And Shelter Deck (Steel).
Official No. 22017; Signal Letters NRVQ. State if Machinery is fitted aft
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 girders on floors							
Where Fitted.		Length.	Water Capacity.		Where Fitted.	Length.	Water Capacity.
		Feet.	Tons.			Feet.	Tons.
Double bottom, aft, No 5. 43'-0" = 78 tons. No 4. 46'-0" = 289 tons (FW) UNDER ENDS 23'-0" = 100 tons		109.	367.		Fore peak tank,	18'-2 1/2"	115.
Double bottom, under Engines and Boilers,		46	201.		After peak tank,	10'-0"	29.
Double bottom, if under Engines only, No 3. 23'-0" = 93 tons					Deep tank, aft,	32'-0"	693.
Double bottom, if under Boilers only,					Deep tank, forward,		
Double bottom, forward, No 2. 42'-0" = 427 tons. No 1. 14'-11" = 143 tons		143.	568		Other tanks, if fitted,		
		Total capacity of double bottom	1136.		(If necessary, furnish further information by sketch.)		
					State whether the above have been tested as required by the Rules		
					Yes. ✓		

Order for Special Survey No. _____
Date _____
No. 947 in builder's yard.
DATES of Surveys held while building
November 5th, 14th, 19th, 29th Dec 4th, 7th, 17th
January 5th, 14th, 23rd, 27th, Feb 3rd, 6th, 9th, 17th March. 11th, 14th, 20th
Surveyor's Signature R. B. Batchelor
Lloyd's Register Foundation