

Awning or Shelter Deck,
or Pt. Awning Deck.

STEEL STEAMER.

No. 331

State if Report is also sent on the Machinery of the Vessel yes

Port of Kobe & Nagasaki Date of completion of Report 3rd Oct. 1921. Received at London Office
Survey held at Kobe and Nagasaki Date, First Survey 13th Decr. 1920 Last Survey 17th September 1921.
On the (State if Single, Twin, or Triple Screw) Twin Screw Steamer "BAIKAL MARU". Rig Two Masts.

TONNAGE under 4079.48 CLASS IOOAI, Shelter Dk, FEET.
Tonnage Deck... with Freeboard. Master Y. Ezoye.
Do. between Tonnage Dk. and / Breadth (greatest moulded) 50.00
3rd, 4th, or Awning Dk. Depth, at middle of length from top of keel to top of 30.00
Total under Upper Dk. 4079.48 beams at side of uppermost Continuous Deck
Do. of Poop Aff bridge 52.01 Deduct height of 'tween deck when this does not exceed 8ft. 22.00
Do. of R. Qr. Dk. 496.97 Transverse Number 72.00 Built at Kobe & completed at Nagasaki.
Do. of Bridge House 49.89 Length on deck from fore part of stem to after part of 400.00 When built 1921 Launched 10th May 1921
Do. of Forecastle 564.79 sternpost By whom built Mitsubishi Zosen Kaisha, Ltd.,
Do. of excess of Hatchways Longitudinal Number 288.00 Owners Osaka Shosen Kaisha, Ltd.,
Do. above Crown of Fore Hold 10'-7"
Engine Room 18'-17" Managers /
Gross Tonnage 5243.14 Proportions, Depths to Length, Uppermost Continuous 13.33 (Where necessary to be entered in Reg. Book.)
Less Crew Space 393.19 Deck at side to top of keel 18.18 Residence Osaka.
Less above Crown of Upper Deck at side 18.18 Port belonging to Osaka.
Engine Room 4849.95
Room 1677.80
tion Spaces 67.71
B. Tanks 21.38
Tonnage 3083.06
Beam ... Destined Voyage Osaka - Dairen. If Surveyed while Building, Afloat, or in Dry Dock Building.

on Ft. Ins. BREADTH Ft. Ins. DEPTH, ACTUAL Top of Floors to top of Shelter Dk. Beams 27 7/16 No. of Decks with flat laid
Rule 400 0 Moulded 50 0 Do. Upper Deck Beams 19 7/16 No. of Tiers of Beams 233 " "
of Ship per Register, 30.0 Shelter Dk. Moulded depth, ft 30 ins. 0 To Awning Shelter Dk. Round up of Uppermost 12 1/2 ins.
Length 400 breadth 50.0 depth 22.0 Upper Deck. Moulded depth, ft 22 ins. 0 To Upper Dk. Dk. Beam, Actual

FRAMING.						PILLARS.					
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.	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.
Bars, amidships ...						PILLARS, In 'tween Deck, size and spacing					
9	3 1/2	.50	9	3 1/2	.50	" " Hold					
7	3 1/2	.36	6	3 1/2	.40	" " Quarter, 'tween Dks., "					
3 1/2	3 1/2	.38	3 1/2	3 1/2	.38	" " in Hold					
8	3 1/2	.40	8	3 1/2	.40	Wide spaced as per profile					
Frames from centre to centre amidships						KEELSONS AND STRINGERS.					
24 1/2			24 1/2			CENTRE LINE KEELSON, Vertical Plate above					
" " " from 3/4						floors, Through Plate, or Intercoastal Plate					
24			24			" Rider Plate					
Length to collision bulkhead						" Flat Keel Plate Angles					
24			24			" Horizontal Plates on Floors					
Frames from centre to centre in peaks						" Angles or Bulb Angles					
7	3	.38	7	3	.38	SIDE KEELSONS, Number					
9			9			" Angles or Bulb Angles					
ED FRAME, Angles						" Plate above floors, for					
Flanged 3 1/2 in M.S. & /						" Intercoastal Plate, for					
ford 3/5 L 3 1/2 x 3 1/2 x .38						" Attached to outside plating with Angle					
7	3	.38	7	3	.38	BILGE KEELSON, Angles					
9			9			" Intercoastal Plate, for					
way of Double bottoms at Solid Floors						" Attached to outside plating with Angle					
38	.36	.48	38	.36	.48	SIDE STRINGERS, Number					
3 1/2			3 1/2			" Angle					
41	.50	.40	41	.50	.40	" Intercoastal Plate, for					
5	5	.52	5	5	.52	" Attached to outside plating with Angle					
3 1/2	3 1/2	.48	3 1/2	3 1/2	.48	Shelter Deck Stringer Plates,					
5	5	.52	5	5	.52	breadth and thickness					
3 1/2	3 1/2	.38	3 1/2	3 1/2	.38	" Angle on ditto					
30	.38		30	.38		" Tie Plates, fore and aft, outside Hatchways					
BRIDERS, number and thickness						" Deck * Steel, for					
Two	.36		Two	.36		" Wood Deck. Material & thickness					
Yes	3 1/2		3 1/2			" Upper Deck Stringer Plate, breadth and					
3 1/2	3 1/2	.38	3 1/2	3 1/2	.38	thickness					
30	.44		30	.44		" Angles on ditto, No.					
3 1/2	3 1/2	.44	3 1/2	3 1/2	.44	" Tie Plates, outside Hatchways					
3 1/2	3 1/2	.38	3 1/2	3 1/2	.38	" Deck * Steel, for					
33	.38		33	.38		" Wood Deck. Material & thickness					
23			23			" Second Deck Stringer Plates, br'dth & thckn's					
41	.48		41	.48		" Angles on ditto, No.					
.46	.54	.54	.46	.54	.54	" Tie Plates, outside Hatchways					
.38	.34		.38	.34		" Deck * Material and thickness					
9	3 1/2	.40	9	3 1/2	.40	" Third, Fourth & Fifth Deck Stringer Plate,					
49			49			breadth and thickness					
9	3 1/2	.40	9	3 1/2	.40	" Angles on ditto, No.					
49			49			" Tie Plates, outside Hatchways					
10	3 1/2	.48	10	3 1/2	.48	" Deck. Material and thickness					
9	3 1/2	.54	9	3 1/2	.54	Poop Deck Stringer Plate, breadth & thickness					
49			49			" Angles on ditto					
49			49			" Tie Plates					
49			49			" Deck. Material and thickness					
52			52			Bridge Deck Stringer Plate, br'dth & thickness					
9 1/2	3 1/2	.52	9 1/2	3 1/2	.52	" Angle on ditto					
49			49			" Tie Plates					
49			49			" Deck. Material and thickness					
33	.48		33	.48		Forecastle Deck Stringer Plate, br'dth & thckn's					
9 1/2	3 1/2	.54	9 1/2	3 1/2	.54	" Angles on ditto					
49			49			" Tie Plates					
49			49			" Deck. Material and thickness					

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of ^{Aft Bridge} ~~Deck~~ 31 ft., R.Q.D. / ft., Bridge 169.46., Forecastle 46.4 (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 dk (Stl) & Shelter dk (Stl) & 2nd Dk (Stl) in No.1 Hold. Elec. light wireless fitted, Two tiers of beams & three tiers in No.1 Hold.
Official No. ; Signal Letters State if Machinery is fitted aft no,
How are the surfaces preserved from oxidation? Inside Paint and Cement. Outside paint.

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors. Cellular.

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	114.33	208.36	Fore peak tank,	20.60	36.6
Double bottom, under Engines and Boilers,	67.37	236.68	After peak tank,	18.00	50.2
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	153.13	346.72	Other tanks, if fitted, Two F.W. Tank in Eng Rm.	8.17	64.6
	Total capacity of double bottom	791.76	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks. 334.83 State whether the above have been tested as required by the Rules yes

Order for Special Survey No. 67
Date 25th May, 1920.
No. 3 4 4, in builder's yard.
Dates of Surveys held while building
1920, Dec. 13, 17, 21, 1921. Jany. 7, 12, 17, 31, Feb. 9, 13, 18, 21, March. 5, 10, 18, 24, April. 5, 6, 8, 19, 25, 26, May, 2, 3, 6, 10, 17, 20, June, 7, July. 7. Aug. 11, 12, 15, 30, Sept. 2, 5, 17.
Total No. of Visits 36

Surveyor's Signature

H. Crawford