

No. 2375

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

Master *S. Yano*

Year of Appointment { (1) As Master in service of owner of present vessel:—19.  
(2) As Master of this vessel:—19.

Built at *Osaka*

When built *1918* Launched *30 Nov. 1918*

By whom built *Osaka Iron Works Co.*

Owners *Osaka Shosen Kaisha*

Managers

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

Residence *Osaka*

Port belonging to *Osaka*

While Building, Afloat, or in Dry Dock *Building*

LENGTH on as per Rule	Ft.	Ins.	BREADTH — Moulded ..	Ft.	Ins.	DEPTH, ACTUAL —	Top of Floors to top of <del>Awning</del> Shelter Dk. Beams	Ft.	Ins.	No. of Decks with flat laid ..
	345	0		49	10	Do.	do. Upper Deck Beams ....	25	9 1/2	No. of Tiers of Beams .. 2
Dimensions of Ship per Register,										
Length 345 breadth 49.83 depth 19.17				Awning or Shelter Dk. Moulded depth, ft. 28 ins. 2 To Awning or Shelter Dk. Round up of Uppermost Dk. Beam, Actual .. 12 ins						
Upper Deck.				Moulded depth, ft. 19 ins. 2 To Upper Dk.						

PLATING.

STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES.				RIVETING.				BUTTS.			
	AMIDSHIP.		FORWARD.		AFT.		Ordinary or Joggled?		RIVETS.		STRAPS.		IF LAPPED.					
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.	Single or Double.	Breadth of Lap.	Diam.	Spacing or to cr.	Diam.	Spacing or to cr.	Breadth.	Thickness.	Breadth.	For what Length.		
FLAT PLATE KEEL	45	84	64	64	45	84	D.	6	1	4	2 1/2	7/8	3 1/2	14	14	14	14	
GARBOARD OF A Strake	67	54	50	54	67	54	"	5 1/2	7/8	3 1/2	2 1/2	7/8	3 1/2	9	9	9	9	
State actual thickness in way of Double Bottom.	B	66	"	42	54	66	"	"	"	"	"	"	"	"	"	"	"	
C	65	"	50	48	65	"	"	"	"	"	"	"	"	"	"	"	"	
D	66	"	48	50	66	"	"	"	"	"	"	"	"	"	"	"	"	
E	78	"	42	50	78	"	"	"	"	"	"	"	"	"	"	"	"	
F	55	"	"	54	55	"	"	"	"	"	"	"	"	"	"	"	"	
G	72	"	44	54	72	"	"	"	"	"	"	"	"	"	"	"	"	
H	69	"	42	54	69	"	"	"	"	"	"	"	"	"	"	"	"	
J	67	"	"	"	67	"	"	"	"	"	"	"	"	"	"	"	"	
K	57	"	"	48	57	"	"	"	"	"	"	"	"	"	"	"	"	
L	42	"	38	36	42	"	"	"	"	"	"	"	"	"	"	"	"	
M	63	"	38	36	63	"	"	"	"	"	"	"	"	"	"	"	"	
N																		
O																		
P																		
Q																		
R																		
S																		
DOUBLE OF Flat Plate Keel	84	84	64	64	84	84	D.	6	1	4	2 1/2	7/8	3 1/2	14	14	14	14	
of Sheerstrakes	72				72		"	"	"	"	"	"	"	"	"	"	"	
State actual thickness in way of Double Bottom.	56				56		"	"	"	"	"	"	"	"	"	"	"	
POOP SIDES	36				36		"	"	"	"	"	"	"	"	"	"	"	
SHORT BRIDGE SIDES							"	"	"	"	"	"	"	"	"	"	"	
FORECASTLE SIDES	38				38		"	"	"	"	"	"	"	"	"	"	"	

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. *Opim Heath*

*Illinois S. Co. Imperial S. H. Island*  
*Steel Co. Central S. Co. Phoenix, Sealey*  
*Steel & Co.*

Has the Steel been tested as required by the Rules? *yes*

FRAMES extend in one length from *Long. Framing* to *Long. Framing* state if ordinary or joggled?

REVERSED FRAMES on floors and frames extend from *Long. Framing* state if ordinary or joggled?

MASTS, SPARS, &c.

	Material.	Total Length	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.		RIVETING.	
			At Partners.	Heel.	Hounds.	Head.		Number.	Size.	Seams.	Butts.
LOWER MASTS.	Steel	49-6	20-35	18-35	16-35	2	4	5	5	5	5
Main	"	50-6	20-35	18-35	16-35	2	4	5	5	5	5
Mizen	"										
Bowsprit											
Topmasts, Yards and Remainder of Spars											
Rigging, Material and Size, Shrouds	Steel wire 3 3/4	3 each F.M.									
Sails.	Suit of										

EQUIPMENT No. 27538 LETTER N.

Number of Certificate.	Anchors.	WEIGHT, EX. STOCK			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQ. BY TABLE 31.			Description of Anchor.	Makers.	Where and when tested and Superintendent.	
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.				lbs.
3677	1st Bower	88	1	1	Stockers	47	7	2	0	52	2	0	52	2	0	Adalt C.S.	Adalt S. Co. Phil. 13/16 Bladlock
4381	2nd "	57	1	8		46	17	0	21	52	2	0	52	2	0	Adalt S. Co.	Adalt S. Co. " 1/12/16 Bladlock
3558	3rd "	45	3	6		39	14	1	14	44	2	0	44	2	0	Adalt S. Co.	Adalt S. Co. " 1/12/16 Bladlock
	Collective weight	161	1	16		149	2	0		149	2	0					
3941	Stream	14	0	2	3	3	10	15	12	2	0	14	0	0	Common S.S.	Adalt S. Co. " 2 1/2/17 Adalman	
3915	Kedge	6	2	2	1	2	27	8	15	0	0	6	0	0	"	" " " 1/12/17	

CHAIN CABLES.

Number of Certificate.	Length and Size supplied.	Test per Certificate.	WEIGHT OF CHAIN CABLE.			Fathoms and size per Table 31.	Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.	Breaking Test of Steel Wire.	Fathoms and size per Table 31.
			Supplied.	Per Rule.	Per Rule.								
522	273 2 1/2	76.5	107.1	615.3	21	270	2 1/2	Steel	Graka C. H. Graka 30/10/8 go			2-90	7
Stream	90 4 1/2	55.34				90	4 1/2	Steel	Yoko R.M. Yoko			2-90	7

HAWSERS AND WARPS.

Number of Certificate.	Length and Size supplied.	Test per Certificate.	Fathoms and size per Table 31.	Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.	Breaking Test of Steel Wire.	Fathoms and size per Table 31.

Boats # 8

Steam Steering Gear *Calderwell* Hand Steering Gear *Swan*

Pumps, Number 1 *Downton* 1 to fore peak Diameter of Barrel 5 State whether they are in efficient working order *yes*

Windlass is *Iron* Capstan *none*

Engine Room Skylights.—How constructed? *Steel & glass in frames*

What arrangements for deadlights in bad weather? *none*

Coal Bunker Openings.—How constructed? *Steel solid cover* How are lids secured? *Iron bands* Height above deck? *30*

Number of Scuppers, and number and dimensions of Freeing Ports, &c. *each side 2-7 1/8 aft 3-3 1/8 7 1/2*

Ceiling in Holds, thickness and material *2 1/2 pine* Cargo Battens, thickness and material *2 1/2 pine*

Cargo Hatchways.—How formed? *Steel casings solid covers* Hatches, if strong and efficient? *yes*

State size No. 1 Hatch (Forward) *22 x 20* No. 2 Hatch *28 x 20* No. 3 Hatch *15 x 18* No. 4 Hatch *10 x 20*

Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch *N 1/4 web. N 1/4 web. N 1/4 web. N 1/4 web. N 1/4 web. N 1/4 web. N 1/4 web. N 1/4 web.*

Bulwarks, height above deck and description *4-0 steel*

The above is a correct description.

Builder's Signature (here only) *G. D. Cuthbert*

SAKAI TRADING CO. LTD. J. Sakai

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

1915. M. 21. 6. 22-29. M. Dec. 18.

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? *Long framing* 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 plating? *a few*

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.) *The workmanship and materials are good.*

*This vessel has been built in accordance with the approved plans and in conformity with the Rules for the class contemplated.*

Plans of Section. Profile, Bulkheads, Exe plating, Decks, Tank top, Forgings & 2 set of castings are sent under separate cover.

*Note: The bridge has been fitted for third class passengers.*

*Water vessel FUKU MARU No. 2070, East Port 2315, Meishu Maru 2339.*

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

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 30 ft., R.Q.D. 4 ft., Bridge 99 ft., F'castle 34 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) *1st (SH) and Shelter (SH). Long Framing.*

Official No. 24476; Signal Letters R.K.D.G. 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 *Cellular*

Where fitted.	*Length. Feet.	Water Capacity. Tons.	Where fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	107	367	Fore peak tank,	18	115
Double bottom, under Engines and Boilers,			After peak tank,	10	29
Double bottom, if under Engines only,	23	93	Deep tank aft,	32	473
Double bottom, if under Boilers only,	23	108	Deep tank forward,		
Double bottom, forward,	143	568	Other tanks, if fitted,		
	1136		(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. *1918 Aug. 13-24. Sept. 16-25. Oct. 3-8. 15-19. Nov. 6-12. 12-26. 29. Dec. 5-19. 24-27.*

Date *1919 Jan. 7.*

No. 932. in builder's yard. DATES OF SURVEYS held while building *1918 Aug. 13-24. Sept. 16-25. Oct. 3-8. 15-19. Nov. 6-12. 12-26. 29. Dec. 5-19. 24-27.*

Total No. of Visits *18*

The amount of Entry Fee *£50.* Fees applied for, *11/1 1919*

Special *£2356.* Received by me, *21 Jan. 1919*

Travelling Expenses, if any *£35.*

State whether the Vessel has been built under Special Survey *yes*

I am of opinion this Vessel should be Classed *100 A1. Shelter (SH).*

With, or without Freeboard, as condition of Class *with*

Committee's Minute *TUE MAY 6-1915*

Character assigned *100 A1. Shelter (SH) with freeboard*

*A. & B. P. + R.M.C. 1-19. 18.*



*G. D. Cuthbert*  
 Surveyor to Lloyd's Register of British and Foreign Shipping.

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# SURABAYA MARU

## PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.		AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.			
		In Ship.			In Ship.			Per Rule or as approved.			Per Rule or as approved.			Rivets in Longitudinal Frames. Diam. Spacing.	Spacing of Rivets on each side of Transverses and Bulkheads. Inches.	Rivets in Brackets to Bulkheads.	
		Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.			Number.	Diameter. Inches.
Framing of 																	
Frames in Bridge 'tween Decks ...		6x35x3 1/2x375			do			6x35x3 1/2x375			do			7/8 5 1/4	5 1/4	5	7/8
Frames from Uppermost Continuous Deck		No. 1															
Framing from Awning, Shelter or Upper Deck to Margin Plate.		" 2															
		" 3															
		" 4	7x313x3 5/8x40			do		7x313x3 5/8x40									
		" 5	7x328x3 1/2x453			do		7x328x3 1/2x453									
		" 6	10x375x3 3/8x437			do		10x375x3 3/8x437									
		" 7															
		" 8															
		" 9											4 3/8	3 1/2		8	
		" 10															
		" 11															
		" 12															
		" 13															
		" 14															
		" 15															
		" 16															
Spacing of Longitudinal Frames		Amidships	30					30									
		At Ends	30					30									
Double Bottoms		Tank Top Longitudinals	6x35x3 1/2x375			do		6x35x3 1/2x375			do			3/4 in hold			
		Bottom	7x313x3 5/8x40			do		7x313x3 5/8x40			do			7/8 5 1/4	4 3/8	6	7/8
Spacing of Longitudinals		Amidships	30					30								6	7/8
		At Ends	30					30								6	7/8
Transverses.																	
In Bridge 'tween Decks	Depth and Thickness	15 3/8			15 3/8			15 3/8			15 3/8						
	Face Angles	4 3 1/2 44			do			4 3 1/2 44			do			7/8 4 3/8			
	Lugs to Shell	3 1/2 3 1/2 38			do			3 1/2 3 1/2 38			do						
In Awning, Shelter or Upper 'tween Decks.	Depth and Thickness	16 40			do			16 40			do						
	Face Angles	8 3 1/2 46			do			8 3 1/2 46			do						
	Lugs to Shell	3 1/2 3 1/2 40			do			3 1/2 3 1/2 40			do						
In Hold.	Depth and Thickness	19 48			do			19 48			do						
	Face Angles	8 3 1/2 68			do			8 3 1/2 68			do						
	Lugs to Shell	5 5 46			do			5 5 46			do						
Brackets		27 48						27 48									
Spacing of Transverse Frames		11 ft as per profile			11 ft as per profile			11 ft as per profile									
		* State if joggled or ...															
Longitudinal Beams of 	Bridge Deck	6x313x3 1/2x373			do			6x313x3 1/2x373			do			Spacing 36			
	Awng or Shltr. Dk.	6x313x3 1/2x315			do			6x313x3 1/2x315			do			39			
	Upper	7x313x3 5/8x40			do			7x313x3 5/8x40			do			43			
	Second																
	Third																

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.

Anchor Lists				
1st Borneo	58.1.1	3677	18/12/16.	J.B. Baldt S.C.
2nd	57.1.8	4381	6/6/17	F.A. Senhurd Co.
3rd	45.3.6	3338	1/12/16	J.B. Baldt S.C.
Stream	14.0.2	3941	21/2/17	F.A. " "
Ridge	6.2.2	3915	10/2/17	F.A. " "



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