





WEB FRAMES.						FORGINGS or CASTINGS.											
						Inches in Ship.	Inches in Ship.	Inches per Rule.	Inches per Rule.	Inches in Ship.	Inches per Rule.						
WEB-FRAMES, In Fore Body, No. and spacing						KEEL, Bar, depth and thickness .....						Plate Keel					
" " brdth. & thickness						STEM, moulding and thickness .....						9½ x 2½ 9½ x 2½					
No. of Side Stringers "						STERN-POST for Rudder do. do.....						8½ x 6½ 8½ x 6½					
WEB-FRAMES, In E. & B. Space, No. & spacing						" for Propeller .....						9½ x 6½ 9½ x 6½					
" " brdth. & thickness						RUDDER—A x D° Table 22. Speed 12½ Knots						141 x 3 = 423					
" " No. of Side Stringers "						Main-Piece, diameter at head .....						10 ✓ 10					
Size of Face Angles to Web-Frames....						" " " at heel .....						7½ ✓ 7½					
BRACKET PLATES to Stringers between Web Frames, depth and thickness.....)																	
BULKHEADS.						STIFFENERS.						RUDDER, how constructed Forged Main piece + Movable Arms					
Vessel. Per Rule. Thickness. Horizontal. Vertical. Single or Double Frames. Height up, state deck.						Thickness of Plates or Single Plate						1' 08 ✓					
W.T.BULKHEADS AP. Jan 9 40-30						Can the Rudder be unshipped afloat? Yes.											
" 27 40-43						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											
" 35 40-34						Plates, Plating, &c.? Kasado Zensho											
" 47 34-30						U.S.S.R.C. Scully Wheel Bros.											
" 63 30						Amer. S. Co. + Gulf States											
" 77 40-26 Semi box one 27x40																	
.. COLLISION ..																	
PARTITION ..																	
LONGITUDINAL..																	
Are the outside Plates doubled two spaces of Frames in length? Brackets																	
None																	
Are the Watertight Doors in efficient working order? Yes.																	
PLATING.						RIVETING.											
STRAKES.						EDGES.						BUTTS.					
AS IN SHIP.						PER RULE OR AS APPROVED.						Ordinary or jogged?					
AMIDSHIP.						AMIDSHIP.						Double or Treble Rivets.					
BREATH. THICKNESS. THICKNESS. THICKNESS. BREATH. THICKNESS.						Single or Double. Breadth of Lap. Diam. Spacing cr. to cr.						Diam. Spacing cr. to cr. Breadth. Thick- ness. Breadth. For what Length.					
INCHES. INCHES. INCHES. INCHES. INCHES. INCHES.						INCHES. INCHES. INCHES. INCHES. INCHES. INCHES.						INCHES. INCHES. INCHES. INCHES. INCHES. INCHES.					
FLAT PLATE KEEL.....						Double 6 1 4						2nd-Treble 1 4					
(If Bar Keel, state Riveting.)						5¼ ⅞ ¾						Treble ⅞ ¾					
GARBOARD OF A STRAKE																	
State actual thickness in way of Double Bottom.																	
B																	
C																	
D																	
E																	
F																	
G																	
H																	
J																	
K																	
L																	
M																	
N																	
O																	
P																	
Q																	
R																	
S																	
T																	
U																	
V																	
W																	
THICKNESS OF SHEET PILE						84 at Br. ends											
CLEAR OF LONG BRIDGE						72 42 42											
DO. OF STRAKE BELOW						56 42 42											
Date of Flat Plate Keel																	
Shearstrakes																	
Length and thickness.																	
POOP SIDES .....						36						36					
SHORT BRIDGE SIDES ...																	
FORECASTLE SIDES .....						38						38					
Awning or Shelter Deck						Butts, III riveted for Half length amidship.						riveted.					
Stringer Plate						overlapped for Whole length amidship.						riveted.					
Upper Deck						Butts, II riveted for whole length amidship.						riveted.					
Stringer Plate						overlapped for whole length amidship.						riveted.					
Inner Bottom Plating, riveting of Edges						Centre II Butts Others I-II						riveted.					
Centre Girder Butts, I - II						riveted.						Keelson Butts, riveted.					
Frames, riveted through Plates with 7/8" in. Rivets, about 6+4 dia. apart.																	
Rivets, state whether Iron or Steel						Steel											
FRAMES extend in one length from to State if ordinary or jogged																	
REVERSED FRAMES on floors and frames extend from Longitudinal Framing State if ordinary or jogged																	
MASTS, SPARS, &c.																	
Material. Total Length.						DIAMETER AND THICKNESS.						No. of Plates in round.					
						At Partners. Head. Hounds. Head.						Number. Size.					
LOWER MASTS..... Fore .....						Steel 49'-6"						27 x 55 26 x 45 20 x 40 Two ✓ ✓					
Main .....						50'-6"						20 x 35 18 x 35 16 x 30 . ✓ ✓					
Mizen.....																	
Bowspit																	
Topmasts, Yards and Remainder of Spars Pine																	
Rigging, Material and Size, Shrouds 3/4 5 W. 3 a side fore + main Stays Fore + main 3/4 5 W.																	
Sails, Suit of Sails, and the following spare sails Top + Back 2/4 5 W.																	

EQUIPMENT No. 27532 LETTER W																ANCHORS.							
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.						
707	1st Bower	57	2	25	Stockless			47	1	3	14	52	2	0	Hall's Type	Kobe Stl. Wks	Kobe: 21-4-1919: A.W.						
721	2nd "	56	3	23				46	12	2	0	52	0	0	"	"	" 21-4-1919: A.W.						
684	3rd "	45	0	10				39	6	2	7	45	0	0	"	"	" 13-3-1919: A.W.						
	<i>Calculated weight</i>	150	3	2								149	2	0									
686	Stream	14	0	7	3	2	8	15	14	2	21	14	0	0	Rodger's Type	Kobe Stl. Wks	Kobe: 21-3-1919: A.W.						
701	Kedge	6	1	0	1	2	12	8	10	0	0	6	0	0	"	"	" 9-4-1919: A.W.						
Particulars of Drop Test of Cast Steel Anchors, viz.:—																							
		1st Bower		33.0.4		A.W.		707		11-3-1919													
		2nd "		32.0.16		A.W.		721		18-3-1919													
		3rd "		25.2.24		A.W.		684		13-2-1919													
CHAIN CABLES.																HAWSERS AND WARPS.							
Number of Certificate.	Length and Size supplied.		Test per Certificate.	WEIGHT OF CHAIN CABLE.		Pathoms 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 Towing.	Pathoms and size per Table 31.									
	Length.	Diam.		Supplied.	Per Rule.						Length.	Diam.			Length.	Gir.							
871	274	2 1/6	76%	10 1/2	64	3 23	5 13	2 14	270	2 1/6	Stud Link	Oosaka Chain Works	Kobe: 22-7-1919: Y.J.	TOWLING: Steel wire HAWSERS & WARPS: 2-90 7 MANILA 2-90 7 ROPE 2-90 7									
(Stream)	90	4 1/2	62.7				90	4 1/2	TOKIO SAKI KAISHA	Makino Cent.													
BONTS 2 Life Boats: 25'-1"x7'-1"x3'-5". 2 Cutters 18'x5'9"x2'-6" each Steering Gear, Steam By Builders Steering Gear, Hand Scr. by Builders																							
Pumps, Number Downcom + Small A.P. to F.P. Diameter of Barrel 5" State whether they are in efficient working order yes																							
Windlass is By Builders Capstan None																							
Engine Room Skylights.—How constructed? Plates + Angles What arrangements for deadlights in bad weather? Glass in steel frames																							
Coal Bunker Openings.—How constructed? Plates + Angles How are lids secured? H'boards Height above deck? 2'-6"																							
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 4 a side in each Well 3'x4" F.P. 4 a side each Well 1'-6"x2'-7 1/2"+1'-6"x3'-3"																							
Ceiling in Holds, thickness and material 2 1/2 Pine under H'ways Cargo Battens, thickness and material 2"x6" Sugi Wood																							
Cargo Hatchways.—How formed? Plates + Angles + half round bars. Hatches, If strong and efficient? yes																							
State size No. 1 Hatch (Forward) 22'-0"x20'-0" No. 2 Hatch 28'-0"x20'-0" No. 3 Hatch 15'-0"x18'-0" No. 4 Hatch 10'-0"x20'-0"																							
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch Nos. 1, 5 + 6 Four Webs " 2 " 22'-8"x28'-0"																							
No. 2. Five Webs; No. 3. Two Webs; No. 4. One web. No. of Breasthooks at each longit. No. of Crutches Deep Floors																							
Bulwarks, height above deck and description 4'-0"x26" plate 7 x 40 Bull Main Rail and Stays, material and size 6 x 3 x 3/8 B.A.																							
The foregoing is a correct description.																							
Builder's Signature (here only) L. Yenno Surveyor's Signature John Sim Surveyor to Lloyd's Register of Shipping.																							
Correspondence.—State dates and initials of letters respecting this case (References should be made in any correspondence connected with the case) " M 21 <sup>st</sup> Oct, 22 <sup>nd</sup> Oct, 3 <sup>rd</sup> Dec. 1915.																							
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? Longitudinal 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 faying surfaces? yes Do any rivets break into or through the seams or butts of the plating? Very 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.) This vessel has been built under Special Survey in accordance with the approved plans + the materials + workmanship are good. Photo prints of Midship section + Profile + Decks are forwarded. Sister vessels reported are Fukue Maru (Rpt. No. 2610) East Port (Rpt. 2315) Meichu Maru (Rpt. 2339) Batavia Maru (Rpt. 2432) Seijin Maru (Rpt. 2531) Herman Maru (Rpt. 2546) Yesaki Maru (Rpt. 2639).																							
The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans to be forwarded with F.E. Report showing vessel as built.																							
The amount of Entry Fee ... Yen : 50.- Fees applied for, Special Survey Fee .... £ 2349.- 1-10-1919 Travelling Expenses, if any £ 250.- Received by me, 24-10-1919																							
Certificate to be sent to Kobe Date of issue 18.6.20 2234																							
State whether the Vessel has been built under Special Survey yes																							
I am of opinion this Vessel should be Classed * 100A1 Awaiting Deck.																							
With, or without Freeboard, as condition of Class with Freeboard.																							
Committee's Minute TUE. JUN. 15 1920																							
Character assigned 100A1. Shelter Str. with fld K.C.P. + d.m.c 9.19 - F.D.																							

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## 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.	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.	Diam. Speng.	Inches.	Number.	Diameter.			
Framing of <del>bottom</del> [		6x35x3 1/2 x 3 1/2					6x35x3 1/2 x 3 1/2						7/8	6 dias.	6 dias.	5	7/8			
Frames in Bridge 'tween Decks...		"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"			
Frames from Uppermost Continuous Deck		"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"			
No. 1		"	"	"	Same	"	"	"	Same	"	"	"	"	"	"	"	"			
" 2		"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"			
" 3		"	"	"	as	"	"	"	as	"	"	"	"	"	"	"	"			
" 4		7x313x3 1/2 x 40			amid-		7x313x3 1/2 x 40		amid-				"	"	"	6	"			
" 5		7x328x3 1/2 x 50			ships		7x328x3 1/2 x 50		ships				"	"	"	"	"			
" 6		10x3 1/2 x 3 1/2 x 16			"		10x3 1/2 x 3 1/2 x 16		"				"	"	"	7	"			
" 7		"	"	"	"	"	"	"	"	"			"	"	"	"	"			
" 8		"	"	"	"	"	"	"	"	"			5 dias.	4 dias.	8	"	"			
" 9		"	"	"	"	"	"	"	"	"			5	"	"	"	"			
" 10		"	"	"	"	"	"	"	"	"			"	"	"	"	"			
" 11		"	"	"	"	"	"	"	"	"			"	"	"	"	"			
" 12		"	"	"	"	"	"	"	"	"			"	"	"	"	"			
" 13		"	"	"	"	"	"	"	"	"			"	"	"	"	"			
" 14		"	"	"	"	"	"	"	"	"			"	"	"	"	"			
" 15		"	"	"	"	"	"	"	"	"			"	"	"	"	"			
" 16		"	"	"	"	"	"	"	"	"			"	"	"	"	"			
Spacing of Longitudinal Frames		Amidships			30			30			30									
		At Ends			30			30			30									
Double Bottoms		Tank Top Longitudinals			6x35x3 1/2 x 3 1/2			Same			6x35x3 1/2 x 3 1/2			7/8 6 dias.			5 dias			
		Bottom			7x313x3 1/2 x 40			as			7x313x3 1/2 x 40			as			4 "			
Spacing of Longitudinals		Amidships			30			amid			30			amid						
		At Ends			30			30			30			30						
Transverses.																				
In Bridge		Depth and Thickness			15x38			15x38			15x38			7/8 4 3/4						
'tween Decks		Face Angles			4 3/2 44			Same			4 3/2 44			Same			7/8 4 3/4			
		Lugs to Shell*			3 1/2 3 1/2 38			as			3 1/2 3 1/2 38			as						
In Awning, Shelter or Upper 'tween Decks.		Depth and Thickness			16x40			amid			16x40			amid						
		Face Angles			8 3/2 46			8 3/2 46			8 3/2 46			7/8 4 3/4			Double lugs for 4 from sp. above tank top + to upper deck in fore hold.			
		Lugs to Shell*			3 1/2 3 1/2 40			3 1/2 3 1/2 40			3 1/2 3 1/2 40									
In Hold.		Depth and Thickness			19x48			19x48			19x48									
		Face Angles			8 3/2 68			8 3/2 68			8 3/2 68									
		Lugs to Shell*			5 5 46			5 5 46			5 5 46									
		Brackets			11 feet + as per profile			11 feet + as per profile			11 feet + as per profile									
Spacing of Transverse Frames		State if joggled or liners.			11 feet + as per profile			11 feet + as per profile			11 feet + as per profile									
Longitudinal Beams of		Bridge Deck			6x313x3 1/2 x 3 1/2			Same			6x313x3 1/2 x 3 1/2			Same			36 about			
		Awg. or Shltr. Dk.			" " " "			as			" " " "			as			" "			
		Upper			7x313x3 1/2 x 40			amid			7x313x3 1/2 x 40			amid			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.

5c4.19.—T.

**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop 30 ft., R.Q.D. ft., Bridge 98 ft., Forecastle 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 should appear in the Register Book) 1 Deck (steel) + Awning Dk. (steel)  
 Official No. 24982 ; Signal Letters RLND. State if Machinery is fitted aft No.  
 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 Cellular

Where Fitted.	*Length.	Water Capacity.	Where Fitted.	*Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft, No. 4. = 66'-0" - 282.10 tons	104'-6"	356	Fore peak tank,	18'-2 1/2"	1
Double bottom, aft, No. 5. = 38'-6" 73.94 "	23'-0"	109	After peak tank,	10'-0"	6
Double bottom, under Engines and Boilers,	23'-0"	105	Deep tank, aft,	32'-0"	6
Double bottom, if under Engines only, 23'-0" 54 tons	143'-0"	550	Deep tank, forward,		
Double bottom, if under Boilers only, 23'-0" 52			Other tanks, if fitted,		
Double bottom, forward, No. 1. 53'-0" - 133.06			(If necessary, furnish further information by sketch.)		
Double bottom, forward, No. 2. 90'-0" - 417.04					
Total capacity of double bottom		1120			

\* 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.

Date

No. 962 in builder's yard.

DATES of Surveys held while building

1919 May 15<sup>th</sup>, 23, 27; June 3<sup>rd</sup>; July 2, 3, 10, 14, 25, 30; Aug. 7, 13, 20, 22, 24<sup>th</sup>.  
 5, 9, 15, 16, 17, 22, + 29<sup>th</sup>

Surveyor's Signature

John Sim

Total No. of Visits 2

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