

## STEEL STEAMER or MOTORSHIP.

27 DEC 1928

Received at London Office

State if Report has been sent on the Freeboard of the Vessel No.State if Report is sent on the Machinery of the Vessel Yes.

Date of completion of report

Port of KobeNo. 6340.Survey held at Harima DockyardDate First Survey Oct. 29<sup>th</sup> 1928Last Survey Nov. 24<sup>th</sup> 1928

On the (State if Machinery fitted Aft and (if Single, Twin or Triple Screw)

Steel Twin Screw Motor Vessel "Taijin Maru" ex. "Hallefried"

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings)

Complete Superstructure without Tonnage Openings

State Type of Erections

TONNAGE under Tonnage Deck... 4884.96CLASS 100 A.1.State if with freeboard as condition of Class YesBuilt at RotterdamDo. of space or spaces between Tonnage Dk. and Upper Dk. ✓Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) L 375.75Launched Yard No. 162.Breadth (greatest moulded) B 51.25Builders Wrf. voorh. Rijkse + Co.Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 34.125Owners Shimomura Kisen K.K.

Total

Gross Tonnage 5154.91Register Tonnage 3653.751st Longitudinal Number (L x D) = 12823Managers Taiyokaiun Kab. Kaisha  
(Where necessary to be entered in Reg. Book.)2nd Numeral L x (B + D) = 32086Residence Kobe

## REGISTERED DIMENSIONS.

FEET.

Length 375Framing Depth "d," at middle of length. See Sec. 3 (1d) 25.62Breadth 51.25Proportions—Depth to Length—Uppermost continuous deck to top of keel 11.00Depth 34.13Do. Long Bridge to top of keel ✓Draught Moulded 25.75Port of Registry Fuchu

If surveyed while building, afloat, or in dry dock

Afloat + in dry dock.

## FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
<b>FRAMES, Spacing amidships</b> .....	25"		<b>Bracket Floors, Frame</b> .....	7½ x 3½ x 46 BA	
"    "    from ½ length to Collision bulkhead.....	25"		"    "    Reversed Frame .....	do	
"    "    in peaks.....	F.P. 25" A.P. 25 x 21½		"    "    Vertical Struts .....	do	
<b>SIDE FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b>	46 x 50	
Frame Amidships, Angle, <u>E</u> or <u>[</u> .....	10 x 3½ x 675		"    "    top Angles .....	3½ x 3½ x 48	
"    "    Extends up to .....	Upper Sk.		"    "    bottom Angles .....	5 x 5 x 50	
Reversed Frame Amidships, Angle .....	✓		<b>Side Girders, No. each side and thickness</b> .....	ONE 1 3/8"	
"    "    Extends up to...	✓		<b>Margin Plate</b> depth (excl. of flange) and thickness .....	41" x 7/16	
Depth of Framing Girder.....	✓		"    "    Vertical Angle to Tank side Bracket abaft ¼ len. from stem .....	3½ x 3½ x 14	double
Frames in Uppermost Continuous 'tween Decks, Angle, <u>[</u> or <u>[</u> .....	✓		"    "    Vertical Angle to Tank side Bracket forward ¼ len. from stem .....	3½ x 3½ x 10	double
"    "    Second 'tween Decks, Angle, <u>[</u> or <u>[</u> .....	✓		"    "    Gussets, spacing and scantling abaft ¼ len. from stem.....	3½ x 3½ x 52	all frms.
"    "    Third " " " " .....	✓		"    "    Gussets, spacing and scantling forward ¼ len. from stem.....	do	every fr.
Framing in Peaks, Angle or <u>[</u> .....	8 x 3½ x 50		<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>	69" x 38	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships .....	7/8" @ 6 dia		<b>INNER BOTTOM PLATING.</b>		
State if Frame Joggled .....	No.		Breadth and thickness of Middle Line Strake ...	41 x ½ to 7/16	
<b>PANTING ARRANGEMENTS</b> (Sec. 7), state system and particulars)	10 x 3½ x 725 with 6 x 4½ x 50 rev. fr. every 3rd frame + 3 intercostal stringers full depth addl. girder and double frames to floor for 3 of 3½ L midship thickness of bottom plating maintained to coll. Bulk.		Thickness of remainder in Holds .....	3/8"	½ in E.R.
<b>STRENGTHENING OF BOTTOM FORWARD.</b> State Particulars .....			Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room? .....	Yes.	
<b>SINGLE BOTTOM.</b>			<b>BEAMS.</b>		
Floors, Depth and thickness at mid-line in Holds .....			Uppermost Continuous Deck, amidships in Wells, Angle, <u>E</u> or <u>[</u> .....	8½ x 3 x 48 BA. Through	
Height of Brackets at side above base line at toe of frame .....			"    "    in way of Bridge, Angle, <u>E</u> or <u>[</u> .....	7 x 3 x 42 " ½ Beams	
Middle Line Keelson, on Floors, Angles, <u>[</u> or <u>[</u> .....			Spacing .....	every frame.	
"    "    Through Plate or Intercostal Plate .....			<b>Second Deck, amidships, Angle, <u>E</u> or <u>[</u> .....</b>	10 x 3½ x 54 Through	
"    "    Foundation Plate on Floors .....			Spacing .....	8 x 3 x 46 ½ Beams	
"    "    Flat Plate Keel Angles			<b>Third Deck, amidships, Angle, <u>[</u> or <u>[</u> .....</b>	✓	
<b>DOUBLE BOTTOM.</b>			Spacing .....		
Solid Floors, thickness and spacing .....	38 every 2nd frame Hold at every frame in E.R. + No. 1 Hold		<b>Fourth Deck, amidships, Angle, <u>[</u> or <u>[</u> .....</b>	✓	
"    "    Are Frame and Reversed Frame joggled? .....	No.		Spacing .....		
Bracket Floors, breadth and thickness at middle line.....	36" x 38		<b>Poop Deck, Angle, <u>[</u> or <u>[</u> .....</b>	✓	
"    "    breadth and thickness at margin plate.....	26" x 38		Spacing .....		
			<b>Bridge Deck, Angle, <u>[</u> or <u>[</u> .....</b>	✓	
			Spacing .....		
			<b>Forecastle Deck, Angle, <u>E</u> or <u>[</u> .....</b>	✓	
			Spacing .....		



PILLARS AND DECKS.											
		INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.				INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.	
<b>PILLARS, No. of Rows.....</b>						Stringer Plate, breadth and thickness in way of Bridge .....		✓			
" in 'tween Decks, Size and Spacing.....						Thickness of Plating abreast Deck openings in way of Walls .....		✓	5/16"		
" " " " "						Thickness of Plating abreast Deck openings in way of Bridge .....		✓			
" in Holds " "						Thickness of Plating within line of openings...		✓	5/16		
" " " " "						If Sheathed, material and thickness .....		✓			
<b>Centre Line Bulkhead.</b>						<b>Third Deck.</b>					
Stiffeners and Spacing.....						Stringer Plate, breadth and thickness.....					
Plating, thickness of .....						If Plated, state thickness.....					
<b>STRINGERS AND DECKS.</b>						<b>Fourth Deck.</b>					
<b>Uppermost Continuous Deck.</b>						Stringer Plate, breadth and thickness.....					
Stringer Plate, breadth and thickness in Walls						If Plated, state thickness .....					
" " " " in way of Bridge						<b>Poop Deck.</b>					
" Angle in Walls .....						Stringer Plate, breadth and thickness .....					
Thickness of Plating abreast Deck openings in way of Walls .....						Plating, Sheathing, material and thickness .....					
Thickness of Plating abreast Deck openings in way of Bridge .....						<b>Bridge Deck.</b>					
Thickness of Plating within line of openings...						Stringer Plate, breadth and thickness.....					
If Sheathed, material and thickness .....						Plating, Sheathing, material and thickness .....					
<b>Second Deck.</b>						<b>Forecastle Deck.</b>					
Stringer Plate, breadth and thickness in Walls...						Stringer Plate, breadth and thickness .....					
						Plating, Sheathing, material and thickness .....					

SHELL PLATING.												
SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.				
						State if joggled?	No					
	AMIDSHIPS.		FORWARD.			SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	AFT.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
	Inches.	Inches.	Inches.	Inches.		Inches.	Inches.		Inches.	Inches.		
FLAT PLATE KEEL .....	45"	5/16"	3/4"	3/4"		double	1"	3 3/8"	4	1"	3 1/2"	straps
„ DELG. (if any)		No										
BOTTOM PLATING, No. of of Strakes ...4.....)		5/8"	1/2"	1/2"		double	7/8	2-8"	4	7/8"	3/8	lap.
BILGE PLATING, No. of Strakes .....1.....)		5/8"	1/2"	1/2"		double	7/8	3-6"	4	7/8	3/8"	"
SIDE PLATING, No. of Strakes .....5.....)		5/8"	7/16	7/16		do	do	do	3	7/8	3/8	"
UPPER DECK, Sheer- strake in Walls.....)	45	3/4"	1/2"	1/2"		do	1"	4"	4	1"	3/2	"
UPPER DECK, Sheer- strake in Bridge ...)												
STRAKE BELOW Sheer- strake in Walls.....)	45	5/8	1/2	7/16		do	7/8"	3-6"	4	7/8	3/8	"
STRAKE BELOW Sheer- strake in Bridge ...)												
POOP SIDE PLATING .....		v										
BRIDGE SIDE PLATING ...		v										
FORECASTLE SIDE PLATING		v										

WATERTIGHT BULKHEADS.					FORGINGS AND CASTINGS.				
Total No. of W.T. BULKHEADS in Vessel—									
Extending to Upper Deck (Sec. 3 c)		3 to upper dk			Casting or Forging.		Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
" Deck next below		3 to 2 <sup>nd</sup> deck							
As per Rule		6							
		Plating Thickness.	STIFFENERS.		KEEL, Bar .....		✓		
			VERTICAL.	HORIZONTAL.	STEM .....		forging	9×2½	
		Scantlings.	Spacing.	Scantlings.	Spacing.	STERN FRAME {	Casting	9×3½	
						Rudder ..			
						RUDDER—A×D .....			
MIDSHIP BULKH'D, Upper tween decks		¼"	3½×¾×320 A. @ 30"ms			Speed of Vessel 10 Knots.			
" " Second "						RUDDER mainpiece at head ..			
" " Third "						" " heel ..			
" " Holds .....		3⁄8"	10×3½×72 BA @ 30"			" how constructed .....			
COLLISION " (in Hold) .....		3⁄8"	8×3×48 BA @ 24"			" double or single plate			
AFTER PEAK " " .....		7⁄16"	8×3×42 BA @ 24"			" coupling, vertical or horizontal .....			
					1" THK				
					Horizontal				
Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)									
STEEL.					Unknown				
Has the Steel been tested as required by the Rules?					Built to Norwegian Veritas requirements.				

EQUIPMENT No. 32550									
		ANCHORS.		LETTER Y.		ANCHORS.			
Number of Certificate.		WEIGHT, EX. STOCK.		WEIGHT OF STOCK.		TEST, PER CERTIFICATE.		WEIGHT REQUIRED BY TABLE 53.	
Sunderland 29265		Cwts. qrs. lbs.		Cwts. qrs. lbs.		Tons. cwt. qrs. lbs.		Cwts.	
N.V. 968		1st Bower		33 3 1/4		50 10 0 0		60.00	
N.V. 969		2nd "		30 30 0 0		49 120 kg.		60.00	
N.V. 969		3rd "		25 62 kg.		43 400 kg.		50 1/2	
N.V. 969		Collective weight		500 kg.		170 1/2		✓	
N.V. 969		Stream		829 kg.		207 kg.		18000 kg.	
N.V. 969		15 1/4 x stock		Kokanker		Med. Ind. Handel		Rottterdam 18/8/21	

CHAIN CABLES.									
Number of Certificate.		Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length and size per Table 53.	
		Length.	Diam.	Statu- tory.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.
		Fathoms.	Ins.	Tons.	Tons.	Cwts. qrs. lbs.	Cwts.	Fathoms.	Ins.
N.V. 968		210	5 1/2	12800	92200	29500	645 3/4	270 2 3/4	Stud Link
N.V. 968		210	5 1/2	12800	92200	29500	645 3/4	270 2 3/4	Stud Link
N.V. 968		210	5 1/2	12800	92200	29500	645 3/4	270 2 3/4	Stud Link
N.V. 968		210	5 1/2	12800	92200	29500	645 3/4	270 2 3/4	Stud Link
N.V. 968		210	5 1/2	12800	92200	29500	645 3/4	270 2 3/4	Stud Link
N.V. 968		210	5 1/2	12800	92200	29500	645 3/4	270 2 3/4	Stud Link
N.V. 968		210	5 1/2	12800	92200	29500	645 3/4	270 2 3/4	Stud Link

Steering Gear, Steam		Hale Shaw		Steering Gear, Hand		Screw gear	
Boats		Four		Steering Chains, Size and Test		Windlass	
Ceiling in Holds, thickness and material		2 1/2" Baltic pine on battens		Cargo Battens, thickness, material and spacing		6' x 2' @ 12" distances	
Cargo Hatchways.—(Upper Deck)		Coamings 34 1/2" x 1/2"		Thickness of Hatches		3	
Size of No. 1 Hatchway (Forward)		27'1" x 18'0" five		No. 2 31'3" x 18'0" six		No. 3 29'2" x 18'0" five	
				No. 4 31'3" x 18'0" six		No. 5 27'1" x 18'0" five	
Number of Shifting Beams		Fore and Aft		Breaking wt.			
Diplo 60975		1 5/8 2 1/4		127-10		39-2-7 Stud 9-8-26 H.C. Leson	
" 57336		1 5/8 2 1/4		do		38-1-21 Link 10-10-22 W.A. Drysdale	
" 57337		1 5/8 2 1/4		do		38-1-16 " do	
" 60974		1 5/8 2 1/4		do		39-0-14 " 9-8-26 H.C. Leson	
				Builder's Signature			



GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

to the weather deck, and together with the margin connections found perfectly tight.

Rider plates have been fitted to the hatch side girders as required in London letter dated 1<sup>st</sup> Aug. 1928.

Special Survey No. 3 ~~alterations~~:-

Vessel placed in dry dock. Hull, bottom, rudder, stern frame, propeller brackets, and stem, cleaned, examined and found or now placed in good condition, afterwards recoated.

(Anker) Holds, tween decks, fore and after peaks, and chain locker, engine and boiler space cleared for survey, ceiling lifted all fore and aft, all oxidation removed from all parts, and all steel work throughout all parts of the vessel carefully examined and found or now placed in good condition, afterwards recoated where necessary.

Lining on ship's side removed in way of side lights and plating in way of same examined and found in good condition.

Double bottom tanks, tunnel tanks and fore and after peak tanks examined internally, found or now placed in good condition, afterwards tested with head of water to weather deck, and found tight.

Decks, casings, hatchways, hatches, and web plates, tarpaulins, chutes and fastenings, vents with coamings and covers, ceiling, cargo battens, air and sounding pipes, plates under sounding pipes, windlass, steering gear, telemotor control gear, and hand gear, pumps, W.T. door, scuppers, skylights, boats, masts (with dk angles), rigging (from aloft) anchors, chain cables (cables ranged) hawsers and warps and general equipment examined and all found or now placed in good condition.

Freeboard verified (not L.R.).

The shell plating was drilled, gauged and the thicknesses found as stated above.

The whole of the rules requirements for S.S. No. 3 have now been complied with.

Midship Section Profile and deck plans of Vessel as built forwarded herewith.

Particulars of Drop Test of Cast Steel Anchors, viz.:-  
Weight, Surveyor's Initials,  
Number of Certificate, Date  
of Test.

1st Bower

2nd "

3rd "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop — ft., R.Q.D. — ft., Bridge — ft., Forecastle — ft.  
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

No. and Material of Decks (this information is to be given as it should appear in the Register Book) 2 Dks (Stl.) 1 dk. pl sheathed

Official No. 34112; Signal Letters T. Q. W. M. Is bottom of Vessel coated with cement No if not give particulars of composition Not coated. All tanks fitted for oil fuel (or water Ballast).

PARTICULARS OF WATER BALLAST.—

Where Fitted.	SEA		Where Fitted.		
	*Length. Feet.	Water Capacity. Tons.		*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	87.5	200.7	Fore peak tank,	18.0	48.0 Sv
Double bottom, under Engines and Boilers,			After peak tank,	21.0	90.0 Fv
Double bottom, if under Engines only,	41.66	174.6	Deep tank, aft, Wing tanks aft		26.4 Oil
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	189.58	641.0	Other tanks, if fitted, Oil tank between tunnels	58.0	85.30 Oil
Total capacity of double bottom			(If necessary, furnish further information by sketch.)		
318.74			* The wells are not to be included in the lengths of the tanks.		

Order for Special Survey No. ✓

Date ✓

Dates of Surveys held while building

{ Oct. 29. 31, Nov. 5, 6, 7, 9, 12, 13, 19, 22, 24, 2020

Lloyd's Register Foundation  
Total No. of Visits 11