

State if Report is sent on the Machinery of the Vessel

Port of Kober

No. 6621

Survey held at Kolr

Date First Survey 18th December

16 August 1929

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

Steel Single Screw Motor Ship HINO MARU

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

State Type of Erections *V.B. + F*

TONNAGE under } 2329.16
Tonnage Deck... }

CLASS +100 A1

State if with freeboard } No
as condition of Class }

Built at Kobe

*Do. 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 314.5

Launched 28 May 1929 Yard No. 188

Total

Breadth (*greatest moulded*) **B** 46.0

Builders Mitsubishi Zosen Kaisha

Gross Tonnage 2666.39

Depth, at middle of length from top of keel to top
of beam at side of uppermost continuous
deck. See Sec. 3 (1c) } D 25.0

Owners Nippon Shokuen Kaizo Kabushiki
Kaisha

Register Tonnage 1604.24

1st Longitudinal Number (L × D).....= 7862

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

REGISTERED DIMENSIONS.

Length 315.0

Framing Depth "d," at middle of length. See } 20.65
Sec. 3 (1d) } 9 12.29

Residence

Breadth 46.0

Proportions—Depth to Length—Uppermost continuous deck to top of keel } 12.50

Port of Registry Tarumi

Depth 25.0

Do. Long Bridge to top } 9.75
of keel }

If surveyed while building, afloat, or in dry dock

White building

FRAMES, DOUBLE BOTTOM AND BEAMS.

[illegible]

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.	
PILLARS, No. of Rows.....		One Row 3 birds				Stringer Plate, breadth and thickness in way of Bridge		-			
" in 'tween Decks, Size and Spacing.....		wid spread pillar				Thickness of Plating abreast Deck openings in way of Wells		30		✓	
" " " " " "		see approved plan				Thickness of Plating abreast Deck openings in way of Bridge		-			
" in Holds " " "						Thickness of Plating within line of openings...		30		✓	
" " " " " "						If Sheathed, material and thickness		no			
Centre Line Bulkhead.						Third Deck.					
Stiffeners and Spacing.....						Stringer Plate, breadth and thickness.....					
Plating, thickness of						If Plated, state thickness.....					
STRINGERS AND DECKS.						Fourth Deck.					
Uppermost Continuous Deck.						Stringer Plate, breadth and thickness.....					
Stringer Plate, breadth and thickness in Wells		78.7 x .68		✓		If Plated, state thickness					
" " " " in way of Bridge		78.7 x .34		✓		Poop Deck.					
" Angle in Wells		6 x 6 x .64		alt ✓		Stringer Plate, breadth and thickness		68" x .32		✓	
		5 x 5 x .60		Ford ✓		Plating, Sheathing, material and thickness ..		30		not sheathed	
Thickness of Plating abreast Deck openings in way of Wells .....		.44		alt ✓		Bridge Deck.					
Thickness of Plating abreast Deck openings in way of Bridge .....		.40		Ford ✓		Stringer Plate, breadth and thickness.....		82.7 x .40		✓	
		.32		✓		Plating, Sheathing, material and thickness ..		38		not sheathed	
Thickness of Plating within line of openings...		.38		✓		Forecastle Deck.					
If Sheathed, material and thickness		no				Stringer Plate, breadth and thickness.....		32		✓	
Second Deck.						Plating, Sheathing, material and thickness ..		32		not sheathed.	
Stringer Plate, breadth and thickness in Wells...		44.1 x .34		✓							

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.					
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.	No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.		
	Breadth.	Thickness.	Thickness.	Thickness.					Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.
FLAT PLATE KEEL	47 1/2	.66	.60	.60		double	7/8	3 1/2	Irish throughout	7/8	3 1/2	Lapped	
" DBLG. (if any)						"	"	3 1/2	Irish to Double	7/8	3 1/2	"	
BOTTOM PLATING, No. of Strakes ..4.....		.56	.42	.42		"	"	"	"	"	"	"	
BILGE PLATING, No. of Strakes						"	"	"	"	"	"	"	
SIDE PLATING, No. of Strakes .....		.56	.42	.42		"	"	"	"	"	"	"
UPPER DECK, Sheer-strake in Wells.....	67	.64	.42	.42		"	"	"	Quad to Dbl.	"	3 1/2 to 3 3/8	"	
UPPER DECK, Sheer-strake in Bridge ...		.56				"	"	"	Irish	"	3 1/2	"
STRAKE BELOW Sheer-strake in Wells.....	70.9	.58	.42	.42		"	"	"	Irish to Double	"	"	"	
STRAKE BELOW Sheer-strake in Bridge ...		.56				"	"	"	Irish	"	"	"
POOP SIDE PLATING .....				.34		Single	3/4	3 1/2	Single	5/8	2 1/4	"
BRIDGE SIDE PLATING ...		.50				Double	7/8	3 1/2	Irish Riveted	3/4	2 5/8	"
FORECASTLE SIDE PLATING			.38			Single	3/4	3	Single	3/4	2 5/8	"	

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	1
Extending to Upper Deck (Sec. 3 c)	4
" Deck next below	none
As per Rule	5

STIFFENERS.

	Plating Thickness.	STIFFENERS.	
		VERTICAL.	HORIZONTAL.
		Scantlings/Spacing.	Scantlings/Spacing.
MIDSHIP BULKHEAD, Upper tween decks	30 - 26		
Frame 69		8 x 3 x 36 N.B. 8.6 fitted	
" " Second "		7 1/2 x 3 x 40 5" alt.	
" " Third "		31.2	
" " Holds	38 - 30		
COLLISION " (in Hold)	48 - 30	57 x 3 x 34; 24" one S.B. Beam	
AFTER PEAK " "	60 - 30	41 x 3 1/2 x 56 5; 24" one S.B. Beam top	

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar				
STEM	Rolled	8.27 x 2.24	Lanarkshire Steel Co.	
STERN FRAME { Propeller Post	Cast	1083 x 6.1	Sumitomo Steel Works	
{ Rudder "	Cast	8.27 x 6.1	see app'd plan	
RUDDER—A x D	291			
Speed of Vessel	11			
RUDDER mainpiece at head ...	Forging	8.27		
" " heel ...	Forging	6.30	Sumitomo Steel Works	
" how constructed	Cast Steel arms			
" double or single plate	Single			
" coupling, vertical or horizontal	Vertical			

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Open heart*
 Bolekrow Vaughan; Soc. An. d'Angleur-Athens; Lanarkshire Steel Co; Cargo Steel Iron Co Ltd; Scottish Iron & Steel Co; Cornish Iron Co. Ltd; Vereinigte Stahlwerke A.G. Hütte Ruhrort-Meiderich & Meiderich.
 Has the Steel been tested as required by the Rules? *yes*

EQUIPMENT No. 23354 ✓												LETTER	u	ANCHORS.		
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.	
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.				
1267	1st Bower ...	46	0	10				39	19	0	7	45	Union Stockless	Dortmunder	Dumeldorf 20 12 28	
1268	2nd „ ...	45	3	18				39	17	2	0		“	“	do K.H.	
1269	3rd „ ...	38	1	11				34	14	2	21		“	“	do	
	Collective weight.	130	1	11	✓							128 ✓	“	“		
963	Stream	12	2	0	✓	3	1	15	14	6	1	0	12 ✓	Ordinary	Murakami, J.W. Osaka	12.4.29 Y. To

CHAIN CABLES.										HAWSERS AND WARPS.									
Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.			Length and Size per Table 53.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire.	Length and Size per Table 53.		
	Length.	Diam.	Statu-tory.	Break-ing.	Supplied.	Per Rule.	Length.	Diam.	Length.					Cir.	Tons.		Fathoms.	Ins.	Length.	Cir.
1614	271½	1 15/16	67.5	94.5	532.3	7	511½	270	1 15/16	Steel	Osaka Chain Works	Osaka, Japan	TOWLINE...	100	4"	37.2	100	4"	
Iron Stream Chain or Steel Wire	90	4½	42.2					90	4½			12, 14, & 16 March 1929 Y. Jō.	HAWSERS & WARPS }						
														Fathoms.	Ins.	Tons.	Fathoms.	Ins.	
														90	2½	14.95	90	2½	
													"	90	2½	14.92	90	2½	
													"	90	2½	14.92	90	2½	
													"	90	2½	14.92	90	2½	
													"	90	2½	14.92	90	2½	

Steering Gear, Steam *Hestie Electro-hydraulic* Steering Gear, Hand *Hand gear operating a quadrant*

Boats *One lifeboat 24'* Steering Chains, Size and Test *See motor* Windlass *Clark Chapman*
one tenna

Ceiling in Holds, thickness and material *2 1/2 teshio on 2" battens in way of oil* Cargo Battens, thickness, material and spacing *6"x2" teshio 4" apart*

Cargo Hatchways.—(Upper Deck) *39' x 44' Steel* Thickness of Hatches *2 1/2" o.p.*

Size of No. 1 Hatchway (Forward) *29'-2 3/8" x 20'* No. 2 *29'-11" x 20'* No. 3 *29'-11" x 20'* No. 4 *29'-11" x 20'* No. 5
 No. 6

Number of Shifting Beams *five to each hatch*

KOBE WORKS, MITSUBISHI ZOSEN KAISHA, LTD.

Builder's Signature

General Manager.

GENERAL DECLARATION This vessel has been built under special survey and in accordance with the Rules and the approved plans.

The materials and workmanship employed are good, and the frame has been tested in accordance with the Society's requirements.

Beams, double bottom tanks, wells, bulkheads, hand pump and watertight doors have been tested as required by the Rules.

Weather decks, scuppers, tarpaulins etc have been tested.

The Requirements of Section 20 have been complied with.

In my opinion the vessel is entitled to the notations "Fitted for oil fuel 8.29, flash point above 150°F"; "Lloyd's A & C.P."; "Wireless & Electric Light"; "P. Cum." "Bulkhead in No. 1 hold omitted" (in owner's letter 5.7.28 forwarded with Kobe letter 31.7.28.)

The amount of Entry Fee £ 62:00 : ✓ Fees applied for,
 Special Survey Fee.... £ 243:00 : ✓ 15.8.1929
 Travelling Expenses, if any £ 150:00 : ✓ 28.10.29

I am of opinion the Vessel should be Classed +100A1

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

Signature

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to *Builder*

Date of issue *27/9/29*

Committee's Minute

FRI. 27 SEP 1929

Character assigned

+100A1

+L.M.C 8.29 Oil Engines

Lloyd's A & C.P.

C.L. 50
 L.P. 140 lbs.

Trade Mark

Signature



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Lloyd's Register Foundation

W1220-0056 2

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.)

Plans etc forwarded with this report:-

- ① Midship Section, as built.
- ② Profile and Decks, as built
- ③ Copies of Casting & Forging Certificates
- ④ Steel Adhesion Notes.

There is no Sister Vessel.

Particulars of Drop Test of Cast Steel Anchors, viz. Weight, Surveyor's Initials, Number of Certificate, Date of Test.	Cut		Cut		Cast Steel Shanks.		Cut	
	1st Bower	2nd "	3rd "	1st Bower	2nd "	3rd "	1st Bower	2nd "
	30 : 0 : 25	30 : 1 : 10	25 : 0 : 15	F.R.	FR	F.R.	15 : 3 : 13	15 : 2 : 8
	1267	1268	1269	13 : 12 : 28	13 : 12 : 28	13 : 12 : 28	KH	KH
							18 : 12 : 28	18 : 12 : 28
							FR	FR
							13 : 12 : 28	13 : 12 : 28

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 32.2 ft., ~~R.D.~~ ft., Bridge 62.4 ft., Forecastle 43.0 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 ~~old~~ DKs fwd, 1 ~~old~~ dk aft.

Official No. 34872 ; Signal Letters T.W.D.H. Is bottom of Vessel coated with cement Part ~~ant~~ not give particulars of composition Portland Cement

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft, h_o 5 6 7	99.8	238	Fore peak tank,	25.1	61.5
Double bottom, under Engines and Boilers,			After peak tank,	8.0	37.15
Double bottom, if under Engines only, h_o 4	39.9	155	Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward, h_o 1 2 3	120.6	267	Other tanks, if fitted,		
	260.3	660	(If necessary, furnish further information by sketch.)		
Total capacity of double bottom			* The wells are not to be included in the lengths of the tanks.		

Order for Special Survey No. 30

Date 21-6-28

Dates of Surveys held while building

1928: Dec. 18 24
1929: Jan 8 14 16 24 28 31. Feb 4, 8, 15, 22. March 2 5 7 8 12 13 18 25 28 April 4 8 25 30 May 4 10 14 16 17 21 June 20 August 14 15 16.

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