

RECEIVED

12 MAY 1951

IN D.O.

STEEL STEAMER OR MOTORSHIP.

11 JUN 1951

Received at London office

State if Report has been sent on the Freeboard of the Vessel YES.State if Report is sent on the Machinery of the Vessel YES.Date of completion of report 11th APRIL.Port of KobeNo. 322Survey held at AI. OI. JAPAN.Date First Survey APRIL 17. 1950.23rd DECEMBER 19 50.

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

SINGLE SCREW. NICHEI MARU (MACHINERY AFT).

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

FULL SCANTLING.State Type of Erections POOP BRIDGE & FORECASTLE.TONNAGE under 10.759.64.
Tonnage Deck...Do. of space or spaces
between Tonnage Dk.
and Upper Dk.

10.759.64.

Tonnage 11.806.07.

Tonnage 8.550.57.

REGISTERED DIMENSIONS.

FEET

544.78

70.33

38.71

CLASS

State if with freeboard
as condition of Class

FEET

Length from fore part of stem to after part of stern
post on summer L.W.L. See Sec. 3 (1a) L 534.77.Breadth (greatest moulded) B 70.21.Depth, at middle of length from top of keel to top
of beam at side of uppermost continuous
deck. See Sec. 3 (1c) D 38.71.1st Longitudinal Number (L x D) = 20.701.2nd Numeral L x (B + D) = 58.247.Framing Depth "d," at middle of length. See
Sec. 3 (1d) ✓Proportions — Depth to Length — Uppermost con-
tinuous deck to top of keel 13.81.Do. Long Bridge to
top of keel ✓Draught Moulded 30.31.Built at AI. OI. JAPAN.Launched 27. 9. 50 Yard No. 453.Builders HARIMA S.B. & E.C. CO.Owners NITTO KISEN K.K.Managers ✓
(Where necessary to be entered in Reg. Book)

Residence

Port of Registry Tokyo.

If surveyed while building, afloat, or in dry

WHILST BUILDING.

FRAMES, DOUBLE BOTTOM AND BEAMS.

	M/M IN SHIP.	Any Departure from Approved Plans to be Noted.	M/M IN SHIP.	Any Departure from Approved Plans to be Noted.
Frames, Spacing amidships	760 ✓		Bracket Floors, Frame	✓
„ from $\frac{3}{4}$ length amidships to Collision bulkhead	685 ✓		„ „ Reversed Frame	✓
„ in peaks	610 ✓		„ „ Vertical Struts	✓
FRAMING.			ENGINE ROOM.	
„ Amidships, Angle, [or]	250 30 12 ✓		Centre Girder, depth and thickness amidships	1500 15 ✓
„ Extends up to	UPPER DECK ✓		„ „ top Angles	DIRECT WELD ✓
„ „ „ „ „ „			„ „ bottom Angles	DIRECT WELD ✓
„ „ „ „ „ „			Side Girders, No. each side and thickness	2 @ 12 ✓
„ „ „ „ „ „			Margin Plate depth (excl. of flange) and thickness	15 ✓
„ „ „ „ „ „			„ „ Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem	✓
„ „ „ „ „ „			„ „ Vertical Angle to Tank side Bracket from forward $\frac{1}{4}$ len. from stem to Panting Area	✓
„ „ „ „ „ „			„ „ Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem	✓
„ „ „ „ „ „			„ „ Gussets, spacing and scantling from forward $\frac{1}{4}$ len. from stem to Panting Area	✓
„ „ „ „ „ „			Tank Side Brackets, height above base line at toe of Frame and thickness	1900 ✓
„ „ „ „ „ „			INNER BOTTOM PLATING.	
„ „ „ „ „ „			Breadth and thickness of Middle Line Strake	15 ✓
„ „ „ „ „ „			Thickness of remainder in Holds	✓
„ „ „ „ „ „			Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and fram- ing in Bunkers and Boiler Room?	YES ✓
„ „ „ „ „ „			BEAMS.	
„ „ „ „ „ „			Uppermost Continuous Deck, amidships in Wells, Angle, [or]	250 30 12 ✓
„ „ „ „ „ „			„ „ „ in way of Bridge, Angle, [or]	250 30 12 ✓
„ „ „ „ „ „			„ „ „ „ „ „	760 ✓
„ „ „ „ „ „			Spacing	✓
„ „ „ „ „ „			Second Deck, amidships, Angle, [or]	✓
„ „ „ „ „ „			Spacing	✓
„ „ „ „ „ „			Third Deck, amidships, Angle, [or]	✓
„ „ „ „ „ „			Spacing	✓
„ „ „ „ „ „			Fourth Deck, amidships, Angle, [or]	✓
„ „ „ „ „ „			Spacing	✓
„ „ „ „ „ „			POOP DECK, Angle, [or]	200 30 10 ✓
„ „ „ „ „ „			Spacing	150 30 9.5 ✓
„ „ „ „ „ „			Bridge Deck, Angle, [or]	200 30 10 ✓
„ „ „ „ „ „			Spacing	760 ✓
„ „ „ „ „ „			Forecastle Deck, Angle, [or]	230 30 11 ✓
„ „ „ „ „ „			Spacing	685 & 610 ✓

PILLARS AND DECKS.

		M/M. 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		✓		Stringer Plate, breadth and thickness in way of Bridge		✓	
,, in 'tween Decks, Size and Spacing		✓		Thickness of Plating abreast Deck open- ings in way of Wells		✓	
,, " " " " "		✓		Thickness of Plating abreast Deck open- ings in way of Bridge		✓	
,, in Holds " " "		250 x 12. D.I.A. ✓		Thickness of Plating within line of openings		✓	
2 LONGITUDINAL " " "				If Sheathed, material and thickness		✓	
Continuous Bulkheads.				Third Deck.			
Stiffeners and Spacing		CORRUGATED.		Stringer Plate, breadth and thickness		✓	
Plating, thickness of		14.5 To 10.5 To 12.5 ✓		If Plated, state thickness		✓	
STRINGERS AND DECKS.				Fourth Deck.			
Uppermost Continuous Deck.				Stringer Plate, breadth and thickness		✓	
Stringer Plate, breadth and thickness in Wells		1800 x 25 ✓		If Plated, state thickness		✓	
Bridge " POOP " " in way of		1800 x 30 ✓		Poop Deck.			
,, Angle in Wells		200 x 200 x 25 ✓		Stringer Plate, breadth and thickness		9 ✓	
Thickness of Plating abreast Deck openings in way of Wells		HATCH STRAKE AT		Plating, Sheathing, material and thickness		8 ✓	65% SUGI
Thickness of Plating abreast Deck openings in way of Bridge		SIDES. 19 ✓		Bridge Deck.			
Thickness of Plating within line of openings		REMAINDER 22 ✓ IN WAY OF P.R. 30 ✓		Stringer Plate, breadth and thickness		9 ✓	
If Sheathed, material and thickness		✓		Plating, Sheathing, material and thickness		8 ✓	65% HINOKI
Second Deck.				Forecastle Deck.			
Stringer Plate, breadth and thickness in Wells		✓		Stringer Plate, breadth and thickness		10 ✓	
				Plating, Sheathing, material and thickness		9 ✓	

SHELL PLATING.

SCANTLINGS.					RIVETING.				
STRAKES.	AS IN VESSEL.				EDGES.		BUTTS.		
	AMIDSHIPS.		FORWARD.	AFT.	SINGLE OR DOUBLE.	RIVETS. Diam. M/M.	No. OF ROWS OF RIVETS.	RIVETS.	
	Breadth. M/M.	Thickness. M/M.	Thickness. M/M.	Thickness. M/M.				Diam. Inches.	Spacing cr. to cr. Inches.
Flat Plate Keel	1500 ✓	28 ✓	28 ✓	28 ✓	WELDED ✓		✓		WELDED
,, Dblg. (if any)	✓				✓		✓		
Bottom Plating, No. of Strakes 5.	✓	21 ✓	22. Long. 21. Trans.	15 ✓	WELDED ✓		✓		WELDED
Bilge Plating, No. of Strakes 1.		21 ✓	13.5 ✓	13.5 ✓	DOUBLE ✓	25 ✓	100 ✓		WELDED
Side Plating, No. of Strakes 5.		18.5 ✓	13.5 ✓	13.5 ✓	WELDED ✓				WELDED
Upper Deck, Sheer- strake in Wells	1700	23 ✓	14 ✓	13.5 ✓	DOUBLE ✓	25 ✓	100 ✓		WELDED
Upper Deck, Sheer- strake in Bridge									
Strake below Sheer- strake in Wells									
Strake below Sheer- strake in Bridge									
Poop side Plating			11 ✓		WELDED ✓		✓		WELDED
HOUSE Bridge, Side Plating			11 ✓		WELDED ✓		✓		WELDED
Forecastle Side Plating			12 ✓		WELDED ✓		✓		WELDED

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel —
 Extending to Upper Deck (Sec. 3c) 15 ✓
 Deck next below ✓
 As per Rule ✓

STIFFENERS.

	Plating Thickness.	VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper 'tween decks					
,, " Second "					
,, " Third "					
,, " Holds		14-105 CORRUGATED. 760.		Box BEAM 610x10.	
COLLISION " (in Hold)		13-8 250x30x12 BA. 700.		300 C FACE BAR.	
AFTER PEAK " checked as far as		14-7.5 230x30x11 BA. 680.		Box BEAM 610x9.	
				300 C FACE BAR.	

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any De- parture from A Plans to be
KEEL, Bar		M/M.		
STEM	PLATE	23-13.		
STERN. { Propeller Post	CAST STEEL - AS APPROVED.			
FRAME { Rudder " "	(KOBE STEEL WORKS)			
Speed of Vessel		15. KNOTS ✓		
RUDDER—Type		BALANCED REACTION.		
,, A x D				
,, Diam. of head		350 ✓		
,, Mainpiece at top pintle				
,, " heel				
,, how constructed		PLATES & DIAPHRAGM PLATES. M		
,, double or single plate		DOUBLE ✓		
,, coupling, vertical or				
,, horizontal		HORIZONTAL ✓		

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) OPEN HEARTH
 YAWATA STEEL WORKS. JAPAN / KAWASAKI HEAVY INDUSTRIES.
 Has the Steel been tested as required by the Rules? YES ✓

ANCHORS

HAWSEERS AND WARPS

0043 2/3

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).

THE FOLLOWING LIST OF "AS FITTED" PLANS ARE ENCLOSED.

MIDSHIP SECTION.

CONSTRUCTION PROFILE & DECK PLANS.

STERN FRAME.

RUDDER.

SHELL EXPANSION.

LONGITUDINAL BULKHEAD.

TRANSVERSE O.T. BULKHEADS.

FORGING & CASTING CERTIFICATES.

RUDDER STOCK.

STERN FRAME

TILLER.

RUDDER CASTINGS.

PARTICULARS OF ELECTRIC WELDING (if employed) SHELL PLATE BUTTS & SEAMS (WITH EXCEPTION OF SHEER STRAKE & BILGE STRAKE & UPPER DECK BUTTS & SEAMS (STRINGER ANGLE RIVETED). ALL THE REMAINDER OF DECKS, HOUSES, CASINGS, BEAMS & STIFFENERS, ALL BULKHEAD PLATING & STIFFENER WEBS, SHELL STRINGERS, SHELL WEBS & FRAMES. DECK & BOTTOM TRANSVERSE LONGITUDINALS & GIRDERS.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book.

RADAR. D.F. E.S.D. A & C.P. CRUISER STERN. GYC. PARTLY WELDED.

MACHY AFT. LONGITUDINAL FRAMING BOTTOM & DECKS.

RADAR Equipment (State if fitted) YES.

State Type or Pattern No. M.U.-1.

State Maker WESTINGHOUSE - U.S.A.
Name and/or of Supplier

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

1st Bower	70. 2 T. ✓	H. 1.	N° 151.	20. 9. 1950
2nd "	70. 1. 7. ✓	H. 1.	N° 153.	2. 10. 1950
3rd "	57. 3. 4. ✓	H. 1.	N° 152.	20. 10. 1950.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 127.6 ft., R.Q.D. ✓ ft., Bridge 42.3 ft., Forecastle 84.8 ft. (in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

Official No. 67.000 Signal Letters J.B.A.C. Extreme Breadth over Belting Over all Length 566. (Circ. 1611) (Circ. 1703)

No. and Material of Decks 1. STEEL. 2nd DECK AFT.

Parts of Bottom of Vessel coated with cement or approved composition FERO WATER TANK & PEAK TANKS. SHAFT TUNNEL WELL. DISTILLED WATER TANK.

Particulars of composition (if fitted) and of approval ✓

PARTICULARS OF WATER BALLAST:—(Comprising all tanks which may be used for Water Ballast. (Circ. 1284) Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included.)

Where Fitted	Length. Feet.	Water Capacity. Tons.	Where Fitted	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	✓		Fore peak tank,	36.0	304.1
Double bottom, under Engines and Boilers , CDAM.	97.2	150.1.	After peak tank,	20.0	83.98
Double bottom, if under Engines only,	2.5.		Deep tank, aft, (F.W. TANK) W-14.	9.0	154.38
Double bottom, if under Boilers only,	✓		Deep tank, forward, (O.F.)	35.9	1218.35
Double bottom, forward,	✓		Other tanks, if fitted, DISTILLED WATER. 18.25. FEED WATER. 23.32. F.W. TANK ABOVE PEAK. 0.10.	12.4	109.12
Total length (if continuous) and Capacity	99.7	150.1.	(If necessary furnish further information by sketch)	22.4	380.20
	42.4 See letter 19-6-51			20.0	211.18.

Order for Special Survey No.

Date

Dates of Surveys held while building

APRIL. 17. 25. 28. MAY. 6. 10. 17. 29. JUNE. 8. 12. 17. 20. 24. 27. JULY. 5. 12. 17. 23. 24. 31.
AUG. 8. 9. 15. SEPT. 2. 8. 19. 21. 26. OCT. 17. 25. NOV. 1. 20. DEC. 7. 15. 21. 23.

Total No. of Visits 35.

NICHEI MARU.

PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.	AMIDSHIPS.			ENDS.			Any Departure from Approved Plans to be Noted.	RIVETING.		
	In Ship.			In Ship.				Rivets in Longitudinal Frames.		
	Ins.	Speng.	Ins.	Ins.	Speng.	Ins.		Speng.	Ins.	
TRANSVERSE BULKHEAD										
Bridge 'tween Decks ...										
Uppermost Continuous No. 1										
" 2										
" 3										
" 4										
LONGITUDINALS										
" 5										
" 6										
" 7										
WING TANKS										
" 8										
" 9										
" 10										
LONGITUDINAL UPPER DECK										
" 11										
" 12										
LONGITUDINAL BOTTOM SHELL										
" 13										
" 14										
" 15										
" 16										
Tank Top Longitudinals										
Bottom "										
Longitudinals (Amidships)										
(At ends...)										
Transverses.										
Depth and Thickness										
Face Angles										
Lugs to Shell*										
Depth and Thickness										
Face Angles										
Lugs to Shell*										
Depth and Thickness										
Face Angles										
Lugs to Shell*										
" " Back Bars										
Brackets										
of Transverse Frames...										
ate if joggled or liners.										
Bridge Deck										
Upper "										
Second "										
Third "										

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, &c., 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, &c., on the first page.

Lloyd's Register
Foundation

0043 3/3

+LMC 12.50

CLASSIFICATION
RATES WRITTEN