

STEEL STEAMER OR MOTORSHIP.

3 JUL 1953

Received at London Office.

State if Report has been sent on the Freeboard of the Vessel

State if Report is sent on the Machinery of the Vessel

Date of completion of report

30 JUN 1953

Port of

KOBE

No.

1411

Survey held at

Nagoya

Date First Survey

9th August, 1952

Last Survey

7th April,

19 53.

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

Twin Screw Motor Vessel

"NEW YORK MARU"

N/N GREAT

PEALE.

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

Full Scantling Vessel

State Type of Erections

F.B. & P.

TONNAGE under Tonnage Deck

6717.87

Do. of space or spaces between Tonnage Dk. and Upper Dk.

Total

Gross Tonnage

7735.28

Register Tonnage

4427.45

CLASS

+100A1

State if with freeboard as condition of Class

CR. of Rudder Stock

Length from fore part of stem to post on summer L.W.L. See Sec. 3 (1a)

L 460.53

Breadth (greatest moulded)

B 62.34

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

D 34.45

1st Longitudinal Number (L x D)

2nd Numeral L x (B + D)

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

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

13.32

Do. Long Bridge to top of keel

10.62

Draught Moulded

J.G. Assigned S.

27.49

Built at Nagoya

Launched 18th Jan., 1953 Yard No. 104

Builders Nagoya Shipbuilding Co., Ltd., Nagoya, Japan

Owners Toho Kaiun K.K.

Managers

(Where necessary to be entered in Reg. Book)

Residence 9, Kyobashi 1-chome, Chuoku Tokyo, Japan.

Port of Registry Tokyo.

If surveyed while building, afloat, or in dry dock while building, undocking 19/3/53.

FRAMES, DOUBLE BOTTOM AND BEAMS.

	MM	IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	750			Bracket Floors, Frame		
" " from 1/2 length amidships to Collision bulkhead	685			" " Reversed Frame		
" " in peaks	610			" " Vertical Struts		
SIDE FRAMING.				Centre Girder, depth and thickness amidships	1170x14	
Frame Amidships, Angle, [or]	300 90 10	15.5		" " top Angles	1440x15	
" " Extends up to	Second deck			" " bottom Angles	(in Eng. Rm.)	
Reversed Frame Amidships, Angle				Side Girders, No. each side and thickness	One 95-10.5	
" " Extends up to				Margin Plate depth (excl. of flange) and thickness	13.5	
Depth of Framing Girder				" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, [or]	200 90 8	13.5		" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area		
" " Second 'tween Decks, Angle, [or]				" " Gussets, spacing and scantling abaft 1/4 len. from stem	450x550x12	
" " Third " " " "				" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area	Every Frame 450x550x12	
" " from 1/2 len. for'd. to 15% len. from Stem	300 90 10	15.5		Tank Side Brackets, height above base line at toe of Frame and thickness	Every Frame 2100	
" " in Peaks, Angle, [or]	230 90 11			INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	22 p=6.5D			Breadth and thickness of Middle Line Strake	1400x13-12	
State if Frame Joggled	Yes			(Except Eng. Room)		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	Yes			Thickness of remainder in Holds	11	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	Yes			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	
SINGLE BOTTOM.				BEAMS.		
Floors, Depth and thickness at mid-line in Holds				Uppermost Continuous Deck, amidships in Wells, Angle, [or]	200x90x8/13.5	
Height of Brackets at side above base line at toe of frame				" " in way of Bridge, Angle, [or]	200x90x8/13.5	
Middle Line Keelson, on Floors, Angles, [or]				Spacing	750	
" " Through Plate or Inter-costal Plate				Second Deck, amidships, Angle, [or]	250x90x9/13	
" " Foundation Plate on Floors				Spacing	750	
" " Flat Plate Keel Angles				Third Deck, amidships, Angle, [or]		
Side Keelsons, No. each side				Spacing		
" " thickness of Inter-costal Plate				Fourth Deck, amidships, Angle, [or]		
" " Angles				Spacing		
DOUBLE BOTTOM.				Poop Deck, Angle, [or]	150x90x9	
Side Floors, thickness and spacing	10.5			Spacing	610	
" " Are Frame and Reversed Frame joggled?	Welded.			Bridge Deck, Angle, [or]	200x90x8/13.5	
Bracket Floors, breadth and thickness at middle line				Spacing	750	
" " breadth and thickness at margin plate				Forecastle Deck, Angle, [or]	150x90x10/15.5	
				Spacing	610	

PILLARS AND DECKS.

		SHIP. mm	Any Departure from Approved Plans to be Noted.	SHIP. mm	Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows	Widely Spaced	Two	✓		
" in 'tween Decks, Size and Spacing	400x14 to 200x10	✓		Stringer Plate, breadth and thickness in way of Bridge	7.5
" " " " "				Thickness of Plating abreast Deck openings in way of Wells	15-10
" in Holds	560x18 to 300x13	✓		Thickness of Plating abreast Deck openings in way of Bridge	12-9
" " " " "				Thickness of Plating within line of openings...	7.5
Centre Line Bulkhead. Stiffeners and Spacing	-			If Sheathed, material and thickness	-
Plating, thickness of	-			Third Deck. Stringer Plate, breadth and thickness	
STRINGERS AND DECKS.				If Plated, state thickness	
Uppermost Continuous Deck.				Fourth Deck. Stringer Plate, breadth and thickness	
Stringer Plate, breadth and thickness in Wells	36-20	✓		If Plated, state thickness	
" " " " in way of Bridge	36-10.5	✓		Poop Deck. Stringer Plate, breadth and thickness	7.5
" Angle in Wells	200x200x25 to 130x130x15	✓		Plating, Sheathing, material and thickness	7.5
Thickness of Plating abreast Deck openings in way of Wells	26-18	✓		Bridge Deck. Stringer Plate, breadth and thickness	1600x19.5
Thickness of Plating abreast Deck openings in way of Bridge	21-10	✓		Plating, Sheathing, material and thickness	Abreast Open'g. 19 Within Line of Open'g.
Thickness of Plating within line of openings	Well 9.5 Bridge 7.5	✓		Forecastle Deck. Stringer Plate, breadth and thickness	8.5
If Sheathed, material and thickness	-			Plating, Sheathing, material and thickness	14-8.5
Second Deck. Stringer Plate, breadth and thickness in Wells	10.5	✓			

SHELL PLATING.

SCANTLINGS.					RIVETING.				
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?		BUTTS.	
	Breadth.	Thickness.	Thickness.	Thickness.		SINGLE OR DOUBLE.	RIVETS. Diam. Spacing or, to cr.	No. OF ROWS OF RIVETS.	RIVETS. Diam. Spacing or, to cr.
Flat Plate Keel	1400	23	23	23	✓	D.R.	25 94	All Welded	
" Dblg. (if any)	-	-	-	-		-	-		
Bottom Plating, No. of Strakes	1800 2100	18	21-20.5	17-16	✓	D.R.	22 83 25 94		
Bilge Plating, No. of Strakes	2000 1800	18	-	-	✓	D.R.	22 83 25 94		
Side Plating, No. of Strakes	2000 1800	16	20.5-12	17-12	✓	H.J.L. & M T.R. or D.R.	22 95		
Upper Deck, Sheer- strake in Wells	1900	38-25	-	-	✓	"	22 95		
Upper Deck, Sheer- strake in Bridge	2100	38-16	-	-	✓	"	2.5 10.5		
Strake below Sheer- strake in Wells	2100	17-15.5	-	-	✓	"	22 95		
Strake below Sheer- strake in Bridge	2100	17-16	-	-	✓	"	22 95		
Poop Side Plating	2000	-	-	10.5	✓	Welded			
Bridge Side Plating	2400	23-18.5	-	-	✓	"			
Forecastle Side Plating	2000	-	11	-	✓	"			

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	
Extending to Upper Deck (Sec. 3 c)	7
" Deck next below	1
As per Rule	

FORGINGS AND CASTINGS.

	Castings or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar	Up Part Rolled Plate Builder			
STEM	Low part C.S. Per plan			
STERN	Propeller Post C.S. "		Sumitomo Metal	
FRAME	Shaft Bracket C.S. "		Industries	
	Rudder Post C.S. "		Osaka, Japan	
Speed of Vessel	16 Knots.			
BUDDER—Type	Unbalanced			
" A x D	149.08x3.61=538.18			
" Diam. of head	F.S. 3100		Nagasaki Sei	
" Mainpiece at top pintle	C.S. per		Nagasaki,	
" " heel	Plan		Japan	
" how constructed	Welded			
" double or single plate	Double			
" coupling, vertical or horizontal	Horizontal			

	Plating Thickness. mm	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings mm	Spacing mm	Scantlings mm	Spacing mm
MIDSHIP BULKH'D, Upper 'tween decks	10.5-6.5	125x75x10	650		
" " Second					
" " Third					
" " Holds	10.5-8	300x90x	650		
		10/15.5			
COLLISION " (in Hold)	12.5-7	125x75x13	600		
AFTER PEAK "	13-7.5	150x90x10/15.5	600		
		125x75x10			

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)
 Yawata, Kawasaki, Hirohata

Has the Steel been tested as required by the Rules? Yes

Lloyd's Register
Foundation

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.)

Sister Ship [REDACTED] Number of Report Kobe Office No.1278

Name "YOKOHAMA MARU" Nagoya S.B. Ship No.103

Approved Plans Previously Forwarded.

The Freeboard has been assigned by the Japanese Government. The Freeboard Verification Form attached herewith. The Steering gear and windlass have been tested with Satisfactory Results. O.F. flash point above 150°F is carried in Nos. 1,2,3,5,6 & 7 Double bottom tanks and Wing Tanks.

As approved:- Midship Section

Profile & Decks

As Built:-

Shell Expansion & Framing Plan

Shaft Bracket

Stem

Stern frame & Rudder

Double bottom (Fore port). Double bottom (Aft Port)

W/T Bulkhead (PL 1)

W/T and O/T Bulkhead and Deep Tank (PL 2)

Stern Framing

Bow Framing

Shaft Tunnel, Wing Tank & Plumber block Seats.

As Fitted:- General Arrangement, Midship Section, Profile & Decks, Capacity Plan

The following Certificates accompany this report:- Stem, stern frame, shaft bracket, Rudder stock, Rudder frame, Tiller.

PARTICULARS OF ELECTRIC WELDING (if employed) Shell Butts, Decks, Beams, Girders etc.

D.B. and T. top Plating, Bulkhead, E. Casing and Deck homes, are electrically welded using electrodes approved by the Society for each purpose and methods approved by and to this satisfaction of the undersigned.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book
Cruiser stern, Lloyd's A. & C.P. D.F. Gyc. E.S. W/T part electrically welded, carrying D.F. flash point 150°F or vegetable oil in deep tank (No.4 Hold)

RADAR Equipment (State if fitted) Yes
State Type or Pattern No. Taytheon Type 1404
State Name } Maker Raytheon Co., Ltd.
of } and/or Nippon Kikai Boeki K.K.
Supplier

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	55-3-15 ✓ Y 4300	6-12-52	T. Nozaki
		55-2-21 ✓ Y 4299	29-11-52	"
	2nd "	55-2-21 ✓ Y 4301	29-11-52	"
	3rd "	24-3-5 ✓ Y 4302	6-12-52	"
STREAM				

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 22.5 ft., R.Q.D. — ft., Bridge 204.2 ft., Forecastle 44.0 ft.

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

Official No. 69810 Signal Letters J K N E Extreme Breadth over Belting 62.6 Over-all Length 492.1
(Circ. 1611) (Circ. 1703)

No. and Material of Decks TWO/SIDE

Parts of Bottom of Vessel coated with cement or approved composition Water Tank cement coated.

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.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
Double bottom, aft, OFWB f50-77	66.4	243.8	Fore peak tank, FWWB	—	90.0
Double bottom, under Engines and Boilers, —	—	—	After peak tank, FWWB	—	127.3
Double bottom, if under Engines only, OFWB f78-103	61.5	—	Deep tank, aft, OFWB f64-78	34.5	1147.0
Double bottom, if under Boilers only, —	—	—	Deep tank, forward, —	—	—
Double bottom, forward, OFWB f104-179	177.6	624.8	Other tanks, if fitted, TUNNEL TANKS, OFWB No.7 f50-63 82.0	—	244.5
Total length (if continuous) and Capacity	305.5	868.6	—	—	272.8

Order for Special Survey No.

Date

Dates of Surveys held while building

RI 9/Aug., 1952: 17,18/Jan., 1953.

MK 11/Dec. 9,11,27/Jan. 9,31/March, 2/April

KU 29/Sept. 27/Oct. 8,14,22,27,28/Nov. 5,12,16 19/Dec. 1952

13/Jan. 12/Feb. 25,26/March, 1953. 15V.

Total No. of Visits

3V

7V.

25V