

STEEL STEAMER or MOTORSHIP.

Received at London Office

28 AUG 1926

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

9.7.26

Port of

Kobe

No.

5359

Survey held at

Harima

Date First Survey

4 February 1926

Last Survey

9.7.1926

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

Single Screw motorships "SHELL MARU"

(Mach. aft)

State Type

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

State Type of Erections.

TONNAGE under Tonnage Deck...

108.3

CLASS \times 100 AI

State if with freeboard as condition of Class

ho

Built at

Harima

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 96.0

Launched 13th June 1926

Yard No. 121

Total

108.3

Breadth (greatest moulded)

B 20.0

Builders Kobe Steel Works, Harima Dockyard

Gross Tonnage

134.03

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

D 8.0

Owners Empire Shipping Co.

Register Tonnage

69.38

1st Longitudinal Number (L \times D) = 768

Managers A. P. Scott.

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

2nd Numeral L \times (B + D) = 2688

REGISTERED DIMENSIONS. FEET.

Length

95.0

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

7.17

Residence

Tokyo.

Breadth

20.0

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

12.00

Port of Registry Kobe

Depth

8.0

Draught Moulded

6.0

If surveyed while building, afloat, ☒ in dry dock

Yes.

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.
FRAMES, Spacing amidships	20"		Bracket Floors, Frame		
" " from $\frac{1}{2}$ length to Collision bulkhead.....	do		" " Reversed Frame		
" " in peaks.....	do		" " Vertical Struts		
FRAME FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, \equiv	3 $\frac{1}{2}$ \times 2 $\frac{1}{2}$ \times 26"		" " top Angles		
" " Extends up to	Upper deck.		" " bottom Angles		
Reversed Frame Amidships, Angle			Side Girders, No. each side and thickness		
" " Extends up to...			Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder	3 $\frac{1}{2}$ "		" " Vertical Angle to Tank side Bracket abaft $\frac{1}{2}$ len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, [or]			" " Vertical Angle to Tank side Bracket forward $\frac{1}{2}$ len. from stem		
" " Second 'tween Decks, Angle, [or]			" " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem.....		
" " Third " " " " " "			" " Gussets, spacing and scantling forward $\frac{1}{2}$ len. from stem.....		
Framing in Peaks, Angle \equiv	3 $\frac{1}{2}$ \times 2 $\frac{1}{2}$ \times 26"		Tank Side Brackets, height above base line at toe of Frame and thickness		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	$\frac{5}{8}$ \times 7 diams		INNER BOTTOM PLATING.		
State if Frame Joggled	Yes.		Breadth and thickness of Middle Line Strake ...		
FRAMING ARRANGEMENTS (Sec. 7), state system and particulars)			Thickness of remainder in Holds		
STRENGTHENING OF BOTTOM FORWARD. State Particulars	Frames doubled from $\frac{1}{2}$ L end to Collision Bulkhead.		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?		
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	10" \times 24"		Uppermost Continuous Deck, amidships \equiv Angle, \equiv	4" \times 2 $\frac{1}{2}$ \times 26"	
Height of Brackets at side above base line at toe of frame	20"		" " in way of Bridge, Angle, [or]		
Middle Line Keelson, on Floors, Angles, \equiv	2 $\frac{1}{2}$ \times 2 $\frac{1}{2}$ \times 28"	(See later)	Spacing	20"	
" " Through Plate or Intercoastal Plate	Intercoastal 28"		Second Deck, amidships, Angle, [or]		
" " Foundation Plate on Floors			Spacing.....		
" " Flat Plate Keel Angles	3" \times 3" \times 30"	3.28 D.A.	Third Deck, amidships, Angle, [or]		
Side Keelsons, No. each side	one		Spacing.....		
" " thickness of Intercoastal Plate.....	5" \times 3" \times 42"	Top	Fourth Deck, amidships, Angle, [or]		
" " Angles	2 $\frac{1}{2}$ 2 $\frac{1}{2}$ 25"	Shell	Spacing.....		
DOUBLE BOTTOM.			Poop Deck, Angle, \equiv	3" \times 3" \times 28"	
Solid Floors, thickness and spacing			Spacing.....	20"	
" " Are Frame and Reversed Frame joggled?			Bridge Deck, Angle, [or]		
Bracket Floors, breadth and thickness at middle line			Spacing.....		
" " breadth and thickness at margin plate.....			Forecastle Deck, Angle, [or]	3 $\frac{1}{2}$ \times 3" \times 28"	
			Spacing	20"	

PILLARS AND DECKS.

PILLARS, No. of Rows.....	INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.
Stringer Plate, breadth and thickness in way of Bridge							
Thickness of Plating abreast Deck openings in way of Wells							
Thickness of Plating abreast Deck openings in way of Bridge							
Thickness of Plating within line of openings...							
If Sheathed, material and thickness							
Third Deck.							
Stringer Plate, breadth and thickness.....							
If Plated, state thickness.....							
Fourth Deck.							
Stringer Plate, breadth and thickness.....							
If Plated, state thickness							
Poop Deck.							
Stringer Plate, breadth and thickness							
Plating, Sheathing, material and thickness ...							
Bridge Deck.							
Stringer Plate, breadth and thickness.....							
Plating, Sheathing, material and thickness ...							
Forecastle Deck.							
Stringer Plate, breadth and thickness							
Plating, Sheathing, material and thickness ...							

SHELL PLATING.

STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	RIVETING.						
	AMIDSHIPS.		FORWARD.	AFT.		EDGES.		BUTTS.				
	Breadth.	Thickness.	Thickness.	Thickness.		SINGLE OR DOUBLE.	RIVETS.		No. of Rows OF RIVETS.	RIVETS.		
							Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
FLAT PLATE KEEL	35"	3/8"	3/4"	3/4"		Double	3/4"	2 1/8"	Three	3/4"	2 5/8"	Lapped
" DELG. (if any)												
BOTTOM PLATING, No. of Strakes ... 2	40"	28"	24"	24"		Single	5/8"	2 1/2"	Two	5/8"	2 1/4"	- do -
BIDGE PLATING, No. of Strakes	40"	28"	24"	24"		- do -	- do -	- do -	- do -	- do -	- do -	- do -
SIDE PLATING, No. of Strakes ... 1 (1st below keel)	33"	28"	24"	24"		- do -	- do -	- do -	- do -	- do -	- do -	- do -
UPPER DECK, Sheer-strake ...	42"	34"	24"	24"		- do -	- do -	- do -	- do -	- do -	- do -	- do -
UPPER DECK, Sheer-strake in Bridge ...												
STRAKE BELOW Sheer-strake ...	33"	28"	24"	24"		- do -	- do -	- do -	- do -	- do -	- do -	- do -
STRAKE BELOW Sheer-strake in Bridge ...						- do -	- do -	- do -	- do -	- do -	- do -	- do -
POOP SIDE PLATING				22		- do -	- do -	- do -	- do -	- do -	- do -	- do -
BRIDGE SIDE PLATING ...						- do -	- do -	- do -	- do -	- do -	- do -	- do -
FORECASTLE SIDE PLATING			22			- do -	- do -	- do -	- do -	- do -	- do -	- do -

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—

Extending to Upper Deck (Sec. 3 c) 4

Deck next below

As per Rule

3

MIDSHIP BULKHEAD, Upper tween decks	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
" Second "		2 1/2" x 3/8"	28"		
" Third "		2 1/2" x 3/8"	24"		
" Holds		2 1/2" x 3/8"	24"		
COLLISION (in Hold)		3 1/2" x 3/8"	24"		
AFTER PEAK		3 1/2" x 3/8"	24"		

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar				
STEM	F.S.	5 1/4" x 1"	Kobe Steel Works	
STERN FRAME { Propeller Post	- do -	5" x 2"	- do -	
{ Rudder	- do -	4 1/4" x 2"	- do -	
RUDDER—A x D		34		
Speed of Vessel		7 knots		
RUDDER mainpiece at head ...	F.S.	3"	do	
" " heel ...	- do -	2 1/2"	do.	
" how constructed		Butt		
" double or single plate		Single		
" coupling, vertical or horizontal				

STEEL.

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

Yamata Steel Co. Kawasaki Dockyard Co.

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.)

The following plans are enclosed:-

Plans no finished not yet received
but will be forwarded at first opportunity.

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

1st Bower	3 cent. Oct 27 14.	73.	no 914.	24.4.26
2nd "	- do -	- do -	no 915.	- do -
3rd "				

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 20.0 ft., R.Q.D. ft., Bridge ft., Forecastle 11.5 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) 1 Steel

Official No. 31733 ; Signal Letters T.D.R.L.
particulars of composition. Paint.

Is bottom of Vessel coated with cement. No. if not give

PARTICULARS OF WATER BALLAST.—

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,	6.5	4.67
Double bottom, under Engines and Boilers,			After peak tank,	5	4.68
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted, 11 fore and 11 aft.	11 fore and 11 aft	6.5
Total capacity of double bottom			(If necessary, furnish further information by sketch.)		

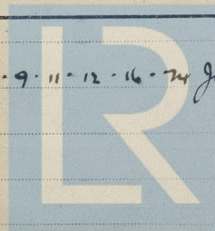
* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No. 15

Date 4 January 1926

Dates of Surveys held while building

4 Feb. 17 March 2 April 4.17 May 2.9.11.12.16.7th June 1.3.5.6.9 July



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Total No. of Visits 16