

## STEEL STEAMER or MOTORSHIP.

Received at London Office MAY 30 1938

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

27<sup>th</sup> April, 1938

Port of Yokohama

No. 6383

Survey held at

Yokohama &amp; Tokio

Date First Survey

18<sup>th</sup> May, 1937

Last Survey

17<sup>th</sup> March, 1938

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

(50 TON) FLOATING CRANE (NON-PROPELLED)

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

State Type of Erections *No*

TONNAGE under Tonnage Deck...

681

CLASS 100A1 FLOATING CRANE State if with freeboard as condition of Class

NO

Built at Yokohama &amp; completed at Tokio

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

LENGTH OVERALL 36,530  
Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a)

L 36,000

Launched 30 SEPTEMBER 1937 Yard No. 445

BREADTH EXTREME 18,530

B 18,000

PONTON BY TSURUMI SEITETSU

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

D 3,500

Builders CRANE PART BY ISHIKAWA IMA S.B. CO

Total

Gross Tonnage

723

Register Tonnage

1st Longitudinal Number (L x D) = 1356

2nd Numeral L x (B + D) = 8332

Managers

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

REGISTERED DIMENSIONS.  
FEET.

Length

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

10.29

Port of Registry VLADIVOSTOK

Breadth

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

Do. Long Bridge to top of keel

If surveyed while building, afloat, or in dry dock

Depth

Draught Moulded 1,320

BUILDING &amp; Afloat

## 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> .....	↑		<b>Bracket Floors, Frame</b> .....	↑	
“ “ from $\frac{3}{8}$ length to Collision bulkhead.....	Longitudinal framing		“ “ Reversed Frame .....	Longitudinal framing	
“ “ in peaks.....	Rpt 1 *		“ “ Vertical Struts .....	Rpt 1 *	
<b>SIDE FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b>		
Frame Amidships, Angle, [ or [ .....			“ “ top Angles .....		
“ “ Extends up to .....			“ “ bottom Angles .....		
<b>Reversed Frame Amidships, Angle</b> .....			<b>Side Girders, No. each side and thickness</b> .....		
“ “ Extends up to...			<b>Margin Plate</b> depth (excl. of flange) and thickness .....		
<b>Depth of Framing Girder</b> .....			“ “ Vertical Angle to Tank side Bracket abaft $\frac{1}{2}$ len. from stem .....		
<b>Frames in Uppermost Continuous 'tween Decks, Angle, [ or [</b> .....			“ “ 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.....		
<b>Framing in Peaks, Angle or [</b> .....			<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>		
<b>Diameter and Spacing of Rivets through Frame and Shell Plating amidships</b> .....			<b>INNER BOTTOM PLATING.</b>		
<b>State if Frame Joggled</b> .....			Breadth and thickness of Middle Line Strake ...		
<b>PANTING ARRANGEMENTS</b> (Sec. 7), state system and particulars)			Thickness of remainder in Holds .....		
<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?.....		
<b>SINGLE BOTTOM.</b>			<b>BEAMS.</b>		
Floors, Depth and thickness at mid-line in Holds .....			Uppermost Continuous Deck, amidships in Wells, Angle, [ or [		
Height of Brackets at side above base line at toe of frame .....			“ “ in way of Bridge, Angle, [ or [		
<b>Middle Line Keelson, on Floors, Angles, [ or [</b> .....			Spacing .....		
“ “ Through Plate or Intercostal Plate...			<b>Second Deck, amidships, Angle, [ or [</b> .....		
“ “ Foundation Plate on Floors .....			Spacing.....		
“ “ Flat Plate Keel Angles			<b>Third Deck, amidships, Angle, [ or [</b> .....		
<b>Side Keelsons, No. each side</b> .....			Spacing.....		
“ “ thickness of Intercostal Plate...			<b>Fourth Deck, amidships, Angle, [ or [</b> .....		
“ “ Angles .....			Spacing.....		
<b>DOUBLE BOTTOM.</b>			<b>Poop Deck, Angle, [ or [</b> .....		
Solid Floors, thickness and spacing .....			Spacing.....		
“ “ Are Frame and Reversed Frame joggled?.....			<b>Bridge Deck, Angle, [ or [</b> .....		
<b>Bracket Floors, breadth and thickness at middle line</b> .....			Spacing.....		
“ “ breadth and thickness at margin plate.....			<b>Forecastle Deck, Angle, [ or [</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>		<i>26 26</i>							
" in 'tween Decks, Size and Spacing .....		<i>as approved plan.</i>							
" " " " " .....									
" in Holds " " .....									
" " " " " .....									
<b>Centre Line Bulkhead.</b>									
Stiffeners and Spacing .....		✓							
Plating, thickness of .....		✓							
<b>STRINGERS AND DECKS.</b>									
<b>Uppermost Continuous Deck.</b>									
Stringer Plate breadth and thickness in Wells .....		9 ✓							
<i>ALL PLATING</i>									
" " " " in way of Bridge .....		✓							
" Angle in Wells .....		130 130 12 ✓							
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 .....		✓							
<b>Second Deck.</b>									
Stringer Plate, breadth and thickness in Wells...		✓							
Stringer Plate, breadth and thickness .....									
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 .....		✓							
<b>Third Deck.</b>									
Stringer Plate, breadth and thickness .....		✓							
If Plated, state thickness .....		✓							
<b>Fourth Deck.</b>									
Stringer Plate, breadth and thickness .....		✓							
If Plated, state thickness .....		✓							
<b>Poop Deck.</b>									
Stringer Plate, breadth and thickness .....		✓							
Plating, Sheathing, material and thickness ...		✓							
<b>Bridge Deck.</b>									
Stringer Plate, breadth and thickness .....		✓							
Plating, Sheathing, material and thickness ..		✓							
<b>Forecastle Deck.</b>									
Stringer Plate, breadth and thickness .....		✓							
Plating, Sheathing, material and thickness ..		✓							

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged?		BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.			Diam.	Spacing or cr. cr.		Diam.	Spacing or cr. cr.	
	Inches. m. m.	Inches. m. m.	Inches. m. m.	Inches. m. m.			Inches. m. m.	Inches. m. m.		Inches. m. m.	Inches. m. m.	
FLAT PLATE KEEL .....	1200	10 ✓	9 ✓	9 ✓		Double	19	76 ✓	3-2	19	66	Lapped
" DBLG. (if any)		✓										
BOTTOM PLATING, No. of Strakes .....		10	9 ✓	9 ✓		Double	19	76	3-2	19	66	"
BILGE PLATING, No. of Strakes .....		✓										
SIDE PLATING, No. of Strakes .....		9	9 ✓	9 ✓		"	19	76 ✓	2	19	66	"
UPPER DECK, Sheer-strake in Wells. ....		9	9 ✓	9 ✓		"	19	76 ✓	2	19	66	"
UPPER DECK, Sheer-strake in Bridge ...			✓	✓								
STRAKE BELOW Sheer-strake in Wells. ....			✓	✓								
STRAKE BELOW Sheer-strake in Bridge ...			✓	✓								
ENDS OF PONTOON			9 ✓	9 ✓		"	19	76 ✓	2	19	66	"
POOR SIDE PLATING .....			✓	✓								
BRIDGE SIDE PLATING ...			✓	✓								
FORE'C'TLE SIDE PLATING			✓	✓								

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

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper between decks	10-4	150x90x9	400	680	
„ „ Second „					
„ „ Third „					
„ „ Holds .....					
COLLISION „ (in Hold) .....					
AFTER PEAK „ „ .....					

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted
KEEL, Bar .....				
STEM .....				
STERN FRAME	}	Propeller Post .....		
		Rudder „ .....		
Speed of Vessel .....				
RUDDER—Type .....				
„ A x D .....				
„ Diam. of head .....				
„ Mainpiece at top pintle .....				
„ „ heel ... ..				
„ how constructed .....				
„ double or single plate coupling, vertical or horizontal .....				

WATER-TIGHT BULKHEADS.		CASTING OR FORGING.		SCANTLING.		MAKER'S NAME.		Any departure from approved plans to be noted.	
Total No. of W.T. BULKHEADS in Vessel—		3.							
Extending to Upper Deck (Sec. 3 c)		3.							
" Deck next below									
As per Rule									
		STIFFENERS.							
Plating Thickness.		VERTICAL.		HORIZONTAL.					
		Scantlings.	Spacing.	Scantlings.	Spacing.				
MIDSHIP BULKHEAD, Upper tween decks		10-4	150x90x9	400	680				
"	" Second "								
"	" Third "								
"	" Holds .....								
COLLISION " (in Hold) .....									
AFTER PEAK " " .....									

Port of

1 \*  
Yokohama

Continuation of Report No 6383 dated

27.4.38 on the

50 Ton non-propelled floating crane  
Hull built by Tsurumi Seitetsu Zosen K.K.

Particulars of Longitudinal Framing

Rivets in long frames	Rivets in bulkhead brackets
Dist. Spacing	Number Dist.

Bottom longitudinals  $\square$   $200 \times 80 \times 7.5$  ✓ 19 114 — 8 19 —

" " - boiler space  $200 \times 80 \times 4.5$  ✓ 8 19 -

" " Spacing 680 centre to main girder ✓

" " " 700 main girder to side

Side longitudinal J 150x75x6.5 from dk. 1st & 2nd 19 114 ✓ 6 19 ✓

" 3 180x75x7 " " 3rd 4th. 19 114 7 19

Spacing 706 -

Deck Longitudinals  $\square$  125 x 65 x 6

" " Spacing 700 ✓

			Bottom	Bottom
Transverses	Upper deck	Side	Ceiling space	Rigging space

Depth x thickness    450 x 9    350 x 9    400 x 9    600 x 9

Face angles  $100 \times 75 \times 10$  90 FLANGE  $125 \times 75 \times 10$  DOUBLE /  $125 \times 75 \times 10$  SINGLE

Lugs to shell & deck 130x130x9 130x130x9 130x130x9 130x130x9

Rivets " " " " 16 x 80 spacing 16 x 80 19 x 95 19 x 95

Spacing transverses 2,700

Two longitudinal non-watertight bulkheads

Plating 8 to 12 in way of crane ✓

Stiffness vertical  $100 \times 75 \times 7$  inverted angle ✓

Web stiffener in way of transverses 300x9, 75 flange. ✓

4 4 4 4 4 crane 500x9, 90x90x10 double face angles. ✓

A. McIlashan.



EQUIPMENT No.												LETTER	ANCHORS.		
Number of Certificate.	Anchor.	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.				
1380	1st Bower ...	15	3	6	4	2	3	17	5	1	7	Admiralty Type	Osaka Chain M. Osaka	24.9.37	J. Matsumura
1381	2nd " ...	15	3	11	4	2	3	17	5	1	7	"	"	"	"
1382	3rd " ...	15	3	20	4	2	3	17	7	2	0	"	"	"	"
	Collective weight.														
	Stream .....														

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.	Statutory.	Breaking.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Fathoms.	Ins.	Tons.	Fathoms.	Ins.
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.			Fathoms.	Ins.	Tons.	Fathoms.	Ins.			
150	420	1 5/16	31	46.5	382.1	11.			Stud link	Tokyo Seisa	Tokyo 16.11.37 S. Satoh.	TOWLINE...	2 of 75	2 1/4	15.6					
												HAWSERS & WARPS	2 of 90	2 1/4	15.7					
		Cir.											2 of 90	4	ebanilla					
Iron Stream } Chain or Steel Wire }																				

Steering Gear, Steam *Done* Steering Gear, Hand *Done*

Boats *Done* Steering Chains, Size and Test *Done* Windlass *2 Capstans Steam; good.*

Ceiling in Holds, thickness and material *Done* Cargo Battens, thickness, material and spacing *Done*

Cargo Hatchways.—(Upper Deck) Thickness of Hatches

Size of No. 1 Hatchway (Forward) No. 2 No. 3 No. 4 No. 5 No. 6

Number of Shifting Beams and/or Fore and Afters

Builder's Signature *A. Murata*

**GENERAL DECLARATION.** It should be stated (a) whether the vessel (if not a motorship) is fitted for the carriage and burning of oil used as fuel  
(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.

The crane was tested with a load of 60 tons. ✓  
The after trimming tank was tested under pressure and found watertight. ✓  
The vessel has been built in accordance with the approved plans. ✓  
The workmanship and materials are good. ✓  
The name has been assigned to this vessel. It was stated it would be towed to Vladivostok for service at that port. ✓  
The vessel has not been officially measured.

The anchors and wire ropes have been supplied in accordance with the Specification approved by the Owners. ✓

The amount of Entry Fee ..... £ 4 : 0 : 0 Fees applied for, (Special notations, where part of class, to be stated.)  
Special Survey Fee.... £ 110 : 0 : 0 27.4.1938 LONGITUDINAL FRAMING ✓  
Travelling Expenses, if any £ 32.50 : 30.6.1938 I am of opinion the Vessel should be Classed 100A1 FLOATING CRANE ✓

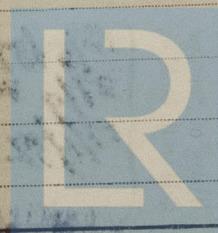
State whether the Vessel has been built under Special Survey Yes. ✓ Signature *C. A. McShan.*  
Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to *Yokohama* Date of issue *27/6/38*

Committee's Minute  
Character assigned *Floating crane*

*Lloyd's ass. of*  
*Lt. breadth.* + N. B. H. 38

The Surveyor is requested not to write on or below the Committee's Minute.



© 2020

Lloyd's Register Foundation

0007 1/2



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.)

The following plans of the vessel as built are forwarded:—  
Aftership section  
Construction profile  
General arrangement  
Upper deck plan.

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

Floating crane. Longitudinal framing

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

1st Bower 14. 3. 10 ✓ T M 1380 4. 9. 37  
2nd „ 14. 3. 15 ✓ „ 1381 „  
3rd „ 14. 3. 24 ✓ „ 1382 „

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 or Forecastle are joined to the B.D., this should be distinctly stated

No. and Material of Decks

One deck Steel

Official No.

Signal Letters

Is bottom of vessel coated with cement

Yes

if not give

particulars of composition

#### PARTICULARS OF WATER BALLAST.—

Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,			Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		
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,		
			(If necessary, furnish further information by sketch.)		

\* The wells are not to be included in the lengths of the tanks (See Circular No. 1284).

Order for Special Survey No. 46

Date 19<sup>th</sup> June, 1936

Dates of Surveys held while building

18/5/37, 5/6, 8/6, 9/6, 11/6, 7/7, 12/7, 15/7, 27/7, 18, 12/8, 19/8, 26/8, 9/9, 13/9, 21/9, 24/9, 27/9, 30/9, 30/10, 2/11, 10/11, 16/11, 18/11, 24/11, 6/12, 10/12, 15/12, 16/12, 22/12, 24/12, 17/1/38, 20/1, 25/1, 28/1, 7/2, 18/2, 19/2, 2/3, 3/3, 4/3, 5/3, 9/3, 10/3, 11/3, 14/3, 17/3.

Total No. of Visits 47