

STEEL STEAMER or MOTORSHIP.

Received at London Office

OCT 21 1937

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

4th September 1937 Port of Koln

Survey held at

Hatsue

Date First Survey

10-9-36

Last Survey

3rd August 1937

On the

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

Single Screw Steam Eng

HINCHUK

State Type

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

Full Scantling

State Type of Erections

Built at Hakamura Shipyard, Matsue

TONNAGE under Tonnage Deck

65.6

CLASS +100 A 1

State if with freeboard as condition of Class

no

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

Total

Gross Tonnage

72.00

Register Tonnage

14.45

Length from fore part of stem to after part of stern

post on summer L.W.L. See Sec. 3 (1a)

L 68.8

Length overall

72.2

Breadth (greatest moulded)

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

B 16.13

D 9.02

1st Longitudinal Number (L x D)

= 620

2nd Numeral L x (B + D)

= 1730

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

8.0

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

7.63

Do. Long Bridge to top of keel

Draught Moulded

Launched 23-5-37

Yard No. 961

Builders Ishibashi Iron Works Ltd.

Owners U.S.S.R.

Managers

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

Residence

Port of Registry Vladivostok

If surveyed while building, afloat, or in dry dock

while building

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	508 throughout		Bracket Floors, Frame	A. 100 75 7	
" " from $\frac{3}{4}$ length to Collision bulkhead			" " Reversed Frame	90 75 7	
" " in peaks			" " Vertical Struts	-	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	750 x 8	
Frame Amidships, Angle, E or F	100 75 7		" " top Angles	75 65 8	
" " Extends up to	Keel to Deck		" " bottom Angles	75 75 9	
Reversed Frame Amidships, Angle			Side Girders, No. each side and thickness	one 6" x 8"	
" " Extends up to			Margin Plate depth (excl. of flange) and thickness	horizontal	
Depth of Framing Girder			" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem	65 65 8	
Frames in Uppermost Continuous 'tween Decks, Angle, [or]			" " Vertical Angle to Tank side Bracket forward $\frac{1}{4}$ len. from stem		
" " Second 'tween Decks, Angle, [or]			" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem		
" " Third " " "			" " Gussets, spacing and scantling forward $\frac{1}{4}$ len. from stem		
Framing in Peaks, Angle E or F	100 75 7		Tank Side Brackets, height above base line at toe of Frame and thickness	1.080 in 6" x 8"	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	5/8, 4 1/2"		INNER BOTTOM PLATING.		
State if Frame Joggled	no		Breadth and thickness of Middle Line Strake	7" x 1/2"	
INTERMEDIATE FRAMES (Sec. 7), state system and particulars	90 65 6		Thickness of remainder in Holds		
PANTING ARRANGEMENTS	-		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?	no d.b.	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	-		BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships in 'tween, Angle, E or F	90 75 9	
Floors, Depth and thickness at mid-line in Holds	330 x 7		" " in way of Bridge, Angle, [or]		
Height of Brackets at side above base line at toe of frame	none		Spacing	every 4'.	
Middle Line Keelson, on Floors, Angles, E or F	100 75 7		Second Deck, amidships, Angle, [or]		
" " Through Plate or Intercostal Plate	10		Spacing		
" " Foundation Plate on Floors	-		Third Deck, amidships, Angle, [or]		
" " Flat Plate Keel Angles	75 75 9		Spacing		
Side Keelsons, No. each side	one		Fourth Deck, amidships, Angle, [or]		
" " thickness of Intercostal Plate	-		Spacing		
" " Angles	125 75 9		Poop Deck, Angle, [or]		
DOUBLE BOTTOM.			Spacing		
Solid Floors, thickness and spacing	7" alternate		Bridge Deck, Angle, [or]		
" " Are Frame and Reversed Frame joggled?	no		Spacing		
Bracket Floors, breadth and thickness at middle line	9" 7" x 1/2"		Forecastle Deck, Angle, [or]		
" " breadth and thickness at margin plate	10" 7" x 1/2"		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.
PILLARS, No. of Rows.....	<i>One</i>	✓	Stringer Plate, breadth and thickness in way of Bridge		
" in 'tween Decks, Size and Spacing.....			Thickness of Plating abreast Deck openings in way of Wells		
" " " " " "			Thickness of Plating abreast Deck openings in way of Bridge		
" in Holds " "	<i>60x8 Hollow</i>		Thickness of Plating within line of openings...		
" " " " " "	<i>to 2nd beam</i>		If Sheathed, material and thickness		
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 <i>380 x 8</i>	✓		If Plated, state thickness		
" " " " in way of Bridge			Poop Deck.		
" Angle in Wells	<i>75 65 8</i>	✓	Stringer Plate, breadth and thickness		
Thickness of Plating abreast Deck openings in way of Wells	<i>250 x 7</i>	✓	Plating, Sheathing, material and thickness ...		
Thickness of Plating abreast Deck openings in way of Bridge			Bridge Deck.		
Thickness of Plating within line of openings...			Stringer Plate, breadth and thickness.....		
If Sheathed, material and thickness	<i>64 Hinoki</i>	✓	Plating, Sheathing, material and thickness ...		
Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells...			Stringer Plate, breadth and thickness.....		
			Plating, Sheathing, material and thickness ...		

SHELL PLATING.

SCANTLINGS.						RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged? <i>no</i>	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.	
	Breadth.	Thickness.	Thickness.	Thickness.			SINGLE OR DOUBLE.	Diam. Spacing cr. to cr.		Diam.	Spacing cr. to cr.		
								Inches. <i>in.</i>					Inches. <i>in.</i>
FLAT PLATE KEEL	<i>900</i>	<i>10</i>	<i>10</i>	<i>9</i>	✓	<i>Double</i>	<i>3/4</i>	<i>2 1/2</i>	<i>Triple</i>	<i>3/4</i>	<i>2 5/8</i>	<i>Lapped</i>	
„ <i>DECK. (if any)</i>													
BOTTOM PLATING, No. of Strakes <i>2</i>		<i>7</i>	<i>10</i>	<i>7</i>	✓	<i>Single</i>	<i>5/8</i>	<i>2 1/2</i>	<i>Double</i>	<i>5/8</i>	<i>2 1/4</i>	<i>do</i>	
BILGE PLATING, No. of Strakes <i>1</i>		<i>7</i>	<i>10</i>	<i>7</i>	✓	<i>do</i>	<i>5/8</i>	<i>2 1/2</i>	<i>do</i>	<i>5/8</i>	<i>2 1/4</i>	<i>do</i>	
SIDE PLATING, No. of Strakes <i>1</i>		<i>7</i>	<i>10</i>	<i>7</i>	✓	<i>do</i>	<i>5/8</i>	<i>2 1/2</i>	<i>do</i>	<i>5/8</i>	<i>2 1/4</i>	<i>do</i>	
UPPER DECK, Sheer- strake in Wells.....	<i>1-115</i>	<i>8</i>	<i>7</i>	<i>7</i>	✓	<i>do</i>	<i>5/8</i>	<i>2 1/2</i>	<i>do</i>	<i>5/8</i>	<i>2 1/4</i>	<i>do</i>	
UPPER DECK, Sheer- strake in Bridge ...													
STRAKE BELOW Sheer- strake in Wells.....													
STRAKE BELOW Sheer- strake in Bridge ...													
POOP SIDE PLATING													
BRIDGE SIDE PLATING ...													
FOREC'TLE SIDE PLATING													
						<i>19 1/2 in Rivets used where plating ends 9 1/2 in, with corresponding pitch.</i>							

19mm Rivets used where plating exceeds 9mm, with corresponding pitch.

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—					
Extending to Upper Deck (Sec. 3 c)		3 ✓			
„ Deck next below					
As per Rule					
	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper tween decks	12mm	12mm	12mm		
„ „ Second „					
„ „ Third „					
„ „ Holds	4 26	65-8	75-65-8	760	
COLLISION „ (in Hold)	4 37	65-8	75-65-8	520	
AFTER PEAK „ „	4 65-8	90	75-8	760	

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar				
STEM	<i>CS</i>		<i>Baka Chain & Hydr.</i>	<i>works L.</i>
STERN FRAME { Propeller Post	<i>CS</i>		<i>ditto</i>	
{ Rudder				
RUDDER—A x D	<i>14.7 ft</i>		<i>6 plans</i>	
Speed of Vessel	<i>8 knots.</i>		<i>app?</i>	<i>ditto</i>
RUDDER mainpiece at head ...			<i>16.6.36</i>	
" " heel ...				
" how constructed				
" double or single plate	<i>Double plate</i>			
" coupling, vertical or horizontal	<i>Horizontal</i>			

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)	Has the Steel been tested as required by the Rules?
	<i>Nippon Seitoku Kab Kaisha</i>	<i>yes</i>
	<i>Asano Shipbuilding Co., Furumi</i>	

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 and Documents are forwarded with this Report:—

Midship Section
Structural Plan. } as built.

Copies of Forging and Casting Certificates.

Steel Advice Notes.

The same builder's no. 962 will be sister vessel to this ship.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	Weight. cut. wt. lbs.	Surveyor	no of Ceti.	Date of Test
	1st Bower	1 - 3 - 15	S.H.	1332	7-4-37
	2nd "	1 - 3 - 12	S.H.	1331	7-4-37
	3rd "				

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 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) One deck, wood.

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. Feet. m.	Water Capacity. Tons.	Where Fitted.	*Length. Feet. m.	Water Capacity. 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,		
	3556 m	8.0	(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. 64

Date 10.4.36.

Dates of Surveys held while building

(1936) Oct. 10. Nov. 5. 6. Dec. 3. 12.
(1937) Jan. 18. Feb. 18. Apr. 12. 18. 26. 27. May. 6. 7. 8. 9. 10. 11. 12. 23.
July 16. Aug. 3.

Total No. of Visits 22.

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