

IN D.O.

# STEEL STEAMER OR MOTORSHIP.

Received at London Office 9 FEB 1951

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...../.....SEPT. 1950.....Port of.....Kobe.....No. 271

Survey held at SHIMONOSEKI Date First Survey 22<sup>nd</sup> AUGUST Last Survey 12 SEPTEMBER 1950

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) SINGLE SCREW STEAMSHIP "BUNYO MARU"

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings)..... FULL SCANTLING..... State Type of Erections..... P. B. & F.

TONNAGE under 93/23.23. CLASS 100 A1 State if with freeboard } No Built at NAGASAKI PREFECTURE  
Tonnage Deck ... }  
as condition of Class } FEET 2

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 106 Launched..... Yard No.....

Breadth (greatest moulded) 50.855 B 15.5 Builders Koyagishima Shipyard

Total	Depth, at middle of length from top of keel to top of beam at side of summermost continuous	8.4 ✓	OF KAWAMINAMI Kogyo KK
-------	---	-------	------------------------

3769.48

2149.65

**MENSIONS.**  
FEET

06.97

15.50

8-40

CLASS 100 A1 State if with freeboard }  
as condition of Class } No

Length from fore part of stem to after part of stern) 106

Length from fore part of stem to after part of stern } L 106  
post on summer L.W.L. See Sec. 3 (1a)

Breadth (greatest moulded) 50.855 B 15.5

Depth, at middle of length from top of keel to top  
of beam at side of uppermost continuous  
deck. See Sec. 3 (1c) ..... 27.55 ..... D ..... 8.4

1st Longitudinal Number (L  $\times$  D).....9584=

2nd Numeral  $L \times (B + D)$  ..... 27270 = 2533.4

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

Proportions—Depth to Length—Uppermost continuous deck to top of keel ..... } 12.6

Do. Long Bridge to }  
top of keel }

Draught Moulded ..... 7.14

Built at NAGASAKI PREFECTURE

Launched..... Yard No.....

Builders KOYAGISHIMA SHIPYARD  
OF KAWAMINAMI Kogyo K.K. ←

Owners TOYO KISEN KK

Managers AS OWNER

(Where necessary to be entered in Reg. Book)

Residence: **CHAKUBASHI, NINONBAS**

Residence CHUO-KU TOKYO

Part of Register

Port of Registry..... 10178.

*If surveyed while building afloat or in dry dock*

1) strategy and planning; action, or, in any case,

AFLOAT &amp; IN DRYDOCK

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.	
amidships.....	800	✓		Bracket Floors, Frame .....	180	75	9.5
from 3 length amidships to Collision bulkhead.....	700	✓		" " Reversed Frame.....	180	75	9.5
in peaks .....	600	✓		" " Vertical Struts .....	150	90	12
ps, Angle, [ or ] .....	250	90	9/13	Centre Girder, depth and thickness amidships	1000	17/10	
Extends up to.....	2nd Deck	✓		" " top Angles .....	75	75	12
Amidships, Angle .....	-			" " bottom Angles.....	100	100	13
" Extends up to .....	-			Side Girders, No. each side and thickness.....	ONE	9	
ng Girder.....	250	✓		Margin Plate depth (excl. of flange) and thickness .....	12	-	
ppermost Continuous 'tween Decks, Angle, [ or ] .....	200	90	10	" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem .....	75	12	FB WELDED
nd 'tween Decks, Angle, [ or ] .....	-			" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area .....	do.	-	
d .....	As FRAMES	✓		" " Gussets, spacing and scantling abaft 1/2 len. from stem.....	12	EVERY FR.	
len. for'd. to 15% len. from .....	90	75	9 Rev. ALTERNATES	" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area .....	do.	-	
t, Angle or [ .....	200	90	10	Tank Side Brackets, height above base line at toe of Frame and thickness	1600	10	
Spacing of Rivets through me and Shell Plating amid-s .....	22	1/4	6 DMS	INNER BOTTOM PLATING.			
Joggled.....	YES	✓		Breadth and thickness of Middle Line Strake...	1400	17/10	
ngs and arrangements in the in accordance with the Rules proved ? .....	YES	✓		Thickness of remainder in Holds .....	11/9	-	
gs and arrangements in way n Forward in accordance with l/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	-	
L .....				BEAMS.			
and thickness at mid-line in .....				Uppermost Continuous Deck, amidships in Wells, Angle, [ or ] .....	200	90	8/13
of Brackets at side above line at toe of frame.....				" " in way of Bridge, Angle, [ or ] .....	do.	✓	
Keelson, on Floors, Angles, [ or ] .....				Spacing .....	800	✓	
" Through Plate or Inter-costal Plate .....				Second Deck, amidships, Angle, [ or ] .....	200	90	8/13
" Foundation Plate on Floors .....				Spacing .....	800	✓	
" Flat Plate Keel Angles .....				Third Deck, amidships, Angle, [ or ] .....	-	-	
No. each side.....				Spacing.....	-	-	
thickness of Intercoastal Plate.....				Fourth Deck, amidships, Angle, [ or ] .....	-	-	
Angles .....				Spacing.....	-	-	
FROM.				Poop Deck, Angle, [ or ] .....	150	75	8
thickness and spacing .....	2	2400		Spacing.....	600		
Are Frame and Reversed Frame joggled ? .....	YES	✓		Bridge Deck, Angle, [ or ] .....	200	90	10
s, breadth and thickness at middle line .....	900	9		Spacing.....	800		
breadth and thickness at margin plate.....	200	9		Forecastle Deck, Angle, [ or ] .....	180	75	9.5
				Spacing.....	700	600	



## PILLARS AND DECKS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.	INCHES IN SHIP.
PILLARS, No. of Rows	TWO		
" in 'tween Decks, Size and Spacing	225 D 10		
" " " " "	235 D 12		
" in Holds " " "	330 D 14		
" " " " "	390 D 14		
Centre Line Bulkhead. Stiffeners and Spacing			
Plating, thickness of			
STRINGERS AND DECKS.			
Uppermost Continuous Deck.			
Stringer Plate, breadth and thickness in Wells	1600 18		
" " " " in way of Bridge	1600 10		
" Angle in Wells	200 200 25		
Thickness of Plating abreast Deck openings in way of Wells	18		
Thickness of Plating abreast Deck openings in way of Bridge	10		
Thickness of Plating within line of openings	9		
If Sheathed, material and thickness	No.		
Second Deck.			
Stringer Plate, breadth and thickness in Wells	1400 8		
Stringer Plate, breadth and thickness in way of Bridge	1400 X 8		
Thickness of Plating abreast Deck openings in way of Wells	7		
Thickness of Plating abreast Deck openings in way of Bridge	7		
Thickness of Plating within line of openings	7		
If Sheathed, material and thickness	No		
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	1600 12		
Plating, Sheathing, material and thickness	10/4 None		
Forecastle Deck.			
Stringer Plate, breadth and thickness	10		
Plating, Sheathing, material and thickness	7 None		

## SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.			
	AMIDSHIPS.		FORWARD.			SINGLE OR DOUBLER.	No.		No. of ROWS OF RIVETS.	RIVETS.		
	Breadth.	Thickness.	Thickness.	Thickness.			Diam.	Spacing or to cr.		Diam.	Spacing or to cr.	
												Inches.
Flat Plate Keel.....	1400	18	16	16		D	✓	22	4 1/2 Max	4	22	4 1/2
„ Dblg. (if any)						✓	See letter 20-301.			1		
Bottom Plating, No. of Strakes .....4.....		16	18	16 1/2		D	✓	✓	✓	3	✓	✓
Bilge Plating, No. of Strakes .....2.....		16	16	16 1/2		D	✓	✓	✓	3	✓	✓
Side Plating, No. of Strakes .....3.....		16	12	12		D	✓	✓	✓	3	✓	✓
Upper Deck, Sheer-strake in Wells.....	1500	18	12	12	(16 in way of BRIDGE)	D	✓	✓	✓	3	✓	✓
Upper Deck, Sheer-strake in Bridge ...		16				D	✓	✓	✓	3	✓	✓
Strake below Sheer-strake in Wells.....		SEE	SIDE.			✓				1		
Strake below Sheer-strake in Bridge ...		✓				✓				1		
Poop Side Plating.....		9	✓			S	✓	19	4 1/2 Max	1	19	3 1/2
Bridge Side Plating.....		14	✓			D	✓	22	4 1/2 Max.	3	22	4
Forecastle Side Plating		10	✓			S	✓	19	4 1/2 Max.	1	19	3 1/2
					NOTE-SEAMS 4 DIAS. IN WAY OF CASTING							

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	
Extending to Upper Deck (Sec. 3 c)	6
" Deck next below	
As per Rule	6

## STIFFENERS.

	Plating Thickness.	VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper 'tween decks	7/6	150x90x90	750		
" " Second					
" " Third					
" " Holds	12/7	250x90x90	750		
" " (in Hold)	12/9	150x90x90	700	STRINGER	
COLLISION					
AFTER PEAK	14/8	150x90x90	1687.5		

## STEEL.

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

STATED OPEN HEARTH PROCESS

TEST CERTS. HEREWITH

Has the Steel been tested as required by the Rules? NKK RULES

EQUIPMENT No. 2216-2a. LETTER No. 2216-2a. ANCHORS.

Anchor.	Weight, Lbs.	Weight of Stock, Cwts. qrs. lbs.	Test, per Certificate, Tons, cwt. qrs. lbs.	Weight Required by Table 53, Cwts.	Description of Anchor.	Makers.	Where and when tested, and Superintendent.
1st Bower	3160		SEE CERT. (COPY)		STEEPLE	KANADINAMI	NAGASAKI
2nd "	3120		"		"	"	"
3rd "	3140		"		"	"	"
Collective weight	9420		"	8130 (2)	"	"	"
Stream Total	980		"	760	Cannon	"	"

## CHAIN CABLES.

Length and size supplied.	Diam.	Status Break-Down.	WEIGHT OF CHAIN CABLE.		Length and Size per Table 53.	Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	HAWERS AND WARPS.	
			Supplied.	Per Rule.						Length and Size supplied.	Length and Size per Table 53.
528.5 SA	8 1/2	115	35248	30940	425 SA	STUD LINK	KOKKO SEISA KAGYO K.K.	OSAKA	TOWLINE	200 38 72.5	220 114
200 38	72.5				165 114				HAWERS & WARPS	200 26 34.14	165 64
										200 26 33.6 (H)	165 64
										200 60.4	165 178
										200	165 178

COPY OF CERTS. HEREWITH.

ar, Type (Power or hand) STEAM (STEAM TILLER TYPE) Alternative Means of Steering HAND

ains (Size and Test) Windlass STEAM (HORIZ.) 2 x 91 Boats.

Holds, thickness and material YES Cargo Battens, thickness, material, and spacing 50 1/4 SUGI.

Hawses—(Upper Deck) STEEL PLATES AND ANGLES. Thickness of Hatches 2 1/2 LAMINATED SUGI.

Hawses No. 1 (Fwd.) 7700 x 5500 No. 2 8800 x 6000 No. 3 4600 x 6000 No. 4 4900 x 6000 No. 5 8800 x 5500 No. 6

Shifting Beams 4 5 3 6 5

Builder's Signature

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. No

whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo. No The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point (where required to be inserted in the Notation).

SCANTLINGS & ARRANGEMENTS INDICATED ON THE APPROVED PLANS PER SECRETARY'S LETTER DATED 22 JUNE 1950. HAVE BEEN VERIFIED, THE RULES FOR SHIPS NOT BUILT UNDER SURVEY HAVE BEEN COMPLIED WITH. DOCUMENTARY EVIDENCE REGARDING THE QUALITY OF THE MATERIALS OF CONSTRUCTION ACCOMPANIES THIS REPORT. THE WORKMANSHIP IS GOOD. (SEE REPT. B) THE PEAK TANKS & ALL DOUBLE BOTTOM TANKS WERE OPEN INTERNALLY EXAMINED & TESTED, IN ACCORDANCE WITH RULE REQUIREMENTS AND FOUND TO BE SATISFACTORY. PROVISIONAL FREEBOARDS HAVE BEEN ASSIGNED IN ACCORDANCE WITH CERTIFICATE ATTACHED, MARKED. & VERIFIED. OIL FUEL NOT USED IN THIS VESSEL.

## FORGINGS AND CASTINGS

	Castings or Forgings.	Scantlings.	Material.
KEEL, Bar			
STEM	CS.		
STERN FRAME	CS.		
Propeller Post	SEE APP.		
Rudder	14.5 KN		
Speed of Vessel	12.5 KNOTS		
RUDDER—Type	SEMI BALANCE		
" A x D	12-9 1/2 x 49 1/2		
" Diam. of head	270 1/4		
" Mainpiece at top pintle	SEE APP.		
" heel	WELDED		
" how constructed	DOUBLE		
" double or single plate coupling, vertical or horizontal	VERTICAL		

of Entry Fee..... £200 : Fees applied for, (Special notations, where part of class, to be stated.)

FREEBOARD 60 : 19

Special Survey Fee..... £ : Received by me, I am of opinion the Vessel should be Classed 100 A1

Min. Expenses, if any : 19

The Vessel has been built under Special Survey No

Signature *Refined* Surveyor to Lloyd's Register of Shipping.

12-9 1/2 x 49 1/2 sent to KOBE in TRIPLICATE. 3/10/51

TUES. 25 SEP 1951

100A1 Subject.

9.50 Smk.

ss. Smk. 9.50

Classed 9.50

LMC 9.50 subject

3 WTB 227 lb. (Spt.) FD

CL. 8.50



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 the Plans should be embodied.)

APPROVED PLANS IN LONDON OFFICE

DOCUMENTS ACCOMPANYING THIS REPORT

- ✓ C 11
- ✓ C 11 Comp
- ✓ RIGGING REPORT 1A.
- MATERIAL TEST SHEETS BEING COPIES OF M.K.K. CE
- ✓ SHEET. I
- ✓ " II (ANCHOR CABLE SHACKLE & ROPE)
- ✓ " III
- ✓ REPORT 8.
- ✓ PROVISIONAL FREEBOARD CERT.
- ✓ INTERIM CLASSIFICATION CERT.
- ✓ RIVET SULPHUR PRINT.
- ✓ CAPACITY PLAN.

NOTE:— THE BELOW W/L. RIVETS ARE SHOWING RAPID DETEIORATION. SULPHUR WERE TAKEN FROM SAMPLE RIVETS & PRINT IS ENCLOSED FOR INFO. SEE REPORT 8 FOR RIVET RENEWALS.

PARTICULARS OF ELECTRIC WELDING (if employed)

YES. ✓ IN W/T BULKHEADS (PLATING) ✓ SUPERSTRUCTURES AND PART TANK T

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

Cyc. ✓ D.F. ✓ E.S.D. ✓ W.T. ✓  
CRUISER STERN ✓

RADAR Equipment (State if fitted)

State Type or Pattern No. NONE  
State Name of Maker and/or Supplier

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

1st Bower  
2nd "  
3rd "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 6.636 M. R.Q.D. 21.7 ft., Bridge 49.600 M. Fore

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

Official No. 62888 Signal Letters J.Q.N.X. Extreme Breadth over Belting 15.536 M. Over-all Length 11

No. and Material of Decks 1 COMPLETE OF STEEL 2<sup>ND</sup> DECK FORD. ALSO P. B + F ALL OF STEEL

Parts of Bottom of Vessel coated with cement or approved composition CEMENT THROUGHOUT

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.
Double bottom, aft,	15.20	131.82	Fore peak tank,	7.50
Double bottom, under Engines and Boilers, (F.W.T.s)	22.40	280.30	After peak tank,	6.10
Double bottom, if under Engines only,			Deep tank, aft, (No 6 W.B. Tank P.S.S.)	10.40
Double bottom, if under Boilers only,			Deep tank, forward,	
Double bottom, forward,	41.10	189.88	Other tanks, if fitted,	
Total length (if continuous) and Capacity	78.70	602.00	(If necessary furnish further information by sketch.)	

Order for Special Survey No.

Date

Dates of Surveys held while building

23<sup>RD</sup> AUGUST. 1950 R.  
22/24<sup>TH</sup> AUGUST. 1950 M.K.  
30 AUGUST. 4 / 11 SEPT. 1950 L.T.W.

© 2021

Lloyd's Register Foundation