

Rpt. 1  
F.E. FROM ACCTS. 18/3  
F.E. FROM ADMIN/F 18/3  
PLANS RECD. 19/3  
CERTS. RECD. 19/3  
TO RPT. 23/7

# STEEL STEAMER OR MOTORSHIP.

Received at London Office

DISCLOSED

SECTION

No. 1079

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

State if Report is sent on the Machinery of the Vessel Yes (By Shimonoseki Surveyors)

Date of completion of report 12th February, 1959 Port of KOBE No. FE-6236

Survey held at Kasado, Japan Date First Survey 22nd August, 1958 Last Survey 11th February, 1959

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Steel Single Screw Motor Ship "NARRA" - Machinery Aft

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) Scantlings suitable for a summer moulded draught of 6.375 M (20'-11") State Type of Erections Poop & Forecastle

TONNAGE under Tonnage Deck ...  
Do. of space or spaces between Tonnage Dk. and Upper Dk.  
Total  
Gross Tonnage 3,366.97  
Register Tonnage 1,871.70

CLASS +100A1 State if with freeboard as condition of Class Metres  
Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) L 97.00  
Breadth (greatest moulded) B 15.00  
Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 7.70  
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 = 12.6  
Do. Long Bridge to top of keel =  
Draught Moulded 20'-10 15/16"

Built at Kasado, Japan  
Launched 11th December, 1958 Yard No. 203  
Builders Kasado Dockyard Co., Ltd.  
Owners Ace Lines Inc.  
Managers (Where necessary to be entered in Reg. Book) Shurdut Building  
Residence in Tramuros, Manila, P.I.  
Port of Registry Manila  
If surveyed while building, afloat, or in dry dock Building Afloat & in Drydock.

STERED DIMENSIONS.  
FEET  
322.83  
49.20  
25.26

## FRAMES, DOUBLE BOTTOM AND BEAMS.

	m/m	IN SHIP.	Any Departure from Approved Plans to be Noted.		m/m	IN SHIP.	Any Departure from Approved Plans to be Noted.
MES, Spacing amidships.....	750	✓		Bracket Floors, Frame .....	-		
" " from 1/2 length amidships to Collision bulkhead.....	640	✓		" " Reversed Frame.....	-		
" " in peaks .....	610	✓		" " Vertical Struts .....	-		
FRAMING.				Centre Girder, depth and thickness amidships	1100 - 11	✓	
Same Amidships, Angle, 1/4" T	S.F. 300 90 11/16	✓		" " top Angles .....	Welded Direct	✓	
" " Extends up to .....	Upper Deck	✓		" " bottom Angles.....	-		
Reversed Frame Amidships, Angle .....	-			Side Girders, No. each side and thickness.....	One - 8.5	✓	
" " Extends up to .....	-			Margin Plate depth (excl. of flange) and thickness .....	1020 - 11	✓	
Depth of Framing Girder.....	300 250	✓		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem .....	Welded	✓	
Frames in No. 1 Uppermost Continuous Deck, Angle, 5/16" T	150 90 9	✓		" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area .....	Direct	✓	
" " Second 'tween Decks, Angle, [ or ]	-			" " Gussets, spacing and scantling abaft 1/2 len. from stem.....	-		
" " Third " " " "	-			" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area .....	-		
" " from 1/2 len. for'd. to 1/2 len. aft. Collision Bulk. Fore	200 10 B.P.	✓		Tank Side Brackets, height above base line at toe of Frame and thickness	1550 x 10	✓	
" " in Peaks, Angle, 1/4" T	150 90 9	✓		INNER BOTTOM PLATING.			
Diameter and Spacing of Rivets through Frame and Shell Plating amidships .....	Welded Direct	✓		Breadth and thickness of Middle Line Strake.....	-		
State if Frame Joggled.....	No	✓		Thickness of remainder in Holds .....	10	✓	
Are the scantlings and arrangements in the Panting Area 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 Boiler Room? .....	Yes	✓	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved? .....	Yes	✓		BEAMS. See Report 1*			
DOUBLE BOTTOM.				Uppermost Continuous Deck, amidships in Wells, Angle, [ or ] .....	Longitudinal	✓	
Floors, Depth and thickness at mid-line in Holds.....	-			" " in way of Bridge, Angle, [ or ] .....	-		
Height of Brackets at side above base line at toe of frame.....	-			Spacing .....	-		
Middle Line Keelson, on Floors, Angles, [ or ]	-			No. 1 Hold			
" " Through Plate or Inter-costal Plate .....	-			Second Deck, Angle, 1/4" T	150 90 9	✓	
" " Foundation Plate on Floors .....	-			Spacing .....	750/640	✓	
" " 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. See Report 1*				Poop Deck, Angle, 1/4" T	125 75 7	✓	
Solid Floors, thickness and spacing .....	10 - 1500 2250	✓		Spacing.....	125 75 10	✓	
" " Are Frame and Reversed Frame joggled? .....	None	✓		Bridge Deck, Angle, [ or ] .....	-		
Bracket Floors, breadth and thickness at middle line .....	750 - 8.5	✓		Spacing.....	-		
" " breadth and thickness at margin plate.....	500/150 - 8.5 75 Fl.	✓		Forecastle Deck, Angle, 1/4" T	125 75 7	✓	
				Spacing.....	640 610	✓	



## PILLARS AND DECKS.

	MODEL IN SHIP. m/m	Any Departure from Approved Plans to be Noted.	MODEL IN SHIP. m/m	Any Departure from Approved Plans to be Noted.	Number of Plating.
PILLARS, No. of Rows .....	/	/			328
" in 'tween Decks, Size and Spacing .....	/	/			328
" " " " "	/	/			328
" in Holds " " "	/	/			328
" " " " "	/	/			328
Centre Line Bulkhead. Stiffeners and Spacing .....	/	/			328
Plating, thickness of .....	/	/			328
STRINGERS AND DECKS.					
Uppermost Continuous Deck.					
Stringer Plate, breadth and thickness in Wells	1815 - 20 ✓				
" " " " at Break of Poop	24 ✓	P.5 Steel			
" " " " in way of Bridge	✓				
" Angle in Wells .....	150 150 19 ✓	and as Appd.			
Thickness of Plating abreast Deck openings } in way of Wells .....	20 ✓				
Thickness of Plating abreast Deck openings } in way of Bridge.....	-				
Thickness of Plating within line of openings...	7.5 ✓				
If Sheathed, material and thickness.....	None ✓				
Second Deck. (No.1 Hold)					
Stringer Plate, breadth and thickness in Wells	8 ✓				
Stringer Plate, breadth and thickness in way of Bridge					
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.....	7.5/11 ✓				
Plating, Sheathing, material and thickness ...	7/11 ✓				
Bridge Deck.					
Stringer Plate, breadth and thickness.....	-				
Plating, Sheathing, material and thickness ...	-				
Forecastle Deck.					
Stringer Plate, breadth and thickness.....	8 ✓				
Plating, Sheathing, material and thickness...	8-9 under windlass no sheathing ✓				

## SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?	SINGLE OR DOUBLE.	RIVETS.		NO. OF ROWS OF RIVETS.	RIVETS.		STRAKE LANE.
	Breadth.	Thickness.	Thickness.	Thickness.				Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
	<del>mm</del> mm	<del>mm</del> mm	<del>mm</del> mm	<del>mm</del> mm									
Flat Plate Keel.....	1780	16.5	16.5	16.5									
„ Dblg. (if any)	-	-	-	-		Electrically welded			Electrically welded				
Bottom Plating, No. of Strakes .....3...}	1860 1885 1885	14	14	12									
Bilge Plating, No. of Strakes .....1...}	1695 1580	14	12	12		Top Edge	22	99					
Side Plating, No. of Strakes .....3...}	1855 1740	14	12	12		Double							
Upper Deck, Sheer- strake in Wells.....}	1650	18	13	15 22	Approved P.4 Steel fitted P.5 steel AT POOP BREAK.								
Upper Deck, Sheer- strake in Bridge ...}	-	-	-	-									
Strake below Sheer- strake in Wells.....}	-	-	-	-									
Strake below Sheer- strake in Bridge ...}	-	-	-	-									
Poop Side Plating.....	-	-	-	8.5/14		Electrically Welded			Electrically Welded				
Bridge Side Plating.....	-	-	-	-									
Forecastle Side Plating	-	-	9	-	12 in way of hawse pipe	Electrically Welded			Electrically Welded				

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—		Extending to Upper Deck (Sec. 3 c) Five		Deck next below —		As per Rule Five	
		KEEL, <del>B&amp;G</del>		M.S. Plate			
		STEM Shaped plates		M.S. 15/10			
		STERN FRAME		Cast Steel		As Mitsubish Co., Ltd. Hiroshim	
		Propeller Post		✓			
		Rudder		✓			
Speed of Vessel		13 knots		✓			
RUDDER—Type		Balanced		✓			
" A × D.		-		✓			
" Diam. of head		Forged 235		✓		Tokushu Co., Ltd. of Trans	
" Mainpiece		Steel		✓		Kawasaki ate if joggled	
" "		-		✓			
" how constructed		M.S. 10		✓		El. Weld	
" double or single plate		Double		✓			
" coupling, vertical or		Vertical Sleeve Joint		✓			
" horizontal				✓			
Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) Open hearth or furnace.							
STEEL. Kawasaki Iron Works, Yawata Iron & Steel Co., Ltd., Fuji Iron & Steel Co., Ltd., Amagasaki Steel Works Ltd. Kawasaki Steel Corporation, Nakayama Steel Works Ltd. Ruhrstahl A.G. (Germany), & S.A. des Forges de Cla							
Has the Steel been tested as required by the Rules? Yes.							



# M.V. "NARRA" - Kasado Ship No.203. PARTICULARS OF LONGITUDINAL FRAMING

FE-6236

FRAMING	AMIDSHIPS			ENDS			Any Departure from Approved Plans to be Noted.	RIVETING				
	In Ship.			In Ship.				Rivets in Longitudinal Frames.		Spacing of Rivets on each side of Transverses and Bulkheads. Inches.	Rivets in Brackets to Bulkheads.	
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.		Diam. Ins.	Speng. Ins.		Number.	Diameter Inches.
of L, L or C .....												
Bridge 'tween Decks ...												
from Uppermost Continuous No. 1												
" 2												
" 3												
" 4												
" 5												
" 6												
" 7												
" 8												
" 9												
" 10												
" 11												
" 12												
" 13												
" 14												
" 15												
" 16												
ng of (Amidships .....												
idinal (At Ends .....												
Tank Top Longitudinals	150	90	9 ✓	150	90	9 ✓						
Bottom "	150	90	9 ✓	150	90	9 ✓						
ongitudinals (Amidships		750	✓		-							
(At ends...		-			750	✓						
Transverses.												
(Depth and Thickness												
Face Angles .....												
Lugs to Shell*.....												
Depth and Thickness												
Face Angles .....												
Lugs to Shell*.....												
Depth and Thickness												
Face Angles .....												
Lugs to Shell*.....												
" " Back Bars												
Brackets .....												
of Transverse Frames...												
ate if joggled or liners.												
Bridge Deck...	-		✓									
Upper "	150	90	9	150	90	9 ✓	750 ✓					
Second "	Transverse - See Report 1											
Third "	-											
Transverse Beams.												
Plate.												
Face Angles.												
Any departure from Approved Plans to be Noted.												
350x100x10.5/16												

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, &c., to be entered in their respective places provided for on the Report Forms.

NOTE.—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, &c., on the first page.



EQUIPMENT No. 2301 ✓						LETTER u ✓		ANCHORS.	
Any Departure Approved Plan be Noted	Number of Certificate	Anchor.	WEIGHT, EX. STOCK. Kgs.	WEIGHT OF STOCK. Kgs.	TEST, PER CERTIFICATE. Kgs.	WEIGHT REQUIRED BY TABLE 53. Kgs.	Description of Anchor.	Makers.	Where and when tested, and Superintendent.
53287	1st	Bower	2265 ✓		39752 ✓	2195 ✓	Cast Steel Stock less Hall's type	Komatsu Mfg. Co. Ltd.	Komatsu 6.11.58 M. Sugihara
53289	2nd	"	2265 ✓		39752 ✓	2195 ✓			
53288	3rd	"	2260 ✓		39685 ✓	2195 ✓			
Collective weight			6790 ✓			6585 ✓			
53286	Stream		725	195	16024 ✓	-	Cast Steel Stock Admiralty	Do.	Komatsu M. Sugihara 6-11-58

CHAIN CABLES.												HAWSERS AND WARPS.					
Number of Cables.	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. Metres.	Diam. mm.	Statu- tory. K.g.	Break- ing. K.g.	Supplied. K.g.	Per Rule. K.g.	Length. M.	Diam. mm.					Length. M.	Diam. mm.		Length. M.	Diam. mm.
53411	502.11	44	107500	22969	19231	495	42.5	Special Cast Steel Stud Link	Komatsu Mfg., Co., Ltd.	Komatsu 30-10-58 & 5-11-58 M. Sugihara	TOWLINE	200	42	50.9	200	-	
	✓	✓	✓	✓	✓	✓	✓					HAWSEERS & WARPS }	2 @	✓	✓	✓	✓
													185	22	21.2	30	✓
													2 @ Manila	✓	✓	✓	✓
													185	55	20.58	185	-
Stream Wire	165	40	-	50.9	-	-	-	-	F. S. W. R.								

ering Gear, Type (Power or hand)	Electro Hydraulic	Alternative Means of Steering	Hand Pump
ering Chains (Size and Test)	None	Windlass	Steam
ling in Holds, thickness and material	65mm. Pine - on 25mm Bearers	Cargo Battens, thickness, material and spacing	50 - 230 - Wood
go Hatchways.-(Upper Deck)	Steel plates and bulb plates	Thickness of Hatches	75mm - Wood
se of Hatchways No. 1 (Fwd.)	9,820x6,000	No. 2	24,000x6,000
	mm	No. 3	10,500x6,000
		No. 4	-
		No. 5	-
		No. 6	-
umber of Shifting Beams	7	17	7

Builder's Signature *K. Kawaguchi*  
**KASADO DOCKYARD CO., LTD.**  
 Kasado-Shima, Kudamatsu City,  
 Yamaguchi Pref. Japan

**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 Motorship  
 (b) 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).

This ship has been built under special survey in conformity with the Society's Rules and Regulations and the  
 Secretary's letters. The scantlings and arrangements of the ship are as given in the report and as shown and amended  
 the approved plans now forwarded. All modifications or additions to the original approved arrangements made during  
 truction have been indicated on the plans and have been approved as being in accordance with, or by standards  
 valent to, the Rule requirements. The plans of Midship Section and Profile and Decks showing the ship as built, now  
 arded herewith have been checked with the approved arrangements and found in order. All materials used in the  
 truction have been tested as required by the rules and the workmanship is good. All Double Bottom tanks, cofferdam,  
 and aft peaks, F.W. Tank, bulkheads and weather decks have been tested as required by the Rules and found satisfactory.  
 lass, steering gear, bilge suctions and hand pump tried under working conditions and found satisfactory. The  
 boards as assigned by the Society have been verified, but in on the ships sides and painted in Oil Fuel for ships use  
 above 150°F may be carried in Nos. 3, 4 & 5 D.B. Tanks.

P.5 Steel has been used in the sheerstrake for half length midships as shown on the shell expansion. Mill sheets  
 used.

as per Scale	: ¥1,161,000.-	Fees applied for,	
mount of Entry Fee	£	19	(Special notations, where part of class, to be stated.)
/3% Reduction	: 387,000.-		
Special Survey Fee	£		
al Fee	: ¥ 774,000.-	Received by me,	
Travelling Expenses, if any	£	19	
for Feb. 59.	: 20,760.-		
whether the Vessel has been built under Special Survey	Yes		
cate to be sent to	Kobe	Date of issue	11.6.59

I am of opinion the Vessel should be Classed +100A1  
 Longitudinal Framing at Bottom & Deck.  
 Signature *S. Bowman*  
 Surveyor to Lloyd's Register of Shipping.  
 S. Bowman.

Committee's Minute FRIDAY 22 MAY 1959  
 Character assigned +100 A1  
DS1.59  
LACP  
+LMC  
ES  
OBS(WT) 2.59  
TS CL

ok. Kob.  
 Site Mmk.

NOTED FOR  
 POSTING 1/5

Noted  
 for  
 Header

© 2021  
 Lloyd's Register  
 Foundation

0215 3/3



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.)

No Sister vessel. ("MOLAVE" & "YAKAL" - A.B. Class similar).

The following certified copies of approved plans forwarded herewith:—

1. Midship Section.
2. Profile & Decks.
3. Rudder.
4. Stern frame.
5. Shell Expansion.
6. W.T. Bulkheads.
7. Bottom Construction in Engine Room.
8. Stern Construction.
9. Bow construction.

10. Midship section "as built".
11. Profile & Decks "as built".
12. Web Frames
13. CAPACITY PLAN.

Forging and Casting Certificates.

Stern frame.

Steering gear.

Rudder stock.

Rudder main piece.

Rudder sleeve joint.

Circular No.2051

Navigation aids - Nil.

Type of ships - Full scantling.

L = 318'-2 7/8" B = 49'-2 9/16" D = 25'-3 1/8"

Rise of floor 5-29/32"

No Radio telephone.

PARTICULARS OF ELECTRIC WELDING (if employed) All electrically welded except riveted stringer angle on upper deck in well and riveted top seam of bilge strake. Welding carried out by experienced operators using approved electric arc welding. A limited amount of radiographic inspection carried out during construction with satisfactory results.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book Part Electrically welded, ESD, D/F, GYC, RDR, LLOYDS A & C.P. Longitudinal framing at bottom and deck, oil engine, Main structure partly P.5 steel.

RADAR Equipment (State if fitted) Yes  
State Type or Pattern No. MR-30A  
State Name of Supplier Tokyo Keiki Seizosho Co., Ltd.  
Tokyo

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st. Bower	✓ 1470 K.G.	M.S.	A53287	30.10.58
	2nd "	✓ 1460 K.G.	M.S.	A53289	30.10.58
	3rd "	✓ 1450 K.G.	M.S.	A53288	30.10.58

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 79.99 ft., R.Q.D. — ft., Bridge — ft., Forecastle 36.6 ft.

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated to be allocated to be allocated Signal Letters D Z Z C Extreme Breadth 49-4 3/4" Over-all Length 345'-2" (Circ. 1611) (Circ. 1703)

Official No. on arrival Manila No. and Material of Decks One - 2nd deck in No.1 Hold - Steel wash Fore peak and aft peak. No.1 & 2 D.B. - FW Transom Tank

Parts of Bottom of Vessel coated with cement approved composition

Particulars of composition (if fitted) and of approval None

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.)

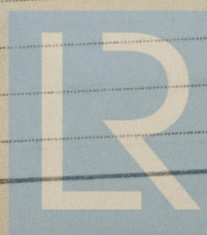
Where Fitted.	Length. Feet.	Water Capacity. L. Tons.	Where Fitted.	Length. Feet.	Water Capacity. L. Tons.
Double bottom, aft,	—	—	Fore peak tank,	—	—
Double bottom, under Engines and Boilers,	22.14	O.F. ✓	After peak tank,	—	—
Double bottom, if under Engines only,	—	—	Deep tank, aft,	—	—
Double bottom, if under Boilers only,	217.42	869.41 ✓	Deep tank, forward,	—	—
Double bottom, <del>forward</del> ,	239.56	869.41 ✓	Other tanks, if fitted,	—	—
Total length (if continuous) and Capacity			(If necessary furnish further information by sketch.)		

Order for Special Survey No. 203

Date 22nd July, 58

Dates of Surveys held while building

1958: Aug. 22, 29, Sept. 9, 16, 26, Oct. 10, 16, 24, 31, Nov. 7, 14, 21, 27, 28, Dec. 2, 11.  
1959: Jan. 8, 16, 22, 30, Feb. 6, 11



© 2021

Lloyd's Register Foundation

Total No. of Visits