

Rpt. 1

E. FROM ACCTS.	25/6
E. FROM ADMIN/F	27/6
ANS RECD.	23/6
DATE OF COMPLETION OF REPORT	23/6
DATE OF SURVEY	25/6

STEEL STEAMER OR MOTORSHIP.

DISCLOSED
SECTION

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

Received at London Office

SECTION

No. 928

No. FE-5706

Date of completion of report 23rd June, 1958.

Port of KOBE

Survey held at Kobe

Date First Survey 9th November, 1957

Last Survey 13th May,

1958.

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

Single Screw Motor Ship "FENIX"

(Full Scantling)

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

Scantlings suitable for summer mld.draft of 30.41 ft. measured from top of keel.

State Type of Erections Forecastle

GE under } 8,581.74
ge Deck ... }

space or spaces }
en Tonnage Dk. }
Upper Dk. }

Tonnage 9,431.31

r Tonnage 5,730.06

REGISTERED DIMENSIONS.

FEET

462.30

63.58

38.29

CLASS +100A1

State if with freeboard as condition of Class

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) L 454.39'

Breadth (greatest moulded) B 63.32'

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 41.17'

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 11.04'

Do. Long Bridge to top of keel

Draught Moulded 30.42'

Built at Kobe, Japan

Launched 22nd Feb., 1958 Yard No. 883

Builders Mitsubishi Heavy Ind., Reorganized Ltd., Kobe Shipyard & Engine Works.

Owners Phoenix Compania de Navegacion S.A.

Managers Combined Argosies Incorporated (Where necessary to be entered in Reg. Book)

Residence New York

Port of Registry Monrovia.

If surveyed while building, afloat, or in dry dock Building afloat and in drydock, last seen in dry dock 21/4/58.

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.
FRAMES, Spacing amidships.....	800 ✓		Bracket Floors, Frame	Welded ✓
" " from 1/2 length amidships to Collision bulkhead.....	685 ✓		" " Reversed Frame.....	-
" " in peaks	610 ✓		" " Vertical Struts	-
DE FRAMING.			Centre Girder, depth and thickness amidships	1210x14 ✓
Frame Amidships, XXXXXX []	380x100x13/20 ✓		" " top XXXXXX	Welded ✓
" " Extends up to.....	2nd Deck ✓		" " bottom XXXXXX	Welded ✓
Reversed Frame Amidships, Angle	-		Side Girders, No. each side and thickness.....	1 @ 9.5 ✓
" " Extends up to	-		Margin Plate depth (excl. of flange) and thickness	1050x14 ✓
Depth of Framing Girder.....	-		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	Welded ✓
Frames in Uppermost Continuous 'tween Decks, XXXXXX []	200 90 9/14 ✓		" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area	Welded ✓
" " Second 'tween Decks, Angle, [or []	-		" " Gussets, spacing and scantling abaft 1/2 len. from stem.....	Continuous 13 ✓
" " Third " " " " " " " "	-		" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area	Continuous 13 ✓
" " from 1/2 len. for'd. to 15% len. from Stem	380 100 13/20 ✓		Tank Side Brackets, height above base line toe of Frame and thickness	2110x12.5 ✓
" " in Peaks, XXXXXX []	250 12 ✓		INNER BOTTOM PLATING.	1590x13 ✓
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	Welded ✓		Breadth and thickness of Middle Line Strake...	11 ✓
State if Frame Joggled.....	No ✓		Thickness of remainder in Holds	As approved. ✓
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	As approved ✓		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?	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	As approved ✓		BEAMS.	See Rpt.* ✓
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships in Wells, Angle, [or []	
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 []	-		Second Deck, amidships, XXXXXX []	250x90x10/15 ✓
" " " Through Plate or Inter-costal Plate	-		Spacing	800 ✓
" " " Foundation Plate on Floors	-		Third Deck, amidships, Angle, [or []	-
" " " Flat Plate Keel Angles	-		Spacing	
Side Keelsons, No. each side.....	-		Fourth Deck, amidships, Angle, [or []	-
" " thickness of Inter-costal Plate	-		Spacing	
" " Angles	-		Poop Deck, Angle, [or []	-
DOUBLE BOTTOM.			Spacing	
Solid Floors, thickness and spacing	11.5x2400 ✓		Bridge Deck, XXXXXX []	125x75x10 ✓
" " Are Frame and Reversed Frame joggled?	Welded ✓		Spacing	800 ✓
Bracket Floors, breadth and thickness at middle line	875x11 FL ✓		Forecastle Deck, XXXXXX []	200x10 Bulb Plate ✓
" " breadth and thickness at margin plate.....	1300x11 FL ✓		Spacing	610 ✓

PILLARS AND DECKS.

m/m		INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.		Any Departure from Approved Plans to be Noted.		Any Departure from Approved Plans to be Noted.	
PILLARS, No. of Rows	One	✓							
" in 'tween Decks, Size and Spacing	In accordance with approved plans	✓							
" " " " "									
" in Holds " " "									
" " " " "									
Centre Line Bulkhead. Stiffeners and Spacing	I	125x75x7	✓						
Plating, thickness of		800 apart	✓						
		7 and 8	✓						
STRINGERS AND DECKS.									
Uppermost Continuous Deck.									
Stringer Plate, XXXXX and thickness XXXXX		22	✓						
" " " " in way of XXXXX		Deckhouse	22	✓					
" Angle in XXXXX		200x200x25	✓						
Thickness of Plating abreast Deck openings		20	✓						
Thickness of Plating abreast Deck openings in way of XXXXX		17	✓						
Thickness of Plating within line of openings		9	✓						
If Sheathed, material and thickness		Unsheathed	✓						
Second Deck.									
Stringer Plate, breadth and thickness in Wells		600x12	✓						
Stringer Plate, breadth and thickness in way of Bridge									
Thickness of Plating abreast Deck openings		9 1/2 - 12	✓						
Thickness of Plating abreast Deck openings in way of Bridge		-							
Thickness of Plating within line of openings		8	✓						
If Sheathed, material and thickness		Unsheathed	✓						
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		2000x8	✓						
Plating, Sheathing, material and thickness		6 and 7	✓						
Forecastle Deck.									
Stringer Plate, breadth and thickness		9	✓						
Plating, Sheathing, material and thickness		9-13 in way of w	✓						

SHELL PLATING.

SCANTLINGS.					RIVETING.					
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.		
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.	NO. OF ROWS OF RIVETS.	RIVETS.	
	Breadth.	Thickness.	Thickness.	Thickness.					Diam.	Spacing cr. to cr.
Flat Plate Keel	1540	23	23	23		Keel/A	Welded			
" Dblg. (if any)	-	-	-	-						
Bottom Plating, No. of Strakes	A,B	18,17	20	17		A/B, B/C, C/D	Welded			
Bilge Plating, No. of Strakes	E	18	20	17		D/E 2R	22 4 dia.			
Side Plating, No. of Strakes	F,G	17	16,13	13		E/F 2R	22 4 dia.			
Upper Deck, Sheer-strake in XXXXX	1950	22	14	13		F/G, G/H, H,J, J/L	Welded		Welded	✓
Upper Deck, Sheer-strake in Bridge	-	-	-	-						
Strake below Sheer-strake in XXXXX	1950	17	14	13		L to sheer	22 4 dia.			
Strake below Sheer-strake in Bridge	-	-	-	-		Stringer	25 5 1/2 dia.			
Poop Side Plating	-	-	-	-		Angle 2R				
Bridge Side Plating	-	-	-	-		Reeled				
Forecastle Side Plating	-	-	12	-						

WATERTIGHT BULKHEADS.

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

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, XXXXX		Flat plate keel	✓	
STEM		Plate Stem.	✓	
STERN FRAME	Propeller Post	Cast Steel	(Sumitomo Metal Ind. Osaka)	
	Rudder			
Speed of Vessel		14.5 knots.		
RUDDER—Type		Balanced type	✓	
" A x D.				
" Diam. of head		300	✓	
" Mainpiece at top pintle				
" " heel				
" how constructed		Plates and angles ele		
" double or single plate coupling, vertical or horizontal		welded.		
		Double plate.		
		Horizontal.	✓	

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, XXXXX 'tween decks	7	125x75x7	685	I	-
" " XXXXX Hold	8	150x90x12	700	I	-
" " XXXXX " "	11	320x100x13	685	I	-
" " XXXXX " "	11	380x100x13	700	I	-
" " Holds	9	200x10	700	I	-
" " (in Hold)	15	230x11	700	I	-
" " " "	8	250x12	700	I	-
AFTER PEAK	13	100x75x10	580	I	-

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)	Kawasaki Steel Corporation (Open hearth).
	Has the Steel been tested as required by the Rules?	Yes ✓

EQUIPMENT No. 48,360,96

LETTER dt

ANCHORS.

Number of Certificate.	Anchors.	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.	Cwts.			
Y-12123	1st Bower	80	2	20	-	-	-	59	0	0	0	77.75	C.S. Head	Tokyo	Tokyo Steel Casting Co. Ltd.
Y-12122	2nd "	80	1	26	-	-	-	59	0	0	0	77.75	Improved Hall's	Steel	
Y-12121	3rd "	78	2	24	-	-	-	58	3	0	0	77.75	type	Casting Co. Ltd.	
	Collective weight												- do -		T. Nomura.
	Stream											233.25			

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.	
	Fathoms	Ins.	Stat.	Break.	Supplied.	Per Rule.	Cwts.	Fathoms	Ins.					Fathoms	Ins.		Fathoms	Ins.
CC-46783	303.3	2 3/16	120.5	168.7	790-2-18	717 1/2		300	2 1/16	Special Cast Steel Stud Link	Osaka Chain & Mchy. Mfg. Co. Ltd.	Osaka Chain, 30/11/57, 3,6/12/57 H. Nishizawa	TOWLINE	120	5 1/2	94.200	120	5 1/2
														(6x24) 65mm		(6x24)		
														800M dia.		27.454		
																4x100ftms		
																26.666	8"	Manila
																26.961		
																25.978		

Steering Gear, Type (Power or hand) Electric Hydraulic - 2 motors & 2 pumps Apparative Means of Steering

Steering Chains (Size and Test) Windlass Electric 1-Hand Propelled

Ceiling in Holds, thickness and material 63mm soft wood in way of hatchways Cargo Battens, thickness, material and spacing 50mm wood.

Cargo Hatchways.-(Upper Deck) Steel Pontoon covers Top & side plates 8m/m and as approved.

Hatchways No. 1 (Fwd.) 10.275Mx7.0M No. 2 14.4Mx7.0 M No. 3 10.40Mx7.0M No. 4 12.0Mx7.0M No. 5 11.20Mx7.0M No. 6

Shifting Beams } Fore and Afters

Builder's Signature

H. Shimizu
Director & General Manager, H. Shimizu
KOBE SHIPYARD & ENGINE WORKS,
MITSUBISHI HEAVY-INDUSTRIES, ORGANIZED, LIMITED.

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
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
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
ations and Secretary's letters. The scantlings and arrangements are as given in the Report
s shown amended on the "approved" and "as built" plans now forwarded. All modifications as
ions made to the original approved arrangements during construction have been indicated on
ans and have been approved as being in accordance with or by standards equivalent to the Rule
rements. The plans of midships Section and Profile and Decks showing the ship as built now
rded herewith have been checked with the approved arrangements and found in order. All
ials used in the construction have been tested as required by the Rules and found satisfactory,
ass, steering gear, hand pumps W.T. Door and bilge suction all tried under working conditions
ound satisfactory. The freeboards as assigned by the Society have been verified, cut in and
ed on ship's sides. Oil Fuel F.P. above 150°F may be carried in Nos. 3, 4, 5, 7, 8, 9 and 11
e bottom tanks, and in all other tanks in Engine Room.
steel has been used in keel, sheerstrake and upper deck as indicated on attached plan.

Fee as per Scale : ¥2,072,000.-
The amount of Entry Fee : £ : :
3 1/3% Reduction : 690,667.-
Special Survey Fee : £ : :
Actual Fee : ¥1,381,333.-
Travelling Expenses, if any : 30,000.-
Fees applied for, 19
Received by me, 19
State whether the Vessel has been built under Special Survey Yes

(Special notations, where part of class, to be stated.)

We are
~~xxxx~~ of opinion the Vessel should be Classed +100A1
Longl. Framing at Bottom and Deck.

Signature *J.R. Cheshire & H. McLean*
Surveyors to Lloyd's Register of Shipping.
J.R. Cheshire & H. McLean.

Certificate to be sent to This Office Kobe Date of issue 8/8/58

Committee's Minute FRIDAY 18 JUL 1958

Character assigned +100A1

LACPDS 4.58+LMCES
DBS
TSCK } 5.58

NOTED FOR POSTING 177

Noted for Header

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Lloyd's Register
Foundation

013075 - 013081 - 003624
013075 - 013081 - 004216

GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Ship. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

Sister Ships: M.V. "EDDA" Kobe Report No. FE-5025. ✓

M.V. "SIGLAND" " " No. FE-5036. ✓

The following approved plans already forwarded with Sister Ship "Edda" Kobe Rpt. No. FE-5025.

1. Midship Section.
2. Profile and Decks.

The following as built or certified copy of Approved plans attached herewith.

1. Midships Section.
2. Profile and Deck.
3. Shell expansion & Framing.
4. Stem.
5. Rudder.
6. Sternframe.
7. W.T. bulkheads.
8. Double bottom.
9. Bow construction.
10. Stern construction.
11. Capacity plan.
12. P.403 detail plan.

Forging and Casting Certificates

Stern Frame	M-44586
Rudder Frame	M-46103
Rudder Stock	M-47683
Rudder Pintle	M-47539
Steering Gear	M-4269

Rise of Floor - 100m/m. ✓

Circular No. 2051:- Navigational Aids - Nil.

PARTICULARS OF ELECTRIC WELDING (if employed) All welded except shell seams D/E, E/F, L to sheerstrake, stringer angle to sheerstrake and stringer plate and sundry minor items.

Welding carried out by experienced operators using approved electrodes.

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

Cruiser stern, port electric welded, E.S.D. D/E, F, W/T
Radar, Lloyd's A and C.P., longitudinal framing at bottom and deck, oil engine.

RADAR Equipment (State if fitted) Yes

State Type or Pattern No. Sperry Marine type
Marks model 2
State } Maker Tokyo Keiki
Name } and/or
of } Supplier

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

1st Bower	52 cwts. 2 qrs. 27 lbs.	D.O.	Y-12120	27/12/57
2nd "	52 " 1 " 22 ✓ "	D.O.	Y-12119	27/12/57
3rd "	51 " 1 " 24 ✓ "	D.O.	Y-12118	27/12/57

PARTICULARS FOR RECORD in the REGISTER BOOK—Length of Poop = ft., R.Q.D. = ft., Bridge = ft., Forecastle 43.95 (in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

Official No. 1247 Signal Letters 5 L U I Extreme Breadth over Belting 63.6 ✓ Over-all Length 487.2 ✓ (Circ. 1611) (Circ. 1703)

No. and Material of Decks 2 - Steel ✓
Parts of Bottom of Vessel coated with cement or approved composition Fore Peak Tank, Aft Peak Tank ✓

Particulars of composition (if fitted) and of approval Nil. ✓

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.	Water Capacity.
Double bottom, aft,	Feet.	Tons.	Fore peak tank,	Feet.	Tons.
Double bottom, under Engines and Boilers, Part FW	60.37	242.2	After peak tank,		
Double bottom, if under Engines only,	57.74	183.0	Deep tank, aft, At sides of Tunnel	34.12	204.9
Double bottom, if under Boilers only,			Deep tank, forward, At sides of Tunnel	23.62	F.W.
Double bottom, forward,	212.55	1109.3	Other tanks, if fitted, P. & S. No. 10		
Total length (if continuous) and Capacity			(If necessary furnish further information by sketch.)		

Order for Special Survey No. 883

Date 16- 7-56.

Dates of Surveys held while building

J.R.C.: 1957: Nov. 9, 11, 20, 25, 26, 27, Dec. 2, 3, 4, 5, 6, 10, 17, 19, 21, 23
1958: Jan. 14, 20, 21, 22, 23, 24, 25, Feb. 3, 4, 5, 8, 10, 11, 13, 14, 17, 18,
March 3, 6, 7, 19, 25, April 2, 12, 22, 23, 25, 30, May 2, 3, 9, 13.
H.M.: 1957: Nov. 16, 20, 30, Dec. 4, 5, 6, 24, 26, 28,
1958: Jan. 8, 11, 13, 15, 16, 17, 18, 25, 28 Feb. 10, 12, 13, 14, 22, March
April 4, 15, 21

Total No. of Visits 76

Lloyd's Register Foundation

PARTICULARS OF LONGITUDINAL FRAMING. FE-5706

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.	Rivets in Brackets to Bulkheads.	
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.		Diam.	Speng.		Number.	Diameter.
of L, C or C												
in Bridge 'tween Decks ...												
from Uppermost Continuous												
Plating No. 1												
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" 16												
Plating of (Amidships ...)												
Plating (At Ends ...)												
{ Tank Top Longitudinals	250x12	B.P.	✓									
{ Bottom " "	250x90x11/14.5	✓										
of Longitudinals { Amidships	875	✓										
{ At ends...												
Transverses.												
{ Depth and Thickness												
{ Face Angles												
{ Lugs to Shell*												
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