

## STEEL STEAMER OR MOTORSHIP.

Received at London Office

14 MAY 1956

DISCLOSED

SECTION

No. 778

18 MAY 1956

SECTION

No. 778

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

Date of completion of report 20th April, 1956 Port of KOBE

No. FE-306778

Survey held at Innoshima, Japan

Date First Survey 18th February, 1955 Last Survey 24th February, 1956

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Steel Single Screw "ALEXANDRA I", (Machinery Aft) ✓

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

State Type of Erections Poop Bridge and Focsls.

TONNAGE under 19041.70  
Tonnage Deck ...

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

Total 19041.70

Gross Tonnage 20926.20

Register Tonnage 13523.53

CLASS \*100A1  
Carrying Petroleum in Bulk" State if with freeboard as condition of Class No

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) L 646.32 ✓

Breadth (greatest moulded) B 86.61 ✓

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 45.93 ✓

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 Do. Long Bridge to top of keel = -

Brought Moulded Rise of Floor 34'-7 3/8" 4.72"

Built at Innoshima, Japan

Launched 18th October, 1955 Yard No. 3752

Builders Hitachi S.B. &amp; E. Co., Ltd., Osaka.

Owners Liberian Transocean Navigation Corporation, Ltd.

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

Residence

Port of Registry Monrovia

If surveyed while building, afloat, or in dry dock while building, afloat and in drydock ship undocked 15th January, 1956.

## REGISTERED DIMENSIONS.

FEET

Length 651.35

Breadth 87.00

Depth 46.10

## FRAMES, DOUBLE BOTTOM AND BEAMS.

	XXXX mm	Any Departure from Approved Plans to be Noted.		XXXX mm	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships (Longitudinals)	800 ✓		Bracket Floors, Frame	-	
" " from 1/2 length amidships to Collision bulkhead	680/610 ✓		" " Reversed Frame	-	
" " in peaks	610 ✓		" " Vertical Struts	-	
SIDE FRAMING.	See Rpt 1*		Centre Girder, depth and thickness amidships	1450x16.5 ✓	
Frame Amidships, Angle, [ or ]	-		" " to Inner Bottom Welded ✓		
" " Extends up to	-		" " to outer Bottom Welded ✓		
Reversed Frame Amidships, Angle	-		" " Bottom Angle	-	
" " Extends up to	-		Side Girders, No. each side and thickness	3 at 13.5 ✓	
Depth of Framing Girder	-		Margin Plate depth (excl. of flange) and thickness	Horizontal 17mm ✓	
Frames in Uppermost Continuous 'tween Decks, Angle, [ or ]	-		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	-	
" " Second 'tween Decks, Angle, [ or ]	-		" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area	-	
" " Third " " " "	-		" " Gussets, spacing and scantling abaft 1/2 len. from stem	-	
" " from 1/2 len. for'd. to 15% len. from Stem	-		" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area	-	
" " in Peaks, Angle, [ or ]	300x90x10/15.5 F.P. ✓		Tank Side Brackets, height above base line at toe of Frame and thickness	2600; 13 ✓	
Frame and Shell Plating amidships	300x90x9/13 A.P. ✓		INNER BOTTOM PLATING.	17 ✓	
State if Frame Joggled	No ✓		Breadth and thickness of Middle Line Strake	-	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	Yes ✓		Thickness of remainder in Holds	-	
Are the scantlings and arrangements in way of the Bottom Forward 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 Bunkers and Boiler Room?	Yes ✓	
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	-		Uppermost Continuous Deck, amidships in Wells, Angle, [ or ]	See Rpt. 1* ✓	
Height of Brackets at side above base line at toe of frame	-		" " in way of Bridge, Angle, [ or ]	-	
Middle Line Keelson, on Floors, Angles, [ or ]	-		Spacing	-	
" " Through Plate or Inter-costal Plate	-		Second Deck, amidships, Angle, [ or ]	-	
" " Foundation Plate on Floors	-		Spacing	-	
" " 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. in Engine Room			Poop Deck, Angle, [ or ]	250x90x9/13 ✓	
Solid Floors, thickness and spacing	13.5, 800 ✓		Spacing	800/700/610	
" " Joggled?	Welded ✓		Bridge Deck, Angle, [ or ]	200x90x8/13.5 ✓	
Bracket Floors, breadth and thickness at middle line	-		Spacing	762.5	
" " breadth and thickness at margin plate	-		Forecastle Deck, Angle, [ or ]	200x90x8/13.5 ✓	
			Spacing	680	



PILLARS AND DECKS.												
PILLARS, No. of Rows					X X X X X SHIP. mm		Any Departure from Approved Plans to be Noted.		X X X X X SHIP. mm		Any Departure from Approved Plans to be Noted.	
PILLARS, No. of Rows												
in 'tween Decks, Size and Spacing					Two Long'l. Bhds.							
					11/15mm thick ✓							
					Horizontally corrugated							
					as approved. ✓							
Centre Line Bulkhead.												
Stiffeners and Spacing												
Plating, thickness of												
STRINGERS AND DECKS.												
Uppermost Continuous Deck.												
Stringer Plate, breadth and thickness in Wells					-							
in way of Bridge					2100 x 37 ✓							
Angle in Wells					200x200x29 ✓							
Thickness of Plating abreast Deck openings in way of Wells					-							
Thickness of Plating in way of Bridge.					31 ✓							
clear of Bridge,					31 ✓							
Thickness of Plating					-							
If Sheathed, material and thickness					-							
Second Deck.					-							
Stringer Plate, breadth and thickness in Wells												
Stringer Plate, breadth and thickness in way of Bridge												
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												
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					12 - 9.5 ✓							
Plating, Sheathing, material and thickness					9.5 ✓							
Bridge Deck.												
Stringer Plate, breadth and thickness					9.5 ✓							
Plating, Sheathing, material and thickness					9.5 ✓							
Forecastle Deck.												
Stringer Plate, breadth and thickness					9.5 ✓							
Plating, Sheathing, material and thickness					9.5 ✓							

STAKES.					AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	Upper EDGES.		RIVETING.						
					AMIDSHIPS.		FORWARD.			State if forged? No.				BUTTS.				
					Breadth.	Thickness.	Thickness.	Aft.		SINGLE OR DOUBLE.	RIVETS.		No. of ROWS OF RIVETS.		RIVETS.			
											Diam.	Spacing			Diam.	Spacing		
Flat Plate Keel.....					2100	32	32	32	✓	D.R. ✓	32	128	Welded ✓					
„ Dblg. (if any)					-	-	-	-		-								
Bottom Plating, No. of Strakes .....5.....					A B C D E F G H J K L M	31	✓	20	✓	16	✓	32	128					
Bilge Plating, No. of Strakes .....2.....						31	✓	20	✓	16	✓	32	128					
Side Plating, No. of Strakes .....4.....						21	✓	15	✓	16	✓	32	128					
Upper Deck, Sheer-strake in Wells.....										15	✓							
Upper Deck, Sheer-strake in Bridge ...						2100	37	✓	20	15	✓	D.R.	Stringer Angle					
Strake below Sheer-strake in Wells .....																		
Strake below Sheer-strake in Bridge ...						21	✓	20	15	✓	D.R. ✓	25	100					
Poop Side Plating.....									(13)									
Bridge Side Plating.....																		
Forecastle Side Plating									(13)									

Total No. of W.T. BULKHEADS in Vessel—		16 ✓	Keel, <del>ex</del> Flat Plate ✓	Castings or Forging.	Seamings.	Makers' Name.	Any Departure from Approved Plans to be Noted.
Extending to Upper Deck (Sec. 3 c)		-	STEM	✓	(As per	(Hitachi,	China
„ Deck next below		-	STERN	✓	App. Dwg.	(Osaka.	
As per Rule		-	FRAME	✓	Propeller Post		

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, <del>xxx</del> Flat Plate ✓				
STEM .....	✓	(As per	(Hitachi,	Chikko
STERN FRAME ✓ Propeller Post		C.S. App. Dwg.	(Osaka.	
<del>xxxxx</del> " .....				
Speed of Vessel .....		17 knots ✓		
RUDDER—Type .....		Dyna-Flow	✓	
" <del>xxxx</del> Lxd./a .....		73.5 ✓		
✓ " Diam. of head .....		460mm ✓	Hitachi	
" Frame .....		C.S. App. Dwg.	Chikko ✓	
✓ " <del>xxxxxx</del> .....			Osaka	
✓ " " heel .....				
✓ " how constructed .....		Fabricated.	✓	
rs " double or single plate .....		Double	✓	
" coupling, vertical or .....		Horizontal	✓	
" horizontal .....				

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) Basic Open Hearth  
Yawata Iron & Steel Co., Ltd.; Hirohata Wks., Fuji Iron & Steel Co., Ltd.

Has the Steel been tested as required by the Rules? Yes ✓

EQUIPMENT No.					
Number of	Anchors.	WEIGHT EX STOCK	WEIGHT ON SHIP	LETTER	ANCHORS.

Rpt. 1\*.

FRAMING.			AMIDSHIPS.			ENDS.			Any Departure from Approved Plans to be Noted.			RIVETING.					
			In Ship.			In Ship.			Longitudinal Bhd. Stiffeners			Rivets in Longitudinal Frames.		Spacing of Rivets on each side of Transverses and Bulkheads.	Rivets in Brackets to Bulkheads.		
as indicated			Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	From Deck			Diam.	Speng.	Inches.	Number.	Diameter.	
			Ins.	Ins.	Ins.	Ins.	Ins.	Ins.				Ins.	Ins.			Inches.	
aming of <del>xxxxxx</del> Deck																	
ames in Bridge 'tween Decks ...																	
ames from Uppermost Continuous Deck																	
Nos. 1-4 <del>Nos. 1-4</del>			250	x 12	B.P.	✓			1	200	x 100	x 11	F.P.	✓			
Nos. 5-7 <del>Nos. 5-7</del>			300	x 100	x 12	F.P.	✓		2	200	x 100	x 11	F.P.	✓			
Nos. 8 & 9 <del>Nos. 8 &amp; 9</del>			330	x 100	x 12	F.P.	✓		3	200	x 100	x 11	F.P.	✓			
Nos. 10-12 <del>Nos. 10-12</del>			360	x 100	x 12	F.P.	✓		4	300	x 100	x 12	F.P.	✓			
Nos. 13 & 14 <del>Nos. 13 &amp; 14</del>			400	x 100	x 12	F.P.	✓		5	300	x 100	x 12	F.P.	✓			
No. 15 <del>No. 15</del>			400	x 100	x 14	F.P.	✓		6	300	x 100	x 12	F.P.	✓			
No. 16 <del>No. 16</del>			450	x 100	x 14	F.P.	✓		7	300	x 100	x 12	F.P.	✓			
Nos. 17-24 <del>Nos. 17-24</del>			500	x 125	x 14	F.P.	✓		8	330	x 100	x 12	F.P.	✓			
No. 25 <del>No. 25</del>			Longl.	Bhd.		✓			9	330	x 100	x 12	F.P.	✓			
Nos. 26-32 <del>Nos. 26-32</del>			500	x 125	x 14	F.P.	✓		10	430	x 100	x 12	F.P.	✓			
<del>Cr. Girder</del>																	
,, 12																	
,, 13																	
,, 14																	
,, 15																	
,, 16																	
Spacing of Longitudinal Frames			800														
Double Bottoms																	
Tank Top Longitudinals																	
Bottom																	
Spacing of Longitudinals																	
Amidships																	
At ends...																	
Transverses.																	
Side			1220	x 1 1/2"	✓					1450	x 1 1/2"	✓					
Face Angles Flat..			230	x 1"	✓					350	x 1"	✓					
Lugs to Shell*			Welded	✓						Welded	✓						
Depth and Thickness			1220	x 12	✓					1050	x 12	✓					
Face Angles			230	x 1 1/2"	✓					230	x 1 1/2"	✓					
Lugs to Shell*			Welded	✓						W							

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.

9,55 KOB

114 MAY 1956

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0063 2/3

Lloyd's Register  
Foundation



EQUIPMENT No. 871177										LETTER p1		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.				
Y-7071	1st Bower	131	3	11	-	-	-	81	-	-	129 3/4	Latest Improved	Tokyo	Tokyo, 9/9/55, T. Nomura
Y-7072	2nd "	131	2	17	-	-	-	81	-	-	129 3/4	Halls Type	Steel	Tokyo 9/9/55 "
Y-7073	3rd "	131	2	17	-	-	-	81	-	-	129 3/4		Casting Co. Ltd.	Tokyo 16/9/55 "
	Collective weight	395	-	17							389 1/4			
	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.	Stain-tory.	Break-ing.	Supplied.	Per Rule.		Length.	Diam.					Length.	Ins.	Tons.	Length.	Ins.	
CC25909	328.93	2 13/16	18675	2615	1371-1-6	1317.25	330	21 1/2	13	Special C.S. Stud Link	Osaka Chain & Mach. Mfg. Co. Ltd. Osaka Japan.	Maker, 30/9/55 3/10/55 5/10/55 6/10/55	TOWLINE HAWSERS & WARPS	140	7.9"	21.45	140	7	
														5 @		29.1	600	9	
														120	9	29.81			
																29.97			
																29.65			
Iron Stream Chain or Steel Wire																			

Steering Gear, Type (Power or hand) Electric-Hydraulic Alternative Means of Steering Hand

Chains (Size and Test) - Windlass Steam 300x350m/m Boats 1 3 Steel oar-driven 37 Pers  
" (Class B) motor 37 Pers.

in Holds, thickness and material - Cargo Battens, thickness, material and spacing -

Hatchways.—(Upper Deck) 33 Circular O.T. Hatches; ✓ Thickness of Hatches 13 m/m Steel covers

Hatchways No. 1 (Fwd.) 33 at 1219m/m No. 2 - No. 3 - No. 4 - No. 5 - No. 6 -

of Shifting Beams }  
Fore and Afters }

Builder's Signature

S. Akamatsu,  
Yard Manager  
Hitachi Shipbuilding & Engineering  
Co., Ltd., Innoshima Shipyard

**AL 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 Yes  
) 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 indicated, together with the flash point (where required to be inserted in the Notation).

Ship has been built under Special Survey in conformity with the Society's Rules and Regulations and Secretary's letters. (The scantlings and arrangements of the ship as built are as given in the report and as shown on the As Built plans now forwarded.) All modifications to the original approved arrangements made during construction have been indicated on the plans and have been approved as being in accordance with or by standards equivalent to the Rules' requirement. The plans of Midship Section and Profile and Decks showing the ship as built have been checked with approved arrangements and found on order. The weather decks clear of oil tanks have been tested and found satisfactory. All cargo tanks, peaks, D.B. tanks and deep tanks have been tested in accordance with the Rules and found satisfactory. The requirements of Section 20 of the Rules have been complied with where applicable. The windlass, main and auxiliary steering gear, bilge suction pumps have been tried under working conditions and found satisfactory. Oil fuel, when carried above 150°F is carried in wing tanks forward of engine room and in forward deep tanks. The materials and workmanship are good. The freeboards assigned by the Society have been painted, verified and cut in on the ship's sides.

Fee as per scale £5,178.600  
The amount of Entry Fee £1,726.200  
23 1/3 % Reduction  
Actual Fee £3,452.400  
Special Survey Fee £  
Travelling Expenses, if any £270.870

Fees applied for, APR 17, 1956  
Received by me, 19

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

We are of XXXX opinion the Vessel should be Classed +100A1  
"Carrying Petroleum in Bulk"

State whether the Vessel has been built under Special Survey Yes

Certificate to be sent to Kob. in Triplicate Date of issue 13/7/56

Signature GG Young & W.G. Mc Culloch  
Surveyor to Lloyd's Register of Shipping.

Committee's Minute TUESDAY 12 JUN 1956

Character assigned +100A1

Carrying Petroleum in Bulk first

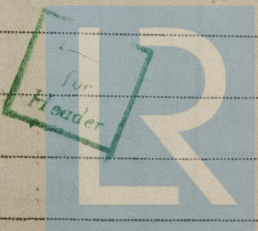
LACP

+LMC 2. 56 (With Torsional End)

2 WTB 700 lb. OF 2. 56

CL

Wit: Koh  
SRL





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.)

"As Fitted" Plans

"As Built" (Certified Copy of Approved Plant).

Midship Section

Aft Peak Construction

Profile & Decks

Fore Peak Construction

Capacity Plan

Sternframe

Rudder

P. 403

Transverse O.T. Bhds.(in C.O. tanks).

Bottom Construction in Centre Tanks.

Bottom Construction in Wing Tanks.

Shell Material Plan

Side Construction in C.D. Tanks.

Upper Deck Material Plan

Bottom Construction in Engine Room.

Sea Chest Construction in E.R. and P.R.

Side Construction in Engine Room.

Certificates

Fore Fuel Oil Tank Construction.

Stern frame, Bottom Casting. ✓

Poop Construction.

Sternframe, Mid-part. ✓

Longitudinal O.T. Bhds.(in C.O. Tanks).

Sternframe, Upper Casting. ✓

Transverse O.T. & W.T. Bhds. in E.R.

Rudder Tiller. ✓

Rudder Stock. ✓

Rudder Frame. ✓

PARTICULARS OF ELECTRIC WELDING (if employed) All welded except keel seams, bilge seams, sheer strake seam, seams of Upper deck centre strake, and inboard/outboard seam of upper deck/bottom shell strake adjacent to longitudinal bulkhead.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book  
L.A.C.P., L.F., pt.E.W., E.S.D., D.F., GC., R.D.R., Mchy  
Aft, pt. special quality steel

RADAR Equipment (State if fitted) Fitted

State Type ~~XXXXXXXXXX~~ Type 12

Decca ✓

State } Maker

Name } ~~XXXXXXXX~~

of } ~~XXXXXXXX~~

Serial No.P1991

(Display Unit)

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

1st Bower

85 cwt.

1 qur.

4 lbs. (excl pin)

T.N. Y-7068

5-9-55

2nd "

85

0

10

( " " )

T.N. Y-7069

5-9-55

3rd "

85

1

4

( " " )

T.N. Y-7070

9-9-55

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PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 125-80 ft., R.Q.D. - ft., Bridge 32.51 ft., Forecastle 92.18 ft.

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

Official No. 718

Signal Letters E.L.Y.B.

Extreme Breadth over Belting 86.99 feet.

Over-all Length 679.13 feet

No. and Material of Decks

One-Steel

Parts of Bottom of Vessel coated with cement or approved composition

In way of Nos.4 & 5 D.B. tanks (Engine Room) and Peak Tanks. ✓

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.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	-	-	Fore peak tank,	41.02	614.46
Double bottom, under Engines and Boilers,	-	-	After peak tank,	24.0	186.46
Double bottom, if under Engines only,	89.2	-	<del>Deep tank, aft,</del> No.1 F.O. Tank P.& S	24.93	889.20
Double bottom, if under Boilers only,	-	-	<del>Deep tank, forward,</del> No.2 F.O. Tank P.& S	20.07	840.62
Double bottom, forward,	-	-	Other tanks, if fitted,		
Total length (if continuous) and Capacity	89.2	-	(If necessary furnish further information by sketch.)		

Order for Special Survey No.

Date

Dates of Surveys held while building

WNGMc.C.: June, 1955:6,10,17,24; July, 1,8,15,26, Aug.,2,8,9, Sept.,26,27,28, Oct.,4,5,6,12,17,18,20,28, Nov.,4,10,17, Dec.,1,2,16,29,30. Jan.,1956: 10,11,12,23,26,30, Feb.,8,9,13,24. GG.Y: May, 1955: 31, June, 1, July, 8, Aug., 16, Sept., 12. RI: May, 1955: 13, Oct., 31. ET: August, 1955: 30. KU: Sept.,1955: 23,24,30, Oct.,1,7,8,14,15,23, Dec., 24 Jan.,1956: 14.

Total No. of Visits

59