

Rpt. 1

Port KOBE

DISCLOSED

SECTION

No. 1047

No. FE-11838

Date of completing report 25th Sept., 1963

When handed in at Local Office 2nd Oct., 1963

Received London

5 DEC 1963

Survey held at Aioi, Japan.

First Visit 14th Jan., 1963

Last Visit 24th Sept., 1963

No. of Visits 83

DISCLOSED

SECTION

No. 1047

FIRST ENTRY SHIP REPORT

ON THE SS/MS "LOZOVAYA"

F.E. FROM ARCTS.	6/1/64
F.E. FROM ADMIN/F	7/1/64
PLANS	12/11/63
CERTS. RECD.	12/11/63
TO RPTIS. DEPT.	10/1/63

Has Report been sent on (1) Freeboard of Ship? Yes ✓

(2) Machinery? Yes ✓

(Rpt. C11 & Rpt. C11 (Comp.) are to be forwarded in advance when freeboards are assigned by the Society. In cases where freeboards are assigned by another Authority or when ships are exempt from Load Lines, Rpt. C11 only need be forwarded).

Type of Ship Oil Tanker

Is machinery fitted aft? Yes ✓

Length (D 201 of Rules)* 639'-9" ✓

Built at Aioi, Japan.

Breadth (D 202 of Rules) 88'-7" ✓

Launched 17th May, 1963.

Yard No. 615

Depth (D 203 of Rules) 47'-2 15/16" ✓

Builders Ishikawajima-Harima Heavy Ind. Co., Ltd.,

Draught (summer moulded) (D 204 of Rules) 35'-0 1/2" ✓

Aioi Works, Aioi

Deck Factor "F" excluding d_t

Owners Vseso Juznoje Exportno-Importnoje Objediueniye

" " "F" including d_t

Address Smolenskaja Pl., 32/34 Moscow U.S.S.R.

Gross tonnage 23,138.63

Managers -

Net tonnage 14,589.47

Address -

Official number 983

Port of Registry Odessa

Signal letters U B M V

Date of last survey in drydock 27th August, 1963.

GENERAL DECLARATION

Has the ship been built under Special Survey in conformity with the Society's Rules and Regulations and Secretary's letters? Yes ✓

Have the scantlings and arrangements of the ship as built been checked by you and found to be in accordance with the approved plans or with equivalent arrangements? Yes ✓

Have any modifications and/or additions to the original approved arrangements made during construction, been indicated in ink of a distinctive colour other than red on the approved plans now forwarded, and approved locally as being in accordance with or by standards equivalent to Rule requirements? -

If separate plans of midship section and profile and decks showing the ship as built are forwarded, have they been checked with the approved arrangements and found in order? Yes ✓

Are the materials and workmanship satisfactory? Yes ✓

Have the freeboards been satisfactorily marked on the ship's sides and verified? Yes ✓

BUILDER'S DECLARATION : To the best of my knowledge the ship has been built in conformity with the Rules, Regulations and requirements of Lloyd's Register of Shipping.

S. Minami

Builder's Signature

S. Minami

General Superintendent of Aioi No. 1 Works
Ishikawajima-Harima Heavy Industries Co., Ltd.

FEES, etc.

Special Survey fee ¥ 5,318,400.-

Travelling expenses -

Late attendance fees -

Fees applied for Received

Classification Certificate to be sent to Kobe

Date of issue 6 FEB 1964

Has an Interim Certificate been issued? Yes

This Ship in my opinion is eligible to be classed:—
(Special notations where part of class to be stated)

+100A1 Oil Tanker

Longitudinal Framing

"Ice Class 3"

Signature

H. McLean & A.S. Scott

Surveyor to Lloyd's Register of Shipping

H. McLean & A.S. Scott

Committee's Minute

FRIDAY 24 JAN 1964

Character Assigned

+100A1 Oil Tanker

DS. 8-63 Ice class 3.

LACP.

+LMCES

ABS

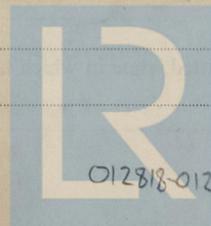
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NOTED FOR POSTING 377



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Lloyd's Register Foundation

012818-012826-0063 1/2

STEEL

Manufacturer's Name and/or Trade Mark of the steel used in the construction of the ship:—

Plates:— Muroran Plant, The Japan Steel Works, Ltd.
Kawasaki Steel Corporation, Chiba Works.

Sections:— Fuji Iron & Steel Co., Ltd., Hirohata Works.
The Yawata Iron & Steel Company Ltd.

Has the steel been manufactured at works recognised by the Committee and tested in accordance with the Rules? Yes

Process of manufacture (e.g. Open hearth, electric furnace, etc.) Open Hearth.

Particulars of Special Quality Steel used Grade D steel fitted in the following position.
(Advice notes to be forwarded separately with plan showing disposition of these plates)
Upper deck stringer and deck plating from within poop to the 0.5L forward keel bottom shell to upper turn of bilge for .5L amidships.

Sheerstrake from fr. 45 to 97, Fabricated portion of sternframe, engine seats. (Plan and Mill Sheet list forward)

ELECTRIC WELDING

Parts of main structural importance electrically welded All except sheerstrake, stringer angle, bilge strake, seam of upper deck and bottom shell plating adjacent to longitudinal bulkhead.

Parts examined by radiography Bottom and side shell plating and upper deck plating.

Total 200 Radiographs.

Were the electrodes used of types approved by the Committee? Yes

FORGINGS, CASTINGS AND FABRICATED PARTS

ITEM	FORGING, CASTING OR FABRICATED (Certificates to be forwarded)	MAKER'S NAME
Stem bar		
Shaft brackets		
Sternframe & Boss	Casting	Kobe Steel Works, Takasago Plant, Takasago. <input checked="" type="checkbox"/>
Rudder mainpiece or post	Casting	do. <input checked="" type="checkbox"/>
Rudder head	Forging	do. <input checked="" type="checkbox"/>
Quadrant		
Tiller	Forging	Messrs. Donkin & Co., Ltd., Newcastle-upon-Tyne. <input checked="" type="checkbox"/>

GENERAL PARTICULARS

Steering gear (Type & Maker) Electric Hydraulic Donkin & Co., Ltd., Newcastle Auxiliary steering gear Twin electric motors & pumps

Steering chains (Size & test) — Windlass (Type & Maker) Steam, Messrs. Tokyo Kikai Co., Tokyo

Ceiling in holds (Material & thickness) No Are cargo battens fitted in holds? No in 'tween decks? —

Parts of bottom plating on which cement or an approved composition is laid (if fitted):— Aft Peak — Cement

Particulars of composition (if any):— None

Insulated cargo compartments (if any):— None

Parts of structure of material other than steel (if any):— None

If mechanical ventilation is fitted, state in which cargo spaces:— None fitted

If cathodic protection is fitted, state in which tanks:— None fitted.

EQUIPMENT

Number 8230.65 M²

Letter qt

ANCHORS

Certificate No.	Anchor	Weight of Anchor	Weight of Stock (if any)	Test per Certificate	Rule weight	Description of Anchor	Where and when tested
Y-19718	Bower (1)	135 1 5	—	81T 0 0	134.3.0	Latest Improved	Tokyo Steel Casting
Y-19717	" (2)	135 0 10	—	81T 0 0	134.3.0	Halls type C.	Co., Ltd., Proving
Y-19719	" (3)	135 0 10	—	81T 0 0	134.3.0	Head Shank	House (1-3-63)
	Coll. wt.	405 1 25			404.1.0	Shackle & F.S.	
	Stream					Pin.	

CHAIN CABLES

Number of Certificate	Supplied		Test per Certificate		Weight of Chain Cable		Rule		Description and Material	Makers of Cable	Where and when tested
	Length	Dia.	Stat.	Bkg.	Supplied	Rule	Length	Dia.			
CG-88623	612.4	73	195.500	273.900	75,580	69,981	605	73	Electrically Welded Special Steel Stud Link	Komatsu Mfg. Co., Ltd., Osaka Plant	Komatsu Plant Proving House 23.4.63
Included	29 Kenter Shackles										
	4 Anchor Shackles										
	1 Buoy Shackles										
	2 Swivel Lengths										
Stream wire or chain	circ. circ.										

Are joining shackles of the lugless type fitted? Yes

TOWLINE AND MOORING ROPES

CAST STEEL ANCHOR HEAD DROP TEST

Item	Supplied		Breaking Test	Rule		Maker's Name	Certificate number	Weight (to include pins, etc.) cwt or lbs	Surveyors' Initials	Date of Test
	Length	Circ.		Length	Circ.					
Towline	500	56	147.22	255	56mm	Bower (1) Tokyo Steel Casting Co.	19715	S 41.0.25	MS	16.2.63
	20 at 227	189mm	68,000	60	189mm	" (2) do.	19714	S 41.1.19	MS	16.2.63
	20 at 227	189mm	75,000	220	189mm	" (3) do.	19716	S 41.0.14	MS	16.2.63
Mooring Ropes	Stream									
	See Note letter dated 8/2/64									

PARTICULARS FOR REGISTER BOOK (feet & inches)

Moulded length (see Key to Register Book) 639'-9" Moulded breadth 88'-7" Moulded depth 47'-2 15/16"

Number and material of decks 1 Steel Deck

Length of Poop 142'-2 3/4" R.Q.D. — Bridge — Fo'cle 75'-7" 81' Trunk —

Overall length 679'-3" Extreme breadth 88'-10 5/8" Rise of floor 2 3/8"

Is ship of O.S.D. Type? No Is ship of C.S.D. Type? No Is duct keel fitted? No

Is longitudinal framing fitted? (state where) Yes, Bottom & Side Shell, upper deck, longitudinal bulkheads in cargo tanks.

Is strengthening for navigation in ice fitted? (state class) Yes, Ice Class 3.

Is additional strengthening for heavy cargoes fitted? No

Is the ship (if not a motorship) fitted for the carriage and burning of oil as fuel? — motorship

Is the ship (if not an oil tanker) fitted for carrying oil as cargo? — and if so state where, together with the flash point where required to be inserted in the notation:—

Watertight and/or Oiltight Bulkheads (state number required by Rules) (As approved)

Bulkheads in ship extending to Upper deck on frame numbers:— 14, 16, 57, 62, 63, 65, 69, 73, 77, 81, 89, 89. Total = 17 for RB.

Bulkheads in ship extending to deck below upper deck on frame numbers:— 93, 97, 101, 105, 106, 108, 113 Total = —

Is E.S.D. fitted? Yes Is Radar fitted? Yes Is Position Fixing Device fitted? Yes

Is D.F. fitted? Yes Is Gyro Compass fitted? Yes Is Submarine Signalling apparatus fitted? —



CAPACITIES OF TANKS (35 c.f. per ton) (Capacity Plan to be forwarded)

(O.F. or F.W. ONLY to be inserted against tanks used exclusively for oil fuel or fresh water)

Double bottom tanks:—	No. 1	-	No. 2	-	No. 3	-	No. 4	-	No. 5	O.F. ✓	No. 6	O.F. ✓
	No. 7	O.F. ✓	No. 8	O.F. ✓	No. 9	O.F. ✓	No. 10	-	No. 11	-	No. 12	-
Fore peak tank	942 tons	✓	After peak tank	F.W.	✓	Midship deep tank	-					
Deep tank aft	FW & OF	✓	Deep tank fwd.	O.F.	✓	Topside tanks	-					
Tanks at sides of tunnel	-		Tanks in way of tunnel	-		Deck tanks	-					
Side tanks	-		Wing tanks	-		Other tanks	None					
If ship is an oil tanker state the numbers of main cargo tanks used exclusively for water ballast (if any) with capacities:—												None

GENERAL REMARKS

Names and yard numbers of sister or similar ships to be stated below. Numbered list of "Approved" and "As Built" plans to be given below or furnished separately (Port, Report Number, Builders' Name and Yard Number, Name of Ship and title of plan in English to be stated on outside of all plans folded to a maximum size of 11" x 9". List of forging, casting or equivalent fabricated parts, certificates to be given below with Certificate number, Port and Date.)

Sister Ships "LISICHANSK", "LENKORAN", "LJUBOTIN", "LIVNY".

The following as built plans forwarded.

1. Midships Section. ✓
2. Construction Profile & Deck. ✓
3. Rudder. ✓
4. Sternframe. ✓
5. Shell Expansion. ✓
6. Bulkheads. ✓
7. Bow Construction. ✓
8. Stern Construction. ✓
9. Double bottom in Engine Room. ✓
10. Capacity plan. ✓

The following approved plans forwarded with the FE of "LENKORAN" & "LJUBOTIN".

1. Construction Profile & Deck. ✓
2. Midships Section. ✓
3. Rudder. ✓
4. Sternframe ✓
5. Shell Expansion. ✓
6. Bulkheads. ✓
7. Bow Construction. ✓
8. Stern Construction. ✓
9. Double Bottom in Engine Room. ✓
10. Equipment. ✓

List of Forging, Casting, etc. Certificates attached.

<u>Certificate</u>	<u>Number</u>	<u>Port</u>	<u>Date</u>
Sternframe (Upper, Lower & Boss)	M-84943 ✓	Kobe	14th January, 1963.
Rudder (Upper Frame Lower Frame)	M-85217 ✓	Kobe	23rd January, 1963.
Rudder Stock	M-87224 ✓	Kobe	8th March, 1963.
Steering Gear & Tiller	G-77617 ✓	Newcastle-upon-Tyne	25th Feb., 1963
Windlass	M-9222 ✓	Yokohama	15th March, 1963

SPECIAL FEATURES

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flywheel shaft: