

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             | 12/1/63 |
| CERTS. RECD.      | 12/1/63 |
| 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<sub>t</sub>

Owners Vsesojuznoje Exportno-Importnoje Objedinenije

"F" including d<sub>t</sub>

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

FEES, etc.

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

Special Survey fee

5,318,400.-

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

Travelling expenses

-

+100A1 Oil Tanker

Late attendance fees

-

Longitudinal Framing

Fees applied for

Received

"Ice Class 3"

Classification Certificate to be sent to

Kobe

Date of issue

6 FEB 1964

Has an Interim Certificate been issued?

Yes

Signature

H. McLean & A.S. Scott

Surveyor (S) 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

White Robt (H) (H) Rm

ABS

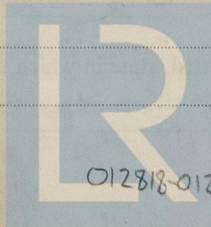
TS(CN)

SPS

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NOTED FOR POSTING 377



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

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 ☒

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

|  |                               |                                    |                                       |
|--|-------------------------------|------------------------------------|---------------------------------------|
| GENERAL PARTICULARS  |                               | Electric Hydraulic                 |                                       |
| Steering gear (Type & Maker)   | 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.

Number 8230.65 M<sup>2</sup> Letter qt ✓

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

If Patent, state Pendency

| 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. |   |                                     |                                     |
|                       | metres   | m/m. | kgs.                 | kgs.    | kilogs.               | kilogs. | metres | m/m. |   |                                     |                                     |
| GC-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<br>4 Anchor Shackles<br>1 Buoy Shackles<br>2 Swivel Lengths<br>Stream wire or chain |      |                      |         |                       |         |        |      |   |                                     |                                     |

Are joining shackles of the lugless type fitted? Yes

### CAST STEEL ANCHOR HEAD DROP TEST

| Item    | Supplied                       |                           | Breaking<br>Test                      | Rule                                |                                 | Maker's Name                      | Certificate<br>number | Weight<br>(to include pins, etc.)<br>cwt or lbs | Surveyors' Initials | Date of Test |
|---------|--------------------------------|---------------------------|---------------------------------------|-------------------------------------|---------------------------------|-----------------------------------|-----------------------|---|---------------------|--------------|
|         | Length                         | Circ.                     |                                       | Length                              | Circ.                           |                                   |                       |   |                     |              |
|         | <del>20000</del><br>100 metres | <del>100</del><br>in m/m. | <del>10000</del><br>Tons or<br>Kilops | <del>100</del><br>Feet or<br>metres | <del>100</del><br>in or<br>m/m. | Bower (1) Tokyo Steel Casting Co. | 19715 S               | 41.0.25   | MS                  | 16.2.63      |
|         |                                |                           |                                       |                                     |                                 | " (2) do.                         | 19714 S               | 41.1.19   | MS                  | 16.2.63      |
| Towline | 500                            | 56                        | 147.22                                | 255                                 | 56mm                            | " (3) do.                         | 19716 S               | 41.0.14   | MS                  | 16.2.63      |
| Mooring | 20 at<br>227                   | 189mm                     | 75,000                                | 220                                 | 189mm                           | Stream                            |                       |   |                     |              |
| Ropes   |                                |                           | K.T.                                  |                                     |                                 |                                   |                       |   |                     |              |
|         |                                |                           |                                       |                                     |                                 |                                   | See Note              | Letter dated 8/2/64                             |                     |              |

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, 93, 97, 101, 105, 106, 108, 113 Total = 17 11 for R.B.

Bulkheads in ship extending to deck below upper deck on frame numbers: - 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" &amp; "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.

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

## SPECIAL FEATURES



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Diameter of fly

wheel shaft: