

DISCLOSED

SECTION

Rpt. 1

-2 JAN. 1961

DISCLOSED

SECTION

Port Kobe

No. F.E. 7105

Date of completing report 18th November, 1960 When handed in at Local Office

DEC 16 1960

Received London

Aioi, Japan.

First Visit 23rd June, 1959.

Last Visit 14th November, 1960

No. of Visits 119

F.E. FROM ACCTS.	23/1
F.E. FROM ADMIN/F	25/1
PLANS REC'D.	30/1
CERTS. REC'D.	
TO RPIS. DEPT.	15/2

## FIRST ENTRY SHIP REPORT

ON THE SS/MS

"M I R"

J.R.W. - 103  
F.A.M. - 2  
S. M. - 2  
S. B. - 1  
T.R.O. - 10  
T.C.M. - 1

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 Tanker - 35.56' measured above top of keel.

Is machinery fitted aft?

Yes. ✓

Length (D 201 of Rules)\*

669.29' ✓

Built at

Aioi, Japan.

Breadth (D 202 of Rules)

92.52' ✓

Launched

20th November, 1959

Yard No.

529

Depth (D 203 of Rules)

47.91' ✓

Builders

Harima Shipbuilding &amp; Engineering Co., Ltd.

Draught (summer moulded) (D 204 of Rules)

35.585'

Deck Factor "F" excluding d<sub>t</sub>

-

Owners

Vsesojuznoje Exportno - Importnoje Objedinenije

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

-

Address

Moscow 200, Smolenskaja Pl 32/34,  
Moscow, U.S.S.R.

"Sudoimport"

Gross tonnage

25037.50

Managers

---

Net tonnage

16304.96

Address

---

Official number

801

Port of Registry

Odessa

Signal letters

U Y H B

Date of last survey in drydock

28th October, 1960.

## 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?

Yes. ✓

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*  
THE HARIMA SHIPBUILDING & ENGINEERING CO., LTD.

Builder's Signature

5292 Aioi, Aioi-shi, Hyogo-ken, Japan.

FEES, etc.

Special Survey fee ¥5,364,800.-

Travelling expenses /

Late attendance fees /

Fees applied for

Received

Classification Certificate to be sent to

Kobe.

Date of issue

10. 4. 61.

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

Signature

*S. Boman*  
J.R. Wilson, S. Boman, S. Matsumoto, T.R. Owen,  
T.C. Marshall for F.A. Macfarlane and selves.

Surveyor(s) to Lloyd's Register of Shipping

J.R. Wilson, S. Boman, S. Matsumoto, T.R. Owen,  
T.C. Marshall for F.A. Macfarlane and selves.

Committee's Minute

FRIDAY 24 MAR 1961

Character Assigned

+100 A1

Oil Tanker

LACP

DS 10 60

+LMC

ES

MBS

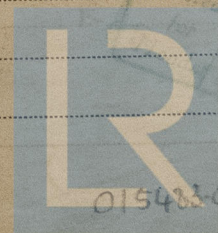
SGS

SPS

DF

TS GA

KOB 6,59



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Foundation



STEEL

Manufacturer's Name and/or Trade Mark of the steel used in the construction of the ship:—  
 Plates:— Fuji Iron & Steel Co., Ltd. (Hirohata); Kawasaki Steel Corporation (Fukiai); Amagasaki Steel Works, Ltd.;  
 Japan Steel Works Ltd. (Muroran); Nippon Kokan Kabushiki Kaisha (Tsurumi); Yawata Iron & Steel Manufacturing  
 Co.  
 Sections:— Nippon Kokan Kabushiki Kaisha (Tsurumi); Yawata Iron & Steel Manufacturing Co., 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 P.5.  
 (Advice notes to be forwarded separately with plan showing disposition of these plates)  
 The following parts are of steel conforming to the requirements of P.5 of the Rules:—  
 Keel, bottom and bilge shell plating and lowest strake of the longitudinal bulkhead plating for .5L amidships.  
 Sheerstrake and strake below and upper deck stringer and deck plating from within poop to the .5L forward.  
 Fabricated sternframe, sterntube and main engine seat.

ELECTRIC WELDING  
 Parts of main structural importance electrically welded All parts electrically welded except inboard seam of bottom shell plate  
 in way of longitudinal bulkhead, seams of lower & upper bilge strakes, sheerstrake, upper deck stringer, inboard seam  
 of upper deck plate in way of longitudinal bulkhead, upper deck stringer angle connection to sheerstrake and deck,  
 and minor fittings (Riveted).  
 Parts examined by radiography Seams & butts and erection cross joints of keel, bottom and side shell and upper deck  
 plating within .5L amidships, fabricated sternframe and connection of sternframe to Shell plating.

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	Rolled Plate.	
Shaft brackets	None.	
Sternframe Upper, centre & Bottom pieces	Castings	Kobe Steel Works, Ltd., Takasago { Sternframe fabricated by Harima S.&E. Co., Ltd., Aioi
Rudder Upper frame Lower frame	Castings	Kobe Steel Works, Ltd., Takasago { Rudder fabricated by Harima S. & E. Co., Ltd., Aioi
Rudder head	Forging	Kobe Steel Works, Ltd., Takasago. ✓
Intermediate bearing	Castings	Harima Shipbuilding & Engineering Co., Ltd. ✓
Rudder pintles (2)	Forgings	Harima Shipbuilding & Engineering Co., Ltd. ✓
Tiller	Forging	Okamoto Iron Works Co., Ltd. ✓

GENERAL PARTICULARS  
 Steering gear (Type & Maker) Electro-Hydraulic (Kawasaki "Heleshaw") ✓ Auxiliary steering gear 2 pumps and motors. ✓  
 Steering chains (Size & test) Telemotor. Windlass (Type & Maker) Steam (Fujioka Iron Works, Ltd.) ✓  
 Ceiling in holds (Material & thickness) None. Are cargo battens fitted in holds? None. in 'tween decks? None.  
 Parts of bottom plating on which cement or an approved composition is laid (if fitted):— Cement in Fore & Aft Peak Tanks only.  
 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.  
 If cathodic protection is fitted, state in which tanks:— Not fitted.



Letter "s + "✓

## ANCHORS

[illegible]

## CHAIN CABLES

[illegible]

Are joining shackles of the lugless type fitted? Yes. ("Kenter")

## 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.)	Surveyors' Initials	Date of Test
	Length	Circ.		Length	Circ.					
	Fathoms <del>600</del>	Ins. <del>70</del>	Tons or lbs. <del>9000</del>	Fathoms <del>600</del>	Ins. <del>70</del>	Bower (1) Komatsu Mfg. Co., Ltd.	A60597	c. q. 1. 98. 0. 15 ✓	M.S.	14.10.59
	<del>600</del>	<del>70</del>	<del>9000</del>	<del>600</del>	<del>70</del>	" (2) " " " "	A60596	97. 3. 2 ✓	M.S.	14.10.59
Towline	✓ 150	✓ 7½	✓ 171.1	✓ 150	✓ 7½ (637)	" (3) " " " "	A60598	97. 3. 2 ✓	M.S.	14.10.59
Mooring	6 @ 120	9	35,500 to 35,800 (K'gs)	6 @ 120	9 ✓	Stream	---			
Ropes	✓	✓	✓	✓	✓					

**PARTICULARS FOR REGISTER BOOK (feet & inches)**

Moulded length (see Key to Register Book) 669'-3½" ✓ Moulded breadth 92'-6¼" ✓ Moulded depth 47'-11" ✓

Number and material of decks One - Steel ✓

Length of Poop 134'-10" ✓ R.Q.D. - Bridge 34'-5 1/2" ✓ Fo'cle 80'-6 3/4" ✓ Trunk -

Overall length 702'-2" ✓ Extreme breadth 92'-11 1/4" ✓ Rise of floor 6" (150 m/m) ✓

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 and Deck. ✓

Is strengthening for navigation in ice fitted? (state class) No. ☒

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? Yes. ✓

Is the ship (if not an oil tanker) fitted for carrying oil as cargo? Oil Tanker ✓ 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) 16  
 14, 57/55, 60, 64, 68, 72, 76, 80, 84, 88,  
 Bulkheads in ship extending to Upper deck on frame numbers: — 92, 96, 100, 104, 105/8, 115, 125. Total = 17

Bulkheads in ship extending to deck below upper deck on frame numbers :—

Is E.S.D. fitted? Yes. Is Radar fitted? Yes. Is Position Fixing Device fitted? No.

Is D.F. fitted? Yes. Is Gyro Compass fitted? Yes. Is Submarine Signalling apparatus fitted? No.



## 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 <sup>Feed W. only</sup> (Frs. 36-56) No. 2 <sup>Feed W. only</sup> (Frs. 41-56) No. 3 <sup>F.W. only</sup> (Frs. 14-36) No. 4 <sup>F.W. only</sup> (Frs. 14-36) No. 5 — No. 6 —  
(In Machy. Space.) No. 7 — No. 8 — No. 9 — No. 10 — No. 11 — No. 12 —

Fore peak tank 785t After peak tank 65t Midship deep tank —  
Deep tank aft (Nos. 5 & 6) O.F. only. ✓ Deep tank fwd. (Nos. 1, 2, 3 & 4) O.F. only. ✓ Tween Deck ~~Topside tanks~~ Aft. (Frs. 6-14 S) F.W. only. ✓  
Settling tanks aft (Nos. 1 & 2) O.F. only. ✓ Tanks in way of tunnel — Deck tanks —  
Side tanks — Wing tanks — Other tanks (Frs. 0-14) F.W. only ✓

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 Vessels - None.

## Approved Plans

1. Midship section ✓
2. Construction profile & decks. ✓
3. Calculation & list of equipments. ✓
4. Shell expansion. ✓
5. Sea chest in machinery space. ✓
6. Sea chest & doubler for sea suction in main & aux. pump rooms. ✓
7. Compensation of shell plate for sea valves. ✓
8. Upper deck - Frs. 14-55 ✓
9. Upper deck - Frs. 55-105 ✓
10. Upper deck - Frs. 104-125 ✓
11. Longitudinal O.T. bulkheads. ✓
12. Bulkhead plan in aft & fwd. fuel oil tanks. ✓
13. Ford. fuel oil tank. ✓
14. Aft fuel oil tank & main pump room. ✓
15. Pillar, girder, web frs. & side stringer at F. & A. ends. ✓
16. Pillar & girder (Bridge deck - Com. bridge) ✓
17. Sternframe. ✓
18. Rudder. ✓

## Approved Plans

19. Rudder stock bearing. ✓
20. Rudder carrier. ✓
21. Double bottom plan. ✓
22. Main engine seat. ✓
23. Stem. ✓
24. Bow construction. ✓
25. Stern construction. ✓
26. Superstructure scantling plan. ✓
27. Permanent walkway. ✓

## "As Built" Plans

28. Midship section. ✓
29. Construction profile and decks. ✓
30. Particulars of special quality steel. (2 sheets) ✓

## Certificates

- |  |   |         |   |      |   |           |   |
|--|---|---------|---|------|---|-----------|---|
| Sternframe - Upper, centre & bottom castings | - | M.57624 | - | Kobe | - | 11. 5.59. | ✓ |
| Rudder - Upper casting                       | - | M.60831 | - | Kobe | - | 17.11.59. | ✓ |
| - Lower casting                              | - | M.59532 | - | Kobe | - | 26. 8.59. | ✓ |
| Rudder stock                                 | - | M.59534 | - | Kobe | - | 26. 8.59. | ✓ |
| " " intermediate bearing                     | - | M.60752 | - | Kobe | - | 11.11.59. | ✓ |
| " " carrier bearing                          | - | M.60751 | - | Kobe | - | 11.11.59. | ✓ |
| Rudder pintles (2)                           | - | M.60832 | - | Kobe | - | 17.11.59. | ✓ |
| Steering gear                                | - | M.60511 | - | Kobe | - | 28.10.59. | ✓ |
| " " - Tiller                                 | - | M.49008 | - | Kobe | - | 29. 3.58. | ✓ |

## SPECIAL FEATURES



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