

S/R

DISCLOSED SECTION

No. 946

14 DEC 1959 No. 3040

Port YOKOHAMA

No. 3040

F.E. FROM ACCTS.	21/12
F.E. FROM Rpt. #1	31/12
PLANS R. D.	21/12
CERTS. REC'D.	31/12
TO RPTIS. DEBT.	4/1

DISCLOSED SECTION No. 946

9th November, 1959

When handed in at Local Office 19th November, 1959

Received London

First Visit 9th January, 1959

Last Visit 1st October, 1959

No. of Visits 62

# FIRST ENTRY SHIP REPORT

ON THE SS/MS "KOWA MARU"

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 <input checked="" type="checkbox"/>
Length (D 201 of Rules)*	640' - 0" <input checked="" type="checkbox"/>	Built at	Yokohama, Japan
Breadth (D 202 of Rules)	90' - 0" <input checked="" type="checkbox"/>	Launched	20th June, 1959 Yard No. 760
Depth (D 203 of Rules)	46' - 0" <input checked="" type="checkbox"/>	Builders	Tsurumi Shipyard, N.K.K.
Draught (summer moulded) (D 204 of Rules)	34.60'	Owners	Taiheiyo Kaiun K.K.
Deck Factor "F" excluding d <sub>1</sub>	-	Address	Tokyo, Chiyodaku, Marunouchi, 2-1, Tokyo
" " "F" including d <sub>1</sub>	-	Managers	-
Gross tonnage	21,973.63	Address	-
Net tonnage	13,023.14	Port of Registry	Tokyo, Japan
Official number	82924	Date of last survey in drydock	20th September, 1959
Signal letters	J.F.S.O.		

### 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 - (3505 m/ms assigned by N.K.K.)

**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.

*H. Asanuma* Builder's Signature  
 TSURUMI SHIPYARD  
 NIPPON KOKAN KABUSHIKI KAISHA  
 1, 2-CHOME, SUEHIRO-CHO, TSURUMI-KU, YOKOHAMA, JAPAN

FEES, etc.

Special Survey fee	Hull FIRST ENTRY	¥ 4,193,140.-
Travelling expenses		¥ 15,000.-
Late attendance fees		
Fees applied for	DEC. 7. 1959	Received
Classification Certificate to be sent to	Yokohama	
Date of issue	23.2.60	
Has an Interim Certificate been issued?	Yes F.E. 164	

This Ship in my opinion is eligible to be classed:—  100 A1  
 (Special notations where part of class to be stated)  
 Oil Tanker, "Longitudinal Framing"  
 "Part. Electrically Welded"  
 For T.C. Marshall & Selves.  
*L. Shieps* Signature  
 Surveyor(s) to Lloyd's Register of Shipping

Committee's Minute / FRIDAY 29 JAN 1960  
 Character Assigned / +100 A1  
 oil Tanker  
 DS 9.59  
 LACP  
 HMC  
 ES } 10.59  
 ABS }  
 TSCU }  
 K. S. Tegea



The Surveyors are requested not to write on or below the Committee's Minutes

**STEEL**

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

Plates:— Japan Steel Works, Ltd., Muroran Works, Muroran, Japan  
Nippon Kokan Kabushiki Kaisha, Tsurumi Iron Works, Tsurumi, Yokohama, Japan.

Sections:— Nippon Kokan Kabushiki Kaisha, Kawasaki Iron Works, Kawasaki, Japan.

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.)  
42mm Plates at shell ..... Electric furnace process   
Except above ..... Open hearth process

Particulars of Special Quality Steel used  
(Advice notes to be forwarded separately with plan showing disposition of these plates)

42mm sheerstrakes at poop break ..... P. 5 steel and Normalised  
31mm keel., 30.5mm. bottom & bilge shell, ) in .5 L X  
30.5mm stringer & deck pl., 35mm sheerstrake } P.403 steel of the 1956 Rules  
34 & 30.5 mm deck pl., 37mm stringer & deck pl. } at poop break

**ELECTRIC WELDING**

Parts of main structural importance electrically welded All main hull structure electrically welded except the following which is rivetted. Seams within 3/4L amidships stringer angle, outboard seam of upper Deck stringer plate, sheerstrake, upper & lower tween of bilge, one seam of bottom shell at outside of L.BHD, one seam of deck pl. at inner side of L.

Parts examined by radiography

Welded seam and butt cross points and at butt joints of shell and upper deck at 3/4 L. X. Number of examined parts { bottom shell - 102, side " - 36, upper deck - 130

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	Mild Steel Plate, fabricated	N.K.K., Tsurumi Iron Works
Shaft brackets	-	-
Sternframe	Steel Casting	Amagasaki Steel Works, Ltd., Amagasaki, Japan <input checked="" type="checkbox"/>
Rudder mainpiece or post	Steel Casting	Nippon Casting Co., Ltd., Kawasaki, Japan <input checked="" type="checkbox"/>
Rudder head	Steel Forging	Japan Steel Works, Ltd., Muroran Works <input checked="" type="checkbox"/>
Quadrant	-	-
Tiller	Steel Forging	Nagasaki Shipyard, Mitsubishi Zosen Co., Ltd., Nagasaki, Japan. <input checked="" type="checkbox"/>

**GENERAL PARTICULARS**

Steering gear (Type & Maker) Rapson Slide Type with Janney Pump  Nagasaki Shipyard Auxiliary steering gear Hand Pump (plunger type)

Steering chains (Size & test) None Windlass (Type & Maker) Steam driven, Fukushima Seisakusho

Ceiling in holds (Material & thickness) None  Are cargo battens fitted in holds? No  in 'tween decks? No

Parts of bottom plating on which cement or an approved composition is laid (if fitted):— None

Particulars of composition (if any):— None

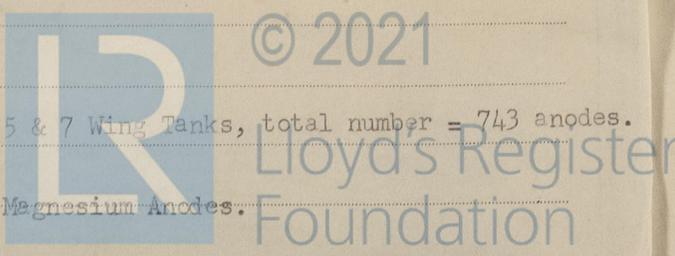
Insulated cargo compartments (if any):— None

Parts of structure of material other than steel (if any):— Compass deck front, bulwark plate - Aluminium Alloy

If mechanical ventilation is fitted, state in which cargo spaces:— No

If cathodic protection is fitted, state in which tanks:— Nos. 1 to 10 centre tanks, Nos. 3, 5 & 7 Wing Tanks, total number = 743 anodes.

Maker & material - Nippon Corrosion Engineering Co., Ltd. "Mg-52T" Type, Magnesium Anodes.





**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. 2 130.17 (FW) No. 3 192.60 (D.O.) No. 4 118.54 (FW) No. 5 17.17 (FW) No. 6 59.61 (FW) No. 7 75.57 (O.F.) No. 8 - No. 9 - No. 10 - No. 11 - No. 12 -  
Feed Water Diesel Oil Fresh Water F.W. Overflow Cooling Water F.O. Overflow

Fore peak tank 860.17 After peak tank 263.65 Midship deep tank -  
 Deep tank aft No. 2 F.O.T. 1347.43 (OF) Deep tank fwd. No. 1 B.W.T. - 722.03 No. 1 F.O.T. 1396.86 (O.F.) Topside tanks -  
 Tanks at sides of tunnel - Tanks in way of tunnel - Deck tanks 39.86 (FW)  
 Side tanks - Wing tanks - Other tanks No. 4 F.W. Tank (P&Sa) 463.54 (FW)

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.)

SS "PRESIDENTE FLORIANO" Tsurumi Ship No. 749 and SS "PRESIDENTE DEODORO" Tsurumi Ship No. 750

Plans now forwarded

<u>Approved</u>	<u>As Built</u>
Midship Section with partial revisions etc. ✓	Midship Section. ✓
Profile and Decks. ✓	Shell Expansion. ✓
After Part Construction I, II, III, IV, with part revisions. ✓	Sternframe. ✓
Fore Part Construction with revisions. ✓	Construction Profile Decks. ✓
Upper Deck Construction in way of Cargo Tanks. ✓	Sheets 1 & 2.
Construction within Cargo Tanks. ✓	Rudder Construction. ✓
Rudder. ✓	Capacity Plan. ✓
Calculation of Equipment Numeral. ✓	

Certificates now forwarded

<u>Forging or Casting</u>	<u>Cert. No.</u>	<u>Port</u>	<u>Date</u>
Rudder Stock	Y-13082	Yokohama	30-1-59 ✓
Rudder Bottom Casting	Y-13729	Yokohama	6-2-59 ✓
Rudder Top Casting	Y-13470	Yokohama	6-2-59 ✓
Rudder Carrier	Y-13850	Yokohama	25-2-59 ✓
Rudder Carrier Stopper	Y-13903	Yokohama	25-2-59 ✓
Rudder Carrier Liner	Y-13777-A	Yokohama	6-2-59 ✓
Rudder Carrier Distance Piece	Y-13777-B	Yokohama	6-2-59 ✓
Upper & Lower Sternframe	M-6847	Shimonoseki	7-4-59 ✓
Sternframe Reamer Bolts	M-6092	Shimonoseki	17-3-59 ✓
Rudder Pintle & Nuts	Y-14013-A, B	Yokohama	26-3-59 ✓
Tiller & Two Crossheads	M-4946	Nagasaki	21-2-59 ✓

SPECIAL FEATURES None



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