

F.E. FROM A.C.T.S.	11/1
F.E. FROM ADMIN F	18/11
PLA	Rpt. 1
RECD.	11/1
TO REVIS. DEPT.	21/1

DISCLOSED SECTION No. 914

**N/NESSO EL SALVADOR**

DISCLOSED SECTION No. 15093

4 JAN 1960

Port TRIESTE

When handed in at Local Office 25.12.1959 Received London

First Visit 18th October, '57 Last Visit 13th November, '59 No. of Visits 107

Survey held at Monfalcone

# FIRST ENTRY SHIP REPORT

ON THE SS/M/S "ESSO LIVERPOOL"

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	<b>Oil Tanker</b>	Is machinery fitted aft?	<b>yes</b>
Length (D 201 of Rules)*	<b>660'</b>	Built at	<b>Monfalcone</b>
Breadth (D 202 of Rules)	<b>90'</b>	Launched	<b>7th June, 1959</b> Yard No. <b>1841</b>
Depth (D 203 of Rules)	<b>47'</b>	Builders	<b>Cantieri Riuniti dell'Adriatico</b>
Draught (summer moulded) (D 204 of Rules)	<b>35' 5.1/16"</b>	Owners	<b>Esso Petroleum Co., Ltd.</b>
Deck Factor "F" excluding d <sub>1</sub>	-	Address	<b>Thames House North, Millbank LONDON S.W.1</b>
" " "F" including d <sub>1</sub>	-	Managers	-
Gross tonnage	<b>23719,70</b>	Address	-
Net tonnage	<b>12751,59</b>	Port of Registry	<b>London</b>
Official number	<b>300 999</b>	Date of last survey in drydock	<b>11,59</b>
Signal letters	<b>G D K E</b>		

DISCLOSED SECTION No. 914

## 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.

**CANTIERI RIUNITI DELL'ADRIATICO**  
CANTIERE NAVALE MONFALCONE

*[Signature]*

Builder's Signature

FEES, etc: **4773.16.0**  
less 3% **1432.04.0**  
Special Survey fee **3341.12.0**  
B.F.A. **45.14.0**  
Travelling expenses **85.14.0** 30/12/59  
Freeboard  
Late attendance fees **8.0.0**  
Total Trav. Expes **223.10.0**  
Fees applied for **5.14.4**  
Genoa Expes  
Classification Certificate to be sent to **Trieste Office via Genoa**  
Date of issue **2.3.60**  
Has an Interim Certificate been issued? **Yes. Copy attached hereto.**

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"**

*[Signature]*  
Surveyor(s) to Lloyd's Register of Shipping  
**A. Parodi**

Committee's Minute **FRIDAY 12 FEB 1960**

Character Assigned **+100 A1**  
**Oil Tanker**  
**LACP**  
**DS 11.59**  
**+LMC**  
**ES**  
**MBS** } **11.59**  
**OF**  
**Ts Ch**



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012771-012778-0018 1/8100-887210-147210

**STEEL**

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

Plates:— **Società Italiana Acciaierie Cornigliano (SIAC) Genoa Italy**

**Acciaierie e Ferriere Lombarde Falck Milan Italy**

**ILVA-Alti Forni e Acciaierie d'Italia (Italy)**

Sections:— **Cornigliano S.p.A. Genoa (Italy)**

**Phoenix Iron & Steel Company ( U.S.A. )**

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 or Electric Furnace**

Particulars of Special Quality Steel used **The following plating are of steel which has been specially approved under P.403 of the Rules in force at the time when plans were approved: Upper deck plating, sheer strake and strake below, from within poop to 1/2 L forwd., keel, bottom and bilge shell for 1/2 L amidships, and brackets to longitudinals at transverse bulkheads. Mill sheets for these plates are forwarded separately, together with sketches showing position of all P.403 plates.**

**ELECTRIC WELDING**

Parts of main structural importance electrically welded **Ship completely electrically welded, with the exception of one bottom shell seam p. & s., upper and lower bilge seams, sheerstrake seam, stringer angle, one deck seam p. & s., and minor items. Electric welding carried out by experienced operators manually and by machine (Union Melt Process).**

Parts examined by radiography **Radiographic and/or ultrasonic examination of welded joints in upper deck and shell plating extensively carried out. For position and extension see sketches forwarded.**

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	<b>Fabricated (Steel welded plates)</b>	
Shaft brackets	<b>None</b>	
Sternframe	<b>Castings</b>	<b>S.I.A.C. Genoa - Campi</b>
Rudder mainpiece or post	<b>Castings</b>	<b>ILVA Marghera (Venice)</b>
Rudder head	<b>Forging</b>	<b>S.I.A.C. Genoa-Campi</b>
Quadrant		
Tiller	<b>Forgings</b>	<b>Società Anonima Fonderie Officine di Gorizia (Italy)</b>

**GENERAL PARTICULARS**

Steering gear (Type & Maker) **Electro-hydraulic. Makers: Cantieri Riuniti dell'Adriatico Trieste**

Steering chains (Size & test) **None**

Ceiling in holds (Material & thickness) **None**

Parts of bottom plating on which cement or an approved composition is laid (if fitted):— **Bilge well frs.13-16: 1 coat of 'Vascote Base'; distilled & feed water tanks : 2 coats of 'Zinc Dust'; After peak & wash water DB tanks: 2 coats of 'Vascote S'**

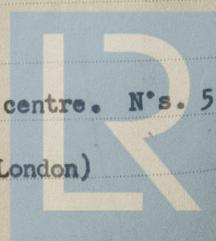
Insulated cargo compartments (if any):— **None**

Parts of structure of material other than steel (if any):— **Wheelhouse top of light alloy.**

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

If cathodic protection is fitted, state in which tanks:— **N's. 1-2-3-4-5-6-7-8-9-11 centre. N's. 5 & 7 p. & s.**

**Guardian Multifin System ( F.A. Hughes & Company Ltd., London)**



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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 F.W. only	No. 2 F.W. only	No. 3 F.W. only	No. 4	No. 5	No. 6
	No. 7	No. 8	No. 9	No. 10	No. 11	No. 12
Fore peak tank	625, 8	After peak tank	F.W. only	Midship deep tank		
Deep tank	Fwd. N°. 1 (fr. 120-133) 1358	Deep tank fwd.	N°. 2 (fr. 112-120) 1430	Topside tanks		
Tanks at sides of tunnel		Tanks in way of tunnel		Deck tanks	(2 on upper dk. fr. 19-23 F.W. only 2 inside bridge " 93-96 F.W. only 2 on steering gear flat fr. 11-18	
Centre tanks	F.O. fr. 59-67 O.F. only	Wing tanks	Fr. 55-67 O.F. only	Other tanks	other small tanks independent from hull's structure. For details see Capacity	

If ship is an oil tanker state the numbers of main cargo tanks used exclusively for water ballast (if any) with capacities:— N°. 5 centre p. & s. frs. 92-96

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.)

This ship is a sistership of "ESSO COVENTRY"—Cantieri Riuniti dell'Adriatico Yard N°. 1840.

The following approved plans forwarded together with Rpt. 1 for the "ESSO SOUTHAMPTON" are valid also for the "ESSO LIVERPOOL":—

Midship Section (N°. 51), Midship Superstructures (N°. 52), Superstructures aft (N°. 53), Profile & upper deck (N°. 54), Sternframe (N°. 101), Turbine seatings (N°. 110), Boiler seatings (N°. 112), Holes in bottom transv. girders (N°. 124), Holes in centre & side girders in Main pump room (N°. 124/1), Boiler flat (N°. 127/1), Engine room casing (N°. 128), After end structure (N°. 152), Stemstructure (N°. 152/1), Rudder (N°. 159), Rudder castings (N°. 159/1), Rudder head (N°. 159/2), Hatch for cargo tanks (N°. 412/4), Equipment Number (N°. 43).

The following "AS BUILT" plans, forwarded for the "ESSO SOUTHAMPTON" are valid also for the "ESSO LIVERPOOL":— Engine room casing (N°. 128), Rudder (N°. 159/A), Hatch cover (N°. 412/A)

The following approved plans, forwarded with Rpt. 1 for "ESSO COVENTRY" are valid also for this ship:—

- |  |  |
|--|--|
| 1). Oil tight bulkhead (N°. 62)                        | 9). Floors etc. in forwd. deep tanks (N°. 141/3) ✓ |
| 2). Oil tight bulkhead (details) (N°. 142) ✓           | 10). Forwd. cofferdam etc. (N°. 141/1) ✓           |
| 3). Shell expansion (N°. 133) ✓                        | 11). O.F. bunkers aft (N°. 141) ✓                  |
| 4). Transverses in cargo tanks (N°. 126) ✓             | 12). Forecastle (N°. 127/5) ✓                      |
| 5). Transverses in cargo tanks (N°. 126/1) ✓           | 13). Fore end structure (N°. 153) ✓                |
| 6). Transverses & side stringers in E.R. (N°. 126/3) ✓ | 14). Sea connection boxes (N°. 164) ✓              |
| 7). Double bottom tanks (N°. 132) ✓                    | 15). Sea connection boxes (N°. 164/2) ✓            |
| 8). Web frames etc. in forwd. deep tanks (N°. 141/2) ✓ |  |

Please kindly return after perusal all the above plans because they also refer to C.R.D.A. Yard N°. 1849, still under survey.

"AS BUILT" plans now forwarded for "ESSO LIVERPOOL"

Midship section (N°. 51)

Upper deck (N°. 127/2)

Capacity plan

Shell expansion (N°. 133)

LIST of Forging & Casting Certificates now forwarded:—

- |  |   |
|--|---|
| 1). Rudder tiller (1 half) N°. 3748 Trieste 9.4.58 ✓               | 6). Sternframe bolts & nuts N°. F.23655-E.23686 GEN |
| 2). Rudder tiller (1 half) N°. 3797/1 " 14.4.58 ✓                  | 7). Rudder coupling belts N°. 4201 Trieste 23.4.59  |
| 3). Two rudder pintles N°. F.27282 GEN. 17.11.58 ✓                 | 8). Rudder main piece N°. 0356 VEN. 14.10.58        |
| 4). Stern frame (upper & lower) N°. C.16141-C.16203 GEN. 12.7.58 ✓ | 9). Rudder stock N°. 26181 GEN. 8.9.58              |
| 5). Propeller boss N°. C.15708 GEN. 12.7.58 ✓                      |   |

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