

Rpt. 1.
RECEIVED

15 NOV 1943

IN D.O.

Date of completion of report 7th October, 1943

Port of Baltimore, Maryland

No. 7904

Survey held at Baltimore, Maryland

Date First Survey 8th March, 1943

Last Survey 26th Aug.

19 43

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw)

Twin Screw Steamer "LEONARDO da VINCI" now "EMPIRE CLYDE"

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings)

Complete Superstructure

State Type of Erections Open Forecastle

TONNAGE under
Tonnage Deck...

CLASS 100 A1

State if with freeboard
as condition of Class

Built at Spezia

of space or spaces
between Tonnage Dk.
and Upper Dk.Length from fore part of stem to after part of stern
most on summer L.W.L. See Sec. 3 (1a) L 429.35Built ~~at~~ 1925 Yard No. 192

Total

Breadth (greatest moulded) B 52.50

Builders Ansaldo San Giorgio

Gross Tonnage 7515

Depth, at middle of length from top of keel to top
of beam at side of uppermost continuous
deck. See Sec. 3 (1c) D 39.17

Owners Ministry of War Transport

Register Tonnage 4205

1st Longitudinal Number (L x D) =

Managers City Line, Ltd.
(Where necessary to be entered in Reg. Book.)REGISTERED DIMENSIONS.
FEET.Framing Depth "d," at middle of length. See
Sec. 3 (1d)

Residence

Length 447.2

Proportions—Depth to Length—Uppermost con-
tinuous deck to top of keel

Port of Registry Mombassa

Breadth 52.5

Do. Long Bridge to top
of keel

If surveyed while building, afloat, or in dry dock

Depth 36.0

Draught Moulded

Afloat and in Drydock

FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP. OR M.M.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP. OR M.M.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	762	30"	Bracket Floors, Frame	178x11x87x10	
" " from 1/3 length amidships to Collision bulkhead	762 685 610		" " Reversed Frame	178x11x87x10	
" " in peaks	610		" " Vertical Struts	152 x 89 x 10	
FRAMING.			Centre Girder, depth and thickness amidships	1140 12.5	
Frame Amidships, Angle [100x50	305x12x96x17.8		" " top Angles	89 89 14	
" " Extends up to	E Deck		" " bottom Angles	127 127 12.5	
Reversed Frame Amidships, Angle	-		Side Girders, No. each side and thickness	-	
" " Extends up to	-		Margin Plate depth (excl. of flange) and thickness	None - Tank Top Extends	
Depth of Framing Girder	305		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	to Ships Side	
Frames in Uppermost Continuous (tween)	178 x 89 x 11		" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area	-	
" " Decks, Angle, [or [178 x 89 x 11		" " Gussets, spacing and scantling abaft 1/4 len. from stem	-	
" " Second 'tween Decks, Angle, [or [-		" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area	-	
" " Third " " " "	-		Tank Side Brackets, height above base line at toe of Frame and thickness	-	
from 1/4 len. for'd. to 15% len. from Stem	305x12x96x17.8		INNER BOTTOM PLATING.		
and Rev.	7 3 1/2 .40		Breadth and thickness of Middle Line Strake	1120 12.5	
in Peaks, Angle [100x50	4 4 .40		Thickness of remainder in Holds	13.5	
meter and Spacing of Rivets through Frame and Shell Plating amid- ships	7/8 5 1/4		Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room?	Oil Burner	
if Frame Joggled	No		BEAMS.		
the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	-		Uppermost Continuous Deck, amidships	203x8.7x73x12	
the scantlings and arrangements in way the Bottom Forward in accordance with the Rules and/or as approved?	-		" " in way of Bridge, Angle, [or [-	
DOUBLE BOTTOM.			Spacing	Every	
rs, Depth and thickness at mid-line in Holds	-		Second Deck, amidships, Angle [100x50	203x8.7x73x12	
Height of Brackets at side above base line at toe of frame	-		Spacing	Every	
the Line Keelson, on Floors, Angles, [or [-		Third Deck, amidships, Angle [100x50	203x12.7x89x12.7	
" " Through Plate or Intercoastal Plate	-		Spacing	Every	
" " Foundation Plate on Floors	-		Fourth Deck, amidships, Angle [100x50	203x12.7x69.1x2.7	
" " Flat Plate Keel Angles	-		Spacing	Every	
Keelsons, No. each side	-		Poop Deck, Angle, [or [-	
" " thickness of Intercoastal Plate	-		Spacing	-	
" " Angles	-		Bridge Deck, Angle, [or [-	
DOUBLE BOTTOM.			Spacing	-	
Solid Floors, thickness and spacing	9.5 Frame		Channel and Forecastle Deck, Angle, [100x50	203x12.7x89x12.7	
" " Are Frame and Reversed Frame joggled?	No		Hatch	16 3 1/2 .46	
Bracket Floors, breadth and thickness at middle line	912 9.5		Spacing	Every	
" " breadth and thickness at margin plate	1515 9.5				

GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

Plans, supplied by Owners were examined in Glasgow Office. See letter from Glasgow to Principal Surveyor, New York.

The vessel has undergone Special Survey No. 3 with a view to classification with this Society (please see Baltimore and Bombay Report 8)

The equipment was examined and found to be deficient from that shown on the Midship Section plan. However, as instructed in Secretary's cablegram of 14th March 1943, the actual amount of equipment as found on board and as shown on Page 3 of this report was submitted to the Principal Surveyor, New York who advised that same could be accepted as a war emergency arrangement subject to the supplying at the first opportunity of 15 fathoms of cable. This 15 fathoms of cable could not be obtained here but was to be placed on board on arrival U.K.

Freeboard particulars had been forwarded by the Bombay Surveyor and freeboards assigned. However, a request for additional draft was made and amended freeboards assigned and marked on the vessel's sides as per Glasgow letter. All the five conditions of assignment have been complied with or found (as No. 4) satisfactory.

In addition the steel coaming of a small hatchway on "C" deck to the chain locker has been increased to 24" in height and closed with wood covers and tarpaulins.

The vessel also carries more than 12 passengers.

PARTICULARS OF ELECTRIC WELDING (if employed)

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book

Particulars of Drop Test of Cast Steel Anchors, viz.:—
Weight, Surveyor's Initials, Number of Certificate, Date of Test.

1st Bower
2nd
3rd

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop — ft., R.Q.D. — ft., Bridge — ft., Forecastle — ft.

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

Official No. **159356** Signal Letters **VRV** Extreme Breadth over Belting (Circ. 1611) **445 feet**

No. and Material of Decks **3 Stl. (1 wood sheathed)**

Parts of Bottom of Vessel coated with cement or approved composition **In double bottom ballast tanks, 8" solid cement and cement wash**

Particulars of composition (if fitted) and of approval

PARTICULARS OF WATER BALLAST:—(Comprising all tanks which may be used for Water Ballast. (Circ. 1284) Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included.)

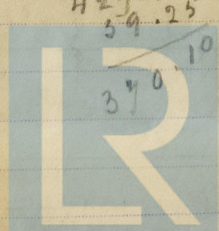
Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	52.5	65	Fore peak tank,	22.0	55.54
Double bottom, under Engines and Boilers,	—	—	After peak tank,	30.5	69
Double bottom, if under Engines only, F.W. only	—	—	Deep tank, aft,	—	—
Double bottom, if under Boilers only, 68 - 74	15.0	55	Deep tank, forward,	—	—
Double bottom, forward, 96 - 176	173	456	Other tanks, if fitted, (If necessary, furnish further information by sketch.)	—	—
Total length (if continuous) and Capacity	370.1	1145			

Order for Special Survey No. —

Date

Dates of Surveys held while building

8th March 1943 - 26th August 1943



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Lloyd's Register

Foundation

pt. 8.

REPC

Date of writing Report

No. in Reg. Book.

Survey on the

TONNAGE:—

GROSS 7515

UNDER DK. —

NET 4205

Surveyed After

Cell/Dor/Dba

total capacity

Only after

N.B.—All alter

Last Report

(Periodical Surveys, to

complete the Survey

extent of Examination

should be separate

summarised in the

should be clearly

respecting this ca

In damage cases w

offered his serv

REPAIRS, OR E

Vessel placed

Holds, peaks

All close ce

from steel s

The shell pl

Double botto

wards teste

Anchors and

hatch coamin

sounding pip

SUMMARY OF DAMA

Renewed ...

Removed and F

Faired or Repai

PRESENT CONDITIO

Decks

Caulking of Decks

Coamings

Beams & Fastenings

Outside Plating

" " in way o

Frames

Reverse Frames

Longitudinals

Transverses

Floors

Keelsons

Stringers

Inner Bottom Plating

Have the Tanks been

Have the Tanks been

General

State

this survey,

survey, 1,38,

to be clas

15 fms. of

S. S. No.

Survey Fee (per

Special Damage or

(per Sec. 29,

Travelling Expenses

Marking o

Second Surveyor's

Committee

Character