

1st 2 Dks., R.O.Dk.,  
and Pt. Awng. Dk.

# IRON OR STEEL STEAMER.

No. 15290

State of Report is also sent on the Machinery of the Vessel **YES**

Received at London Office, **TUES. 31 DEC 1907**

Date of completion of Report **27<sup>th</sup> DECEMBER 1907.**

Port of **GREENOCK.**

Survey held at **PORT GLASGOW**

Date First Survey **23<sup>rd</sup> July 1907** Last Survey **21<sup>st</sup> DECEMBER 1907**

Rig **SCHOONER**

On the **STEEL SCREW STEAMER**

**"LUNA"**

(YARD N<sup>o</sup> 277)

Master **O. OLIVETTI**

TONNAGE under 2584.07

Tonnage Deck... 20.09

Do. of Poop 30.58

Do. of Raised Qr. 77.71

Do. of Bridge House 57.67

Do. of Forecastle 37.75

Do. of excess of Hatchways 2807.87

Do. above Crown of 75.19

Engine Room 37.75 = 112.94

Gross Tonnage 2694.93

Less Crew Space 898.52

Less above Crown of 43.1.88

Engine Room 1765.05

Less Navigation Spaces 37.75

Register Tonnage 1800.80

CLASS **100 A.1.**

2D<sup>th</sup> 3D<sup>th</sup>

FEET.

Half Breadth (moulded) 23.14 23.14

Depth from upper part of Keel to top of Main Deck Bms 24.31 24.31

Girth of Half Midship Frame (as per Rule) 43.54 43.54

1st Number 90.99 83.99

Length on deck from after part of stem to fore part of stern post 313.2 313.2

2nd Number 28498 26305

Proportions—Breadths to Length 6.76

Depths to Length—Main Deck to top of Keel 12.88

Destined Voyage **PENSACOLA.**

If Surveyed while Building, Afloat, or in Dry Dock **SPECIAL SURVEY**

Year of appointment (1) As master in service of owner of present vessel: 1907 (2) As master of this vessel: 1907

Built at **PORT GLASGOW**

When built **1907** Launched **23<sup>rd</sup> NOV<sup>br</sup> 1907**

By whom built **THE CLYDE SHIPBUILDING AND ENGINEERING CO. LTD.**

Owners **NAVIGAZIONE LIBERA—TRIESTINA.**

Managers **D: D: D:**

(Where necessary to be entered in Reg. Book.)

Residence **TRIESTE**

Port belonging to **TRIESTE**

BUILT UNDER

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH—Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Main Deck Beams	Feet.	Inches.	No. of Decks with Flat laid	No. of Tiers of Beams
313	2	1/2	46	3	1/2	20	11		ONE	ONE.

Dimensions of Ship per Register, Length, 315'1" breadth, 46'5" depth, 21'00" Moulded Depth, 23 ft. 4 1/4 ins. Round of Beam, Actual 11 1/4 ins.

FRAMING.				FORGINGS AND CASTINGS.				As Approved.			
FRAME, Angles, L, E or L Bars, for 1/2 length amidships				KEEL, Bar or Side Plates depth and thickness				FLAT PLATE KEEL			
Do. for 1/2 at each end				STEM, moulding and thickness				10 x 2 3/4 10" x 2 3/4"			
Do. in way of Double Bottoms at Solid Floors				STERN-POST for Rudder do. do.				10 x 6 10" x 6"			
" " " " " " " " " " " "				" " " " " " " " " " " "				10 x 6 10" x 6"			
" " " " " " " " " " " "				MAIN PIECE of Rudder, diameter at head, do. at heel				8 8" 4 4"			
Spacing of Frames from centre to centre				RUDDER, how constructed				BUILT IRON FORGING AND SINGLE PLATE			
REVERSED FRAME, Angles IN. PEAKS				Can the Rudder be unshipped afloat?				YES			
DEEP FRAMING, depth of girder				CELLULAR DOUBLE				CELLULAR DOUBLE			
FLOORS, depth and thickness of Floor Plate at mid line for 1/2 length amidships				BOTTOM				BOTTOM			
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PLATING.										RIVETING.									
STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES.		BUTTS.		BUTTS.		BUTTS.		BUTTS.				
	AMIDSHIP.	FORWARD.	AFT.	THICKNESS.	THICKNESS.	THICKNESS.	THICKNESS.	THICKNESS.	THICKNESS.	THICKNESS.	THICKNESS.	THICKNESS.	THICKNESS.	THICKNESS.	THICKNESS.	THICKNESS.			
FLAT PLATE KEEL	42	18	12	12	42	18	DOUBLE	6	1	14	TREBLE	1	3 1/4	19	22				
GARBOARD OR A STRAKE	42	13	11	11	42	13		5 1/4	7/8	3 3/4	1	3 1/8							
B		11	9	9		11					QUADRIPL	3 1/2							
C		10	9	9		10					D								
D		13	10	10		13					D								
E		12	10	10		12					4R43R	3 1/2							
F		13	10	10		13					QUADRIPL	3 1/2							
G		11	9	9		11					D								
H		12	9	9		12					D								
J		11-13	9	9		11-13					D								
K	44 1/2	18-15	10	10	44	13-15					3R IN BRIDGE	7/8	3 1/8						
L											4R BEYOND	1	4						
M																			
N																			
O																			
P																			
DOUBLING OF PLATING KEEL										KEEL PLATE + GARBOARD STRAKES INCREASED IN LINE OF DOUBLING.									
Length of Bilge										AT ENDS OF BRIDGE 20'-0" x 12'-0"									
Length of Sheerstrakes																			
Length of Strake below																			
POOP SIDES										7'-0"									
RAISED QUARTER DECK SIDES										12'-11/20"									
BRIDGE SIDES										7'-0"									
FORECASTLE SIDES																			
LENGTHS OF PLATING										NINE FRAME SPACES.									
Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, outside Plating, &c. (SIEMENS' PROCESS.)										PLATES, BOLTS, ANGLES, ETC. - STEEL C. OF SCOTLAND, + DUNLOP & CO.									
Has the Steel been tested as required by the Rules										YES.									
FRAMES extend in one length from CENTRE LINE to MARGIN AND THENCE TO GUNWALE										state if ordinary or joggled JOGGLED.									
REVERSED FRAMES on floors and frames extend from CENTRE LINE TO MARGIN.										state if ordinary or joggled									
B. A. FRAMING.																			
MASTS, SPARS, &c.																			
LOWER MASTS										Fore STEEL 5'-6'-0" Main D 6'-4" Mizzen D 6'-4"									
Bowsprit																			
Topmasts, Yards and Remainder of Spars OF PINE																			
Rigging, Material and Size, Shrouds S.W. 3/4										Stays S.W. 4"									
Sails. ONE Suit of SCHOONERS										Sails and the following spare sails									
Equipment No. 30721 Letter U.										ANCHORS. Tonnage U.D.K. or Plating No. for Trawlers									
Number of Certificate.										WEIGHT, EX STOCK									
10333 1st Bower										45 1 21 STOCKLESS									
10305 2nd "										44 3 0 D 39 1 3 14									
6954 3rd "										36 1 0 9 2 0 33-3									
Collective weight										128 0 0									
6955 Stream										12 0 7 3 0 7 139									
6956 Kedg										5 3 0 1 2 0 8									
CHAIN CABLES.										HAWERS AND WARPS.									
Number of Certificate.										Length and size supplied.									
7486										270 1 1/16 67.5 94.5 31.5-2.4 511-1.4 270 1 1/16 STUD TAYLOR & SONS CFF. 4-11-07 G.W. PENN.									
Iron Stream Chain										90 4 1/4 - 35 - - 90 4 1/4 S.W. NEWALL & SON LTD.									
Boats TWO LIFEBOATS + TWO OTHERS.																			
Pumps, Number ONE DOWNTON PUMP, STREAM SUCTION TO FORE PEAK Diameter of Barrel 5 1/2"										State whether they are in efficient working order YES.									
Windlass is EMERSON, WALKER & CO.										Capstan									
Engine Room Skylights. - How constructed? OF STEEL																			
What arrangements for deadlights in bad weather? STEEL FLAPS + BULL'S EYES.										BDG 2									
Coal Bunker Openings. - How constructed? OF STEEL										How are lids secured? CLEATS + BATTENS Height above deck? 18"									
Number of Scuppers, and number and dimensions of Freeing Ports, &c. 4 SCUPPERS AND 8 WATER PORTS (30" x 19") EACH SIDE.																			
Ceiling in Holds, thickness and material 2 1/2" PINE.										Cargo Battens, thickness and material 2" PINE.									
Cargo Hatchways. - How formed? STEEL PLATES + ANGLES.										Hatches. - If strong and efficient? YES, SOLID.									
State size No. 1 Hatch (Forward) 24' x 16' No. 2 Hatch 24' x 16' No. 3 Hatch 24' x 16' No. 4 Hatch 24' x 16'																			
Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch - FOUR WEBS TO EACH HATCH; NO FORE + AFTERS FITTED.																			
No. of Breasthooks FOUR										No. of Crutches TWO + DEEP FLOORS.									
Bulwarks, height above deck and description 4 1/2' x 1/2" STEEL PLATE										Main Rail and Stays, material and size TYZACK'S SECTION.									
The above is a correct description.										Surveyor's Signature David McAnulan									
Builder's Signature (and name) THE OLYDE SHIPBUILDING & ENGINEERING CO. LIMITED.										Surveyor to Lloyd's Register of British and Foreign Shipping.									

**Correspondence.**—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with the case)

(M) 30-31 JAN; 2 MARCH; 15 JUNE 1907. (E) 22 FEB 1907 ALSO (M) 15 JUNE 1907.

**Workmanship.** Are the butts of plating planed or otherwise fitted? PLANED AND OVERLAPPED.

Is the riveted work properly closed? YES.

Are the liners between the frames and plates solid single pieces? YES. Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? YES. Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? YES. Do any rivets break into or through the seams or butts of the plating? A VERY FEW.

Are the butts of Plating, Stringers, &c., properly shifted and strapped? YES.

Have all the upper and weather decks been tested as required by the Rules (Sec. 23, par 24)? YES. State results of tests SATISFACTORY.

Have all the gutterways been tested as required by the Rules (Sec. 23, par. 25)? YES. State results of tests SATISFACTORY.

**General Remarks** (State quality of workmanship, &c.) This vessel has been built in accordance with the approved plans the Secretary's letters as above stated and in other respects in conformity with the Rules; the material and workmanship are good.

The keel has been sighted and found 1/2" up at midships.

THIS IS A SISTER VESSEL TO THE S.S. "ONDA". REPORT N° 15177.  
The Surveyor should state the Number of Report and Name of any Sister Vessel.

**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop 36' 7 1/2 ft., R.Q.D. or Break — A., Bridge Dk. 9' 4' 0 ft., F'castle 30' 5 ft. (in feet and tenths) where the Poop is on top of the R.Q.D., or when the Poop or R.Q.D. is joined to the B.D., this should be distinctly stated.

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as it should appear in the Register Book) ONE DECK (PI STEEL AND PI IRON) AND DEEP FRAMING.

Official No. ; Signal Letters . State if Machinery is fitted off AMIDSHIPS.

How are the surfaces preserved from oxidation? Inside PORTLAND CEMENT + PAINT Outside PAINT.

**PARTICULARS OF WATER BALLAST.**—State whether the Double bottom is constructed on the cellular system or with girders on floors.

Where fitted.	*Length. Feet.	Water Capacity. Tons.	Where fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	106	271	Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		54
Double bottom, if under Engines only,	18	57	Deep tank, aft		
Double bottom, if under Boilers only,			Deep tank, forward		
Double bottom, forward,	134	375	Other tanks, if fitted,		
Total capacity 703		(If necessary, furnish further information by sketch.)			

\* The wells are not to be included in the lengths of the tanks. State whether the above have been tested as required by the Rules YES.

Order for Special Survey No. 2418

Date 31<sup>st</sup> July 1907

No. 277 in builder's yard

DATE OF SURVEY held while building

1907. July 23, 24, 26, 29, 31. Aug. 1, 5, 9, 13, 14, 21, 26, 28, 30. Sept. 2, 6, 11, 14, 17, 20, 24, 26. Oct. 1, 4, 8, 11, 14, 17, 21, 23, 28. Nov. 5, 6, 8, 13, 15, 18, 20, 23, 28. Dec. 2, 4, 6, 10, 11, 13, 17, 19, 21.

Total No. of Visits 50

The amount of Entry Fee ..... £ 5 : 0 : 0

Special ..... £ 92 : 7 : 6

Travelling Expenses, if any £ : : :

State whether the Vessel has been built under Special Survey YES.

I am of opinion this Vessel should be Classed +100A1.

With or without Freeboard, as condition of Class YES.

Glasgow 30 DEC 1907

Committee's Minute

Character assigned +100A1 (Steel)

Lloyds ACP.

+ LMC 12, 07

David McAnulan.

Surveyor to Lloyd's Register of British and Foreign Shipping.