

Date of writing Report 14. 10. 1922. When handed in at Local Office 14. 10. 1922. Port of GENOA. SAT. 13 JAN. 1923

No. in Survey held at RIVA TRIGOSO & GENOA. Date, First Survey 4. 8. 21 Last Survey 5. 10. 1922.

Reg. Book. on the donkey boiler of the s.s. "SUPERGA" (Number of Visits See mach. rpt. Tons { Gross 6913 Net 4096

Master Built at RIVA TRIGOSO By whom built Soc. Esercizio Bacini (No. 105) When built 1922

Engines made at RIVA TRIGOSO By whom made Soc. Esercizio Bacini (No. 101) When made 1922

Boilers made at . do. By whom made . do. When made . do.

Registered Horse Power Owners Nav. Alta Italia (Soc. Anon.) Port belonging to GENOA.

(Letter for record *S.*) Total Heating Surface of Boilers *90 sq. 100 lbs.* Is forced draft fitted *No* No. and Description of Boilers *1 - S.E. Marine* Working Pressure *4 kg. cmq.* Tested by hydraulic pressure to *14 kg. cmq.* Date of test *19.9.21.*

No. of Certificate *form 10.* Can each boiler be worked separately *Yes* Area of fire grate in each boiler *3.2 sq.* No. and Description of safety valves to each boiler *Pair Spring loaded.* Area of each valve *3630 mmq.* Pressure to which they are adjusted *4.3 kg. cmq.*

Are they fitted with easing gear *Yes* In case of donkey boilers, state whether steam from main boilers can enter the donkey boiler *No.*

Smallest distance between ~~boilers~~ uptakes and bunkers or ~~woodwork~~ *2 metre.* Mean dia. of boilers *3120* Length *2850.*

Material of shell plates *S.* Thickness *16* Range of tensile strength *44.6/50* Are the shell plates welded or flanged *No*

Descrip. of riveting: cir. seams *D.R.* long. seams *D.R.D.B.S.* Diameter of rivet holes in long. seams *25* Pitch of rivets *105*

~~Lap of plates~~ width of butt straps *252* Per centages of strength of longitudinal joint rivets *89* Working pressure of shell by plate *46.2*

rules *8.1* Size of manhole in shell *nil* Size of compensating ring *✓* No. and Description of Furnaces in each boiler *2. plain* Material *S* Outside diameter *932* Length of plain part top *1950* Thickness of plates crown *16* bottom *2120*

Description of longitudinal joint *D.R. Lap* No. of strengthening rings *nil* Working pressure of furnace by the rules *8.4* Combustion chamber plates: Material *S.* Thickness: Sides *13* Back *13* Top *13* Bottom *16* Pitch of stays to ditto: Sides *180 x 1/4* Back *180 x 180*

Top *188 x 180* If stays are fitted with nuts or riveted heads *R. Heads* Working pressure by rules *8.2* Material of stays *S* ~~area~~ *Diameter* at smallest part *1.22* Area supported by each stay *3240 mmq.* Working pressure by rules *14.1* End plates in steam space: Material *S* Thickness *19*

Pitch of stays *345 x 340* How are stays secured *Q.N. & R.W.* Working pressure by rules *6.8* Material of stays *S.* ~~area~~ *Diameter* at smallest part *23 1/4*

Area supported by each stay *138 1/4* Working pressure by rules *13.1* Material of Front plates at bottom *S* Thickness *19* Material of Lower back plate *S* Thickness *19* Greatest pitch of stays *340 x 180* Working pressure of plate by rules *13.8* Diameter of tubes *46*

Pitch of tubes *64 x 104* Material of tube plates *S.* Thickness: Front *19* Back *8* Mean pitch of stays *208 x 208* Pitch across wide water spaces *340* Working pressures by rules *4.8* Girders to Chamber tops: Material *S* Depth and thickness of girder at centre *180 x 18 (dual.)* Length as per rule *580* Distance apart *188* Number and pitch of Stays in each *2 - 180*

Working pressure by rules *20* Superheater or Steam chest: how connected to boiler *none* Can the superheater be shut off and the boiler worked separately *✓* Diameter *✓* Length *✓* Thickness of shell plates *✓* Material *✓* Description of longitudinal joint *✓* Diam. of rivet holes *✓* Pitch of rivets *✓* Working pressure of shell by rules *✓* Diameter of flue *✓* Material of flue plates *✓* Thickness *✓*

If stiffened with rings *✓* Distance between rings *✓* Working pressure by rules *✓* End plates: Thickness *✓* How stayed *✓*

Working pressure of end plates *✓* Area of safety valves to superheater *✓* Are they fitted with easing gear *✓*

made at	By whom made	When made	Where fixed	Working pressure
acted by hydraulic pressure to	Date of test	No. of Certificate	Fire grate area	Description of safety valves
No. of safety valves	Area of each	Pressure to which they are adjusted	If fitted with easing gear	If steam from main boilers can
enter the donkey boiler	Dia. of donkey boiler	Length	Material of shell plates	Thickness
Range of tensile				
length	Descrip. of riveting long. seams	Dia. of rivet holes	Whether punched or drilled	Pitch of rivets
Top of plating	Per centage of strength of joint	Rivets Plates	Working pressure of shell by rules	Thickness of shell crown plates
Radius of do.	No. of Stays to do.	Dia. of stays	Diameter of furnace Top	Bottom
Length of furnace				
Thickness of furnace plates	Description of joint		Working pressure of furnace by rules	Thickness of furnace crown
plates	Radius of do.	Stayed by	Diameter of uptake	Thickness of uptake plates
Thickness of water tubes				

The foregoing is a correct description,

SOCIETA' ESERCIZIO BAGNI

The foregoing is a correct description,
 Eug. Ferdinand Rosin Manufacturer.

Dates	{	During progress of	}
Survey		work in shops - -	
while		During erection on	
building	{	board vessel - -	}
		Total No. of visits	

See mach. repab.

Is the approved plan of main boiler forwarded herewith

donkey "

duplicate
in
London
office

W1274-0283

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.)

The materials used in construction of this boiler were tested by R.N.I.
(see report on Rapallo - see Rpt No 8134)

The boiler was surveyed during construction and the materials and workmanship are good. It was tested as required by the Rules by hydraulic pressure, securely fitted aboard and also tried with satisfactory results under steam.

Certificate (if required) to be sent to
(The Surveyors are requested not to write on or below the space for Committee's Minute.)

The amount of Entry Fee .. £	See mach. repar.	When applied for,
Special £	19....
Donkey Boiler Fee £		When received,
Travelling Expenses (if any) £	19....

Committee's Minute

FRI. 23 MAR. 1913

Assigned

Engineer Surveyor to Lloyd's Register of British & Foreign Shipping



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Lloyd's Register
Foundation

Rpt. 13.

Port of

No. in
Reg. Book

Owners

Yard No.

DESCRIPTION

2 sets

steam

Capacity

Where is

Position of

Positions

with 8

1 for

If fuses

circu

If vessel

Are the f

Are all fu

are p

Are all su

Total num

A Inq

B Accom

C Saloon

D Pump

E Jaw

ma

2

If are ligh

Where are

DESCRIPTION

Main cables

Branch cab

Branch cab

Leads to lan

Cargo light

DESCRIPTION

Main

Lan

Joints in ca

Are all the j

position

Are there a

How are the