

REPORT ON BOILERS.

No. 3619

Port of Genoa Received at London Office SAT. 19 MAY 1906
 Date, first Survey April 23rd Last Survey May 16th 1906
 (Number of Visits 8)
 No. in Survey held at Genoa
 No. of Book 46 on the S.S. "Cerea" Tons { Gross 4295.11
 Net 2726.10
 Master H. Molinari Built at Apezia By whom built Carit Van di Muggiano When built 1901
 Engines made at W. Huntlepool By whom made Phil Richardson & Sons Ltd when made 1901
 Boilers made at do By whom made do when made 1901
 Registered Horse Power 356 Owners L. Capuccio & Co Port belonging to Genoa

MULTITUBULAR BOILERS—MAIN, AUXILIARY OR DONKEY.—Manufacturers of Steel John Spencer

Letter for record 3 Total Heating Surface of Boilers 5925⁵ Is forced draft fitted - No. and Description of Boilers One Horizontal Multitubular Working Pressure 100 Tested by hydraulic pressure to 200 Date of test -
 No. of Certificate - Can each boiler be worked separately - Area of fire grate in each boiler 275⁵ No. and Description of Safety valves to each boiler 2 Spring Area of each valve 6.4" □ Pressure to which they are adjusted 100 lbs
 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 or uptakes and bunkers or woodwork 12" Mean dia. of boilers 9-6" Length 9-0"
 Material of shell plates Steel Thickness 5/8" Range of tensile strength 28-32 Are the shell plates welded or flanged No
 Descrip. of riveting: cir. seams Double long. seams S.B. Steps & Riveted Diameter of rivet holes in long. seams 29/32" Pitch of rivets 3 1/2"
 Gap of plates or width of butt straps 8 9/16" Per centages of strength of longitudinal joint rivets 85.75 Working pressure of shell by plate 74.00
 No. of manholes 109 Size of manhole in shell 16" x 12" Size of compensating ring 32 x 24" No. and Description of Furnaces in each boiler 2 Plain Material steel Outside diameter 34" Length of plain part 6-2" Thickness of plates crown 1/2" bottom 1/2"
 Description of longitudinal joint Angle lap No. of strengthening rings 1 Working pressure of furnace by the rules 107 Combustion chamber plates: Material Steel Thickness: Sides 1/4" Back 1/4" Top 1/4" Bottom 1/2" Pitch of stays to ditto: Sides 6 1/2" x 7 1/8" Back 6 1/2" x 7 3/8"
 Top 4 1/2" x 7 1/8" If stays are fitted with nuts or riveted heads Nuts Working pressure by rules 115 Material of stays steel Diameter at smallest part 1 3/4"
 Area supported by each stay 203" □ Working pressure by rules 168 End plates in steam space: Material steel Thickness 3/4"
 Pitch of stays 14 1/2" x 14 1/2" How are stays secured R. washers Working pressure by rules 108 Material of stays steel Diameter at smallest part 1 3/4"
 Area supported by each stay 203" □ Working pressure by rules 166.5 Material of Front plates at bottom steel Thickness 3/4" Material of Lower back plate steel Thickness 5/8" Greatest pitch of stays 12 5/8" Working pressure of plate by rules 191 Diameter of tubes 3"
 Pitch of tubes 4 3/16" Material of tube plates steel Thickness: Front 3/4" Back 1/2" Mean pitch of stays 8 3/8" Pitch across wide water spaces 14 1/8" Working pressures by rules 100.07 Girders to Chamber tops: Material steel Depth and thickness of girder at centre 5 1/8" x 1 1/8" Length as per rule 23" Distance apart 4 3/32" Number and pitch of Stays in each 2-7 1/8"
 Working pressure by rules 155 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 -

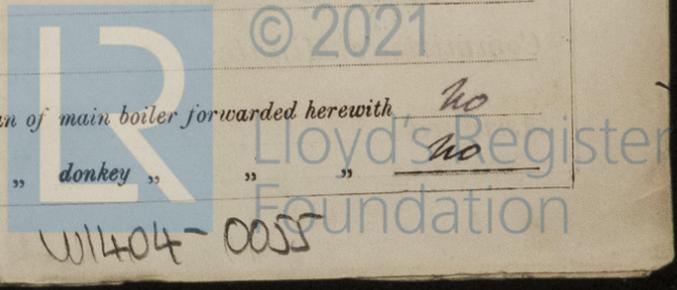
VERTICAL DONKEY BOILER—No. Description Manufacturers of steel

Made at By whom made When made Where fixed
 Working pressure tested by hydraulic pressure to 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 strength
 Descrip. of riveting long. seams Dia. of rivet holes Whether punched or drilled Pitch of rivets
 Lap of plating Per centage of strength of joint Rivets 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
 Stayed by Diameter of uptake Thickness of uptake plates Thickness of water tubes

The foregoing is a correct description, Manufacturer. Mannie Peterson
 The Surveyors to Lloyd's Register.

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

Is the approved plan of main boiler forwarded herewith No
 " " " donkey " " No



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

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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...	£	:	:	When applied for,
Special	£	:	:	19
Donkey Boiler Fee ...	£	:	:	When received,
Travelling Expenses (if any) £		:	:	19

Engineer Surveyor to Lloyd's Register of British and Foreign Ships

Committee's Minute

TUES, 22 MAY 1906

FRI, 31 AUG 1906

Assigned

See attached report



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Lloyd's Register
Foundation

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Ship's Na
Report
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To be n