

REPORT ON BOILERS.

No. 5168

Received at London Office 11.7 JUN 1954

Report 17-5-1954 When handed in at Local Office 19... Port of NAPLES

Survey held at NAPLES Date, First Survey 29 = 4 = 54 Last Survey 8 = 5 = 19 54

the Single Screw Motor Tanker "ROSA PELLEGRINO" (Number of Visits... 3) Gross... Net...

Built at Naples By whom built Cant. Nav. Pellegrino Yard No. 94 When built 1954

Turin By whom made Soc. Anon. "FIAT" S.G.M. Engine No 3736 When made 1953

Genoa By whom made Soc. An. Cooperativa di Produzione Boiler No 686/7 When made 1953

Owners: Ciro Pellegrino & Figlio. Port belonging to Naples.

BULAR BOILERS MAIN, AUXILIARY, OR DONKEY.

Material of Steel See GENOA RRT N° 19418 (Letter for Record...)

Surface of Boilers Is forced draught fitted Coal or Oil fired

Description of Boilers Two Working Pressure 13 kg/cm²

Hydraulic pressure to... Date of test... No. of Certificate... Can each boiler be worked separately...

Grate in each Boiler... No. and Description of safety valves to each boiler...

Set of valves per boiler { per Rule... as fitted... Pressure to which they are adjusted 13 kg/cm² Are they fitted with casing gear Yes.

Donkey boilers, state whether steam from main boilers can enter the donkey boiler

Clearance between boilers or uptakes and bunkers or ~~under~~ Well Clear Is oil fuel carried in the double bottom under boilers No.

Clearance between shell of boiler and tank top plating SITUATED ON FLAT AFT Is the bottom of the boiler insulated...

Internal dia. of boilers... Length... Shell plates: Material... Tensile strength...

Are the shell plates welded or flanged... Description of riveting: circ. seams { end... inter... }

Diameter of rivet holes in { circ. seams... long. seams... } Pitch of rivets { ... }

Percentage of strength of circ. intermediate seam { plate... rivets... }

Strength of longitudinal joint { plate... rivets... combined... } Working pressure of shell by Rules

Butt straps { outer... inner... } No. and Description of Furnaces in each Boiler

Tensile strength... Smallest outside diameter...

Main part { top... bottom... } Thickness of plates { crown... bottom... } Description of longitudinal joint...

Working pressure of furnace by Rules

Stiffening rings on furnace or c.c. bottom... Working pressure of furnace by Rules

Water space: Material... Tensile strength... Thickness... Pitch of stays...

Working pressure by Rules

Material { front... back... } Tensile strength { ... } Thickness { ... }

Pitch across wide water spaces... Working pressure { front... back... }

Combustion chamber tops: Material... Tensile strength... Depth and thickness of girder...

Length as per Rule... Distance apart... No. and pitch of stays...

Working pressure by Rules

Combustion chamber plates: Material... Thickness: Sides... Back... Top... Bottom...

to ditto: Sides... Back... Top... Are stays fitted with nuts or riveted over...

Front plate at bottom: Material... Tensile strength...

Lower back plate: Material... Tensile strength... Thickness...

Stays at wide water space... Are stays fitted with nuts or riveted over...

Main stays: Material... Tensile strength...

Body of stay... No. of threads per inch... Area supported by each stay...

Working pressure by Rules

Screw stays: Material... Tensile strength... No. of threads per inch... Area supported by each stay...

Turned off part... No. of threads per inch... Area supported by each stay...



Working pressure by Rules Are the stays drilled at the outer ends Margin stays: Diameter At turned off or Over threads

No. of threads per inch Area supported by each stay Working pressure by Rules

Tubes: Material External diameter Plain Stay Thickness No. of threads per inch

Pitch of tubes Working pressure by Rules Manhole compensating shell plate

Section of compensating ring No. of rivets and diameter of rivet holes

Outer row rivet pitch at ends Depth of flange if manhole flanged Steam Dome: Material

Tensile strength Thickness of shell Description of longitudinal joint

Diameter of rivet holes Pitch of rivets Percentage of strength of joint Plate Rivets

Internal diameter Working pressure by Rules Thickness of crown

stays Inner radius of crown Working pressure by Rules

How connected to shell Size of doubling plate under dome Diameter of rivets in outer row in dome connection to shell

Type of Superheater NONE Manufacturers of Tubes Steel forgings Steel castings

Number of elements Material of tubes Internal diameter and thickness of tubes

Material of headers Tensile strength Thickness Can the superheater be worked separately

Is a safety valve fitted to every part of the superheater which can be shut off from the boiler

Area of each safety valve Are the safety valves fitted with casing gear

Rules Pressure to which the safety valves are adjusted

tubes forgings and castings and after assembly in place

valves fitted to free the superheater from water where necessary

Have all the requirements of Sections 14 to 22 inclusive for boilers been complied with Yes

The foregoing is a correct description
CANTIERE NAVALE PELLEGRINO
 Il Direttore
 (dott. ing. Ettore Salsacchi)

Dates of Survey while building { During progress of work in shops - - }
 { During erection on board vessel - - - } 20th 29th April 3rd 4th May 1954 Are the approved plans of boiler and superheater forwarded here (If not state date of approval.)
 Total No. of visits FOUR

Is this Boiler a duplicate of a previous case No If so, state Vessel's name and Report No.

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) THESE DONKEY BOILERS HAVE BEEN PROPERLY INSTALLED IN THE VESSEL UNDER SPECIAL SURVEY. THE SAFETY VALVE BEEN ADJUSTED UNDER STEAM TO THE APPROVED WORKING PRESSURE AND AN A TEST CARRIED OUT WITH SATISFACTORY RESULTS. THE BOILERS ARE ELIGIBLE IN MY OPINION TO BE INCLUDED IN THE L.M.C. RECORD FOR THIS VESSEL.

Survey Fee INCLUDED IN RPT 4B £ : : } When applied for, 19.....
 Travelling Expenses (if any) £ : : } When received 19.....

E. J. Butler
 Engineer Surveyor to Lloyd's Register

Committee's Minute FRIDAY 1 OCT 1954

Assigned See Rpt. 4 b.



OK