

REPORT ON BOILERS.

No. 5168

Received at London Office 17 JUN 1954

Report 17-5-54 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

(Number of Visits... 3) Gross... Net...

the Single Screw Motor Tanker "ROSA PELLEGRINO"

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

Power Owners: Giro Pellegrino & Figlio. Port belonging to Naples.

BULAR BOILERS MAIN, AUXILIARY, OR DONKEY.

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

g Surface of Boilers Is forced draught fitted Coal or Oil fired

cription of Boilers Two Working Pressure 13 kg/cm²

draulic 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 Pressure to which they are adjusted 13 kg/cm² Are they fitted with easing gear

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

Connance between boilers or uptakes and bunkers or ~~under~~ Well CLEAR Is oil fuel carried in the double bottom under boilers No

Trance between shell of boiler and tank top plating SKATED ON FLAT Aft Is the bottom of the boiler insulated

ing downal dia. of boilers Length Shell plates: Material Tensile strength

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

ication Diameter of rivet holes in circ. seams long. seams Pitch of rivets

tion of strength of circ. end seams plate rivets Percentage of strength of circ. intermediate seam plate rivets

f 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

ain part top bottom Thickness of plates crown bottom Description of longitudinal joint

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

n steam space: Material Tensile strength Thickness Pitch of stays

s secured Working pressure by Rules

Material front back Tensile strength Thickness

f stay tubes in nests Pitch across wide water spaces Working pressure front back

ombustion 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

sure by Rules Front plate at bottom: Material Tensile strength

Lower back plate: Material Tensile strength Thickness

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

sure Main stays: Material Tensile strength

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

oyd's threads Screw stays: Material Tensile strength

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

urned off part threads

Working pressure by Rules. ✓ Are the stays drilled at the outer ends. ✓ Margin stays: Diameter { At turned off pa
No. of threads per inch. ✓ Area supported by each stay. ✓ Working pressure by Rules. ✓
Tubes: Material. ✓ External diameter { Plain. ✓ Thickness { ✓ No. of threads per
Pitch of tubes. ✓ Working pressure by Rules. ✓ Manhole compensati
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. ✓
Internal diameter. ✓ Working pressure by Rules. ✓ Thickness of crown. ✓ Rivets. ✓
stays. ✓ Inner radius of crown. ✓ Working pressure by Rules. ✓
How connected to shell. ✓ Size of doubling plate under dome. ✓ Diameter of
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 superh
the boiler be worked separately. ✓ Is a safety valve fitted to every part of the superheater which can be shut off from the bo
Area of each safety valve. ✓ Are the safety valves fitted with easing 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 des
CANTIERE NAVALE PELLEGRINO
Il Direttore

Dates of Survey while building { During progress of work in shops - -
During erection on board vessel - - -

Are the approved plans of boiler and superheater forwarded here (If not state date of approval.)

20th 29th April 3rd 4th May 1954 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
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
OPINION TO BE INCLUDED IN THE LMC RECORD FOR THIS VESSEL.

Survey Fee INCLUDED IN Rpt 4B. ... £ : : }

Travelling Expenses (if any) £ : : }

When applied for, 19.....

When received, 19.....

E. J. Butler

Engineer Surveyor to Lloyd's Register

Committee's Minute. FRIDAY 1 OCT 1954

Assigned

See Rpt. 4B.



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Foundation