

5a.

REPORT ON BOILERS.

No. 11907

Received at London Office **MONDAY 2 MAR 1959**

of writing Report 24.2 19.59 When handed in at Local Office 19. Port of Stockholm

in Book. Survey held at Gävle Date, First Survey - Last Survey - 19 58

887 on the M/S "PAMIR" (Number of Visits.....) Tons { Gross 1443
Net 420

at Gävle By whom built A/B Gävle Varv Yard No. 99 When built 11-1958

mes made at - By whom made - Engine No. - When made -

rs made at - By whom made - Boiler No. - When made -

as per Rule - Owners U.S.S.R. Port belonging to Leningrad

MULTITUBULAR BOILERS ~~MAIN, AUXILIARY, OR~~ DONKEY.

Manufacturers of Steel Gothenburg Rpt. No. 24096.

al Heating Surface of Boilers - Of Superheaters None

l for Register Book - Is forced draught fitted No Coal or Oil fired Oil Fired

and Description of Boilers One single ended multitubular Working Pressure 6 kg/cm²

ed by hydraulic pressure to - Date of test - No. of Certificate - Can each boiler be worked separately -

a of Firegrate in each Boiler None No. and Description of safety valves to each boiler One double spring loaded

s of each set of valves per boiler { per Rule. See Got. Rpt.
as fitted. " " " Pressure to which they are adjusted 6 kg/cm² Are they fitted with easing gear Yes ✓

Best distance between boilers or uptakes and bunkers ~~as per Rule~~ 710 mm Is oil fuel carried in the double bottom under boilers No

Best distance between boilers or uptakes and bunkers or woodwork - Is the bottom of the boiler insulated Yes

est internal dia. of boilers Length Shell plates: Material Tensile strength

ision welded, state name of welding Firm Have all the requirements of the Rules for Class 1 vessels

omplied with Thickness Are the shell plates welded or flanged Description of riveting: circ. seams { end
inter.
seams Diameter of rivet holes in { circ. seams
long. seams Pitch of rivets {

ntage of strength of circ. end seams { plate
rivets Percentage of strength of circ. intermediate seam { plate
rivets

ntage of strength of longitudinal joint { plate
rivets
combined

tness of butt straps { outer
inner No. and Description of Furnaces in each Boiler

Thicknes of plates Tensile strength Smallest outside diameter

h of plain part { top
bottom Description of longitudinal joint

nsions of stiffening rings on furnace or c.c. bottom

plates in steam space: Material Tensile strength Thickness Pitch of stays

are stays secured

plates: Material { front
back Tensile strength Thickness {

pitch of stay tubes in nests Pitch across wide water spaces

ers to combustion chamber tops: Material Tensile strength Depth and thickness of girder

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

ch Combustion chamber plates: Material

le strength Thickness: Sides Back Top Bottom

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

plate at bottom: Material Tensile strength

ness Lower back plate: Material Tensile strength Thickness

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

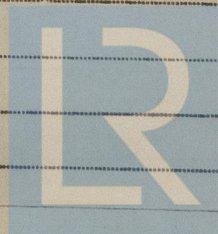
stays: Material Tensile strength

At body of stay
or
Over threads No. of threads per inch

stays: Material Tensile strength

At turned off part
or
Over threads No. of threads per inch

31 MAR 1959



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Are the stays drilled at the outer ends..... Margin stays: Diameter { At turned off part,.....
or
Over threads.....
No. of threads per inch.....
Tubes: Material..... External diameter { Plain..... Thickness { No. of threads per inch.....
Stay.....
Pitch of tubes..... Manhole compensation: Size of opening in No. in
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..... Thickness of crown..... No. and diameter of
stays..... Inner radius of crown.....
How connected to shell..... Size of doubling plate under dome..... Diameter of rivet holes and pitch
of rivets in outer row in dome connection to shell.....
Type of Superheater..... 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 shut off and
the boiler 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 easing gear.....
Pressure to which the safety valves are adjusted..... Hydraulic test pressure.....
tubes..... forgings and castings..... and after assembly in place..... Are drain cocks of
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,

Manufacturer

Dates of Survey { During progress of work in shops - - - Are the approved plans of boiler and superheater forwarded herewith.....
while building { During erection on board vessel - - - (If not state date of approval.)
Total No. of visits.....

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.).....

This boiler has been fitted onboard in accordance with the Rules and to our satisfaction
and the workmanship is good.

Accumulation tests carried out with satisfactory results.

Survey Fee ... £ No charge } When applied for, 24.2.19.59.
Travelling Expenses (if any) £ : " : } When received, 19.....

Engineer Surveyor to Lloyd's Register of Shipping.

FRIDAY 10 APR 1959

Committee's Minute.....

Assigned..... See Rpt. 1.



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