

Received at London Office

Date of writing Report 5.11. 1964. When handed in at Local Office 5.11. 1964. Port of Rijeka

No. in Survey held at Zagreb Date, First Survey 14.4.64. Last Survey 15.9. 1964.
Reg. Book. (Number of Visits 12) Gross Tons Net

on the

Built at Trogir By whom built Shipyard Trogir Yard No. 137 When built

Engines made at By whom made Engine No. When made

Boilers made at Zagreb By whom made Tvornica Parnih Kotlova Boiler No. 5154 When made 1964

Owners. Port belonging to

VERTICAL BOILER.

Made at Zagreb By whom made Tvornica Parnih Kotlova Boiler No. 5154 When made 1964 Where fixed

Manufacturers of Steel Zeljezarna Jesenice, AFL Falck Milano, Phoenix Rheinrohr

Total Heating Surface of each Boiler 115 m² Is forced draught fitted No Coal or Oil fired No

No. and Description of Boilers 1 Vertical Fusion Welded Exhaust Gas Boiler Working Pressure 6kg/sq. cm.

Tested by hydraulic pressure to 12 kg/sq. cm. Date of test 15th Sept. 1964 No. of Certificate Rka. 106

Area of fire grate in each Boiler No. and description of safety valves to each boiler Double High Lift 2 x 70 mm

Area of each set of valves per boiler per Rule 1655 mm Pressure to which they are adjusted 6 kg/cm² Are they fitted with easing gear Yes

State whether steam from main boilers can enter the donkey boiler Smallest distance between boiler or uptake and bunkers

or woodwork Is oil fuel carried in the double bottom under boiler Smallest distance between base of boiler and tank top plating

Is the base of the boiler insulated Largest internal dia. of boiler 1582 mm Height 3160 mm

Shell plates: Material S.M. Steel Tensile strength 44-50 kg/sq. mm. Thickness 11 mm.

Are the shell plates welded or flanged Welded If fusion welded, state name of welding firm Tvornica Parnih Kotlova, Zagreb

Have all the requirements of the Rules for Class I vessels been complied with yes Description of riveting: circ. seams { end. inter. }

long. seams Dia. of rivet holes in { circ. seams Pitch of rivets Thickness of butt straps { outer inner }

Shell Crown: Whether complete hemisphere, dished partial spherical, or flat Material Tensile strength Thickness

Radius Description of Furnace: Plain, spherical, or dished crown Material

Tensile strength Thickness External diameter { top bottom Length as per Rule

Pitch of support stays circumferentially and vertically Are stays fitted with nuts or riveted over

Diameter of stays over thread Radius of spherical or dished furnace crown

Thickness of Ogee Ring Diameter as per Rule { D. d. }

Combustion Chamber: Material Tensile strength Thickness of top plate

Radius if dished Thickness of back plate Diameter if circular

Length as per Rule Pitch of stays

Are stays fitted with nuts or riveted over Diameter of stays over thread

Tube Plates: Material S.M. Steel Tensile strength 41-47 kg/sq. mm. Thickness 19 mm Mean pitch of stay tubes in nests d = 300 mm

If comprising shell, dia. as per Rule front back Pitch in outer vertical rows 110 mm Dia. of tube holes Top stay 38.5 BOTT stay 38.5 FRONT plain 40.5 BACK plain 39.5

Is each alternate tube in outer vertical rows a stay tube yes

Girders to Combustion Chamber Tops: Material S.M. Steel Tensile strength 44-50 kg/sq. mm.

Depth and thickness of girder at centre 100 mm x 20 mm Length as per Rule

Distance apart No. and pitch of stays in each

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

4th Nov

Manufacturer.

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

letters. The workmanship is good, the boiler was found sound and tight under hydraulic test and is eligible in my opinion to be fitted a closed vessel.

N. Pines

FRIDAY 28 MAY 1965

Date _____
Committee's Minute _____
See Ref. 1.

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