

# REPORT ON BOILERS.

No. 747

Received at London Office

9 JUN

ing Report 16.12.58 19 When handed in at Local Office 19 Port of Rijeka

Survey held at Date, First Survey Last Survey 19

on the M/V "OSTRAVA" (Ex "ISTINA") (Number of Visits) Tons Gross Net

Pula By whom built Brodogradiliste Uljanik Yard No. 220 When built 1958

By whom made Engine No. When made

Zagreb By whom made Tvornica Parnih Kotlova Boiler No. 1530 When made 1958

Port belonging to

## CAL BOILER.

Zagreb By whom made Tvornica Parnih Kotlova Boiler No. 1530 When made 1958 Where fixed

urers of Steel Acciaierie e Ferriere Lombarde Falck

ating Surface of each Boiler 200 sq. metres Is forced draught fitted Condenser Oil/Gas

Description of Boilers One vertical exhaust gas water tube Working Pressure 12.5 Kgs/sq. cm

hydraulic pressure to 22.5 Kgs/sq. cm Date of test 24th July 1958 No. of Certificate RKA No. 26

fire grate in each Boiler No. and description of safety valves to each boiler 2 enclosed spring type (ORDINARY)

each set of valves per boiler per Rule 6636 sq. mm Pressure to which they are adjusted 12.5 Kgs/sq. cm they fitted with easing gear YES

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

ork 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 1900 mm Height 5100 mm

ates: Material Steel Tensile strength 44-50 Kgs/sq. mm Thickness 17 mm

shell plates welded or flanged No If fusion welded, state name of welding firm No

the requirements of the Rules for Class I vessels been complied with Description of riveting: circ. seams end D.R. Lap 2

ms. DR. but strap Dia. of rivet holes in circ. seams 23 Pitch of rivets 79.73 Thickness of butt straps outer 12 mm

rown: Whether complete hemisphere, dished partial spherical, or flat DPS Material Steel Tensile strength 44-50 Thickness 22 mm

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

strength Thickness External diameter top Length as per Rule bottom

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

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

ess of Ogee Ring Diameter as per Rule D. d.

ation Chamber: Material Tensile strength Thickness of top plate

if dished Thickness of back plate Diameter if circular

as per Rule Pitch of stays

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

Plates: Material front Tensile strength 41-47 Kgs/sq. mm Thickness 21 mm Mean pitch of stay tubes in nests 183 mm

back top steel

prising shell, dia. as per Rule bottom Pitch in outer vertical rows Dia. of tube holes 44.5 40 38 38

alternate tube in outer vertical rows a stay tube

s to Combustion Chamber Tops: Material Tensile strength

Length as per Rule

and thickness of girder at centre

No. and pitch of stays in each

ce apart



Crown Stays: Material \_\_\_\_\_ Tensile strength \_\_\_\_\_ Diameter { at body of stay... Surveying Rep  
or  
over threads \_\_\_\_\_

No. of threads per inch \_\_\_\_\_ Screw Stays: Material \_\_\_\_\_ Tensile strength \_\_\_\_\_

Diameter { at turned off part... No. of threads per inch \_\_\_\_\_ Are the stays drilled at the outer ends \_\_\_\_\_  
or  
over threads \_\_\_\_\_

Tubes: Material SM. Steel External diameter { plain 38 mm Thickness { 3 mm  
stay 38 mm 7 mm

No. of threads per inch 9 Pitch of tubes 61

Manhole Compensation: Size of opening in shell plate 348x448 300x400 mm Section of compensating ring 24x100 mm No. of rivets 24

of rivet holes Electric-weld Outer row rivet pitch at ends \_\_\_\_\_ Depth of flange if manhole flanged \_\_\_\_\_

Uptake: External diameter \_\_\_\_\_ Thickness of uptake plate \_\_\_\_\_

Cross Tubes: No. \_\_\_\_\_ External diameters { \_\_\_\_\_ Thickness of plates \_\_\_\_\_

Have all the requirements of Chapter J Section 10 to 15 inclusive for boilers been complied with Yes

The foregoing is a correct description of the boiler and its fittings.

Dates of Survey while building { During progress of work in shops - - 15.3.58 to 24.7.58 Is the approved plan of boiler forwarded herewith (If not state date of approval.)  
During erection on board vessel - - - 11  
Total No. of visits 11

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

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

The boiler referred to herein has been constructed under Special Survey in accordance with the Rules of the Society Approved plans and Secretary letters.

The material and workmanship are good.

The boiler referred to herein has been satisfactorily fitted in the M/V "OSTRAVA" and safety valves adjusted under steam to 12,5 kgs/sq.cm. bombuss. ring sizes P 30". On completion, the boiler was examined under working conditions in conjunction with main engine and found satisfactory.

Abusker  
Ljeka

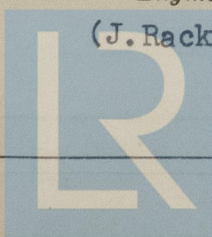
Survey Fee ... £ 21-00-00 + 12.600.-din. for 10

Travelling Expenses (if any) £ 13.670.-din When received 10

Date FRIDAY 10 JUL 1959

Committee's Minute See Rpt. 1.

Engineer Surveyor to Lloyd's Register of Shipping  
(J. Racki)



Lloyd's Register  
Foundation