

25. SEP. '61

REPORT ON WATER TUBE BOILERS.

No. Rka. 1303

Received at London Office

Writing Report 31.8. 1961 When handed in at Local Office 19 Port of Rijeka

Survey held at Zagreb Date, First Survey 25.4.61. Last Survey 13.7. 1961.

(Number of Visits 5) Gross Tons Net Tons

on the Rijeka By whom built Brodogradiliste 3. Maj Yard No. 482 When built

By whom made Engine No. When made

By whom made Tvoronica Parnih Kotlova Boiler No. 2890 When made 1961

Register Book 212 sq.m. Owners Port belonging to

WATER TUBE BOILERS—MAIN, AUXILIARY, OR DONKEY.—Manufacturers of Steel Acciaierie e Ferriere Lombarde Falck-Milan

of Approval of plan 17.11.1960 Approved 8 kg/cm² No. and Description or Type 13.7.61.

One vertical exhaust gas "Lamont" Working Pressure 7 kg/sq.cm Tested by Hydraulic Pressure to 14 kg/sq.cm Date of Test 13.7.61.

Certificate Rka. 78 Can each boiler be worked separately Total Heating Surface of Boilers 212 sq.m. Superheaters

Economisers Is forced draught fitted Area of Fire Grate (coal) in each Boiler

type of burners (oil) in each boiler No. and description of safety valves on 6104 sq.mm

boiler 2 x 80 mm bore, High lift type Area of each set of valves per boiler as fitted 10040 sq.mm Pressure to which they

adjusted 7 kg/sq.cm Are they fitted with easing gear In case of donkey boilers state whether steam from main boilers can enter

donkey boiler Smallest distance between boilers or uptakes and bunkers or woodwork Height of boiler 2850 mm

and length 2550 x 2070 mm Steam Drums:—Number in each boiler Inside diameter

ness of plates Range of tensile strength Are drum shell plates welded

ged If fusion welded, state name of welding firm Have all the requirements of the Rules

Class I vessels been complied with Description of riveting:—Circ. seams long. seams

Pitch of rivets Thickness of straps Percentage strength of

joint:—Plate Rivet Diameter of tube holes in drum Pitch of tube holes

ntage strength of shell in way of tubes Steam Drum Heads or Ends:—Range of tensile strength

ness of plates Radius or how stayed Size of manhole or handhole Water Drums:—Number

ch boiler Inside diameter Thickness of plates Range of tensile strength Are drum shell plates

ed or flanged If fusion welded, state name of welding firm Have all the requirements of the Rules

Class I vessels been complied with Description of riveting:—Circ. seams long. seams

Pitch of rivets Thickness of straps Percentage strength of

entage strength of long. joint:—Plate Rivet Diameter of tube holes in drum Pitch of tube holes

entage strength of drum shell in way of tubes Water Drum Heads or Ends:—Range of tensile strength

tness of plates Radius or how stayed Size of manhole or handhole Tested by hydraulic pressure to 14 kg/sq.cm

Boilers or Sections:—Number 2 vertical Material SM. Steel Thickness 8 mm

ss:—Diameter 32 mm Thickness 3 mm Number 22 double coils Steam Dome or Collector:—Description of

to shell Inside diameter Thickness of shell plates Range of tensile

gth 36-47 kg/sq.mm Description of longitudinal joint If fusion welded, state name of welding

Have all the requirements for the Rules for Class I vessels been complied with Diameter of rivet holes

of rivets Thickness of straps Percentage strength of long. joint plate rivet

vn or End Plates:—Range of tensile strength Thickness Radius or how stayed

PERHEATER, Drums or Headers:—Number in each boiler Inside diameter

tness Material Range of tensile strength Are drum shell plates welded

ged If fusion welded, state name of welding firm Have all the requirements of the Rules

Class I vessels been complied with Description of riveting:—Circ. seams long. seams

Pitch of rivets Thickness of straps Percentage strength of

joint:—Plate Rivet Diameter of tube holes in drum Pitch of tube holes Percentage strength of

shell in way of tubes Drum Heads or Ends:—Thickness Range of tensile strength

us or how stayed Size of manhole or handhole Number, diameter, and thickness of tubes

ed by hydraulic pressure to Date of test Is a safety valve fitted to each section of the superheater which

be shut off from the boiler No. and description of safety valves Area of each set

ulves Pressure to which they are adjusted Is easing gear fitted

4.6 Gear. Has the spare gear required by the Rules been supplied

2.5. The foregoing is a correct description, uz Tvoronica Parnih Kotlova by D. Kotlova

Is the approved plan of boiler forwarded herewith yes

Total No. of visits

Is boiler a duplicate of a previous case yes If so, state vessel's name and report No. Rka. 1233 & 1269

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c. The boiler referred herein has been constructed

er Special Survey in accordance with the Rules of the Society's approved plans and Secretary letters. The material

workmanship are good.

My opinion this boiler is suitable for installation in a ship classed with Society.

Survey Fee ... £ 12-0-0 + 25.200. When applied for 19

Travelling Expenses (if any) £ 6.500.- Din. When received 19

FRIDAY 13 JUL 1962

Date

Committee's minute

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

Lloyd's Register Foundation