

Rpt. 5c.

REPORT ON WATER TUBE BOILERS.

No. Rka. 1233

Received at London Office

Date of writing Report 8.6. 19 61 When handed in at Local Office 19 Port of Rijeka

No. in Survey held at Zagreb Date, First Survey 21.3.61, Last Survey 18.5. 19 61.

Reg. Book. (Number of Visits 8) Tons Gross Net

Built at Rijeka By whom built Brodogradiliste 3.Maj Yard No. 480 When built

Engines made at Mantes-la-Jolie (Seine&Oise) By whom made C.C.M. Sulzer Engine No. 42436-42441 When made 1959-1960

Boilers made at Zagreb By whom made Tvornica Parnih Kotlova Boiler No. 2888 When made 1961

HS for Register Book 212 Owners Port belonging to

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

Date of Approval of plan 17.11.1960 Working Pressure 7 kg/sq.cm. Tested by Hydraulic Pressure to 14 kg/sq.cm. No. and Description or Type of Boilers One Exhaust Gas "Lamont" Date of Test 18.5.61.

No. of Certificate Rka. 70 Can each boiler be worked separately Total Heating Surface of Boilers 212 sq.mm Superheaters -

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

No. and type of burners (oil) in each boiler 2 x 80 mm bore H.L. type Area of each set of valves per boiler per rule 6104 sq.mm as fitted 10040 sq.mm Pressure to which they are adjusted 7 kg/sq.cm. Are they fitted with easing gear

In case of donkey boilers state whether steam from main boilers can enter the donkey boiler Smallest distance between boilers or uptakes and bunkers or woodwork Height of boiler 2850 mm

Width and length 2550x2070 mm Steam Drums: Number in each boiler - Inside diameter - Thickness of plates - Range of tensile strength - Are drum shell plates welded or flanged If fusion welded, state name of welding firm Have all the requirements of the Rules for Class I vessels been complied with

Description of riveting: - Circ. seams - long. seams Diameter of rivet holes in long. seams Pitch of rivets Thickness of straps Percentage strength of long. joint: - Plate - Rivet - Diameter of tube holes in drum Pitch of tube holes

Percentage strength of shell in way of tubes Steam Drum Heads or Ends: - Range of tensile strength Thickness of plates Radius or how stayed Size of manhole or handhole Water Drums: - Number in each boiler - Inside diameter - Thickness of plates - Range of tensile strength - Are drum shell plates welded or flanged If fusion welded, state name of welding firm Have all the requirements of the Rules for Class I vessels been complied with

Description of riveting: - Circ. seams - long. seams Diameter of rivet holes in long. seams Pitch of rivets Thickness of straps Percentage strength of long. joint: - Plate - Rivet - Diameter of tube holes in drum Pitch of tube holes

Percentage strength of drum shell in way of tubes Water Drum Heads or Ends: - Range of tensile strength Thickness of plates Radius or how stayed Size of manhole or handhole

Headers or Sections: - Number 2 vertical Material S.M. Steel Thickness 8 mm Tested by hydraulic pressure to 14 kg/sq.c. Tubes: - Diameter 32 MM Thickness 3 MM Number 22 double coils Steam Dome or Collector: - Description of joint to shell Inside diameter Thickness of shell plates Range of tensile strength

Strength 36-47 kg/sq.mm Description of longitudinal joint If fusion welded, state name of welding firm Have all the requirements for the Rules for Class I vessels been complied with Diameter of rivet holes

Pitch of rivets Thickness of straps Percentage strength of long. joint plate rivet Crown or End Plates: - Range of tensile strength Thickness Radius or how stayed

SUPERHEATER, Drums or Headers: - Number in each boiler Inside diameter Thickness Material Range of tensile strength Are drum shell plates welded or flanged If fusion welded, state name of welding firm Have all the requirements of the Rules for Class I vessels been complied with

Description of riveting: - Circ. seams - long. seams Diameter of rivet holes in long. seams Pitch of rivets Thickness of straps Percentage strength of long. joint: - Plate - Rivet - Diameter of tube holes in drum Pitch of tube holes Percentage strength of drum shell in way of tubes

Drum Heads or Ends: - Thickness - Range of tensile strength Radius or how stayed Size of manhole or handhole Number, diameter, and thickness of tubes Tested by hydraulic pressure to Date of test Is a safety valve fitted to each section of the superheater which can be shut off from the boiler No. and description of safety valves Area of each set of valves Pressure to which they are adjusted Is easing gear fitted

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

TVORNICA PARNIH KOTLOVA
TEH. KONTROLA
ZAGREB
The foregoing is a correct description,
Manufacturer.

Dates of Survey During progress of work in shops - - from 21.3.61. to 18.5.61. Is the approved plan of boiler forwarded herewith yes

while building During erection on board vessel - - Total No. of visits

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 herein has been constructed under Special Survey in accordance with the Rules of the Society's approved plans and Secretary letters. The material and workmanship are good.

Survey Fee ... £ 12-0-0+25200/- When applied for 19

Travelling Expenses (if any) Din. 10418.-: When received 19

Date FRIDAY 23 MAR 1962
Committee's Minute See Rka 1349
Engineer Surveyor to Lloyd's Register of Shipping (J. Racki)



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