

REPORT ON WATER TUBE BOILERS.

Received at London Office

Date of writing Report 26.9. 1964 When handed in at Local Office 26.9. 1964 Port of Gdańsk
 No. in Survey held at Gdańsk and Szczecin Date, First Survey Last Survey 19
 Reg. Book. M.V. "JOHANNES LATUHARHARY"
 on the Built at Szczecin- Poland By whom built St. Szczecińska Yard No. B 454/6 When built 1964
 Engines made at Gdańsk By whom made Stocznia Gdańska Engine No. When made 6-1963
 Boilers made at By whom made Indonesian Government Boiler No. 2072 When made 6-1963
 HS for Register Book Owners Huta Jedność, Huta Kościuszko; Huta Batory

WATER TUBE BOILERS - MAIN-AUXILIARY OR DONKEY. - Manufacturers of Steel
 Date of Approval of plan 20-5-1960 No. and Description or Type 6.6.63
 of Boilers One- Vertical Exhaust Heat Working Pressure 7kgs/cm² Tested by Hydraulic Pressure to 14kgs/cm² Date of Test 6.6.63
 No. of Certificate GDK 100 Can each boiler be worked separately. - Total Heating Surface of Boilers Superheaters No
 Half Economisers No Is forced draught fitted Area of Fire Grate (coal) in each Boiler None- Exhaust heat only
 No. and type of burners (oil) in each boiler No. and description of safety valves on

each boiler one-twin-improved lift type Area of each set of valves per boiler
 are adjusted 7 1/2 kgs/cm² Are they fitted with easing gear yes In case of donkey boilers state whether steam from main boilers can enter Economiser
 the donkey boiler. yes Smallest distance between boilers or uptakes and bunkers or woodwork. none adjacent Height of boiler 3850mm
 Width and length 2340 x 2140mm Steam Drums: Number in each boiler none 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 Tested by hydraulic pressure to 14kgs/cm²
 Headers or Headers: Number two Material SM Steel Thickness 6mm
 Tubes: Diameter 32mm Thickness 3mm Number 21 Steam Dome or Collector: Description of
 joint to shell Inside diameter Thickness of shell plates Range of tensile
 strength 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 None Inside diameter
 SUPERHEATER, Drums or Headers: Number in each boiler Range of tensile strength Are drum shell plates welded
 Thickness Material Range of tensile strength Have all the requirements of the Rules
 or flanged If fusion welded, state name of welding firm long. seams
 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

The foregoing is a correct description,

1/1 12/2

Manufacturer.

20-5-60

Is the approved plan of boiler forwarded herewith

Total No. of visits

Dates of Survey During progress of work in shops 20,22.05; 6.06.1963
 while building During erection on board vessel - - -

Is this boiler a duplicate of a previous case Yes If so, state vessel's name and report No. FEM 071 "HADJI AGUS SALIM"
 GENERAL REMARKS (State quality of workmanship, opinions as to class, etc.) The La mont Exhaust heat Economiser described
 herein has been constructed under Special Survey and in accordance with the Rules, approved plans
 and Secretary's letters. The materials used, and the workmanship are of good quality. The Economiser
 has been efficiently installed on board the M.V. JOHANNES LATUHARHARY
 Safety Valves and compression rings distances are: Stbd 13,8mm Port 14,8mm

Survey Fee £ 6.10.0 - 10% = £ 5.15.0 When applied for 19
 Travelling Expenses (if any) £ 350.- When received 19

Date
 Committee's Minute

See Rpt. 1.

Engineer Surveyor to Lloyd's Register of Shipping.

Lloyd's Register Foundation

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