

REPORT ON WATER TUBE BOILERS.

No. 2077

Received at London Office

29 SEP 1958

Date of writing Report 19th Sept, 19 58 When handed in at Local Office 20th Sept 19 58 Port of Kiel
 No. in Survey held at Kiel Date, First Survey 8th July, 1958 Last Survey 12th Sept., 19 58
 Reg. Book. (Number of Visits 7) Gross Tons
 on the not known *Chopin*
 Built at Split/Yugoslavia By whom built Messrs. Brodogradiliste Yard No. 152 When built
 Engines made at By whom made Engine No. When made
 Boilers made at Kiel By whom made Messrs. Kieler Howaldt & Ag. Boiler No. 402 When made 1958
 HS for Register Book Owners Port belonging to

WATER TUBE BOILERS—MAIN, AUXILIARY, OR DONKEY.—Manufacturers of Steel *Klöckner-Georgsmarienwerke AG, Osnabrück*
Phoenix-Rheinrohr AG, Düsseldorf

Date of Approval of plan April 18th, 1958, June 18th, 1958, July 30th, 1958 No. and Description or Type
 of Boilers One La Mont Type Exhaust Gas Working Pressure 7kg/cm² Tested by Hydraulic Pressure to 16kg/cm² Date of Test 12.9.58

No. of Certificate 563 Can boiler be worked separately no Total Heating Surface of Boilers 1712 sq. ft (212m²) Superheaters
 Half Economisers Is forced draught fitted exhaust gas heated Area of Fire Grate (coal) in each Boiler

No. and type of burners (oil) in each boiler Exhaust gas heated only No. and description of safety valves on

each boiler none fitted *Fitted at Split* Area of each set of valves per boiler per rule 2x70mm as fitted 7697mm Pressure to which they

are adjusted 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 4860mm

Width and length 1187 mm dia. 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 none

Thickness of plates Radius or how stayed Size of manhole or handhole Water 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 drum shell in way of tubes Water Drum Heads or Ends:—Range of tensile strength none

Thickness of plates Radius or how stayed Size of manhole or handhole Tested by hydraulic pressure to 16 kg/cm²

Headers or Sections:—Number 2 headers Material SM steel Thickness 8 mm Number 22 Steam Dome or Collector:—Description of

Coils Diameter 32 mm Thickness 8 mm joint to shell none Inside diameter 3mm 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 Thickness Radius or how stayed

SUPERHEATER, Drums or Headers:—Number in each boiler none 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: none 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,
KIELER HOWALDTSWERKE
 Aktiengesellschaft Manufacturer.

Dates of Survey During progress of work in shops July 8 (2), 16, 21 August 1, Sept. 2, 12 Is the approved plan of boiler forwarded herewith yes
 while building During erection on board vessel Total No. of visits 7

Is this boiler a duplicate of a previous case no (yes) If so, state vessel's name and report No.

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c. This La Mont type exhaust gas boiler has been
 constructed in accordance with the Society's Rules and Regulations, the approved plans and the Secretary's
 letters. The materials have been tested by this Society's Surveyors. Workmanship good. In the opinion of the
 undersigned this boiler is suitable for installation aboard a classed ship at a working pressure of 7kg/cm².

Survey Fee ... £ 34. 0. 0 When applied for 19
 Travelling Expenses (if any) £ 2. 0. 0 When received

London 1/10

Engineer Surveyor to Lloyd's Register of Shipping.

Date FRIDAY 23 OCT 1959

Committee's Minute

Lloyd's Register

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18 NOV 1958

S.V. particulars to note