

REPORT ON WATER TUBE BOILERS.

No. 6597

Secondary Circuit.

Received at London Office

20 JUN 1958

Report 5.6.1958 When handed in at Local Office 1958 Port of Hamburg

Survey held at Hamburg Date, First Survey / Last Survey / 1958

on the S. S. Yard No 220 (Number of Visits /) Gross / Tons Net /

Paula By whom built Prologradilits Nijamik Yard No. 220 When built /

By whom made Messener Eisenwerk Engine No. / When made /

By whom made Messener Eisenwerk Boiler No. 5968/69 When made 1958

Register Book 2 x 3090, 3094 Owners / Port belonging to /

TUBE BOILERS—MAIN, AUXILIARY, OR DONKEY Manufacturers of Steel Ruhrtal-Industrie, Bottingen

approval of plan 11.9.57-13.12.57 Working Pressure 12.5 kg/cm² Tested by Hydraulic Pressure to 22.4 + 2.5.58 Date of Test 22.4 + 2.5.58

2 x Indirect Evaporation Boilers Total Heating Surface of Boilers 2 x 723.1 m² Superheaters none

Can each boiler be worked separately yes Is forced draught fitted yes Area of Fire Grate (coal) in each Boiler Steam heated (evaporation)

Is forced draught fitted yes No. and description of safety valves on one double spring loaded, ordinary

Are they fitted with easing gear yes In case of donkey boilers state whether steam from main boilers can enter no

Smallest distance between boilers or uptakes and bunkers or woodwork / Height of boiler 6755 mm

Steam Drums: Number in each boiler one Inside diameter 1674 mm

Range of tensile strength 46.7 kg/cm² Are drum shell plates welded welded

If fusion welded, state name of welding firm Ruhrtal A.G. Bottingen Have all the requirements of the Rules yes

Description of riveting:—Circ. seams / long. seams /

Pitch of rivets / Thickness of straps / Percentage strength of /

Diameter of tube holes in drum none Pitch of tube holes /

Steam Drum Heads or Ends:—Range of tensile strength 43.4 kg/cm²

Size of manhole or handhole 320 x 425 mm Water Drums:—Number /

Water Drum Heads or Ends:—Range of tensile strength /

Size of manhole or handhole / Are drum shell plates /

Thickness of plates / Range of tensile strength / Have all the requirements of the Rules yes

If fusion welded, state name of welding firm / Description of riveting:—Circ. seams / long. seams /

Pitch of rivets / Thickness of straps / Percentage strength of /

Diameter of tube holes in drum / Pitch of tube holes /

Water Drum Heads or Ends:—Range of tensile strength /

Size of manhole or handhole / Are drum shell plates /

Thickness of plates / Range of tensile strength / Have all the requirements of the Rules yes

If fusion welded, state name of welding firm / Description of riveting:—Circ. seams / long. seams /

Pitch of rivets / Thickness of straps / Percentage strength of /

Diameter of tube holes in drum / Pitch of tube holes /

Water Drum Heads or Ends:—Range of tensile strength /

Size of manhole or handhole / Are drum shell plates /

Thickness of plates / Range of tensile strength / Have all the requirements of the Rules yes

If fusion welded, state name of welding firm / Description of riveting:—Circ. seams / long. seams /

Pitch of rivets / Thickness of straps / Percentage strength of /

Diameter of tube holes in drum / Pitch of tube holes /

Water Drum Heads or Ends:—Range of tensile strength /

Size of manhole or handhole / Are drum shell plates /

Thickness of plates / Range of tensile strength / Have all the requirements of the Rules yes

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Diameter of tube holes in drum / Pitch of tube holes /

Water Drum Heads or Ends:—Range of tensile strength /

Size of manhole or handhole / Are drum shell plates /

Thickness of plates / Range of tensile strength / Have all the requirements of the Rules yes

If fusion welded, state name of welding firm / Description of riveting:—Circ. seams / long. seams /

Pitch of rivets / Thickness of straps / Percentage strength of /

Diameter of tube holes in drum / Pitch of tube holes /

Water Drum Heads or Ends:—Range of tensile strength /

During progress of work in shops 5/2, 7, 13, 20, 6/3, 13, 19, 27, 3/4, 9, 12, 17 Is the approved plan of boiler forwarded herewith no

During erection on board vessel 22, 30, 3/5, 6, 14, 21, 30.5.58 Total No. of visits 19

Has the spare gear required by the Rules been supplied yes Is easing gear fitted /

Pressure to which they are adjusted 12.5 kg/cm² Area of each set /

FRIDAY 10 JUL 1958

Survey Fee £1458 When applied for 18/6/58

Travelling Expenses (if any) £11.95 When received 18/6/58

W. O. [Signature] Engineer Surveyor to Lloyd's Register of Shipping.