

REPORT ON WATER TUBE BOILERS.

No. 391

Received at London Office
 Report 11th April 1952 When handed in at Local Office 19 Port of Bremen
 Date, First Survey 14th December 51 Last Survey 8th April, 1952
 (Number of Visits 5) Gross 11083
 M.V. "BONITA"
 By whom built Bremer Vulkan Yard No. 816 When built 4.52
 By whom made Bremer Vulkan Engine No. 408 When made 4.52
 By whom made Bremer Vulkan Boiler No. 1019 When made 4.52
 Owners A/B Dalen Port belonging to Göteborg

TYPE BOILERS - MAIN, AUXILIARY, OR DONKEY. Manufacturers of Steel Rheinische Röhrenwerke, Mülheim/Ruhr
 Stahl- und Röhrenwerke, Reisholz
 No. and Description or Type
 La mont exhaust heat Working Pressure 12.6 Atm Tested by Hydraulic Pressure to 22.5 Atm Date of Test 4.2.52
 Can each boiler be worked separately yes Total Heating Surface of Boilers 100 m²
 Area of Fire Grate (coal) in each Boiler nil
 No. and description of safety valves on
 40 mm safety valve, spring loaded Area of each set of valves per boiler { per rule 1,250 mm² as fitted } Pressure to which they
 2.6 atm Are they fitted with easing gear yes, direct In case of donkey boilers state whether steam from main boilers can enter
 Smallest distance between boilers or uptakes and bunkers or woodwork about 12 m Height of boiler 1,900 mm
 Steam Drums:—Number in each boiler — Inside diameter —
 Range of tensile strength — Are drum shell plates welded
 If fusion welded, state name of welding firm — Have all the requirements of the Rules
 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 —
 Steam Drum Heads or Ends:—Range of tensile strength —
 Radius or how stayed — Size of manhole or handhole —
 Water Drums:—Number
 Inside diameter — Thickness of plates — Range of tensile strength — Are drum shell plates
 If fusion welded, state name of welding firm — Have all the requirements of the Rules
 Description of riveting:—Circ. seams — long. seams —
 Pitch of rivets — Thickness of straps —
 Diameter of tube holes in drum — Pitch of tube holes —
 Water Drum Heads or Ends:—Range of tensile strength —
 Radius or how stayed — Size of manhole or handhole —
 Number two Material S.M. steel Thickness 16 mm Tested by hydraulic pressure to 22.5 atm
 Thickness 3 mm Number 36 tube elements Steam Dome or Collector:—Description of
 Inside diameter — Thickness of shell plates — Range of tensile
 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 —
 Thickness of straps — Percentage strength of long. joint — plate — rivet —
 Plates:—Range of tensile strength — Thickness — Radius or how stayed —
 Drums or Headers:—Number in each boiler — Inside diameter —
 Material — Range of tensile strength — Are drum shell plates welded
 If fusion welded, state name of welding firm — Have all the requirements of the Rules
 Description of riveting:—Circ. seams — long. seams —
 Pitch of rivets — Thickness of straps — Percentage strength of
 Rivet — Diameter of tube holes in drum — Pitch of tube holes — Percentage strength of
 Drum Heads or Ends:—Thickness — Range of tensile strength —
 Size of manhole or handhole — Number, diameter, and thickness of tubes —
 Date of test — Is a safety valve fitted to each section of the superheater which
 No. and description of safety valves — Area of each set
 Pressure to which they are adjusted — Is easing gear fitted —
 Has the spare gear required by the Rules been supplied yes

The foregoing is a correct description,
M. Oelshel Manufacturer.

Is the approved plan of boiler forwarded herewith yes
 Total No. of visits 5

If so, state vessel's name and report No. "DAGMAR SALEN," Rpt.No. 355.

REMARKS (State quality of workmanship, opinions as to class, &c. These boilers have been constructed under Special
 conformity with the Society's Rules and Regulations, the approved plans and the Secretary's letters. The
 workmanship are good. The boilers have been examined during construction, properly installed in the above
 defined under working conditions and found good.

Expenses (if any) £ 360.00 : : When applied for 19. : : When received 19.

TUES. 15 JUL 1952

Engineer Surveyor to Lloyd's Register of Shipping.

See P.E. usky rpt

