

REPORT ON WATER TUBE BOILERS.

No. 10222

Received at London Office 29 JUN 1954

of writing Report 7th May 1954 When handed in at Local Office 19 Port of Baltimore Maryland
in Survey held at Sparrows Point, Maryland Date, First Survey 17th Dec. 1953 Last Survey 27 April 1954
Bk. on the S.S. JOHN P.G. (Number of Visits 3) Tons { Gross 18717
Net 11567
at Sparrows Point, Maryland By whom built Bethlehem Sparrows Point Shipyard Inc When built 1954
es made at Quincy, Mass. By whom made Bethlehem Steel Co. When made 1953
s made at Carteret, N.J. By whom made Foster Wheeler Corp. When made 1953
nal Horse Power 3,000 Owners Bilboa Compania Naviera S.A. Port belonging to Panama

WATER TUBE BOILERS—MAIN, AUXILIARY, OR DONKEY.—Manufacturers of Steel Bethlehem Steel Corp.of Approval of plan 3rd OCTOBER, 1948, NEW YORK Number and Description or Type
One Compressed Air Tank Working Pressure 125 p.s.i. Tested by Hydraulic Pressure to 250 p.s.i. Date of Test 17 Dec. 1953of Certificate - Can each boiler be worked separately - Total Heating Surface of Boilers Air Tank
forced draught fitted - Area of fire grate (coal) in each Boiler -and type of burners (oil) in each boiler - No. and description of safety valves on
r Tankboiler One 1/2" Relief Valve Area of each set of valves per boiler { per rule -
as fitted .196 Pressure to which theyadjusted 125 p.s.i. Are they fitted with easing gear yes In case of donkey boilers state whether steam from main boilers can enter
donkey boiler - Smallest distance between boilers or uptakes and bunkers or woodwork - Cap. of tank 30 cu. ft.
Height of boiler 30 cu. ft.th and Length 5'-3 1/2" Steam Drums: Number in each boiler one Inside diameter 35 1/4"thickness of plates 3/8" Range of Tensile Strength 55,000-65,000 p.s.i. Are drum shell plates weldedanged welded If fusion welded, state name of welding firm Bethlehem Steel Co. Have all the requirements of the rulesClass I vessels been complied with - Description of riveting: Cir. seams - long. seams -meter of rivet holes in long. seams - Pitch of rivets - Thickness of straps - Percentage strength ofjoint: 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 3/8" Radius or how stayed - Size of manhole or handhole 5" flanged pipe opening Water Drums: Numbereach boiler 3/8" Inside Diameter - Thickness of plates - Range of tensile strength - Are drum shell platesled or flanged - If fusion welded, state name of welding firm - Have all the requirements of the rulesClass I vessels been complied with - Description of riveting: Cir. seams - long. seam -meter 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 -ders or Sections: Number - Material - Thickness - Tested by Hydraulic Pressure to -es: Diameter - Thickness - Number - Steam Dome or Collector: Description ofto Shell - Inside diameter - Thickness of shell plates - Range of tensilegth - Description of longitudinal joint - If fusion welded, state name of welding- Have all the requirements of the rules for Class I vessels been complied with - Diameter of rivet holes -of rivets - Thickness of straps - Percentage strength of long. joint - Plate - Rivet -wn or End Plates: Range of tensile strength - Thickness - Radius or how stayed -PERHEATER. Drums or Headers: Number in each boiler - Inside Diameter -thickness - Material - Range of tensile strength - Are drum shell plates weldedanged - If fusion welded, state name of welding firm - Have all the requirements of the rulesClass I vessels been complied with - Description of riveting: Cir. seams - long. seams -meter of rivet holes in long. seams - Pitch of rivets - Thickness of straps - Percentage strength ofjoint: Plate - Rivet - Diameter of tube holes in drum - Pitch of tube holes - Percentage strength ofa shell in way of tubes - Drum Heads or Ends: Thickness - Range of tensile strength -us or how stayed - Size of manhole or handhole - Number, diameter, and thickness of tubes -ed by Hydraulic Pressure to - Date of Test - Is a safety valve fitted to each section of the superheater whichbe shut off from the boiler - No. and description of Safety Valves - Area of each setvalves - Pressure to which they are adjusted - Is easing gear fitted -re Gear. Has the spare gear required by the rules been supplied -

The foregoing is a correct description,

Manufacturer.

ates } During progress of } 17th Dec. 1953 Is the approved plan of boiler forwarded herewith No.
Survey } work in shops - - }
hile } During erection on } 12.27 April 1954 Total No. of visits 3
lding } board vessel - - }

is boiler a duplicate of a previous case yes If so, state vessel's name and report No. S.S. Andross Sea, Baltimore 91752GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) S.S. Las Piedras No. 9852

This class 11 pressure vessel for ships service conferred air system has been constructed in accordance with
the approved plan, it was hydrostatically tested and examined under working conditions aboard the vessel. The
workmanship and material throughout are good.

Survey Fee £ : : } When applied for, 19
Travelling Expenses (if any) £ : : } When received, 19

Committee's Minute
signed See minute on first entry Rpt. attached

NEW YORK JUN 9 1954

Engineer Surveyor to Lloyd's Register of Shipping.

Lloyd's Register

008201-008210-0165