

REPORT ON WATER TUBE BOILERS.

16 FEB 1949

Received at London Office

Writing Report 31 Dec. 1948 When handed in at Local Office 31 Dec 1948 Port of Baltimore, Maryland
 in Survey held at Baltimore, Maryland Date, First Survey 6th August Last Survey 2nd September 1948
 on the SS "OLYMPIC GAMES" (Number of Visits 2) Tons { Gross 10901
 Net 6549
 at Sparrows Point, Maryland By whom built Bethlehem Sparrows Point, Shipyard, When built 1948
 made at Lester, Pennsylvania By whom made Westinghouse Inc. When made 1945
 made at Carteret, N. J. By whom made Foster Wheeler When made 1945
 Horse Power 1029 Owners Sociedad Industrial Maritima Financiera Ariona Panama S.A. Port belonging to Puerto Cortez

WATER TUBE BOILERS—MAIN, AUXILIARY, OR DONKEY—Manufacturers of Steel Bethlehem Steel Corp.

Approval of plan 74 K 205 - 17420 Number and Description or Type
 of Tank one - Vertical Tank Working Pressure 125 Tested by Hydraulic Pressure to 188 Date of Test 6th Aug. 1948

Certificate AB 211 Can each boiler be worked separately Yes Total Heating Surface of Boilers 27 cu. ft.

draught fitted - Area of fire grate (coal) in each Boiler unfired

type of burners (oil) in each boiler unfired No. and description of safety valves on boiler one - Spring Loaded 1" Area of each set of valves per boiler { per rule - Pressure to which they as fitted -

adjusted 105 Are they fitted with easing gear yes In case of donkey boilers state whether steam from main boilers can enter donkey boiler - Tank and Bulkhead Smallest distance between boiler or uptake and donkey or woodwork 12" Height of tank 6'-8 1/32"

and Length - Steam Drums:—Number in each boiler - Inside diameter Tank 2'-5 3/8"

thickness of plates 5/16 Range of Tensile Strength 55000 Are drum shell plates welded welded If fusion welded, state name of welding firm Bethlehem Steel Co. Have all the requirements of the rules

Class I vessels been complied with Yes Description of riveting:—Cir. seams - long. seams -

diameter of rivet holes in long. seams - Pitch of rivets - Thickness of straps - Percentage strength of joint:—Plate 90% 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 55000

thickness of plates 5/16" Radius or how stayed 30" x 5/16" Size of manhole or handhole 2-3 1/4" x 4 7/8" Water Drums:—Number 1 Inside Diameter 30" x Dished Radius x 1 7/8" 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

Class I vessels been complied with - Description of riveting:—Cir. seams - long. seam -

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 -

Sections:—Number - Material - Thickness - Tested by Hydraulic Pressure to -

Sections:—Diameter none Thickness - Number - Steam Dome or Collector:—Description of

to Shell - Inside diameter - Thickness of shell plates - Range of tensile

strength - 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 -

Thickness of straps - Percentage strength of long. joint - Plate - Rivet -

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The foregoing is a correct description,

Manufacturer.

Dates of Survey During progress of work on ship - 6th August 1948 Is the approved plan of boiler forwarded herewith no
 while on board vessel During erection on board vessel - 2nd Sept. 1948 Total No. of visits 2

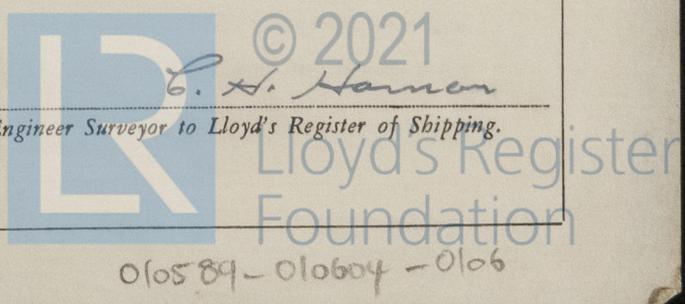
Is this boiler a duplicate of a previous case no If so, state vessel's name and report No. -

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) This small air tank for compressed air system was constructed under special survey for American Bureau of Shipping and in accordance with the approved plan. The workmanship and material are good. Tank has now been installed on vessel and seen under working conditions.

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

Committee's Minute
 signed See First Entry Report attached -

NEW YORK JAN 19 1949



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