

Please attach to Baltimore Report No 3100.

Rpt. 5b.

# REPORT ON BOILERS.

No. 3735

Received at London Office

Date of writing Report 1<sup>st</sup> April 1920 When handed in at Local Office 1<sup>st</sup> April 1920 Port of Philadelphia  
No. in Survey held at Philadelphia & Baltimore Date, First Survey Feb 18<sup>th</sup> 1920 Last Survey 26<sup>th</sup> March 1921  
Reg. Book. 50243 on the S. S. "Aguipond" Sparrows Point Plant Hull 4206 Tons 5029  
Master Sparrows Pt Md By whom built Bethlehem S. B. Corp When built 1921  
Boilers made at Wilmington Delaware By whom made Bethlehem Shipbuilding Corp Ltd When made 1920  
Owners Atlantic Gulf & West Indies S. S. Co. Port belonging to New York

VERTICAL DONKEY BOILER No.            Description Vertical Manufacturers of steel Lukens I. & S. Co.  
Made at Wilmington By whom made Bethlehem Shipbuilding Corporation Ltd When made 1920 Where fixed Boiler Room Working pressure 125  
tested by hydraulic pressure to 190 Date of test 18.3.20 No. of Certificate 436 Fire grate area 4.9 Description of safety valves 2 Spring  
No. of safety valves 1 Area of each 3.142 Pressure to which they are adjusted 125 lb If fitted with easing gear Yes If steam from main boilers can  
enter the donkey boiler No Dia. of donkey boiler 3'-0" I.D. Length 4'-0" Material of shell plates Steel Thickness 3/32" Range of tensile  
strength 60,000 lbs Descrip. of riveting long. seams D. R. LAP. Dia. of rivet holes 3/4" Whether punched or drilled drilled Pitch of rivets 2 3/4"  
Lap of plating 12" Per centage of strength of joint 79.4 Rivets 72.7 Plates Working pressure of shell by rules 138 Thickness of shell crown plates 1/2"  
Radius of do. Flat No. of Stays to do. ✓ Dia. of stays ✓ Diameter of furnace Top 2'-6" Bottom 2'-6" Length of furnace 19 5/8"  
Thickness of furnace plates 3/8" Description of joint S. R. LAP. Working pressure of furnace by rules 151 Thickness of furnace crown  
plates 7/16" Radius of do. Flat Stayed by tubes Diameter of uptake ✓ Thickness of uptake plates ✓  
Thickness of water tubes ✓ The foregoing is a correct description,

C. B. Jernin Manufacturer.  
BETHLEHEM SHIPBUILDING CORP., LTD. HARLAN PLANT

Dates of Survey while building  
During progress of work in shops - 1920. Feb 18. March 9, 12, 18, 23.  
During erection on board vessel - 1921 Feb 28<sup>th</sup> March 8 - 15 - 23 - 26  
Total No. of visits 10

Is the approved plan of boiler forwarded herewith Retained for duplicate

## GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.)

This boiler has been constructed under Special Survey and in accordance with approved plan. The materials and workmanship are good. To complete the survey the boiler to be installed on board, mountings to be fitted and safety valves adjusted under steam.

The above boiler has been installed at builders yard at Sparrows Pt. Md. Boiler mountings & safety valves & easing gear fitted. Safety Valves adjusted under steam & tested for accumulation & all satisfactory.

L. Newworthy per H.A.S.  
Baltimore.

Credit Philadelphia 25.00  
Survey Fee 35.00 : When applied for, 5<sup>th</sup> April 1921  
Travelling Expenses (if any) 2.50 : When received, 9.11.21

J. Blellock  
Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute

Assigned

See minute on First Entry report



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Lloyd's Register  
Foundation

W157-0153

W157-0150