

REPORT ON BOILERS.

No. 13797

Received at London Office

JAN. 10. 1914

Port of Hamburg
 Date, First Survey 3rd July Last Survey 31st Decr. 1913
 No. in Survey held at Flensburg
 No. of Book 80 on the Steel S.S. "Schneepels"
 Built at Flensburg By whom built Flensburger Schiffbau Ges. When built 1911
 Engines made at Flensburg By whom made Flensburger Schiffbau Ges. when made 1913
 Boilers made at Flensburg By whom made Flensburger Schiffbau Ges. when made 1913
 Registered Horse Power 530 Owners Deutsche Dampfschiff. Ges. Hansa Port belonging to Bremen

MULTITUBULAR BOILERS - MAIN, AUXILIARY OR DONKEY. - Manufacturers of Steel Fried. Krupp A.G. Essen
 "Furnaces" Rheinische Stahlwerke, Duisburg
 Is forced draft fitted no No. and Description of

Total Heating Surface of Boilers 1078 sq. ft.
 Working Pressure 120 lbs Tested by hydraulic pressure to 240 lbs Date of test 12.11.13.
 Can each boiler be worked separately yes Area of fire grate in each boiler 46.72 sq. ft.
 Area of each valve 7.29 in. dia. Pressure to which they are adjusted 120 lbs
 In case of donkey boilers, state whether steam from main boilers can enter the donkey boiler no
 Mean dia. of boilers 11" 11/16" Length 10' 3"
 Thickness .8" Range of tensile strength 28-32 Tons Are the shell plates welded or flanged no
 Diameter of rivet holes in long. seams 1" Pitch of rivets 6.37"
 Working pressure of shell by plate 84.5%
 No. and Description of Furnaces in each boiler 2 plain
 Outside diameter 37.4" Length of plain part 64.9" Thickness of plates .70"
 Working pressure of furnace by the rules 204.5 lbs Combustion chamber
 Material Steel Thickness: Sides .56" Back .56" Top .56" Bottom .87" Pitch of stays to ditto: Sides 7.87x7.5" Back 7.87x7.5"
 Working pressure by rules 130 lbs Material of stays Steel Diameter at smallest part 1.37"
 Working pressure by rules 214 lbs End plates in steam space: Material Steel Thickness .87"
 Working pressure by rules 199.9 lbs Material of stays Steel Diameter at smallest part 2.75"
 Working pressure by rules 249.1 lbs Material of Front plates at bottom Steel Thickness .937" Material of
 Working pressure of plate by rules 203.1 lbs Diameter of tubes 1.25"
 Material of tube plates Steel Thickness: Front .937" Back .8" Mean pitch of stays 9" Pitch across wide
 Working pressures by rules 120 lbs Girders to Chamber tops: Material Steel Depth and thickness of
 Distance apart 7.87" Number and pitch of Stays in each 3-7.08"
 Superheater or Steam chest; how connected to boiler no Can the superheater be shut off and the boiler worked
 Diameter no Length no Thickness of shell plates no Material no Description of longitudinal joint no Diam. of rivet
 Pitch of rivets no Working pressure of shell by rules no Diameter of flue no Material of flue plates no Thickness no
 Working pressure by rules no End plates: Thickness no How stayed no
 Area of safety valves to superheater no Are they fitted with casing gear no

The foregoing is a correct description.
Flensburger Schiffbau-Gesellschaft
 Manufacturer.

Is the approved plan of boiler forwarded herewith yes
 Total No. of visits 15

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.)
 This boiler has been built under Special Survey in accordance with the approved plan, the workmanship and material are of best quality and in my opinion this boiler is eligible to fit on board of classed vessel. For further particulars please see main Report on this Vessel's 1st Entry.

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

Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.
J. Köhler
 TUE. JAN. 13. 1914



1710-062M