

REPORT ON BOILERS.

No. 13945.

Received at London Office

MON. MAR. 31. 1913

Date of writing Report 25.3.1913. When handed in at Local Office 28.3.1913. Port of *Leith*Survey held at *Irishmouth* Date, First Survey 6th January, Last Survey 20th March, 1913.No. in Reg. Book. *pt 2* on the *Smoking Boiler No 311 for hook S B Co vessel 155 Dornes.* (Number of Visits 4.) Gross Tons NotMaster Built at *Goole* By whom built *Goole P. B. & Rigg Co Ltd* When built 1913-7Boilers made at *Irishmouth* By whom made *G. Black & Sons* When made 1913Owners *(M. Fische)* Port belonging to *Bodo*VERTICAL DONKEY BOILER— No. *one* Description *vertical* Manufacturers of steel *J. Dunlop & Co.*Made at *Irishmouth* By whom made *G. Black & Sons* When made *20/3/13* Where fixed *Stokehold* Working pressure *100 lbs*tested by hydraulic pressure to *200 lbs* Date of test *20/3/13* No. of Certificate *704* Fire grate area *13 sq ft* Description of safety valves *Two spring loaded*No. of safety valves *Two* Area of each *3.97* Pressure to which they are adjusted *100* If fitted with easing gear *yes* If steam from main boilers can enter the donkey boiler *no*Dia. of donkey boiler *6-0* Length *10-3* Material of shell plates *S* Thickness *7/16* Range of tensile strength *27/32*Descrip. of riveting long. seams *lap with* Dia. of rivet holes *13/16* Whether punched or drilled *drilled* Pitch of rivets *3 1/2*Lap of plating *5 5/8* Per centage of strength of joint *82* Working pressure of shell by rules *108* Thickness of shell crown plates *1/2*Radius of do. *5-0* No. of Stays to do. *5* Dia. of stays *1 3/4* Diameter of furnace Top *4-8* Bottom *5-5* Length of furnace *4-10*Thickness of furnace plates *5/8* Description of joint *lap with* Working pressure of furnace by rules *103* Thickness of furnace crown plates *5/8*Radius of do. *5-0* Stayed by *as shell crown* Diameter of uptake *15 3/4* Thickness of uptake plates *1/2*Thickness of water tubes *3/8*

The foregoing is a correct description.

Geo. Black & Sons Manufacturer.

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

This boiler has been built under special survey. The materials and workmanship were found to be sound and good.

This donkey boiler has now had its mountings fitted & the boiler secured on board in the Stokehold. Boiler examined under steam & its safety valves adjusted.

Survey Fee ... £ 2 : 2 :

Travelling Expenses (if any) £ 1 : 12 :

When applied for, 28.3.1913.

When received, 29.4.1913.

G. A. M. Frank A. Stanger
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute

TUE. JUL. 29. 1913

Assigned

*see Minute**on Hul. Rpt 26.5.13*

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