

S. J. Hornhead

DONKEY BOILER.

For the S.S. *Narland & Woffy 165° Sea*
Description *As night - 4 cross tubes*
Made by *Clark Chapman* at *Gateshead*
When made *22/12/85* Where fixed working
pressure *90* Tested by hydraulic pressure to *180*
No. of Certificate *1542* Fire grate area Description of safety
valves No. of safety valves area of each
If fitted with easing gear If steam from main boilers can enter the donkey
boiler dia. of donkey boiler *6-0* Length *13-6*
description of riveting *Steel* Lap Thickness of shell plates *1/2*
dia. of rivet holes *7/8* Whether punched or drilled *7/8* pitch of rivets *3 1/4*
Lap of plating *4 5/16* per centage of strength of joint *73*
Thickness of crown plates *5/8* stayed by *10 Stays 2" dia*
Dia. of furnace, top *4-5 1/2* bottom *5-1 1/4* length of furnace *6-6*
Thickness of plates *1/2* description of joint *Single Caps*
Thickness of furnace crown plates *1/2* stayed by *as above*
..... working pressure of shell by rules *101 lbs* Working
pressure of furnace by rules *90* dia. of uptake Thickness of plates
7/16 thickness of water tubes *3/8*

John Brockle

Engineer Surveyor to Lloyd's Register of
British and Foreign Shipping.

Newcastle

Fee £ : :

Expenses £ : :

*The Surveyors
Parron-in-Furness*

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