

The Survivors.
S.S. Lady Hancock. *Greenock*
Report No. 10348 DONKEY BOILER.

For the S.S. *Blackwood of Greenock No 226.*
Description... *vertical 2 + tubes*
Made by... *Clark Chapman & Co. Glasgow* at *Glasgow*
When made... *10.8.91* Where fixed... *at the bottom of the vessel* working pressure... *80* Tested by hydraulic pressure to... *160*
No. of Certificate... *3672* Fire grate area... *12.0* Description of safety valves... *Direct spring* No. of safety valves... *2* area of each... *3.44 sq. ft.*
If fitted with easing gear... *yes* If steam from main boilers can enter the donkey boiler... *no* dia. of donkey boiler... *4.9* Length... *9'-6"*
description of riveting... *lap double* thickness of shell plates... *$\frac{3}{8}$ "* dia. of rivet holes... *$\frac{3}{4}$ "* Whether punched or drilled... *drilled*
pitch of rivets... *$2\frac{3}{4}$ "* Lap of plating... *$3\frac{5}{8}$ "* per centage of strength of joint... *72* Thickness of crown plates... *$\frac{17}{32}$ "* stayed by... *4 bars 1 1/2" off* dia. of furnace, top... *3' 5 1/2"* bottom... *4' 1"*
length of furnace... *4' 3"* Thickness of plates... *$\frac{1}{2}$ "* description of joint... *lap joint* Thickness of furnace crown plates... *$\frac{1}{2}$ "* stayed by... *as shell crown* working pressure of shell by rules... *94* Working pressure of furnace by rules... *88* dia. of uptake... *12"* Thickness of plate... *$\frac{3}{8}$ "* thickness of water tubes... *$\frac{3}{8}$ "*

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

Fee £ : :
Expenses £ : :

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