

*J. S. Kathleen*

DONKEY BOILER.

Ship's Name or Yard No. *75 Osborne Graham*

Description *Vertical Cyl. 3 Cross tubes*

Made by *Mrs. Sudman & Co* at *Stockton* working

When made *16.2.88* Where fixed \_\_\_\_\_

pressure *70 lbs.* Tested by hydraulic pressure to *140 lbs.*

No. of Certificate *1525* Fire grate area \_\_\_\_\_ Description of safety

valves \_\_\_\_\_ No. of safety valves \_\_\_\_\_ area of each \_\_\_\_\_

If fitted with casing gear \_\_\_\_\_ If steam from main boilers can enter the donkey

boiler \_\_\_\_\_ dia. of donkey boiler *6.0* Length *13.6*

descriptn of riveting *double riv'd lap* Thickness of shell plates *15/32*

dia. of rivet holes *13/16* Whether punched or drilled *flush* pitch of rivets *2 1/4*

Lap of Plating *4 1/2* per centage of strength of joint *70*

Thickness of crown plates *15/32* stayed by *6 stays 1 1/2 dia. & uptake*

Dia. of furnace, top *4.10* bottom *5.4 1/2* length of furnace *5.4*

Thickness of plates *7/32* description of joint *single riv'd lap*

Thickness of furnace crown plates *7/32* stayed by *uptake*

*1 1/2* dia. working pressure of shell by rules *70 lbs.*

pressure of furnace by rules *69 1/4 lbs.* dia. of uptake *1 1/2* Thick

*3/8* thickness of water tubes *5/8*

SLD 958-0060