

## REPORT ON BOILERS.

No. 63285

Received at London Office

16/11/12

of writing Report 13th Nov. 1912 When handed in at Local Office Nov. 15. 1912 Port of Newcastle.

Survey held at Gateshead Date, First Survey 22nd June '12 Last Survey 12th Nov. 1912

Book. on the Donkey Boilers for Burnmeister & Wain's S/S 287  
Twin Sc. 400 T. S. S. Siam. Tons } Gross  
NetBuilt at By whom built When built  
Gateshead By whom made Clarke Chapman & Co 2259 E When made 1912

Port belonging to

VERTICAL DONKEY BOILER— No. 1 Description Cross tube Manufacturers of steel J. Spencer &amp; Sons

at Gateshead By whom made Clarke Chapman &amp; Co. When made 1912 Where fixed Working pressure 80 lb

ed by hydraulic pressure to 160 lb Date of test 12. 11. 12 No. of Certificate 8409 Fire grate area Description of safety valves

of safety valves Area of each Pressure to which they are adjusted If fitted with easing gear If steam from main boilers can

the donkey boiler Dia. of donkey boiler 4' 3" Length 9' 0" Material of shell plates steel Thickness 3/8" Range of tensile

length 28-32 Descrip. of riveting long. seams D. lap Dia. of rivet holes 3/4" Whether punched or drilled drilled Pitch of rivets 2 3/4"

of plating 3 5/8" Per centage of strength of joint Rivets 42.5 Working pressure of shell by rules 116 lb Thickness of shell crown plates 1/2"

Tons of do. 5' 0" No. of Stays to do. 3 Dia. of stays 1 1/2" Diameter of furnace Top 3' 2 3/8" Bottom 3' 1 7/8" Length of furnace 4' 0"

Thickness of furnace plates 7/16" Description of joint S. lap Working pressure of furnace by rules 102 lb Thickness of furnace crown

plates 7/16" Radius of do. 5' 0" Stayed by as above Diameter of uptake 12" Thickness of uptake plates 3/8"

Thickness of water tubes 3/8"

The foregoing is a correct description.  
For Clarke Chapman & Co Ltd.  
Manufacturer.

(Signed) W. A. Woodcock, Director

Dates	{	During progress of work in shops - -	1912	Jun 22 Jul 5. 12. 26 Aug 1. 13. 26 Sep 26. 27 Nov. 12
		During erection on board vessel - -		
		Total No. of visits	10	

Is the approved plan of boiler forwarded herewith No  
Forwarded with boiler 2259 E  
Rpt 62917

GENERAL REMARKS (State quality of workmanship, opinions as to class, &amp;c.) This donkey boiler has been constructed under special survey and the materials and workmanship are sound &amp; good

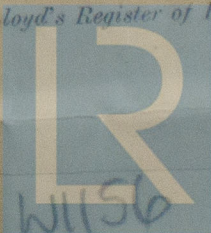
Survey Fee	...	£ 2 : 2. 0	When applied for, Nov. 1912
Travelling Expenses (if any)	£	:	When received, 1912

(Signed) Thomas Field  
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute

Assigned

THE ADD 454013



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Foundation