

## REPORT ON BOILERS.

No. 34081

Date of writing Report 30.5.1914 When handed in at Local Office 3-6-1914 Port of Glasgow  
 Received at London Office Wed. Jun. 10 1914  
 No. in Survey held at Glasgow Date, First Survey 10.3.14 Last Survey 26.5.1914  
 Reg. Book. 875. on the Donkey boiler for shipment for Steel Twin S.S. M.V. "Tongking" S.W. 295 Tons  
 (Number of Visits 3) Gross 5259.15 Net 3301.84  
 Master A. E. Kruse Built at Copenhagen By whom built Akt. Burmeister & Wain. When built 1914.  
 Boilers made at Glasgow By whom made Marriott & Graham. When made 1914.  
 Owners Akt. Selskabet Det Estasiatiske Kompagni Port belonging to Copenhagen.

VERTICAL DONKEY BOILER— No. 3429 Description Vertical Steel Co. of Scotland.  
 Made at Glasgow By whom made Marriott & Graham. When made 1914 Where fixed In the main space Manufacturers of steel Clydebridge Steel Co.  
 tested by hydraulic pressure to 160 Date of test 26-5-14 No. of Certificate 12737 Fire grate area 10.45 Description of safety valves Spring loaded (Adams)  
 No. of safety valves 2 off Area of each 2.4 sq. in. Pressure to which they are adjusted 80 lbs. If fitted with easing gear Yes If steam from main boilers can enter the donkey boiler No main boilers Dia. of donkey boiler 4'-3" Length 9'-0" Material of shell plates S Thickness 3/8" Range of tensile strength 28/32 Descrip. of riveting long. seams d l. Dia. of rivet holes 13/16" Whether punched or drilled d Pitch of rivets 2 3/4"  
 Lap of plating 1 1/4" Per centage of strength of joint Rivets 85.4 Plates 70.5 Working pressure of shell by rules 114 lbs Thickness of shell crown plates 7/16"  
 Radius of do. 5'-0" No. of Stays to do. 1 Dia. of stays 1 Diameter of furnace Top 3'-9" Bottom 3'-11" Length of furnace 4'-9"  
 Thickness of furnace plates 7/16" Description of joint Lap welded Working pressure of furnace by rules 145 lbs Thickness of furnace crown plates 7/16" Radius of do. 3'-9" Stayed by Hemisphere Diameter of uptake 12 1/2" Thickness of uptake plates 7/16"  
 Thickness of water tubes 3/8"

The foregoing is a correct description.  
 (Signed) Marriott & Graham. Manufacturer.

Dates During progress of work in shops - 1914 - Mar. 10. 21. May 26  
 of Survey During erection on board vessel - -  
 while building Total No. of visits 3

Is the approved plan of boiler forwarded herewith Yes and advice notes.

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) This boiler has been built under special survey. The materials and workmanship are of good description. It has now been shipped to Copenhagen.

Survey Fee ... £ 2 : 2 : } When applied for, 4-6-1914  
 Travelling Expenses (if any) £ : : } When received, 20.6.14

(Sgd) J. Davey A. McKean.  
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute

Assigned



Lloyd's Register  
 Foundation

W692-0159