

REPORT ON BOILERS.

WED. 5-FEB. 1919

No. 30915

WED. MAY. 8-1918

Hull Rpt No 30915

Received at London Office

Writing Report 14th May 1918 When handed in at Local Office 10 Port of Glasgow
 Survey held at Annan Date, First Survey 20/3/18 Last Survey 1st May 1918
 on the Donkey Boiler for Room Defence Vessel (B. & 31) (Number of Visits 12) Tons Gross
 Built at Tew Holland By whom built W. & Waven When built 1919-1
 made at Annan By whom made Cochran + Co Annan Ltd When made 1918
Admiralty Port belonging to

TYPICAL DONKEY BOILER— No. 7810 Description Cochran Manufacturers of steel Glasgow J. & S. Co
Annan By whom made Cochran + Co When made 1918 Where fixed Bills UTM Working pressure 150
 hydraulic pressure to 300 Date of test 1-5-18 No. of Certificate 14254 Fire grate area 22.5 Description of safety valves Spring loaded
 safety valves two Area of each 4.9 Pressure to which they are adjusted 150 If fitted with easing gear yes If steam from main boilers can
 the donkey boiler no Dia. of donkey boiler 6'6" Length 14'0" Material of shell plates steel Thickness 1/16 + 2/32 Range of tensile
28/32 Descrip. of riveting long. seams D.R. Lap Dia. of rivet holes 1 1/2" Whether punched or drilled drilled Pitch of rivets 3.0"
 plating 4 7/8" Per centage of strength of joint Rivets 67.5 Working pressure of shell by rules 152 Thickness of shell crown plates 5/8 + 1/32
 of do. 39" No. of Stays to do. one Dia. of stays Diameter of furnace Top Radius Bottom 6'6" Length of furnace 44"
 thickness of furnace plates 23/32 + 1/32 Description of joint Working pressure of furnace by rules 151 Thickness of furnace crown
23/32 Radius of do. 33" Stayed by Hemispherical Diameter of uptake 15" x 23" Thickness of uptake plates 9/16"
 thickness of water tubes plate
front 31/32
back 27/32

The foregoing is a correct description,
For COCHRAN & CO., ANNAN, LIMITED Manufacturer.
H.C. Woodham

During progress of work in shops - 1918 Mar 20. 22. 24. 29. Apr 3. 5. 12. 17. 19. 24. 26. May 1.
 During erection on board vessel -
 Total No. of visits 12.

Is the approved plan of boiler forwarded herewith no
Drawing No 11618 sent with Glasgow Report No 37463

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) The material + workmanship
is good.
The boiler has been built under special survey.
Boiler has been properly fitted + secured on board the vessel + its safety valves adjusted
due steam.
In our opinion the vessel is eligible for the work + to B 1-19
 Survey request form
C1524 attached to BS Rpt No 309136. Frank A. Sturgis

Survey Fee ... £ 2 : 2 : } When applied for, ... 10
 Travelling Expenses (if any) £ : : } When received, ... 10

MONTHLY ACCOUNT.

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

Committee's Minute GLASGOW 7 MAY 1918
 Assigned TRANSMIT TO LONDON

FRI. 7-FEB. 1919



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