

5b.

REPORT ON BOILERS.

No. 34466
WED. 5-FEB. 1919

Hull Report No 30915

Received at London Office

WED. MAY. 8-1918

of writing Report 12th May 1918 When handed in at Local Office

10 Port of Glasgow

Survey held at Annan

Date, First Survey 22nd March Last Survey 3rd May 1918

on the Donkey Boiler for Home Defense Vessel (B.D. 30)

Tons Gross Net

Built at New Holland By whom built W. H. Warren

When built 1919-1

Boiler made at Annan By whom made Cochran + Co Annan Ltd When made 1918

Boiler for Admiralty Port belonging to

VERTICAL DONKEY BOILER— No. 7770 Description Cochran Manufacturers of steel Stewart + Lloyd

at Annan By whom made Cochran + Co When made 1918 Where fixed Boiler room Working pressure 150

by hydraulic pressure to 300 Date of test 3-5-18 No. of Certificate 4256 Fire grate area 22.5 Description of safety valves 2 Spring loaded

safety valves 2 Area of each 49 Pressure to which they are adjusted 150 If fitted with easing gear Y/N If steam from main boilers can

the donkey boiler Y/N Dia. of donkey boiler 6'6" Length 14'0" Material of shell plates Steel Thickness 1/16" + 20/32" Range of tensile

th 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"

of plating 4 7/8" Percentage of strength of joint Rivets 67.5 Working pressure of shell by rules 152 Thickness of shell crown plates 5/8" + 1 1/2"

s of do. 39" No. of Stays to do. nil Dia. of stays Diameter of furnace Top Radius Bottom 66" Length of furnace 44"

ness of furnace plates 23/32" + 1 1/2" Description of joint Working pressure of furnace by rules 151 Thickness of furnace crown

23/32" Radius of do. 33" Stayed by Hemisphere Diameter of uptake 15" x 23" Thickness of uptake plates 9/16"

ness of water tubes plates
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 Jan. 22, 24, 29, Apr. 3, 5, 12, 14, 19, 24, 26, May. 1, 3.

Survey
While
during
Total No. of visits 12

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 + tested on board the vessel with safety valves adjusted under

our opinion the vessel is capable for the service + H.B. 1, 19.

Survey request form

C1524 attached to Hull Report No. 37463.

Frank A. Sturgeon

Survey Fee ... £ 2 : 2 : } When applied for, ... 19
Travelling Expenses (if any) £ : : } When received, ... 19

And 2-2 fittings on board

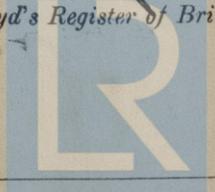
To be collected in London on the letter 11/5/18

Committee's Minute GLASGOW 7 MAY 1918

Assigned TRANSMIT TO LONDON

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

FRI. 7-FEB. 1919



Lloyd's Register Foundation

W1584-0110