

REPORT ON BOILERS.

No. 11969.
MON. 30 JUL. 1917

Writing Report 28. 7. 1917 Port of Aberdeen
Survey held at Aberdeen Date, First Survey 7. 2. 14. Last Survey 30. 4. 1914.
on the S.S. 'Redhall'. (No. 599.) (Number of Visits 10.) Gross 1092.82
Tons Net 464.28
Built at Aberdeen By whom built Hall Russell & Co. Ltd. When built 1914.
Made at Aberdeen By whom made Hall Russell & Co. Ltd. No. 599 When made 1914.
Aberdeen Coal Coy. Ltd. Port belonging to Aberdeen.

TICAL DONKEY BOILER— No. One. Description vert. multitor. Manufacturers of steel W. Beardmore & Co. Ltd.
at Aberdeen By whom made Hall Russell & Co. Ltd. When made 1914. Where fixed In storehold Working pressure 100 lbs.
by hydraulic pressure to 200. Date of test 30. 4. 14 No. of Certificate 906 Fire grate area 28 sq. Description of safety valves direct spring
safety valves 2. Area of each 4.9 sq. in. Pressure to which they are adjusted 100 lbs. If fitted with easing gear yes If steam from main boilers can
be donkey boiler no Dia. of donkey boiler 4' 0" Length 12' 6" Material of shell plates S Thickness 2" Range of tensile
28-32 Descrip. of riveting long. seams lap. double riveted Dia. of rivet holes 15/16" Whether punched or drilled drilled Pitch of rivets 3"
Plating 4 1/2" Per centage of strength of joint Rivets 48.2 Working pressure of shell by rules 100.5 lbs. Thickness of shell crown plates 3/8" + 5/16" db 2
yes of do drilled No. of Stays to do. 4. Dia. of stays 2 3/8" Diameter of furnace Top 44" Bottom 46" Length of furnace 58"
yes of furnace plates 7/16" Description of joint lap. single riv. Working pressure of furnace by rules 123.5 Thickness of c.c. crown
39 1/2 Radius of do. 9' 6" Stayed by shell crown Diameter of tubes 2 1/2" ext. Thickness of tube plates 7/16"
6. 3. of stay tubes 1/4"
The foregoing is a correct description,
for HALL, RUSSELL & CO. LTD. Manufacturer.
James J. Hunter

During progress of work in shops - - - 1914 Feb. 4 - Mch. 6, 12, 15, 21, 29 - Apr. 12, 18, 23, 30 -
During erection on board vessel - - -
Total No. of visits 10
Is the approved plan of boiler forwarded herewith yes.

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.)

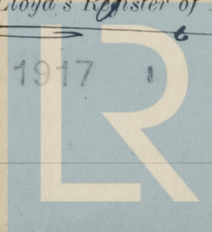
This boiler has been constructed under Special Survey, and in accordance with the Secretary's letter, the Rules, and approved plan. The materials and workmanship are good, and on completion it was tested by hydraulic pressure to 200 lbs per sq inch, and found tight and satisfactory. This boiler has been fitted on board the above named vessel, and for recommendation of class. See Machinery Report.

Survey Fee See Machinery Report. When applied for, 19
Travelling Expenses (if any) £ ✓ : : When received, 19

Committee's Minute TUE. JUL. 31 1917.
Signed See J. E. rpt. attached

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

TUE. 14 AUG. 1917



Lloyd's Register
Foundation