

Crown stays: Material _____ Tensile strength _____ Diameter { at body of stay, _____ or over threads _____ }
 No. of threads per inch _____ Area supported by each stay _____ Working pressure by rules _____

Screw stays: Material _____ Tensile strength _____ Diameter { at turned off part, _____ or over threads _____ } No. of threads per inch _____
 Area supported by each stay _____ Working pressure by rules _____ Are the stays drilled at the outer ends _____

Tubes: Material _____ External diameter { plain _____ stay _____ } Thickness { _____ }
 No. of threads per inch _____ Pitch of tubes _____ Working pressure by rules _____

Manhole Compensation: Size of opening in shell plate $16" \times 12"$ ✓ Section of compensating ring $4\frac{3}{4}" \times 1\frac{3}{16}"$ ✓ No. of rivets and diameter _____
 of rivet holes $38 - \frac{13}{16}"$ ✓ Outer row rivet pitch at ends $2\frac{7}{8}"$ ✓ Depth of flange if manhole flanged $3"$ ✓

Uptake: External diameter $21\frac{1}{16}"$ ✓ Thickness of uptake plate $1\frac{7}{32}"$ ✓

Cross Tubes: No. _____ External diameters { _____ } Thickness of plates _____

Have all the requirements of Sections 14 to 23 inclusive for boilers been complied with Yes

The foregoing is a correct description,
 FOR HARLAND AND WOLFE LIMITED
A. Marshall Manufacturer.

1934
 Dates of Survey { During progress of work in shops - - } Apr 14, 19, 24, 27, May 2, 15, 28, June 26 Is the approved plan of boiler forwarded herewith Yes
 while building { During erection on board vessel - - } July 4, Aug 1, 2, 6, 7, 8, 9, 10, 13, 14, 20, 23, 30, 31 (If not state date of approval.)
 Total No. of visits 22

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.)
 These boilers were constructed under Special Survey & to an approved design. The materials and workmanship are sound & good. They were tested by hydraulic pressure in accordance with the rules with satisfactory results and have been forwarded to Loran for installation.
 * The boilers have been fitted in the vessel at forward end of engine room - top platform level - examined under steam & safety valves adjusted as above.
J. B. Boyle
 Glasgow, 8/2/35.

Survey Fee £ 8 : 8 : } When applied for, 4th Sept. 1934
 Travelling Expenses (if any) £ : : } When received, 18.9.34

R. E. Ames
 Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute **GLASGOW 12 FEB 1935**
 Assigned SEE ACCOMPANYING MACHINERY REPORT.

