

TONNAGE: *5445*

Built at *SUNDERLAND*

S.S. "CHULMLEIGH" No. 71564 in Register Book

Date of Build - 5.1938.

Boilers made by Richardsons, Westgarth & Co. Ltd.

The port boiler of this vessel has been under survey, and it was found that one rivet head was missing in the starboard seam connecting the centre combustion chamber wrapper plate to back ^{Tube} ~~top~~ plate.

Six rivets in this seam were removed, and it was found that each rivet was fractured through the shank at the bottom of the countersink on the water side. All rivets in the seam were then removed, and fractures were discovered running from rivet-hole to rivet-hole in the wrapper plate on both port and starboard vertical seams.

Fractures shewing in the plate commenced in all cases at the ~~paying~~ surface, and rivet holes were out of line up to 1/16 of an inch, the holes being distorted to this amount.

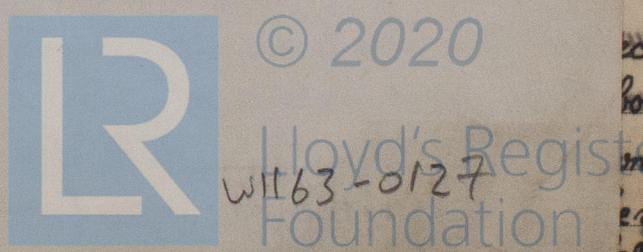
The tube plate landing edge shewed signs of heavy caulking.

A sample of the defective wrapper plate and rivets has been obtained.

W.P.
19.8.42

It is submitted the samples be forwarded to Mr L. Ripley, who should be advised and requested to carry out an investigation with a view to the cause of the defects being ascertained

W.P.



Appendix
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