



LLOYD'S REGISTER OF SHIPPING

UNITED WITH THE BRITISH CORPORATION REGISTER

(Reconnu par la Loi Belge sur la sécurité des Navires)
(Arrêté Ministériel du 8 Janvier, 1921)

I, Quai de Rouen, Antwerp

Telegrams: Register, Antwerp

20 JAN 1956

19th January 1956.

Telephone 32.09.40

Reference
587.

Dear Sir,

Steamer " HILARY ".

We have to inform you that when scaling the lower butt strap of the Port after boiler of the above named vessel externally a rivet head dropped off. The rivet was removed and the bore magnafluxed, cracks were exposed in both the butt straps and the boiler shell plate. Four more rivets were removed (see sketch) and in each case numerous cracks were found inside the bores some of them extending on to the outer surface of the butt straps. It was then decided to remove part of the outer butt strap and to forward it to our Research Department for metallurgical examination, in order to determine whether or not the cracking is of a chemical nature. The section of the outer butt strap has now been sent by plane, packed in a wooden box marked s/s HILARY, to our Research Department at Crawley and the Owners' Superintendent Mr. O'Kane would be very grateful to obtain the results of the metallurgical examination, without delay.

When the section of the outer butt strap was removed, extensive cracks were found on the faying surfaces of both the outer butt strap and the boiler shell plate. We enclose herewith a sketch showing these cracks in the boiler shell plate. This sketch also shows the deposit found between the faying surfaces. For your information we have to inform you that the rivet holes were found very rough and some of them unfair to the extent of 1/8". Caulking, especially on the inner butt strap was found very heavy.

The butt strap rivets of the four remaining boilers in the vessel were hammer tested and found sound. We should like to be informed whether any action has to be taken with regard to these boilers, should the cracking in the port after boiler prove to be of a chemical nature.

Yours faithfully,
The Surveyors,
per

[Signature]
Lloyd's Register
Foundation

The Secretary,
London.

005307-005310-0056

Travelling Expenses (if chargeable) £5.700.-
Copy of Fbd. Rpt. (Lon Ltr. Fbd. 15.12.55) £147.-

