

- SURVEY REPORT -

S/S "BALTYK"

Port of Santos (Brazil)

Date : 30th April, 1955

THIS IS TO CERTIFY THAT, at the request of Messrs. F. S. HAMPSHIRE & CO. LTD., Lloyd's Agents at this Port, I, the undersigned Surveyor, on the 25th April, 1955 and subsequent dates, attended on board the Polish S/S "BALTYK", 6984 gross Tons, of Gdynia, for the purpose of examining the damage reported to the Boilers and make recommendations as regards repairs.--

On examination, it was found that four rivets were sheared in horizontal seam of Port Boiler back end plate; when the adjacent rivets were hammer tested, it was found necessary to renew 11 more rivets whose heads were partly sheared.-- In addition, several fine cracks were found in the plate, in way of rivet holes and a larger crack in back end plate turn of flange, p.s.-- This last crack was veeed out and electric welded, whilst it was concluded that it was not possible to deal efficiently with the other cracks.-- All remaining rivets in the seam were hammer tested from inside the boiler and appeared to be sound.--

On the morning of the 29th April, 1955, on completion of the above repairs the boiler was water tested, but the caulking of the seam, was found leaking in two places together with two old rivets and a new one : the three rivets were replaced, the seam caulked and the subsequent hydraulic test to 150 lbs., was satisfactory.--

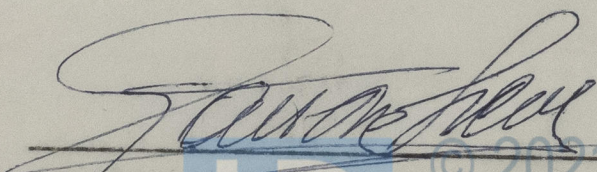
As regards the Starb. boiler, which was under steam, two sheared rivet heads were found in the back end plate horizontal seam : these rivets, however, were not leaking and, since the Vessel needed steam, it was agreed to postpone repairs to this Boiler until the Vessel's arrival at Buenos Aires.--

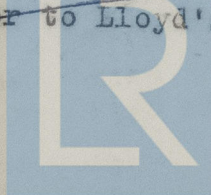
It is my opinion that, on the Vessel's arrival to home port from the present voyage, the lagging in way of defective seams must be removed for a thorough examination.--

It is stated in the Extract of the Vessel's Log book that at 2330 hours on the 24th April, 1955, the Chief Engineer reported the damage to the Port Boiler, stating that repairs were necessary.--

It is my opinion that the cause of the damage is crystallization of the material.--

Fee -- Cr\$ 2.500,00


Surveyor to Lloyd's Register



Lloyd's Register
Foundation

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