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Lloyd's Register of Shipping,

71, Fenchurch Street, E.C. 3.

22nd March, 1938.

Dear Sirs,

S.

With reference to your letter of the 17th and my acknowledgment of the 18th instant respecting the sternframe of the steamer "CORABELLA" I beg to acquaint you that, following upon a visit to Sunderland of Mr. J.S. Butler and Principal Surveyor on the Chief Ship Surveyor's Staff, the matter was fully discussed by him with Dr. Pickworth, the Society's Principal Surveyor at that port, and the following remarks are offered in connexion therewith:-

If the very pronounced score on the starboard side of the sternframe was produced by a blow, as seems likely, this blow must have been a severe one, and could, in itself, be regarded as a reasonable initial cause for the fracture noted at the point of maximum bending moment, namely, where the shoe plate is attached to the sternframe.

This thrust or blow may have caused a minute fracture in this region, and such a fracture may have been progressive by the effect of vibration, side thrust on the gudgeon transmitted by the rudder, or even by corrosion.

This vessel has a bronze propeller, and no zinc plates were fitted when she was built and much corrosion has taken place, especially on the rudder and the solepiece of the sternframe. There is also slight corrosion in the plating on the underside of the cruiser stern.

It is understood also that Dr. Pickworth proposes to have the solepiece of the sternframe broken through

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3. "CORABELLA"

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the fractures, with a view to further examination after the particulars have been taken for the new frame.

I have also to acknowledge the receipt of your letter of yesterday's date in further reference to this case, and with regard thereto would say that a copy of the forging report is being forwarded to the Sunderland Surveyors for their guidance in dealing with the repairs and they are at the same time being informed that no objection will be taken to the Owners, through your goodsselves, being supplied with particulars of the tests.

I am, Dear Sirs,

Yours faithfully,

Secretary.

Messrs. Bushell, Nicol & Co.,
25, Collingwood Street,
NEWCASTLE-UPON-TYNE, 1.



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