

TELEPHONE No. 2244 DUDLEY

H. GREEN, M.I. MECH. E.
SUPERINTENDENT.

APPOINTED BY THE COMMITTEE OF
LLOYD'S REGISTER.

ALL COMMUNICATIONS TO BE ADDRESSED
TO THE SUPERINTENDENT.

Lloyd's Proving House,

Netherton, Dudley.

LLOYD'S REGISTER
RECEIVED

4 MAR 1932

Amos
LONDON

March 3rd, 1932 19

Dear Sir,

I beg to acknowledge the receipt of your letter of the 2nd inst and as requested I have forwarded to the Society's Office in a box the pieces of the broken link, and other links from the chain cable of the T.S.M.V. "CONCH" which had been sent to me for examination from the Society's Office and from Glasgow.

Since forwarding the report of the 29th ulto I had submitted the weld side of the end link marked B to a Torsional Stress, in order to open out the weld and show the actual extent of the defect.

The torsional stress required to open the weld was 4.6 foot tons, which by calculation is equal to 11.64 tons per sq. inch, and calculated on the diar. of a normal link, viz, 2-7/16", is equal to 19.7 tons per sq. inch.

The torsional stress is somewhat reduced owing to the fact of having to cut into the scarp section in preparing the ends for the torsional machine, and thus reducing the area of resistance; under the circumstances the torsional stress per sq. inch on the weld may be considered good.

I am, Dear Sir,

Yours faithfully,

A. Scott, Esq.,

Lloyd's Register of Shipping
London, E.C.

W372-0132

Referred to the Chief Ship Surveyor

4 MAR 1952

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HEREIN IS UNCLASSIFIED
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