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# Lloyd's Register of Shipping,

71, Fenchurch Street, E.C.3.

18th April, 1951

Dear Sir,

Motor Tanker "JANKO"

I am in receipt of your letter of the 14th April, and in reply to the points which you raise, I think it well to inform you that:-

1. The Special Quality Steel referred to in my letter has an ultimate tensile strength of not more than 38 tons/sq.in. and a limit of proportionality of not less than 15 tons/sq.in. The Young's modulus of this steel, however, is the same as that of ordinary mild steel, and therefore it will act homogeneously with the rest of the structure. On account of the higher physical properties, however, it is possible to allow reductions in scantlings compared with ordinary mild steel, and the Committee's practice in this respect has been followed in determining the scantlings given in my letter.
2. The scarphing of the shell forward of Frame 69 depends on the results of the tests now being made on the steel taken from the damaged structure. It is intended, however, that the new bilge strake, stringer plate and hatch strakes should be extended aft to near the cofferdam as stated by you.

Yours faithfully,

Secretary.

Chr. Fred. Christensen, Esq.,  
Messrs. Arnesen, Christensen & Smith Limited,  
Norfolk House,  
90, Grey Street,  
NEWCASTLE-ON-TYNE.

Ansd. 18.4.51.

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