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Lloyd's Register of Shipping.

71, Fenchurch Street, E.C. 3.

19th May, 1937.

Dear Sir,

S.S. "AMERICAN FISHER".
Electrical Equipment of Fish Factory.

E.

With reference to your letter of the 30th March last respecting the above vessel, I have to acquaint you that the remarks contained therein regarding the electrical equipment have now been noted, and I have to inform you as follows:-

Earth Leakage Protection

As an alternative to the interruption of power in the event of an earth fault, an arrangement might be accepted in which earth lamps are provided, having a centre point earthed in order definitely to limit the potential of the supply lines to earth. A fuse should be fitted in each lamp circuit, but no switches should be provided in these circuits. Alternatively, a sensitive relay might be fitted between the neutral point of the alternator and the hull, arranged to give aural and visual indication in the event of accidental earth on any of the phases.

Wiring and Switchboard Diagrams.

It is noted that while these bear the stamp of the San Francisco Office they are not signed by the

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Surveyors as having been examined and approved. It is a requirement of the Rules that plans of the electrical equipment be submitted for approval, and it is advisable they be submitted as early as possible so that objections, if any, may be stated before the work is too far advanced.

Test Certificates for Generator.

The test certificate supplied refers entirely to the steam turbine and contains no information with reference to the electrical generator. A certificate is required in accordance with Section 2, Clause 1 and should give the results of the temperature tests and insulation test.

Table of Conductors.

This table does not state the size of the generator cables which should be forwarded as they are not stated in the First Entry Report.

Location of Distribution Panel.

It is noted this has now been removed from the pump room and will not be used when the vessel is operating as a tanker.

Rating of Generator.

The information supplied is still unsatisfactory as the current rating of 1900 amperes stated in the First Entry Report does not agree with the K.V.A. rating specified.

I am, Dear Sir,
Yours faithfully,

Wm. Bennett, Esq.,
NEW YORK.

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Secretary.

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