

S.S. "AMERICAN FISHER".

San Francisco Report No. 7612.

IT IS SUBMITTED the New York Surveyors be informed it is noted from the San Francisco report on the independent A.C. installation for the operation of Fish Reduction Plant that ground lamps have been furnished for Earth indication. It should be pointed out that "Earth indication" is not the equivalent of "Earth Leakage Protection", which as stated in the London cablegram of the 5th May last and confirmed in the Secretary's letter of the same date, would be required as a condition of the concession to use 440 volts alternating current. The nature of the protection provided should be stated and also the leakage current at which it operates. In this connection reference should also be made to the Secretary's letter of the 1st September last.

Wiring and switchboard diagrams as required by Section 1 of the Rules for Electrical Equipment have not yet been received, and they should be forwarded as soon as possible. It should also be pointed out the test certificates of the Generator, as required by Section 2, Clause 1, have not been forwarded. These certificates should invariably be attached to the Reports.

With reference to the table for Motor Conductors on sheet 3 of the report, these are to be filled in in detail and it is not satisfactory to mark reports in the manner adopted in this instance. Full details are to be forwarded to this Office.

It is further noted from the report that the main switchboard is at the generator and there is a distribution panel in the pump room amidships. This does not appear to coincide with the information contained in the New York cablegram of the 5th May, which stated the 440 volt installation would be in a centralised area, and the Surveyor's comments are awaited. It is a requirement of Section 15 that

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6 switches controlling apparatus in pump rooms are to be wholly outside these spaces. This departure from the requirements was not intimated or conceded in the correspondence, the conditions of approval being as stated in the Secretary's letter of the 5th May.

7 The rating of the generator, 750 Kw., does not check up with the ampere and voltage rating and the figures should be confirmed and the power factor stated.

8 Sheet 2 of the report states that this equipment complies with the special requirements for Ships carrying oil having a Flash Point less than 150°, whereas it does not comply with any of these requirements, the understanding being that it will not be used when carrying oil of this nature.

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30th December, 1936.

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