

S.S. "ROCKWOOD PARK"

ST. JOHN N.B. REPORT NO. 5739.

The information on cables contained in the Report on electric fittings does not line up either with British standards or American standards and it is, therefore, concluded that they are in accordance with Canadian standards, of which there is no record in this Office.

IT IS SUBMITTED the St. John N.B. Surveyors be informed it is concluded they are satisfied that the cable ratings are equivalent to those given in the Society's Rules for Electrical Equipment but as the information given cannot be co-related either to British standards or American standards they should supply further information to enable these to be checked and for reference. The information given in the report is not consistent, as will be seen from the following instances:-

- 1). The main generator cables are stated to be 1 per pole, total effective area .458 square inches, total maximum current as per rule 184 amps. Under motor conductors a similar cable is used for the D.G. motors and is stated to have a rule rating of 300 amps.
- 2). This same cable is stated to consist of 19 strands of .1056 inch diameter but this stranding does not give anything like a total area of .458 inches. Similarly 7 strands of .0242 inch diameter do not give an area anything like .040.

It would further appear that Certificates of test for the Generator have not been submitted as required by the Rules.

The Vessel's electrical equipment appears to have been built in accordance with the Rules and approved plans and IT IS SUBMITTED she is eligible to be classed + LMC 2.43.