NORTH EASTERN DISTRICT TECHNICAL MEETING

Headquarters: HOTEL STATLER
Boston, Mass.
April 19-20, 1944

Technical Paper Competition for Younger Engineers
Seven Technical Sessions
One Student Session
Observance of AIEE 60th Anniversary
Tuesday, April 18
Afternoon—Registration
8:00 p.m.—Technical Paper Competition for Younger Engineers
  Hotel Statler—Salle Moderne
  R. W. Adams, Presiding
  Tri-Sectional Prize Competition,
  Sponsored by Schenectady, Lynn, and Pittsfield Sections

Wednesday, April 19
9:00 a.m.—Registration
10:00 a.m.—Cables
  E. W. Davis, Presiding
  D.P.* High-Frequency Cable Design and Testing. N. D. Kennedy, P. W. Ware, Simplex Wire & Cable Co.
  44:53. Current Rating of Cables As Affected by Mutual Heating in Air or Conduit. IPCEA Committee on Research. Presentation by R. J. Wiseman, Chairman. 30 cents by mail.
  D.P.* Synthetic Insulation for Cables. C. A. Finkel, The Okonite Co.
  D.P.* Field Testing and Fault Location in Cables. W. D. Fenn, L. A. Gray, Simplex Wire & Cable Co.

10:00 a.m.—Transformers and Selected Subjects
  C. T. Burke, Presiding
  44:73. Reliability of Compressed-Gas Insulation. J. D. ACO.
  D.P.* Cohine, E. C. Easton, Harvard Univ. 15 cents by mail.

10:00 a.m.—Student Session
  G. Minalga, Presiding
  Method of Magnetic Recording. C. J. Hooker, Jr., Mass. Inst. of Technology


2:00 p.m.—AIEE 60th Anniversary Observance
  1. History of the Institute. Dr. Nevin E. Funk, President, AIEE
  3. The Future of Aeronautics. Edward J. Foley, American Air Lines, Post-War Committee

6:00 p.m.—Presidential Reception
6:30 p.m.—Get-Together Dinner
  Satler Hotel, Imperial Ballroom
  W. H. Nimble, Toastmaster
  Presentation of District Prizes for Papers
  “Some Thoughts on the Future.” William S. Newell, President, Bath Iron Works

Thursday, April 20
9:30 a.m.—Electronics
  J. S. Gray, Presiding

Abstracts of most numbers
9:30 a.m.—Power Transmission

C. A. Corney, Presiding

94-79. The Application of Broad-Band Carrier Systems to Telephone Cables. J. P. Thurber, New England Tel. & Tel. Co. 20 cents by mail.

94-74. 110-Kv Tie-Line Uses Progressive Design. E. A. Church, E. G. Stebbins, Boston Edison Co. 15 cents by mail.

94-77. Improving the Performance of 110-Kv Lines. D. H. Hathaway, A. B. Jones, Boston Edison Co. 15 cents by mail.


2:00 p.m.—Air Transportation

R. W. Adams, Presiding


94-32. Damping Cylinders for Aircraft Gyroscopes. F. R. Sias, J. H. Wright, General Elec. Co. 20 cents by mail.

94-72. A Unit for Balancing the Voltages of Three-Phase Aircraft Inverters Supplying Large Single-Phase Loads. Sydney Wimpie, The Holtzer-Cabot Elec. Co. 15 cents by mail.


94-33. Aids to Quality Control in the Manufacture of Aircraft Generators. F. M. Potter, General Elec. Co. 15 cents by mail.


2:00 p.m.—Industrial Power Applications

F. S. Bacon, Jr., Presiding


2:00 p.m.—Electrical Machinery

H. B. Ashenden, Presiding


* D.P. — District Paper; no advance copies available; not intended for publication in TRANSACTIONS.

+ A.C.O. — Advance Copies Only available; papers not intended for publication in TRANSACTIONS.

and papers appear in ELECTRICAL ENGINEERING, April, 1944.
Typical Suspension Tower of a 110-Kv Line to be discussed
in the Power Transmission Session

HOTEL RESERVATIONS

Members should make their own hotel reservations by writing directly to the hotel preferred as early as possible. In the following table the rates of the Statler, as well as some of the other nearby hotels, are given.

<table>
<thead>
<tr>
<th>Hotel</th>
<th>Single Rooms</th>
<th>Double Rooms</th>
<th>Suits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Statler (Headquarters)</td>
<td>$3.85-8.80</td>
<td>$5.50-11.00</td>
<td>$9.95-20.00*</td>
</tr>
<tr>
<td>The Ritz-Carlton</td>
<td>5.00-8.00</td>
<td>9.00-11.00</td>
<td>14.00-30.00</td>
</tr>
<tr>
<td>Copley Plaza†</td>
<td>4.40-6.60</td>
<td>5.00-7.70</td>
<td>9.00-12.00</td>
</tr>
<tr>
<td>Tournai</td>
<td>3.30-4.40</td>
<td>4.20-5.90</td>
<td>8.25</td>
</tr>
</tbody>
</table>

*For one person
**For two persons
†Reservations must be made 10 days in advance.

ADVANCE REGISTRATION

Please register in advance by filling in and mailing promptly the enclosed advance registration card and complete your registration upon arrival at the meeting. A registration fee of $2.00 will be charged all nonmembers except Enrolled Students and the immediate families of members.

COMMITTEE

T. Cooper, Jr., Chairman
R. G. Porter, Vice-Chairman
J. M. Murray, Secretary-Treasurer

Subcommittee Chairmen

F. S. Bacon, Dinner
F. W. Bliss, Publicity
C. L. Dawes, Technical Program
J. G. Patterson (Secretary)
D. C. Jackson, Sixtieth Anniversary
A. L. O'Banion, Hotel and Registration
R. G. Porter, Student Activities

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