

*H. S. Hibbsman*

C O P Y

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February 8, 1956

Mr. J. D. Tebo  
Bell Telephone Laboratories, Inc.  
463 West Street  
New York 14, N. Y.

Dear Mr. Tebo:

I thought you might be interested in the appended analysis of the "blind spots" in the current A.I.E.E.'s Winter General Meeting coverage of electronics as disclosed by direct comparison with I.R.E.'s prospectus for its National Convention in March this year. Beginning on the second page of Table II is a long list of I.R.E. papers which (with some possible minor exceptions due to my own errors in compilation) had no counterpart at the A.I.E.E. Winter General Meeting just closed. Except for Mobile Telemetry, which falls under S&E, and Management Engineering, which is inter-Divisional in nature, the entire incidence of the A.I.E.E. deficiency is attributable to comparative inactivity within the purview of the Communication Division.

I do not wish to imply that the gap can, or necessarily should, be completely closed. Letter No. 7 was discussed with my Committee and we are going to make some recommendations to the CTO—I hope in time for their consideration at San Francisco, because partial correction should come rather quickly. The general lines along which we decided to work are as follows:

(1) To dissolve the present Committee on Special Communication Applications. This Committee has relatively ineffectively been operating, since the Division was organized, under three capable Chairmen. We think that it has been demonstrated that the difficulty lies in inability to point up to the membership the function and importance of the activities of a catch-all committee. We will distribute this Committee's coverage of Navigation; Electroacoustics; Railroad, Aeronautical and Vehicular Communication; communication materials and components; protection; etc., among the appropriate Committees of the Division.

(2) To create more Sub-Committees under the present Committees of the Division, in order that specific Chairmen may exert efforts to build up A.I.E.E. in those specialties where the analysis of the two conventions indicates A.I.E.E. weaknesses. All the Chairmen are going to re-examine their scopes in the light of this material, and we hope to come up with a committee—sub-committee structure more in keeping with those of the other Divisions.



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(3) To come to an agreement with Science & Electronics Division on a suitable partition of interest on the specific subjects of (1) the data transmission aspects of inter-city computer systems; (2) the radio, telegraphic, and submarine cable aspects of telemetry as applied to guided missiles, and so on; and (3) communication aspects of ultrasonics.

We are convinced that these changes are necessary to carry the Communication Division a step farther in its evolution. The purpose of this letter is not to make specific recommendations, nor to ask for CTO action, but to inform you and, by copies, Professor Warren and members-at-large of the Communication Division, the general direction in which we are pursuing our inquiries. Our task is to revise our Committee's structure and scopes and attempt to fit them into the entire A.I.E.E. Technical Committee structure in such a way that when we put the matter before the CTO, that committee will have a minimum amount of adjustment to consider. Our further task is to survey the personnel available within A.I.E.E. for these increased activities so that suitable sub-committee appointments can be made. We do not intend to include within this Division's field any territory we cannot cultivate productively.

Very truly yours,

*J.D. Coggeshall*