



# NEWSLETTER

## IRE Professional Group on ULTRASONICS ENGINEERING

THE PROFESSIONAL GROUP ON ULTRASONICS ENGINEERING (PGUE) IS AN ASSOCIATION OF IRE MEMBERS WITH PROFESSIONAL INTEREST IN THE FIELD OF ULTRASONICS ENGINEERING. ALL IRE MEMBERS ARE ELIGIBLE FOR MEMBERSHIP AND WILL RECEIVE ALL PGUE PUBLICATIONS UPON PAYMENT OF THE PRESCRIBED ASSESSMENT.

NUMBER 12

June 1958

### ELECTION OF OFFICERS

On March 26, 1958 the Administrative Committee of the PGUE unanimously elected Dr. John E. May, Jr., of the Bell Telephone Laboratories, Whippany, New Jersey as its new Chairman for the term July 1, 1958 to June 30, 1959.

L. Batchelder of Raytheon Manufacturing Company, Wayland, Massachusetts was unanimously elected Vice-Chairman for the same term.

### NEW MEMBERS OF THE ADMINISTRATIVE COMMITTEE

In accordance with Section 2 of the By-Laws of the Professional Group on Ultrasonics Engineering the following members of the Group were elected to the Administrative Committee:

D. L. Arenberg  
President, Arenberg Ultrasonics Lab.  
94 Green Street  
Jamaica Plain 30, Massachusetts

J. W. Horton  
Industrial Research Consultant  
USN Underwater Sound Labs.  
New London, Connecticut

L. W. Camp  
Pacific Division, Bendix Aviation Corp.  
11600 Sherman Way  
North Hollywood, California

In addition, Mr. Henry J. Bickel, Vice-President, Federal Scientific Corporation, replaces Dr. Finn Larsen who resigned as Secretary and member of the Committee.

CHANGES IN CONSTITUTION AND BY-LAWS

The number of returns on the changes in the Constitution and By-Laws, delineated in the December 31, 1957 Newsletter, was short of the number required to effect action. Of the 94 ballots received, 93 were in favor of the changes proposed. However, with an official membership of 806, a minimum of 20% or 171 returns are required for adoption.

At the March 26 meeting of the Administrative Committee the Amendments and the changes in the Constitution, with minor modifications, were unanimously approved.

For final adoption, it is now necessary to re-submit to the membership the proposed changes in the Constitution dealing with the procedure for future amendments and election to the Administrative Committee.

This will be submitted for vote to the membership after approval by the IRE Professional Groups Committee and the IRE Executive Committee.

We urge you to vote and return the ballot as soon as possible after you receive it.

AWARDS FOR THE BEST PAPERS

The Chairman of the Awards Committee, David L. Arenberg, announced that this Committee consisting of J. F. Herrick, E. A. Heidemann and O. E. Mattiat, had selected the authors of the following papers as the recipients of the Awards:

For the Year 1957 -

John E. May, Jr., for his paper "Low Loss 1000 Microsecond Delay Lines" which appeared in the TRANSACTIONS of the PGUE in 1956

and for the Year 1958 -

H. Epstein and O. B. Stram for their paper "A High Performance Magnetostriction-Sonic Delay Line" which appeared in the TRANSACTIONS of the PGUE in 1957

ULTRASONICS SESSION AT WESCON

Dr. Oscar E. Mattiat is making arrangements for a PGUE sponsored technical meeting at WESCON. A tentative date of August 19, has been set for this meeting.

FINANCIAL REPORT

Balance on January 1, 1958	\$3,896.70
Receipts during January 1, 1958 to April 30, 1958	<u>\$1,385.46</u>
Total Balance and Receipts	\$5,282.16
Total Expenses during period	<u>\$1,394.41</u>
Balance as of April 30, 1958	\$3,887.75

On April 30, 1958 the PGUE had 806 active members.

THE ULTRASONICS SESSION DURING THE NATIONAL CONVENTION WEEK

At this year's NATIONAL IRE Convention, 13 excellent papers in the field of ultrasonics were presented. The PGUE shared one session with the Professional Group on Circuit Theory. The joint session was a particularly stimulating one.