

3-1-60

THE INSTITUTE OF RADIO ENGINEERS
PROFESSIONAL GROUP ON RADIO FREQUENCY
INTERFERENCE

TO: MEMBERS OF ADMINISTRATIVE COMMITTEE
FROM: JAMES P. MCNAUL, CHAIRMAN, PERFI

THE FOLLOWING NAMES HAVE BEEN SELECTED BY THE
NOMINATING COMMITTEE FOR YOUR CONSIDERATION AT
THE MEETING MARCH 22. ALSO ENCLOSED IS SOME
BIOGRAPHICAL INFORMATION ON THE PEOPLE SELECTED.

~~JOSEPH BERLINER~~ DEBORAH
HAROLD D. HARRIS
JOHN J. EBLI - II
CHRISTIAN L. ENGELMAN
HERMAN GABLAN. II
H. A. GAUFER - 8

JOHN J. KOSKI
RICHARD B. SCHLIZ
D. R. J. WHITE
JOHN W. WASHINGTON

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HERMAN GARLAN

Herman Garlan
205 Montgomery Street
Arlington, Va.

Education

College of City of N. Y. BS 1929
MS in Education 1932

Columbia University School of Engineering EE 1936

Experience

1936-1940 Miscellaneous engineering jobs
1940 to date (1960) Federal Communications Commission
1940-1945 Radio Inspector, Chicago Field Office
1943-1944 FCC Security Officer in Chicago Area
1945-1952 Engineer in Safety & Special Services Division of Engineering Dept.

At Washington, D. C. working on application processing, rule making, frequency allocation problems and other matters relating to the Police and Fire Radio Services; assisted very actively in the preparation of revised rules for the Public Safety Radio Services which were adopted in April 1949.

1952-1954 Engineer in Technical Research Division, Office of Chief Engineer

Working on technical standards for equipment used in the various licensed radio services.

1954-1959 Chief of Experimental, Incidental and Restricted Radiation Branch in Office of Chief Engineer

Responsible for the engineering aspects of the FCC Experimental Radio Service (licensing and rule making) and the FCC regulations for the control of interference from ISM equipment (Part 18) and incidental and restricted radiation devices (Part 15)

1959 - Chief of Radio Frequency Devices Branch, OCE - responsible for the Commission's regulatory program to control interference from all non-communication devices, low power devices, carrier current systems, industrial equipment, embodied in Parts 15 and 18 of the FCC Rules. This work involves studies of interfering characteristics of new devices, measurement equipment, measurement techniques and studies of what regulations shall be promulgated. On the basis of these studies, regulations are proposed to the Commission.

HERMAN
GARLAN

Other Activities

- Member of IRE since about 1935
- Member of PGRI since its organization
- Charter member of Washington Section of PGRI
- Member of CCIR Study Groups I, II (U. S. Committee)
- Alternate member ASA Sectional Committee C63
- Member of US delegation to CISPR meeting Hague 1958
- FCC liaison representative on AIEE Subcommittee on Induction and Dielectric Heating
- Member : Board of Civil Service Examiners for FCC

CHRISTIAN L. ENGLEMAN

CHRISTIAN L. ENGLEMAN, Administrative Scientist specializing in the field of Electronics and Nuclear Physics.

A graduate of the U. S. Naval Academy (B. S.), Captain Engleman completed a three-year course at the U. S. Naval Academy Post Graduate School and majored in the Physics of Electronics and Acoustics at Harvard University where he received a M. S. Degree. He is also a graduate of the Harvard School of Business Advance Management Course, and has taken several special Naval courses including the Orientation Course in Atomic Weapons given at Sandia, New Mexico.

Captain Engleman retired from the U. S. Navy in 1953. During his thirty years with the military, he held many responsible posts, including Directorship of the Bureau of Ships, Electronics Design and Development Division and the Electronics Ship and Amphibious Division; Naval Secretary to the Committee on Electronics of the Research & Development Board; Coordinator of Electronics Test and Instrumentation for the first atomic tests at Bikini (Operation Crossroads), Director of the Scientific Re-survey of the Bikini Atoll Area one year later; Electronics and Communication Officer on the Staff of the Commanding General for a series of three nuclear detonations at Eniwetok.

Since retiring, he has been active in the Engineering and Management Consulting business, and in February 1956 incorporated his growing business under the name of Engleman & Co., Inc. He is a member of the Society of Naval Engineers, American Institute of Physics, Acoustical Society of America, Armed Forces Communications and Electronics Association, Harvard Business School Association and Harvard Advance Management Association of New York.

Captain Engleman is a fellow of the Institute of Radio Engineers and a registered engineer in the District of Columbia. He was elected Vice Chairman of the IRE Professional Group on Communications Systems in March 1955, and National Chairman of the IRE Professional Group on Military Electronics in December 1955.

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JOHN I. KOSKI

John I. Koski
Radio Division
City of Fort Worth, Texas

Education:

ECA Institute
Brooklyn Polytechnic Institute
Texas Christian University - B.A. - 1952

Experience:

1952 - Present - Supervisor, Communication Division,
City of Fort Worth, Texas
1942 - 1952 - Radio Division, City of Fort Worth
1941 - 1942 - CAA, Signal Branch
Previous to 1941 - Federal Telegraph and Radio Company

Papers and Presentations:

Many papers on Public Safety Communications, Vehicular
Communications, various phases of Municipal electronics
and frequency and interference problems.

Memberships:

SM - IRE
Past Chairman Fort Worth Section IRE
Member PGRFI - PGVC
Vice Chairman - North Texas Radio Interference
Committee
International Municipal Signal Association
Associated Police Communication Officer

H. A. Cooper
General Electric Co.
Schenectady, N.Y.

Harold Dincer
Naval Research Laboratories
Washington, D.C.

RICHARD B. SCHULZ

Richard B. Schulz
Armour Research Foundation
Chicago, Illinois

Mr. Schulz is a Member of the IRE, a co-founder and former partner in Electro-Search Inc., Philadelphia, Pa., one of the pioneer consulting firms in interference analysis effort. At Armour Research he has headed up many projects in the interference field and has contributed heavily to the success of the Armour RFI Sessions.

John J. Egli
U.S. Army Signal R&D Laboratory
Fort Monmouth, N. J.

Mr. Egli received his initial experience with Mackay Radio and since joining the Signal Corps, has had considerable experience in communication equipment design and system design. He is the author of a number of articles on electronic systems design, spectrum allocation, and associated propagation phenomena. He was associated with Project MONMOUTH I & II and was the Director of Project MONMOUTH III & IV. He is now the Director of the Electromagnetic Environment Division of USASRDL and has responsibility for all RFI work done there.

Mr. Egli is a senior member of IRE and is a member of PGRFI.

D. R. J. WHITE

D. R. J. White
Frederick Research Corp.

Formerly with American Machine and Foundry.

John W. Worthington
Griffiss Air Force Base, N. Y.

Mr. Worthington is a member of the Special Systems Division, Ground Electronic Engineering-Installation Agency, Griffiss Air Force Base, N. Y.. He has long been interested in the systems aspects of SFI.

He is a member of the IRE and PCRFI and is a former National Chairman of Professional Group on Communication Systems.

Richard R. Stoddart
Stoddart Aircraft Radio Co., Inc.
Hollywood, California

Mr. Stoddart is a Fellow of the IRE and has head the above concern since World War II. He has pioneered in the development of equipment primarily designed for interference analysis.

Biography
of
JOSEPH BERLINER
U. S. Air Force
The Pentagon

EDUCATION:

B.S. - C.C.N.Y. - 1934
M.S. - C.C.N.Y. - 1935
M.E.E. - N.Y.U. - 1949

1943 - St. Louis University, specialized instruction at Army Air Force Radio Instructors' School.

1943-1944 - Radar and electronics courses at Army Air Force Radar Electronics School.

EXPERIENCE:

1943-1947 - Instructor and faculty member of the Radar and Electronics School of the Technical Training Division of the Army Air Force.

1947-1959 - Chief of the Interference and Anti-Jamming Analysis and Control Branch at Rome Air Development Center.

1959 to Present - Headquarters, U. S. Air Force, Pentagon, Frequency Allocation Section, working in the areas of frequency density and RF interference.

PAPERS AND PRESENTATIONS:

Author of many published technical reports and papers, some of which have been presented at the radio interference conferences held in Chicago and by the IRE.

MEMBERSHIP:

Member of the IRE and member of many professional groups.

COMMITTEE ACTIVITIES:

Served on many committees on military RF interference and presently serves in an advisory capacity on matters of RF interference, both within and outside the Department of Defense.



THE INSTITUTE OF RADIO ENGINEERS

INCORPORATED

PROFESSIONAL GROUP CORRESPONDENCE

March 16, 1960

PLEASE ADDRESS
REPLY TO

200 S. 33 St.
Phila. 4, Pa.

Mr. Milton Kant
Sperry Gyroscope Co.
Mail Station I-37
Great Neck, L.I., N. Y.

Dear Milton:

The enclosed paper entitled Processing of Mutual Interference Matrices for Sets of Non-Interfering Frequencies has been submitted for publication in the Transactions of the Professional Group on Radio Frequency Interference. It would be very much appreciated if you would act as one of the reviewers for this paper.

For your convenience there is also enclosed a technical paper review form, which you may use or not as you see fit. Answers to the questions indicated will assist in the final evaluation.

It is desired that this review be done promptly in order to expedite publication and to keep the Transactions up-to-date. It would be appreciated if you would return the manuscript within two weeks, but in any event no later than 30 days. If you feel you should not make the review, please return this material promptly.

Sincerely yours,

R. M. Showers, Chairman
Technical Papers Committee
PGRFI

RMS:bk
Encl.

P.S. Suggest you make reference to a similar paper on p. 104 of Proceedings of the Fifth Conference on Radio Interference Reduction (just published). To be eligible for publication in the Transactions, the text should be substantially different.

REPORT OF THE CONSTITUTION AND BY-LAWS COMMITTEE
IRE PROFESSIONAL GROUP ON RADIO FREQUENCY INTERFERENCE

Mr. H. Schwenk has proposed amending the PGRFI By-Lays relating to the election of Administrative Committee members. He proposes that Sections 1, 2, 3, and 4 of Article VI of the By-Lays be deleted and the following be substituted:

Section 1: On or before October 1 of each year all members of the Professional Group on Radio Frequency Interference shall be notified that nominations for members of the Administrative Committee are open. This shall be done either by notice in a Newsletter or by direct notification of each member by post card or letter.

Section 2: Nominations shall be made by petition. The nominating petition for each nomination submitted shall contain at least 6 PGRFI members signatures together with a short (not more than 100 words) biography listing the affiliation and background of the individual nominated. All nominations must be in the hands of the Nominations Committee by December 1, of each year. If the Nominations Committee receives less than 10 names (two for each vacancy) or if the Nominations Committee sees fit to make nominations in addition to those received from the members, it shall be within the authority of the Nominations Committee to do so.

Section 3: On or before January 15 of the year a ballot containing the names of all members nominated for vacancies on the Administrative Committee and their biographies shall be sent to all members of the PGRFI. The marked ballots shall be returned to the Nominations Committee on or before February 15. The candidates receiving the highest numbers of votes shall be deemed to have been elected to the Administrative Committee. In case of a tie for any vacancy the names of the candidates receiving the same number of votes shall be put in a container and the name drawn from the container shall be deemed to have been elected to the Administrative Committee. The names of the elected members shall be transmitted to the Chairman of the Committee of Professional Groups and through him to the IRE Executive Committee. Unless disapproval of such elected members is received within 60 days of such transmittal, the elections shall become final.

Section 4: At the Annual Meeting, the current Administrative Committee shall elect officers for the coming year from the held-over or re-elected members of the Administrative Committee.

The above proposal calls for the direct nomination and election of the members of the Administrative Committee by the members of the PGRFI. Officers of the Administrative Committee will still be elected by the Administrative Committee members. The Nominations Committee will be treated the same as the other Standing Committee of the PGRFI.

If the above proposals are not accepted, then it is recommended that the By-Lays be revised as follows:

Delete Sections 1, 2, and 3 of Article VI of the By-laws and substitute:

Section 1: On or before January 1 of each year the Administrative Committee Chairman shall appoint a Nominations Committee which shall consist of a Chairman plus four or more members of the group not more than half of whom may be members of the Administrative Committee. The Administrative Committee Chairman shall notify all members of the Administrative Committee of the names of the members of the Nominations Committee before January 15 of each year.

Section 2: On or before February 15 of each year the Nominations Committee shall pick a slate of at least two members (may include members nominated by petition) of the group for each vacancy on the Administrative Committee, and shall transmit the names of the accepting nominees to the Chairman of the Administrative Committee. Nominations by petition signed by at least six members of the group will be received by the Nominations Committee Chairman on or before February 1. The Administrative Committee Chairman shall notify the members of the Administrative Committee at least 20 days before the annual meeting of the names of the candidates for vacancies on the Administrative Committee.

Section 3: at the annual meeting, the Administrative Committee shall hold elections to fill the vacancies on the Administrative Committee for the next year from the slate submitted by the Nominations Committee including those nominated by petition. Each member shall vote for candidates for the number of vacancies to be filled. Ballots containing candidates names for more or less than the number of vacancies shall be declared void. The candidates receiving the highest number of votes shall be declared elected to fill the vacancies for the coming year. The names of the elected members shall be transmitted to the Chairman of the Committee on Professional Groups and through him to the IBEW Executive Committee. Unless disapproval of such elected members is received within 60 days of such transmittal, the elections shall become final.

In either case, it is recommended that Section 12 of Article III of the By-Laws be changed to read:

Section 12: The Nominations Committee shall have the duty of nominating at least two qualified members for each vacancy to occur in the Administrative Committee at the end of each year.

Respectfully submitted,

W. Hart, Chairman
Constitution and By-Laws Committee
FORST - IBEW