



THE INSTITUTE OF RADIO ENGINEERS

INCORPORATED

1 EAST 79 STREET

NEW YORK 21, N.Y.

LEHIGH 5-5100

April ²~~18~~, 1957

Mr. Milton Kant
Mail Station I-37
Sperry Gyroscope Company
Great Neck, New York

Dear Mr. Kant:

Thank you very much for calling to our attention the meeting on Radio Frequency Interference to be held on April 10. I will be unable to attend since I will be out of town, but have called it to the attention of some interested persons within our organization and have requested them to attend.

We would appreciate being placed on the mailing list to receive all future correspondence with regard to this committee.

Very truly yours,

L. G. Cumming
Technical Secretary

U. S. NAVAL AIR DEVELOPMENT CENTER
JOHNSVILLE, PENNSYLVANIA

EL-93

2 APRIL 1957

Mr. Milton Kant
Sperry Gyroscope Company
Mail Section I-37
Great Neck, New York

Dear Mr. Kant:

Thank you and Mr. Harold Schwenk for your letter of 11 March 1957 and your invitation to attend the 10 April 1957 meeting in New York for the purpose of discussing and organizing a Working Group similar to the RITC (Radio Interference Technical Committee) recently established in Los Angeles, California.

I am in favor of and would like to participate and support such an organization. However, because of other commitments and travel time required, I will not be able to do so in the near future or attend the first meeting scheduled for 11 April 1957.

If possible I would like to receive a copy of the minutes of your meetings.

Sincerely yours,

C. S. Vasaka

C. S. Vasaka
U. S. Naval Air Development Center
AEEL-Johnsville, Pa.

X



REPUBLIC AVIATION CORPORATION

FARMINGDALE, LONG ISLAND, NEW YORK

Telephone CHapel 9-1100

2 April 1957

Messrs. Milton Kant & Harold Schwenk
Mail Station I-37
Sperry Gyroscope Company
Great Neck, New York

Gentlemen:

I received your letter of March 11th regarding the meeting in New York, April 10th, 1957 for the purpose of organizing an RF Interference group.

I would be very interested in joining the activities of such a group and feel that it could definitely serve an extremely useful purpose. Unfortunately, you selected a Wednesday evening which makes it impossible for me to attend due to previous commitments. However, I would surely appreciate being informed of your progress and will be most willing to help in any way I am able.

I will notify other personnel at Republic who may be interested in your activities.

Sincerely,

R. S. Bergen
Q. C. Electronic Laboratory

RSB:jg

1951 May 3

Dear Mr. [Name],
I have your letter of [Date] and am glad to hear that you are interested in [Topic].

I would be very interested in joining the [Organization] and would like to know more about the [Details].
I have a [Degree] in [Field] from [University] and have been working in [Field] for [Years].
I am currently [Employment Status] and would like to know if you have any [Positions] available.

I will be glad to provide any further information you may need.

Sincerely,
[Name]

[Address]
[City, State, Zip]

PHILCO CORPORATION

GOVERNMENT AND
INDUSTRIAL DIVISION
4700 WISSAHICKON AVE., PHILADELPHIA 44, PA.

April 2, 1957

Mr. Milton Kant
Mail Station I-37
Sperry Gyroscope Co.
Great Neck, New York

Dear Sir:

Thank you for your letter of March 11, 1957, inviting me to attend the RF Interference organization meeting on April 10, 1957. I will not be present at the meeting, but am interested in the results of such a meeting.

Very truly yours,

C. R. Browning

C. R. Browning
Philco Corp.
4700 Wissahickon Ave.
Phila. 44, Penna.

CRB:hw

April 2, 1957

Commander
Rome Air Development Center
Griffis Air Force Base
Rome, New York
Att.: J. Ferliner, RCUAC

Gentlemen;

It is requested that, if possible, Mr. Joseph Berliner of RADC (RCUAC) give an address during the first meeting of a group being formed in this area of individuals working or actively interested in RF interference control.

This group is being formed to educate and to improve communication between people involved in interference work. A similar group (Radio Interference Technical Committee) has been organized and functioning on the West Coast for approximately one year. It is expected that a representative cross-section of those involved in interference work will be present. This will include people working for electronic equipment manufacturers, both military and commercial, airplane manufacturers, instrument makers, filter and capacitor manufacturers, shielded room suppliers, consultants, etc.

Therefore it is felt by the undersigned, who have undertaken the organizing effort to form this group, that it would be appropriate to have Mr. Berliner give an address outlining the past and current program and future plans of the Rome Air Development Center concerning RF interference control and the role that an organization of this type should take in the field of RF interference. Since Mr. Berliner has spoken on the RADC interference program at such places as the Armour Conferences in Chicago, it is felt that he is qualified to give this type of address to the people interested in forming this group.

This meeting will be held on Wednesday, April 10, 1957 at 8:00 PM in the Conference Room of the Willkie Memorial Building, 20 West 40th Street, New York, N. Y.

The undersigned are acting as individuals in this organizing effort and not as official representatives of the Sperry Gyroscope Co.

Replies should be addressed to the undersigned at Mail Station I-37, Sperry Gyroscope Co., Great Neck, New York.

Very truly yours,

M. Kant

H. Schwenk

April 2, 1957

Chief, Bureau of Ships
Att.: Code 810
Department of the Navy
Washington, D. C.

LIBERTY 5-6700
X-63552

Gentlemen:

It is requested that, if possible, Mr. Leonard W. Thomas of Bu Ships (Code 837) give an address during the first meeting of a group being formed in this area of individuals working or actively interested in RF interference control.

This group is being formed to educate and to improve communication between people involved in interference work. A similar group (Radio Interference Technical Committee) has been organized and functioning on the West Coast for approximately one year. It is expected that a representative cross-section of those involved in interference work will be present. This will include people working for electronic equipment manufacturers, both military and commercial, airplane manufacturers, instrument makers, filter and capacitor manufacturers, shielded room suppliers, consultants, etc.

Therefore it is felt by the undersigned, who have undertaken the organizing effort to form this group, that it would be appropriate to have Mr. Thomas give an address outlining the past and current progress and future plans of the Bureau of Ships concerning RF interference control and the role that an organization of this type should take in the field of RF interference. Since Mr. Thomas has been active in this field for many years, he is highly qualified to give this type of advice to the people interested in forming this group.

This meeting will be held on Wednesday, April 10, 1957 at 8:00 PM in the Conference Room of the Willkie Memorial Building, 20 West 40th Street, New York, N. Y.

The undersigned are acting as individuals in this organizing effort and not as official representatives of the Sperry Gyroscope Co.

Replies should be addressed to the undersigned at Mail Station I-37, Sperry Gyroscope Co., Great Neck, New York.

Very truly yours,

M. Kant

H. Schwenk



SPRAGUE ELECTRIC COMPANY

NORTH ADAMS, MASSACHUSETTS

3 April 1957

Sperry Gyroscope Company
Great Neck, L.I.
New York

Att: Mr. Harold Schwenk, Mail Station I-37

Gentlemen:

Thank you for your letter of March 11 describing a meeting to be held on April 10th to discuss formation of an East Coast Radio Interference Technical Committee. The idea sounds like a good one and we of the Sprague Electric Company would like very much to contribute to such a group. It is expected that the following representatives of our company will be able to attend this formation meeting:

Messrs. F. E. Garlington
J. G. McGail
F. S. Scarborough
B. Schenker

We will look forward to seeing you on the occasion of this gathering.

Very truly yours,

FIELD ENGINEERING DEPARTMENT
SPRAGUE ELECTRIC COMPANY

F. S. Scarborough
F. S. Scarborough

FSS/al

RADIO CORPORATION OF AMERICA
DEFENSE ELECTRONIC PRODUCTS
MOORESTOWN, NEW JERSEY



April 3, 1957

Mr. Milton Kant
Mail Station I-37
Sperry Gyroscope Company
Great Neck, New York

Dear Sir:

I regret very much that I shall be unable to attend the meeting that you mentioned in your letter of March 11, 1957. However, I am very much interested in the area of radio interference reduction as such a program would affect radar equipment, and would, therefore, appreciate hearing from you further.

The results of your meeting would be very interesting and helpful to me if you are able to furnish same.

Very truly yours,

A handwritten signature in cursive script that reads "R. M. Fisher".

R. M. Fisher
Manager, Transmitter Unit
Missile & Surface Radar Engineering

jmm

Federal Telecommunication Laboratories,

A DIVISION OF INTERNATIONAL TELEPHONE AND TELEGRAPH CORPORATION

500 WASHINGTON AVENUE, NUTLEY 10, NEW JERSEY



April 4, 1957
RCF-674

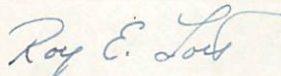
Messrs. Milton Kant and
Harold Schwenk
Sperry Gyroscope Company
Great Neck, Long Island
New York

Dear Sirs:

I shall be able to attend the RF Interference Meeting being held next week. I am interested in r-f interference control and have attended the three Armour Institute conferences on that subject in Chicago.

For your information, towards collation of the type of individuals attending the meeting, I am an electronics engineer involved in the development of microwave links.

Very truly yours,



Roy E. Lott

REL:dl

Material Laboratory
New York Naval Shipyard
Brooklyn, New York

April 6, 1957

Mr. Milton Kant
Mr. Harold Schwenk
Mail Station I-37
Sperry Gyroscope Co.
Great Neck, New York

Gentlemen:

I am interested to learn that there are some engineers in this area interested in forming an organization similar to the Radio Interference Technical Committee on the West Coast. I heard Mr. F. J. Nichols give his talk at Chicago in February and enjoy honorary membership in the West Coast organization but I am too distant to actively participate in their meetings.

Several years ago the Bureau of Ships held a meeting in the New York Naval Shipyard and another some time later in Washington to acquaint manufacturers with the Navy's requirements for radio interference and to answer as many questions as time would permit. Both meetings were attended by more than 200 engineers who showed a great deal of interest in learning how to meet various interference specification requirements.

Since the response to these and other similar meetings has shown that engineers and others who build Navy equipment have a great desire to learn more about radio interference, I believe an organization like the Radio Interference Technical Committee will fill a great need and will be well attended.

I plan to attend your proposed meeting next Wednesday and sincerely hope that an organization of this type will get its start at this meeting.

Very truly yours,

Robert W. Fairweather

Robert W. Fairweather

HEADQUARTERS
SIGNAL CORPS ENGINEERING LABORATORIES
FORT MONMOUTH, NEW JERSEY

IN REPLY REFER TO:

SIGFM/EL-DPM

8 April 1957

ADDRESS REPLY TO:

Messrs. Milton Kant and Harold Schwenk
Mail Station I-37
Sperry Gyroscope Company
Great Neck, New York

Gentlemen:

I was very happy to receive your letter of 11 March 1957, even though it did arrive rather late due to a misdirection in mail. It is very encouraging to find someone interested in forming a group to do something about the radio frequency interference problem.

I will do my best to be at your meeting 10 April 1957, and there are a number of points in forming an organization of this type I would like to bring out. First of all, for a group to be fully effective, it cannot limit itself to strictly suppression techniques in trying to reduce radio interference. The problem, of what we should call electronic interference, is so vast and encompasses such a wide variety of equipments and problems that the only permanent solution can be one where a systems aspect is studied. The project I am associated with at the United States Army Signal Engineering Laboratories is an attempt to find means for reducing the areas of interference among electronic equipments in the Army of the Future by considering improvement of frequency assignment techniques, optimization of frequency allocation versus tactical requirements of the equipments, communication network systems concepts, appropriate methods of modulation, appropriate propagation techniques, methods for the design of equipments to result in non-self jamming, and other similar considerations to aid in the avoidance or minimizing of mutual interference.

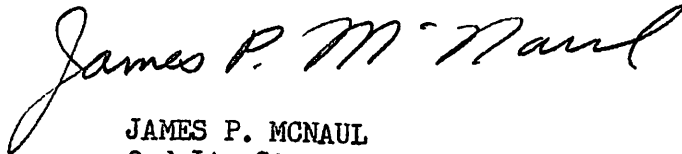
I feel that an organization such as you propose may be a valuable medium for the exchange of technical information and ideas. I, personally, and I believe, the members of my project, would like to see emphasized the idea of thorough systems planning and engineering by making full use of good equipment design criteria, optimizing methods of frequency allocation, and using realistic techniques of frequency assignment. I feel that it is only through a complex and painstaking analysis considering all elements of the system, that the present chaotic condition with regard to the spectrum can be solved, and that the 'bits and pieces' approach of the past will only result in further interference and a breakdown in electronic device usage.

Messrs. M. Kant and H. Schwenk
Sperry Gyroscope Company

8 April 1957

I am looking forward to meeting with you and exchanging ideas
and information this coming Wednesday.

Very truly yours,

A handwritten signature in cursive script that reads "James P. McNaul". The signature is written in dark ink and is positioned above the typed name.

JAMES P. MCNAUL
2nd Lt, Signal Corps
Assistant Project Officer, Project MONMOUTH

PLANTS
SOUTH PLAINFIELD, N. J.
NEW BEDFORD, MASS.
WORCESTER, MASS.
CAMBRIDGE, MASS.
PROVIDENCE, R. I.
HOPE VALLEY, R. I.
INDIANAPOLIS, IND.
FUQUAY SPRINGS, N. C.
SANFORD, N. C.
VENICE, CALIF.

SUBSIDIARY
THE RADIART CORPORATION
CLEVELAND, OHIO

CORNELL-DUBILIER
ELECTRIC CORPORATION



General Offices

333 HAMILTON BOULEVARD SOUTH PLAINFIELD, NEW JERSEY
PHONE PLAINFIELD 6 9000
BELL T. W. X. PLAINFIELD 475

PLEASE REPLY TO:
NEW BEDFORD DIVISION
1605 RODNEY FRENCH BOULEVARD
NEW BEDFORD, MASSACHUSETTS

April 12, 1957

Sperry Gyroscope Company
Division of Sperry Rand Corp.
Great Neck, New York

Attention: Mr. Milton Kant
Mr. Harold Schwenk

Gentlemen: Reference: Your Letter March 11, 1957

The writer planned to attend your meeting of April 10 and join in the various activities. Unfortunately, due to an unforeseen development attendance was impossible.

As we indicated in our telephone conversation on April 10, we would like to participate in your organization. It would be appreciated if you would send us the minutes of your meeting and notify us when the next meeting will be held.

Very truly yours,

CORNELL-DUBILIER ELECTRIC CORP.

W. M. Robinson

W. M. Robinson
Asst. Chief Engineer

WMR/lp



SPRAGUE ELECTRIC COMPANY
PACIFIC DIVISION

12870 Panama Street, P. O. Box 66507
Los Angeles 66, California

April 12, 1957

Messrs. Milton Kant and Harold Schwenk
Sperry Gyroscope Company
Division of Sperry Rand Corporation
Great Neck, New York

Dear Messrs. Kant and Schwenk:

Thank you for your letter and the attached announcement concerning a Radio Interference Group in the greater New York Area. I trust that your meeting on April 10 was very successful, and if we of the Radio Interference Technical Committee in Los Angeles can be of any assistance in the formulation of your Group we would be most pleased to cooperate with you.

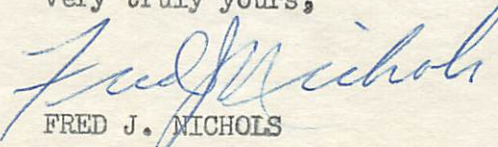
In regards to your comments of a Professional Group in the IRE, there has been the personal opinions of two sets of Officers within the Los Angeles RITC that we hold any decision in abeyance until our Group had been completely organized and was functioning as a smooth Committee. We have attained this stage some time ago, and at virtually each meeting we debate such a move. We have found in reviewing the various Engineering Societies that there are naturally a number of pros and cons, and when weighing these out we have preferred to remain independent.

We feel that with time some Engineering affiliation would be desirable. Some of the sentiments within our organization favor other Engineering organizations rather than the Institute of Radio Engineers, as a very large segment of our Membership comes from the Aircraft Industry, and the Engineers within the Aircraft Industry invariably belong to organizations closely identified with the Aircraft Industry.

It is my own personal feeling that one of the major advantages of the IRE is that it represents no one Group or Industry, and includes Engineers from all Industries. We are also studying the possibilities of being an affiliate group with the IRE, but as stated we have not taken any steps towards affiliation at this time. If your Group feels that affiliation is beneficial to your respective Group, then by all means pursue this approach.

Under separate cover, we are sending you an application blank of the Los Angeles RITC. Under our present procedures, we can only add those names of people to our mailing list who are Members. The \$1.00 a year Membership fee entitles you to all publications of our RITC Group.

Very truly yours,


FRED J. NICHOLS

FJN:vl

SPERRY GUNN COMPANY

PACIFIC DIVISION

12870 Tunney Street, N. O. Box 6830V

Los Angeles 66, California

April 12, 1957

Messrs. Milton Kent and Harold Bennett
Sperry Gyroscope Company
Division of Sperry Rand Corporation
Great Neck, New York

Dear Messrs. Kent and Bennett:

I thank you for your letter and the attached memorandum concerning a Radio Inter-Forum Group in the greater New York area. I trust that your meeting on April 12 was very successful, and if we of the Radio Inter-Forum Technical Committee in Los Angeles can be of any assistance in the formation of your group we would be most pleased to cooperate with you.

In regards to your comments of a professional group in the IRE, there has been the personal opinions of the staff of IRE within the Los Angeles IRE that we hold any decision in regards to our group had been completely organized and was functioning as a special committee. We have obtained this same time ago, and at virtually each meeting we debate such a move. We have found in reviewing the various laboratory facilities that there are naturally a number of fees and costs, and when weighing these out we have preferred to remain independent.

We feel that with the some engineering education would be desirable. Some of the advantages within our organization toward other engineering organizations rather than the Institute of Radio Engineers, as a very large segment of our membership comes from the aircraft industry, and the engineers within the aircraft industry invariably belong to organizations closely identified with the aircraft industry.

It is our present feeling that the radio inter-Forum group is not a professional organization, and includes members from all industries. We are also studying the possibility of being an affiliate group with the IRE, but as stated we have not taken any steps towards affiliation at this time. If your group feels that affiliation is beneficial to your respective group, then by all means pursue this approach.

Under separate cover, we are sending you an application blank of the Los Angeles IRE. Under our present procedure, we can only add these names of people to our waiting list who are members. The IRE's year membership fee entitles you to all publications of our IRE group.

Very truly yours,

[Handwritten Signature]
THOMAS J. HONORS

THJ:1

PROGRAM FOR APRIL 10 MEETING

1. Introductory Remarks
and Introductions (perhaps before meeting) *10 min 8:10*
2. Election of Temporary Officers (Chairman & Sec.) *10-15 min 8:25*
3. Short Talk(s) by Prominent Speaker(s) *30 min 8:55*
4. Discussion from floor on type of organization, purpose of organization *1 hour 9:55*
5. Establishment of Committees and appointment of temporary Chairman *20-30 min*
 - a) Organizing or Rules Committee
 - b) Membership Committee *10:35*
 - c) Program Committee