

communication systems, from the platoon to Army group, using manual and automatic switching."

Recommendation of suggestion and to whom made: Improvement of the Area communication systems at Field Army, Corps, and Division. Contractor's recommendations were concurred in by the U.S. Army Electronic Proving Ground and submitted to the Office of the Chief Signal Officer.

Acceptance or rejection of recommendation or suggestion and why: A minimum of 50 percent of the recommendations were accepted by the Office of the Chief Signal Officer and are currently being applied to the current Signal Corps tables of organization and equipment, resulting in changes to Signal units, personnel, and equipment, communications doctrine and procedures.

Type of effort: Technical assistance.

Contractor: Radio Corp. of America, Front & Cooper Streets, Camden, N.J.

Contract No.: DA-36-039-SC-80466.

Date of award: May 4, 1960.

Cost of contract: \$96,042.88.

Completion date: July 24, 1960.

Subject matter: Provide specific engineering assistance in certain designated areas to develop the communication systems for the Field Army for the period 1962-65.

Recommendation or suggestion and to whom made: Contractor was required to furnish engineering assistance to improve the Division, Area communications systems to include:

- (a) Repackaging of equipment;
- (b) T.O. & E. changes;
- (c) Training of personnel; and
- (d) Communications systems.

Reports were reviewed with recommendations and final conclusions prepared by USAEPG and submitted to OCSigO.

Acceptance or rejection of recommendation or suggestion and why: Recommendations and suggestions currently being evaluated.

Mr. SANDWEG. We will go to others in a moment, but I think we might indicate here at least it appeared to me on not infrequent occasions we have had not only the Army but the Air Force as well to indicate that it did not have a capability and had to go out for that, and I think this might be something that the military could consider addressing itself to perhaps when these hearings are finished.

General TRUDEAU. Well, you wouldn't us to have the capability of building this. You want this done by private enterprise, and by the same token the checkout of this ought to be done by private enterprise.

Mr. SANDWEG. Wouldn't you think it important that you have the capability to measure these radiation frequencies?

General TRUDEAU. I think we have developed them over the years.

Mr. SANDWEG. But you didn't have it up to this time.

General TRUDEAU. I don't think we had them as rapidly as industry comes out with them.

Mr. NORBLAD. Well, your Signal Corps must be a tremendously big organization.

General TRUDEAU. It is.

Colonel JOHNSTON. With regard to this specific thing, we now have this capability, we now have radiation measurement teams we send out to take field strength measurements, to do a task just like this.

Again we get into the situation where naturally we are using electronics at much higher powers and in greater quantities than we have ever before. We have to check very, very carefully. Many of our airborne devices or tremendous antennas that are being constructed and utilized in support of our national space program—we must be