

DATE: 24 Oct 69



Office of the DD/S&T

TO: Mr. Gross

SUBJECT: BYE 78413-69

REMARKS:

John:

I thought you would find the attached of some interest. You will recall that I was queried as to the acceptability of Gene Fubini to chair a panel on the readout satellite question and with the Director's blessing gave them an OK. Gene met with us this week and discussed some of the things he wanted from us.

The interesting point raised here is one you might want to consider for discussion with some of your associates. Note that Gene says he is conducting this study with the objective of making recommendations to the DDR&E, including technical estimates of performance, development time required and costs of various programs. As you know Din Land has been plugging away on these very questions for at least two years with his own competent panel. He has already made judgments on all these points and they have been communicated to Excom members. Excom itself has

already made the decision to put the emphasis on solid state arrays and indicated an intent to make a final systems go ahead decision in January.

Since Gene will not complete his study until March, the bureaucracy seems to get unduly complicated.

I have no specific recommendations to make but you might want to think about whether we should question this procedure or simply go along with it and hope for the best. Meanwhile, I am intending to give the new Fubini panel our full cooperation and within reason provide them with any and all information which they request.

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*Land Panel*



OFFICE OF THE DIRECTOR OF DEFENSE RESEARCH AND ENGINEERING  
WASHINGTON, D. C. 20301

20 OCT 1969

Dear Carl:

Dr. Tucker, principal Deputy Director of R&D, has asked me to form a panel to review technology applicable to readout systems. I have not yet received the written terms of reference from Dr. Tucker; however, it is my understanding that I am to examine and assess the use of solid-state sensors and [redacted] in readout systems. The panel will attempt to make recommendations to the DDR&E as to which ideas warrant pursuing and will furnish technical estimates as to the performance which might be achieved, the development time required, and costs which may be incurred.

The purpose of the panel is not to judge the value of the requirement but only to assess which technology is likely to effect the most cost-effective solution.

I have asked the following to serve as members of the panel:

Dr. Alexander Flax  
President  
Institute for Defense Analysis

Dr. Robert H. Kingston  
MIT, Lincoln Laboratory

[redacted]  
National Security Agency

Dr. Aden Meinel  
University of Arizona

Mr. Arthur H. Hausman  
Ampex Corporation

Dr. Albert Latter  
The RAND Corporation

Dr. F. P. Adler  
Hughes Aircraft Company

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Professor Harold Lewis  
Department of Physics  
University of California

Mr. Harry Davis, Deputy Under Secretary of the Air Force (Systems Review), will serve as Executive Secretary.

The first meeting will be held at 0800 on November 13, 1969, in the DIA conference room in the Pentagon, Room 2D-921. I hope to complete the work in March 1970.

While the agenda of the first meeting is not firm, we would appreciate a briefing from your staff assisted, if you wish, by one of the contractors you feel could contribute. I am also asking General King to present the status of the technology at

This letter is sent for advance information only, as I will request the briefing through the proper channels.

Sincerely,

*Gene*

Eugene G. Fubini  
Chairman  
Panel on Real  
Time Technology

Mr. Carl E. Duckett  
Director  
CIA Reconnaissance Programs

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