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Massachusetts Institute of Technology
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SUBJECT: SAGE SYSTEM MEETING, 28 MAY 1956

To: Distribution List

From: P. J. Gray

Date: 28 May 1956

Approved: *William H. Ayer*
William H. Ayer

- Agenda:
1. Western Electric Representative at McGuire
 2. F102 Meeting
 3. BOMARC Integration
 4. Telephones in Building F
 5. TV Link to Fort Dawes
 6. Program Preparation for McGuire
 7. IBM-Lincoln Coordination Meeting

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1. Western Electric Representative at McGuire

It has been announced that D. M. Gallagher, formerly superintendent of Systems Programming, will be the Western Electric administrative head at McGuire. Mr. Gallagher will visit here Tuesday, at which time the nature of his duties will probably be clarified.

2. F102 Meeting

The Convair-Hughes-Lincoln study group completed its meeting last week, and is expected to publish a draft report within a week. Plans are being formulated to hold a similar study for the F102B which differs from the F102 primarily in its control system which is a digital rather than an analog device.

OK
cut3. BOMARC Integration

Representatives have returned from an ADC meeting to prepare a briefing for Headquarters, ADC and Headquarters, USAF regarding the use of BOMARC. This meeting produced what might be considered a type of operational plan. It is expected that the same process will be carried out for the F102 and the TALOS missile within the next month. As a result of the study, a number of problem areas were listed. The question of what agency is responsible for resolving the problems follows immediately. ARDC is still pursuing the idea of a third contractor to perform these functions. ADC is opposed to this approach, apparently feeling that either the weapons contractor or Lincoln should engage in this activity. It was agreed that there is a definite requirement for additional personnel from somewhere to work in these areas. There was also some opinion that it is probable that Air Force pressure will be brought to bear on Lincoln to increase activity in this area.

4. Telephones in Building F

Considerable difficulty has been encountered by users of the Building F exchange due to the beep tone which must be put on a phone if it is being recorded and is tied to a commercial exchange. The beep tone is placed on all trunks connected to the Volunteer Exchange, hence causing some consternation to users of the system. Since this condition arises when recordings are being made of console telephones, it is being recommended that the nine level, i.e. the facility to dial an outside line, be removed from all consoles. There is no serious requirement for this facility for operational reasons since an outside line could be obtained through the operator. In addition, the

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dials on the consoles contain only numbers and not the alphabetical characters used on a normal dial phone.

5. TV Link to Fort Dawes

A meeting was held last week with the TRACALS people concerning their proposed use of a television link to remote an XD-1 display to Fort Dawes for return-to-base experimentation. The TRACALS people hope to have breadboard equipment ready for initial testing sometime during September. No committment has been made to them as to availability of a console although efforts will be made to cooperate with them wherever possible.

6. Program Preparation for McGuire

It was announced that the date for the first completed master program will now be March 1957. This will have the obvious effect of delaying the McGuire operational date. The exact effect on the operational date has not as yet been determined. This week, in conjunction with the 4620th ADW, an effort will be made to formalize and evaluate the effect of this delay. It was pointed out that ESS evaluation could not take place prior to the availability of this program, i.e. March 1957.

7. IBM-Lincoln Coordination Meeting

It was announced that this meeting would take place on Wednesday, 6 June. The following items were suggested for inclusion on the agenda:

1. Discussion on the Jansky and Bailey radiation report
2. A report on IBM Duplex Standby Activities
3. Discussion of the difficulties with XD-1 Power Supplies
4. Status of increased Memory Capacity Study.

SIGNED


P. J. Gray

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