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Memorandum 6M-4162

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Division 6 - Lincoln Laboratory  
Massachusetts Institute of Technology  
Lexington 73, Massachusetts

SUBJECT: SAGE SYSTEM MEETING, 13 FEBRUARY 1956

To: Distribution List

From: P. J. Gray

Date: 13 February 1956

Approved: B. E. Morriss  
B. E. Morriss

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By: [Signature]  
Date: 4-4-60

- Agenda:
1. Group 67 Status
  2. Teletype Equipment for Low Rate AN/FSQ-7 Inputs
  3. McGuire "On Site" Committee
  4. Automatic AAOC
  5. Exchange of Information with LPO
  6. SAGE Operational Plan Annexes
  7. Meetings Scheduled This Week

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1. Group 67 Status

Indications are that schedules for the development of the operational program for XD-1 are still slipping. A thorough study is being made in an attempt to stop this slippage. The most recent schedules show a slippage of approximately six weeks over previously published schedules.

2. Teletype Equipment for Low Rate AN/FSQ-7 Inputs

A memorandum by R. Gerhardt has been written recommending the use of teletype rather than phone line data circuits for purposes of weapons inputs. BTL has been doing some study in this area. In addition, Group 61 are also studying this memorandum and expect to do so very thoroughly. It was felt that BTL should have a representative in any discussions which take place here. Group 61 has primary responsibility at Lincoln.

3. McGuire "On Site" Committee

A proposal is being made by Western Electric for the formation of an "On Site" Committee to monitor the activities at SAGE installations from the point of beneficial occupancy of the buildings to actual turnover of the site to the Air Force for operational use. It is expected that this committee will be a monitoring and expediting, rather than planning, committee and would be located at the sites. It is understood that a letter will be sent requesting designation of a Lincoln member of this committee. All organizations involved are being asked to estimate their requirements for computer time, people, communications lines, space, etc., at McGuire. This is to be discussed at a meeting this afternoon.

4. Automatic AAOC

Group 61 personnel involved in weapons integration have been approached by Army personnel with regard to the prototype installation of the AN/FSQ-1 equipment being built by Glenn L. Martin Co. This is a type of semiautomatic Antiaircraft Operation Center, the prototype of which is being installed in the Boston area. Army personnel have indicated that this could be connected to XD-1 by late fall. However, before this can be done, an operational decision must be made between the Army and the Air Defense Command as to the mode of operation between AAOC's and considerable other preparation is required before a program could be written to allow incorporation of this equipment in the Experimental Subsector. Group 61 was instructed to formally prepare for presentation to Army personnel an outline of the necessary steps which must be taken before a connection of the the AN/FSQ-1 equipment could be made to XD-1.

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5. Exchange of Information With LPO

It was agreed that the LPO would be given copies of most 6M Memoranda in a manner similar to the operation with IBM. The PCO was instructed to maintain cognizance and control over this arrangement.

6. SAGE Operational Plan Annexes

Four annexes (amendments) to the SAGE Operational Plan have been prepared by Headquarters, Air Defense Command. The Lincoln office has 100 copies of these annexes and is now awaiting a distribution list from the 4620th ADW.

7. Meetings Scheduled This Week

- a. ADES Progress and Status Meeting  
220 Church Street, New York City  
Tuesday, 14 February 1956
- b. Air Force Phasing Committee  
220 Church Street, New York City  
Wednesday, 15 February 1956 (Aufderheide, Ayer)
- c. Requirements Advisory Group for ESS  
Lincoln Laboratory  
Tuesday, 14 February 1956 (A-166, 9:30 a.m.)

PJG:ero

SIGNED:

  
P. J. Gray

Distribution to:

Meetings Attendants

Others

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