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Memorandum 6M-4279

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

SUBJECT: SAGE SYSTEM MEETING, 2 APRIL 1956
To: Distribution List
From: P. J. Gray
Date: 2 April 1956
Approved: William H. Ayer
William H. Ayer

2 APRIL 1956
LIN. LAB. DIV. 6
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- Agenda:
1. Policy Concerning Personnel to be sent to SAGE Sites.
 2. IM/99 Compatibility
 3. AA Study
 4. Convertors for Bell Data Service in ESS.
 5. IBM Coordination
 6. Magnetic Tapes
 7. BTL Visit
 8. WWI Crosstell
 9. Meetings Scheduled This Week

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1. Policy Concerning Personnel to be Sent to SAGE Sites

Bragar brought up the need for formulation of a policy concerning reimbursement of expenditures of Lincoln personnel at a SAGE site for a period of 2 months to 1 year. General Laboratory policy is a no-gain, no-loss policy. The feeling was that in this case this policy should be interpreted liberally and should be tailored to each individual case rather than reduced to a set of general rules. Particular emphasis should be made on securing accommodations equivalent to the staff members' accommodations at home. Bragar indicated any persons having suggestions or specific knowledge concerning practices among other organizations should contact him.

2. IM/99 Compatibility

Last week the Boeing Airplane Company notified us by phone that they have agreed to send 10 people to Lincoln within the next three or four months to work on SAGE IM/99 Compatibility problems. This is not considered to be a sufficient number to accomplish the job, but is a step in the right direction.

3. Antiaircraft Study

Next week there are to be two briefings in Washington. One to the Air Council and the other to the Secretary of Defense concerning the Air Force's recommendation for integration of antiaircraft with SAGE. Colonel Halley of Headquarters, Air Defense Command will be here later this week to go over the outline and to prepare with Lincoln assistance an operational plan for antiaircraft integration. It is expected that this operational plan will recommend tight integration with SAGE and elimination of the Anti-Aircraft Operations Center and the transfer of its functions to the SAGE Direction Center. It is expected that some decision on this subject will be reached within the next two weeks. This decision may require some additional equipment in the Direction Centers and a fair amount of study. It was felt that Lincoln should support the operational plan which we think best while keeping in mind our inability to put any significant number of people on any integration effort.

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4. Convertors for Bell Data Service in ESS

The Bell System is having Bell data circuits installed from Clinton and Bath to Building F for purposes of evaluation and test. While no computer time has been allocated for these tests and the circuits are not required operationally in ESS, they can be used as alternate data links between these two sites after installation of the necessary convertors. This is being done on a low priority basis. It is expected that the lines will be available this month with the convertors available at some later date.

5. IBM Coordination

The IBM-Lincoln Coordination Meeting will be held either the 13th or 17th of April. The following items were suggested for inclusion on the agenda:

- a. Standby-Duplex Progress and Responsibilities
- b. Product Improvement
- c. Possibility of IBM conducting Air Defense Training Course as an adjunct to the Programmer Course.

6. Magnetic Tapes

The question was raised as to whether any action was being taken to increase the number of magnetic tape units in production systems. At the present time, no activity in this direction, from a contractual point of view, is being taken. Steps are underway to add one or two units to XD-1. It was pointed out that care should be taken to avoid generating a requirement for additional tape units in production simply because additional tapes will be available in XD-1. It is strongly felt that every attempt should be made to write the program in such a way that the present planning of four tape units per computer in production systems will be sufficient. Any requests for additional units in production systems must be based on a carefully studied requirement.

7. BTL Visit

Mr. Halligan of BTL will be here this week and next to discuss with various people McGuire Organization, responsibility, definition, and other planning, including Lincoln's role in the McGuire effort. Any staff members having opinions on this general subject are invited to contact Mr. Halligan while he is here.

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8. WWI Crosstell

It was announced by Group 61 that all activity on the WWI/XD-1 Crosstell effort has been stopped.

9. Meetings Scheduled This Week

- a. Date: 5 April 1956
 Place: Lexington
 Purpose: IBM-Lincoln Concurrence Meeting
 Participants: IBM, Lincoln (Crane, Giordano)
- b. Date: 6 April 1956
 Place: Kingston, New York
 Purpose: Production Coordination Meeting
 Participants: ADES-PO, RAFD, IBM, Lincoln (Smiley)

PJG:ero

SIGNED: 
P. J. Gray

Distribution

Meeting Attendants

Others

- H. E. Anderson
- J. A. Arnow
- D. R. Aufderheide
- W. H. Ayer
- H. D. Benington
- P. Bragar
- D. R. Brown
- W. Canty
- J. D. Crane
- S. H. Dodd
- R. S. Fallows
- C. W. Farr
- J. W. Forrester
- P. J. Gray
- W. A. Hosier
- D. R. Israel
- N. T. Jones
- K. E. McVicar
- J. P. May
- B. E. Morriss
- J. A. O'Brien
- W. Ogden
- T. R. Parkins
- E. S. Rich
- A. Roberts
- N. H. Taylor
- C. A. Zraket

- W. S. Attridge
- D. L. Bailey
- C. L. Corderman
- R. R. Everett
- C. Grandy
- J. Ishihara
- J. F. Jacobs
- W. Lone
- W. N. Papian
- J. C. Proctor
- H. K. Rising
- A. R. Shoolman
- P. R. Vance
- H. Ziegler

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