

Memorandum 6M-3782

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


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Subject: SAGE System Meeting 25 July 1955

To: Distribution List

From: E. D. Lundberg

Date: 25 July 1955

Approved: 
N. H. Taylor

- Agenda:
1. Group 63 Space in Building A
 2. Justification for Additional Funds for XD-1
 3. Navy Visitors
 4. Communications Meeting in Colorado Springs
 5. Requirement for Staff Member for XD-1 Air Conditioning
 6. Meetings Scheduled This Week

1. Group 63 Space in Building A

Group 63 has requested approximately 2000 square feet of space in the basement of building A to house the experimental transistorized computer. Because of a short time schedule, this space is required by 1 August. The Space Committee has recommended the allocation of the required space for this purpose. This request is now awaiting the approval of the Steering Committee which meets on Tuesday, 26 July.

2. Justification for Additional Funds for XD-1

N. H. Taylor indicated that the Systems Office is preparing a list of items that will require additional funds for XD-1. The major problem is to convince the ADES Project Office that XD-1 is a research and development type equipment which will require funds for modifications and changes on a continual basis. It was felt that the list being prepared should not be so definite as to limit the type of activity that might be engaged in, but should indicate the general type of experimentation for which the machine will be used.

3. Navy Visitors

C. W. Farr revealed that he has been receiving a considerable number of calls from the Navy Liaison Office regarding visitors who wish to take Lincoln training courses, e.g., the SAGE Familiarization Course and the Basic Programmer Training Course. It was felt that because of the in-

creasing number of requests of this nature from the Liaison Officers, that they should be allowed to deal directly with the individuals concerned in Lincoln, as long as the number of requests remains within satisfactory limits. However, Division 6 management should be informed by the Liaison Officers of all items discussed.

4. Communications Meeting in Colorado Springs

H. J. Kirshner reported on his trip to Colorado Springs which was made primarily to discuss the BTL-ADES document on teletypes for the SAGE System. Agreement was reached among representatives of ADC, ADES, and Lincoln that the document was satisfactory with certain minor changes.

Several other items discussed by ADC are the following:

- a. The combined Combat Center-Direction Center Building has a communications center and a weather office in each half of the combined building. ADC is considering the possibility of combining the rooms in each half of the building, so that the Direction Center would contain only a communication center and the weather office would be located in the Combat Center.
- b. ADC has questioned the method of handling air base status information in the manual inputs room. It is felt that this information should go directly from the teletype to a punched card. Kirshner indicated that in XD-1 experimentation will be made with the use of perforated tape from which a card would be punched automatically on a tape to card machine.
- c. ADC has indicated a desire that all teletype machines in the communications center be government owned, while those in the manual inputs room will be leased. ADC might require some space in the Direction and Combat Centers for minor maintenance of the government owned machines, although major maintenance will be accomplished elsewhere.
- d. ADC is interested in receiving information on the maintenance coordination job of the C & E duty officer at a Direction Center. E. S. Rich indicated that he has been working on this project and has been informing Lt. Marks (ADC) of progress.

Kirshner also reported on a discussion with I. G. Swope of Division 7 on the handling of certain work required in the Experimental Subsector in connection with the installation of communications facilities at various bases, e.g., digging trenches and installing poles. Mr. Swope indicated that he had little experience with this type of work and did not feel qualified to handle the contracting and supervision of this activity. As a result, arrangements have been made for the Division 1 Purchasing Department to handle the contractual aspects for work to be done as specified by Division 6.

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5. Requirement for Staff Member for XD-1 Air Conditioning

J. A. O'Brien indicated a rather urgent requirement for a staff member to handle air conditioning problems for XD-1. Division 7 is to be contacted regarding the possibility of supplying someone to assist in this area for at least a year.

6. Meetings Scheduled This Week

- a. The Planning Approval Committee will meet as usual on Monday, 25 July at 3:00 p.m. N. H. Taylor indicated a problem is developing in the Experimental Subsector time schedule because several items have fallen two to three months behind, although the parties concerned feel that these delays will be made up and that the ultimate schedules will not be delayed.
- b. The conference on training devices for the SAGE System will be held in room D-218 at 9:00 a.m. on 26 July. This will be attended by the Air Force, ADES, Burroughs, Rand, IBM, and Lincoln.
- c. The ADES-Lincoln Biweekly Meeting will be held in room A-166 at 9:00 a.m. on 27 July.

Signed:


E. D. Lundberg
Production Coordination Office

EDL:ero

Distribution List

Meeting Attendants

J. W. Forrester
R. R. Everett
C. W. Farr
H. J. Kirshner
E. D. Lundberg (2)
K. E. McVicar
J. A. O'Brien
T. R. Parkins
E. S. Rich
N. H. Taylor
D. R. Brown

Others

H. E. Anderson
J. A. Arnow
W. H. Ayer
J. J. Carson
S. H. Dodd
J. F. Jacobs
B. E. Morriss
B. B. Paine
C. R. Wieser
S. Hibbard
D. R. Israel
J. C. Proctor
P. Youtz
C. A. Zraket