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Memorandum 6M-3763

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SUBJECT: SAGE SYSTEM MEETING-18 JULY 1955

To: Distribution List

From: E. D. Lundberg

Date: 18 July 1955

Approved:

B E Morriss / mmc
B. E. Morriss

- Agenda:
1. Meeting with AMC at Dayton
 2. Comments on Minimum Equipment List for AN/FSQ-7
 3. Communications Entrance Facilities in Experimental Subsector
 4. Visit to Philco and Burroughs
 5. XD-1 Status
 6. Meetings Scheduled This Week

1. Meeting with AMC at Dayton

B. E. Morriss reported on a meeting which he attended at Dayton last week. This meeting was called by the Air Force to discuss the costs of various electronic items being procured by AMC. Budget estimates for the AN/FSQ-7 and AN/FSQ-8 Systems were presented by RAFD, but these are not considered to be accurate figures as cost information has not been provided by IBM on the Production Systems. These estimates will be presented in the form of an interoffice memorandum for the benefit of interested Lincoln personnel.

2. Comments on Minimum Equipment List for AN/FSQ-7

AFCRC has received a copy of the Minimum Equipment List for the AN/FSQ-7 from IBM. The Lincoln Project Office has requested comments on the list from Lincoln Laboratory. The main Lincoln objection to the MEL, which will become part of the IBM contract, is that each console layout is specified to the extent that changes will be very difficult to accomplish.

3. Communications Entrance Facilities in Experimental Subsector

H. J. Kirshner briefly outlined current problems in obtaining entrance facilities at certain bases to be used in the Experimental Subsector. ADC has granted permission to the telephone companies to do the necessary work in providing communication facilities at ADC bases. However, the telephone companies have indicated that they are unwilling to do certain jobs in connection with providing these entrance facilities, e.g., digging trenches and installing poles. As a consequence, we are proceeding to contract this work at the Truro, Brunswick, and Montauk installations.

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Because of time limitations, it was agreed that we should go ahead and do this work on the present basis. It was decided, however, that Division 7 should be contacted to handle the contracting and supervision of this activity because of greater experience with this type of work.

4. Visit to Philco and Burroughs

N. H. Taylor reported on visits to Philco and Burroughs last week by Lincoln personnel. Philco is doing work for Lincoln on transistors and progress to date is quite encouraging. They have a very capable organization and during the visit expressed interest in obtaining a computer contract.

The visit to Burroughs was not as encouraging, although the general attitude of the personnel contacted was very good. However, Burroughs is faced with a real manpower problem and has had considerable procurement difficulty. It was estimated that production schedules have slipped by about two months and it is doubtful whether current delivery schedules will be met.

5. XD-1 Status

An evaluation test was run on XD-1 last week and was not too successful. The mean time between errors was .3 hours on an 8-hour run. Most of the trouble was in the drums.

The central computer runs well when left alone. The inside of the drums and some of the outside fields are now on routine maintenance. The tape units are also running quite well.

One of the big problems is in the power supplies. J. A. O'Brien feels that these problems cannot be corrected until G.E. sends representatives here to work with Lincoln personnel in determining how the difficulties can be remedied. It was also indicated that Lincoln has been responsible for all maintenance of power supplies. It was felt that this is an area for which IBM should be responsible and that they should be requested to take over this job. N. H. Taylor felt that the change over to IBM maintenance should be gradual, but that it should probably be accomplished within the next six months. It was suggested that this item be discussed at the next Coordination Committee Meeting.

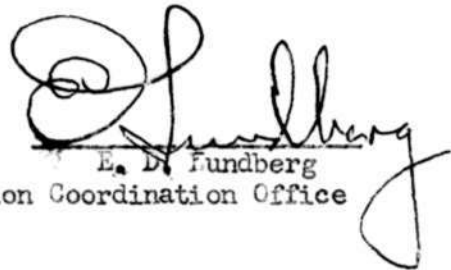
6. Meetings Scheduled This Week

- a. The ADES Project Office has set up a meeting at Lincoln on Wednesday, 20 July, to discuss console layout changes. It was indicated that this meeting may also discuss the change procedure in general. It will be attended by various Air Force organizations, in addition to ADES, IBM, and Lincoln.

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- b. The Coordination Committee Meeting will be held on Tuesday, 19 July, at the IBM Kingston Plant at 10:00 A.M. This will be attended by Everett, Farr, Morriss, Anderson, and Rich.
- c. The Engineering-Installation Phasing Committee will meet at 220 Church Street, on Tuesday, 19 July. This will be attended by McVicar and Rader.
- d. A meeting to discuss SAGE teletype requirements will be held at Colorado Springs on Thursday, 21 July. This will be attended by Carter and Kirshner.



E. D. Lundberg
Production Coordination Office

EDL:mmc

Distribution:

Meeting Attendants

R. R. Everett
H. E. Anderson
C. W. Farr
H. J. Kirshner
E. D. Lundberg (2)
K. E. McVicar
B. E. Morriss
J. A. O'Brien
T. R. Parkins
N. H. Taylor

Others

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