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Memorandum 6M-3701

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SUBJECT: SAGE SYSTEM MEETING 20 JUNE 1955  
To: Distribution List  
From: E. D. Lundberg  
Date: 20 June 1955  
Approved: *S. H. Dodd / m.m.c.*  
S. H. Dodd

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- Agenda:
1. IBM Coordination Meeting
  2. Acceptance Tests
  3. Aircraft Requirements in the Experimental Subsector
  4. RETMA Committee Proposals
  5. Bendix Representation at Lincoln
  6. Meetings Scheduled this Week

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A th: *20259*  
By: *llh*  
*4-4-60*

1. IBM Coordination Meeting

Items to be discussed at the IBM Coordination ~~Committee Meeting~~ this week were reviewed by N. H. Taylor. It was indicated that IRM has promised to assign a man to study the change procedure problem and that a follow up should be made on the status of his activity. Also, experience with XD-1 has indicated that it may be desirable to have a second source of supply for charactron tubes. IBM should be requested to take the initiative in securing the second source.

2. Acceptance Tests

N. H. Taylor discussed an informal request of Lt. Camp (AFCRC) for a letter from Lincoln pointing out inadequacy of the present test requirements which he would use as the basis for writing a letter to IBM. However, it was indicated that our evaluation tests are proceeding satisfactorily and that we should not be concerned as long as we are satisfied that performance continues to be satisfactory. The major item of concern at the present time is that contractual coverage be obtained for the additional index registers required for XD-1. Amendment 3 to AFCRC Exhibit 1A has been forwarded to RAFD by AFCRC covering the additional index registers. The present status of this item will be investigated.

3. Aircraft Requirements in the Experimental Subsector

In connection with the preparation of a revision to a document on aircraft requirements, J. R. Wieser indicated that we need agreement on the number of aircraft required for saturation tests of XD-1. Equipment is being provided in the Experimental Subsector to provide for saturation tests on one intercept director team using 50 simultaneous interceptions.

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The research reported in this document was supported jointly by the Department of the Army, the Department of the Navy, and the Department of the Air Force under Air Force Contract No. AF 19(122)-458.

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Equipment can be provided for saturation tests up to 90% of the capacity of a SAGE System Subsector, and if this is desirable, action must be taken in the near future. It was decided that informal discussions with Colonel Lee (ADC), Lt. Colonel Stevenson (ADC), and Lt. Colonel LaMontagne (AFCRC) should take place first concerning problems in this area to determine Air Force feelings. The availability of aircraft is an important consideration, if full saturation tests are required. N. H. Taylor agreed to take action on this matter.

#### 4. RETMA Committee Proposals

The RETMA Committee has made two proposals which were reported on by N. H. Taylor. These are the following:

1. That Federal electronic specifications provide for "in-socket" preventative maintenance (example: marginal checking).
2. That Federal procurement specifications for electronic components include material specifications and process control specifications.

#### 5. Bendix Representation at Lincoln

The Bendix Corporation, that will be an IBM subcontractor for inputs to the AN/FSQ-7, has decided to have a full time representative at Lincoln Laboratory. The actual person resident at Lincoln will change each week, rotating among 3 engineers. This representative is also interested in the FPS-3 and FPS-14, for which Bendix has contracts.

#### 6. Meetings Scheduled this Week

- a. The Civil Aeronautical Authority will have personnel here on Tuesday and Wednesday, 21 and 22 June, for purposes of SAGE System familiarization.
- b. General Electric is working on a new program which involves the use of an electronic computer and weapons. Mr. Fagan of General Electric has invited Lincoln representatives to visit the Syracuse plant. Those interested may contact N. H. Taylor.
- c. A discussion of 6M-3441, Reliability of Duplexed Equipment, will take place in room D-218 at 9:30 A.M. on Tuesday, 21 June.
- d. A meeting will be held at EADF, Stewart Air Force Base, on 21 June to discuss telephone entrance facilities in the Experimental Subsector. This will be attended by representatives of the telephone companies, ADC, and Lincoln.
- d. A meeting will be held on Wednesday, 22 June, at Poughkeepsie to concur on console equipment and label layout for XD-1 and AN/FSQ-7.


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- f. A regular IBM-Lincoln conference meeting will be held at Poughkeepsie on Thursday, 23 June.

  
E. D. Lundberg  
Production Coordination Office

EDL:mmc

Meeting Attendants

J. W. Forrester  
R. R. Everett  
H. E. Anderson  
D. R. Brown  
S. H. Dodd  
C. W. Farr  
J. F. Jacobs  
H. J. Kirshmer  
E. D. Lundberg(2)  
K. E. McVicar  
J. A. O'Brien  
T. R. Parkins  
J. C. Proctor  
E. S. Rich  
N. H. Taylor  
C. R. Wieser

Others

J. A. Arnow  
J. J. Carson  
S. Hibbard  
D. R. Israel  
B. E. Morriss  
B. B. Paine  
R. L. Walquist  
P. Youtz  
C. A. Zrakat

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