

FOR INTERNAL DISTRIBUTION ONLY

Memorandum 6M-3392

Page 1 of 2

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

SUBJECT: SAGE System Meeting February 21, 1955

To: See Distribution List

From: P. Bragar

Date: 21 February 1955

Approved:

A. P. Kromer
A. P. Kromer

- Agenda:
1. IBM Maintenance Responsibilities in Building F
 2. Computer Time Cycle
 3. Programming Manpower Requirements for System Checkout and Evaluation
 4. Dissemination of Information on Contemplated Changes to SAGE Equipment or Operations
 5. Display Cabling

1. IBM Maintenance Responsibilities in Building F

The maintenance responsibilities of IBM in Building F should parallel as closely as possible their activities in the production centers. Taylor and Kromer will discuss with Hal Ross a desirable arrangement for carrying out these responsibilities. Division I will perform the maintenance tasks in Building F which would be in the hands of the Air Force or of Civil Service personnel in the production centers.

2. Computer Time Cycle

The Systems Office is currently working with Seward of Group 61 on a detailed breakdown of the computer operations cycle. A report on the "time cycle" required for the production machine to perform all necessary operations on the required number of tracks will be ready in approximately two weeks.

3. Programming Manpower Requirements for System Checkout and Evaluation

Programmer manpower requirements for system test and evaluation during the last four months of the installation at Maguire prior to turn-over of the system to the Air Force (the "program installation" period), have not yet been fully determined. Likewise the "program installation" period at subsequent sites (after the operational program has been checked out at a previous center) has not been determined. Ed Rich will head up a study

group to consider the test and evaluation requirements and the programming manpower required at the different sites.

4. Dissemination of Information on Contemplated Changes to SAGE Equipment or Operations

The activity of many groups concerned with the installation and operation of the SAGE System requires a wide dissemination of information on any contemplated changes. Operational changes may require equipment and/or building changes and vice versa. Contemplated or planned changes affecting equipment or operations should be addressed to the Systems Office with copies to the PCO. This requirement is in general related to changes in information previously released by the laboratory by a T.I.R. It is expected that the Change Evaluation Request procedure, when finally established, will provide means for adequate dissemination of information of all contemplated changes. It is necessary that the Systems Office and the PCO maintain a feed-back control which advises the originator of a change request, of the action taken or contemplated on that change.

5. Display Cabling

IBM does not have all the information required from Lincoln on warning lights and pushbuttons for consoles. These items determine the maximum number of cables required per console as well as the flexibility which can be designed into the interconnection system for consoles and display system. It is possible that we are presently holding IBM engineering and production up by not furnishing all the desired information. Everett, Wieser, and Dodd will study the problem and determine what information must be furnished IBM at this time.

SIGNED: 
P. Bragar

PB:mmc

Distribution:

Meeting Attendants

J. W. Forrester	P. Bragar
R. R. Everett	P. Youtz
N. H. Taylor	W. S. Attridge, Jr.
J. C. Proctor	C. A. Zraket
A. P. Kromer	
J. F. Jacobs	
J. A. O'Brien	
B. E. Morriss	
B. B. Paine	
S. H. Dodd	
C. R. Wieser	
E. S. Rich	

Others

J. A. Arnow
R. L. Walquist
H. J. Kirshner
D. R. Brown
W. H. Ayer
H. E. Anderson
D. R. Israel
K. E. McVicar
S. Hibbard