

Memorandum 6M-4210

Page 1 of 4

INTERNAL DISTRIBUTION ONLY

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

SUBJECT: SAGE SYSTEM MEETING, 27 FEBRUARY 1956

To: Distribution List

From: P. J. Gray

Date: 27 February 1956

Approved: B. E. Morriss
B. E. Morriss

- Agenda:
1. Phone Circuit Error Rates
 2. Distribution of Weapons Integration Memorandum.
 3. Results of Murphy Space Meeting
 4. ESS Presentation at Next ADES Meeting
 5. ESS Changes
 6. Height Finder Request
 7. Meetings Scheduled ~~This Week~~

LIN. LAB. DIV. 6
 DOCUMENT ROOM
 DO NOT REMOVE
 FROM
 THIS ROOM

6M-4210

page 2

1. Phone Circuit Error Rates

Eric Wolf of Group 61 has written a draft M-note entitled, Operational Performance Requirements for SAGE System Telephone Data Circuits. There was some thought about releasing this document by T.I.R. However, representatives of Divisions 2 and 3 feel that release of this document at present would be premature and might be detrimental to the current Lincoln-BTL study of this problem. Conclusion: The draft M-note will be coordinated for comments and a re-write prepared which can be given to BTL personnel as a working document.

2. Distribution of Weapons Integration Memorandum

A number of requests from Weapons Contractors for 6M-4048, General Procedure for Integrating New Weapons with SAGE, have been received. There was some question as to whether this memorandum could be distributed. Inasmuch as Lt. Col. LaMontagne of the Lincoln Project Office indicated that he had no objection to its distribution, it was agreed that this memorandum can be sent to any one who has a need for it.

3. Results of Murphy Space Meeting

In discussing the results of the meeting held at Murphy last week concerning allocation of space there, the following points were brought out: Murphy will, for the foreseeable future at least, continue to function as an Army Hospital and hence, will not be "turned over" to the Air Force; it appears that space at Murphy may not be a problem prior to September, although there is some doubt whether Rand is anticipating their requirements to a sufficient degree. The plans for a Rand building here at Lincoln also affect this situation. It was mentioned in this connection that the Air Force building to be attached to building F is now scheduled for late summer or fall. It is obvious from the above that Murphy cannot be considered a long term solution to any Lincoln problems. It was emphasized that Lincoln must take a strong stand against moving non-Lincoln personnel into the Lincoln buildings. It was indicated also that lack of space in the Lincoln buildings here for use by people from Murphy is resulting in some wasted time of these people since they have no place to go. Proctor was requested to investigate the use of space here in the Laboratory presently assigned to these organizations.

6M-4210

page 3

4. ESS Presentation at Next ADES Meeting

Lincoln has been requested to give a presentation on the status of the ESS at the next ADES meeting to be held March 13. Rader and Morriss will handle arrangements for having this presentation made.

5. ESS Changes

Due to the rapid approach of the date when the operational program must be integrated with the XD-1 equipment, it has become evident that no changes which are not mandatory changes, to make the system work, can be incorporated in ESS for the next few months. This is not to say that improvements in maintenance procedures or modifications to the machine to increase reliability should not be made. However, any changes affecting equipment or operational specifications cannot be considered at this time unless these changes are required to make the system operate properly. This is basically no different from presently prevailing policy concerning changes. However, it is felt that this policy must be more strictly adhered to. Taylor will write a memorandum for wide distribution restating and emphasizing this policy.

6. Height Finder Request

At present, a great deal of confusion exists as to compatibility problems between the various types of DDR-DDT's and the FST-2 equipment and the current design of XD-1. A number of changes are in the mill concerning bit and sync formats. O'Brien is to set up a meeting this week of all interested parties to determine a course of action in this area.

7. Meetings Scheduled This Week

a. Date: 28 and 29 February 1956
Place: Dayton, Ohio
Purpose: Preliminary Discussion of IM-99
Compatibility Test Plans.
Participants: Hq. ARDC, RADC, AFMTC, Hq. ARDC (New York), Boeing, ARDC Weapons Systems Project Office, Lincoln (Wieser, Jacobs).

6M-4210

page 4 of 4

b. Date: 1 March 1956
Place: IBM Poughkeepsie
Purpose: IBM-Lincoln Concurrence Meeting
Participants: IBM, Lincoln (Crane, Shorey)

SIGNED: 
E. J. Gray

PJG:ero

Distribution List

Meeting Attendants

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. R. Everett
R. S. Fallows
C. W. Farr
J. W. Forrester
P. J. Gray
J. F. Jacobs
L. R. Jeffrey
N. T. Jones
J. P. May
B. E. Morriss
J. A. O'Brien
W. Ogden
T. R. Parkins
J. C. Proctor
E. S. Rich
N. H. Taylor
C. A. Zraket

Others

W. S. Attridge
D. Bailey
C. L. Corderman
C. Grandy
J. Ishihara
D. Israel
W. Lone
K. E. McVicar
W. N. Papian
H. K. Rising
A. R. Shoolman
P. Vance
P. Youtz

NOTE: ALL OF THE ABOVE TO
RECEIVE COMPLETE MEMO.