

LLW-66

~~CONFIDENTIAL~~

UNCLASSIFIED

Memorandum 6L-184

Copy No. 1 of 20 copies

Page 1 of 3

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

CLASSIFIED BY	DD251
DATE	3-15-60

SUBJECT: GROUP LEADERS' MEETING, February 7, 1954

To: Group Leaders

From: David R. Brown

Date: February 8, 1955

Present: J. W. Forrester, D. R. Brown, A. P. Kromar, J. C. Proctor,
N. H. Taylor, C. R. Wieser, and P. Youts

- Agenda:
1. RCA Visit on February 3
 2. Hazeltine Visit on February 9
 3. Staff Transfers
 4. Status of January Salary Review
 5. Group 60 Components Laboratory
 6. IBM and Advance Development
 7. Auxiliary Memory for AN/FSC-7
 8. Time on WMI
 9. Mark X
 10. SAGE Personnel Requirements
 11. Academic Standards
 12. Visit by J. von Neumann

1. RCA Visit on February 3

Nine representatives of RCA spent a full day at the Lincoln Laboratory discussing RCA as a second source of tubes for the SAGE system. Two RCA Vice Presidents expressed the opinion that RCA should participate in the SAGE program. They realize RCA must decide soon. N. H. Taylor will report on this to C. F. McElwain.

The Air Force probably would not be willing to pay for a second tube development program. A. P. Kromer reported that an ARDC representative at the JPO has remarked that the Air Force plans to obtain a second source for tubes for the SAGE system.

2. Hazeltine Visit on February 9

Representatives of Hazeltine, IBM, and MIT will discuss display problems at MIT on Wednesday evening.

3. Staff Transfers

W. O. Ogden will assist in organizing the recruiting program during the next three or four months. W. A. Hosier will remain with MTC. B. Paine will become N. H. Taylor's administrative assistant. J. H. McCusker will join J. A. O'Brien's section.

~~CONFIDENTIAL~~

~~CONFIDENTIAL~~

Memorandum 6L-184

Page 2

UNCLASSIFIED

J. W. Forrester plans to put a note in the biweekly report pointing out the increased demands on Division 6 caused by the development of the SAGE system and the need for strengthening and reorganizing our staff. The opportunities for staff transfers will also be pointed out.

4. Status of January Review

The status of one requested increase appears to be in question.

5. Group 60 Components Laboratory

With the transfer of B. Paine to Group 62, H. Hodgdon will take charge of the Components Laboratory. B. Paine will remain available as a consultant and will handle contacts with IBM, probably with H. Heath.

6. IBM and Advance Development

IBM has proposed close liaison with the Group 63 Advance Development Program, to the extent of having an IBM representative stationed here for advance development liaison. Because of the relations we enjoy with other companies, such as Philco, we cannot work that closely with IBM. We would rather not have IBM representatives participating in day-to-day discussions and evaluations of developments here. Information on Group 63 advance development will be available to IBM through Laboratory memoranda and pre-arranged oral expositions.

J. W. Forrester has discussed this with B. Phelps and J. M. Coombs who recognize these problems and appreciate MIT's position. N. H. Taylor has also discussed these questions with N. P. Edwards and C. F. McElwain. B. Phelps is anxious that advance development information be exchanged between the IBM Research Laboratory and Group 63.

IBM plans to ask that Philco authorize MIT to give IBM information on Philco's direct-coupled circuits, etc.

A lack of understanding of the difference between the goals of the Group 63 Advanced Development Program and the IBM Advanced Support Engineering Program has been responsible for some confusion.

7. Auxiliary Memory for AN/FSQ-7

A. P. Kromer has been informed through AFRC that the Air Force feels grave concern and alarm over the requirements for additional drums in AN/FSQ-7.

8. Time on WWI

The 35 hours of computing time on WWI requested by Group 36 for work on scatter communications should be assigned to the Lincoln Laboratory.

9. Mark X

The Mark X radar is not yet working. Problems will be discussed at a meeting on the morning of February 7. J. W. Forrester will discuss the matter with G. E. Valley.

~~CONFIDENTIAL~~

CONFIDENTIAL

~~CONFIDENTIAL~~

UNCLASSIFIED

Memorandum 6L-184

Page 3

10. SAGE Personnel Requirements

Air Force psychologists from the Air Force Personnel and Training Research Center at Lackland Air Force Base, Texas, believe that higher caliber personnel should be selected for operation of the SAGE system. They are preparing a report on this subject to be discussed at a meeting to be held at Lackland Air Force Base. Group 6L plans to send a representative to that meeting.

11. Academic Standards

The Lincoln Laboratory plans to establish an academic standards committee to review applications for Special Student status and to establish academic standards.

12. Visit by J. von Neumann

J. von Neumann plans to visit the Lincoln Laboratory on February 7 to see AN/FSC-7(XD-1).

Signed

David R. Brown
David R. Brown
Secretary

DRB/jg

cc: A. P. Kromer
W. K. Linvill

UNCLASSIFIED

~~CONFIDENTIAL~~