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Memorandum 6L-186

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

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By:	RE
Date:	3-15-60

SUBJECT: GROUP LEADERS' MEETING, February 21, 1955

To: Group Leaders

From: David R. Brown

Date: February 24, 1955

Present: J. W. Forrester, D. R. Brown, S. H. Dodd, R. R. Everett,
 A. P. Kromer, J. C. Proctor, N. H. Taylor, C. R. Wieser,
 and P. Youtz

- Agenda: 1. Status of Magnetic Drums for AN/FSQ-7(XD-1)
 2. Training of Maintenance Personnel with AN/FSQ-7(XD-1)
 3. Lincoln Laboratory Personnel Committee
 4. Research Assistants
 5. Meeting on Drum System for AN/FSQ-7
 6. Philco Subcontract
 7. Meeting of Steering Committee for Group 63 Advance Development
 8. SAGE System Operational Plan
 9. System Test Specifications

1. Status of Magnetic Drums for AN/FSQ-7(XD-1)

The status of magnetic drums for AN/FSQ-7(XD-1) was reviewed on February 16 by N. H. Taylor. The drums for XD-1 are later than is indicated by the time schedules. The scheduled shipping date had been February 27, but it appears that the drums cannot meet the shipment specifications until March 12 to 15. H. D. Ross has asked that the drums be shipped to Lexington before they meet the specifications. Tentative approval is given for shipment on March 7, the plan to be reviewed on March 1.

2. Training of Maintenance Personnel with AN/FSQ-7(XD-1)

AFCRC has expressed disapproval of IBN's proposed plan to train maintenance personnel on XD-1. J. W. Forrester will discuss the problem with Colonel R. S. LaMontagne.

3. Lincoln Laboratory Personnel Committee

A Lincoln Laboratory Personnel Committee has been set up to advise the Personnel Office. Membership of the committee includes J. W. Forrester, Chairman, M. M. Hubbard, Vice Chairman, H. Eohner, E. Lax, W. Ogden, M. A. Herlin, A. E. Johnson, and Mrs. E. Simmons, ex officio. R. J. Horn is recorder. Working business will be conducted by a subcommittee which includes all members of the main committee except J. W. Forrester and M. M. Hubbard.

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4. Research Assistants

J. W. Forrester is working with officers of the Graduate School to arrange for an expanded Research Assistant Program in the Lincoln Laboratory.

The maintenance of high scholastic standards by Lincoln Laboratory staff and Research Assistants is extremely important for the establishment of a successful program. Group Leaders should make sure that all those taking courses are aware of the importance of their doing a good job. A student should be urged to withdraw from a course if he is not doing well.

5. Meetings on Drum System for AN/FSQ-7

Problems arising from MIT's request for supplementary drums for AN/FSQ-7 and AN/FSQ-8 will be discussed at a meeting in New York on February 24. IBM is expected to ask for a one-month delay to provide for the supplementary drums.

One difficulty is that MIT has technical responsibility for the program and at the same time is attempting to enforce the time schedules. A more satisfactory arrangement would be for ADES to check progress, enforce time schedules, etc. ADES might suggest that a second source is needed for magnetic drums. J. W. Forrester will discuss these matters with R. C. Moore informally before the meeting with the Air Force on February 24.

XD-1 is ahead of schedule in Building F. However, XD-2 is behind schedule, having no drums. IBM favors slowing down work on XD-2. Any delays in XD-2 will jeopardize XD-1; XD-2 is needed to test the input system for XD-1.

6. Philco Subcontract

A \$51,000 six-month study contract dated January 15, 1955, has been signed with the Philco Corporation to improve the surface-barrier transistor for application in high-speed digital computer circuits.

7. Meeting of Steering Committee for Group 63 Advance Development

The Steering Committee for Group 63 Advance Development will meet in R. R. Everett's office at 2:00 pm on February 25.

8. SAGE System Operational Plan

Colonel T. Halley will be at Lincoln Laboratory during the weeks of February 21 and February 28 to help prepare the final draft of the SAGE System Operational Plan. We are not aware of any major revisions.

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9. System Test Specifications

A letter from S. H. Dodd to R. P. Crago points out that AN/FSQ-7 system test specifications are required 60 days before the system tests are conducted at Kingston and asks for a review of preliminary specifications by June 1, 1955. IBM has replied that because of lack of manpower, preliminary specifications will not be available before February, 1956.

Signed

David R. Brown
David R. Brown
Secretary

DMB/jg

cc: W. K. Linvill

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