

Memorandum 6M-3472

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

SUBJECT: DISCUSSION OF LINCOLN CONCURRENCE ON ENGINEERING-INSTALLATION  
PHASING COMMITTEE, SUMMARY REPORT #6.

To: See Distribution List

From: E. D. Lundberg

Date: 22 March 1955

Approved:   
A. P. Kromer

Abstract: Lincoln Laboratory concurrence on the Engineering-Installation Phasing Committee, Summary Report #6 was discussed at a meeting of interested Lincoln Laboratory personnel on 22 March 1955. It was agreed that Lincoln would concur on the document as a starting point for the planning of Subsector #1, although portions are incomplete.

I. GENERAL

The Engineering-Installation Phasing Committee was assigned the task of preparing schedules for Subsector #1 covering work at the Direction Center during the eight month installation and testing period from the time the computer is delivered at the site until it is turned over to the Air Force. ADES has stated that work at P & M sites is not considered to be in the scope of activity of the committee.

Five sub-committees were appointed to schedule the various phases of the work. The sub-committees appointed are:

Allied Construction Phase  
Computer Pre-operational Testing  
System Operation & Testing  
Communication  
Personnel - Training

II. PURPOSE OF THE MEETING

A meeting was held at Lincoln on 22 March 1955 to discuss Lincoln concurrence of Summary Report #6 of the Engineering-Installation Phasing Committee. It was emphasized that this was not a final report, but represented the thinking of the committee as of 8 February 1955, and that the report would be revised and re-issued every three months to incorporate changes. It was agreed that Lincoln concurrence on the document would

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indicate that the work contained therein represented a starting point for scheduling activity for Subsector #1, and that it was recognized that certain portions of the report were incomplete and other portions are no longer correct. It was further agreed that the concurrence document would list first order objections which should be incorporated into the document by the earliest possible date. Second order objections are to be presented at the regular committee meetings by Lincoln representatives on the various sub-committees for incorporation in the next general revision of the document.

III. COMMENTS ON THE REPORT

A. Allied Construction Phase

1. The question was raised whether telephone cable racks are included in the "cable racks" line of the schedule, and if not, what planning had been done on this item.
2. According to the schedule, the order for d.c. supplies should have been placed with the vendor on 1 February 1955. Apparently this has not yet been accomplished and the question was raised as to whether or not this would effect schedules. J. Gano felt that this would not cause a delay in installation because the procurement lead time required is much shorter than indicated in the schedule.

B. Computer Pre-operational Testing (no comments)

C. Communications

It is recognized that the report on communications is incomplete; however, F. C. Ong (WE-ADES) stated that a more detailed report is now in final form and should be released shortly.

D. System Operation and Testing

1. In reference to paragraph II (a) of section VI, it was pointed out that the two new index registers must be installed and operating in XD-1 by 1 October 1955 rather than by 1 February 1956. This is a first order objection as this change is required to permit the computer to be used for checking the operational program as scheduled.
2. In reference to schedule B-61145-2, H. J. Kirshner questioned whether the scheduled time for G/A voice radio checkout is correct since cabling will not be completed by this time. J. A. Arnow questioned whether the date indicated for commencement of G/A flight test passover to adjacent direction centers is realistic. Group 61 will investigate these items.

E. Training

1. The question was raised whether the titles shown in Chart A of section VIII are correct since they do not agree in all cases with the titles shown in the operational plan for the SAGE System.
2. The short training period for instructors shown in Chart E was questioned. C. R. Wieser indicated, however, that this was consistent with Cape Cod experience.

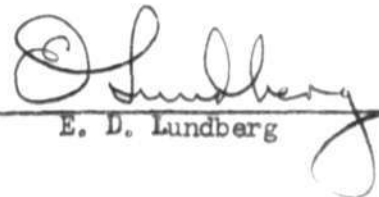
IV. SUB-COMMITTEE MEMBERSHIP

- A. Division 3 requested that a representative of that division be placed on the Communications sub-committee.
- B. R. E. Rader requested to be included on the membership of the general committee.
- C. It is expected that an additional sub-committee(s) will be proposed shortly for inputs and outputs. Divisions 2 and 3 indicated that they would desire membership on such a committee(s).

V. DISTRIBUTION LISTS FOR COMMITTEE REPORTS

It was decided that a broader distribution of committee and sub-committee reports should be made within Lincoln. K. E. McVicar is taking action on this matter.

SIGNED:

  
E. D. Lundberg

EDL:mnc

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Meeting Attendants

J. W. Forrester  
R. R. Everett  
W. S. Attridge, Jr.  
P. Bragar  
J. J. Carson  
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D. L. Doherty (WE-ADES at Lincoln)  
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S. B. Hibbard  
J. F. Jacobs  
H. J. Kirshner  
E. D. Lundberg  
F. F. Manning  
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B. E. Morriss  
F. C. Ong (BTL-ADES at Lincoln)  
W. B. Ormsbee (WE-ADES at Lincoln)  
C. R. Whelan  
H. J. White (IBM at Lincoln)  
R. E. Rader

Others

W. H. Ayer  
J. W. Degan  
A. P. Kromer  
J. A. O'Brien  
E. S. Rich  
N. H. Taylor  
C. W. Watt