

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

SUBJECT: GROUP 62 SECTION LEADERS MEETING, JULY 26, 1954

To: Division 6 Group Leaders, Group 62 Staff Members

From: A. P. Kromer

Date: July 27, 1954

Abstract: Effective use of Lincoln manpower contemplates the use of small groups in certain areas and reinforcement of personnel in other areas of activity; namely the Systems Office, Frame Testing, and Duplex Planning. Marginal checking system to be reviewed to determine if degree to which the philosophy has been carried out has not resulted in too elaborate a system. Electronic circuits for display consoles are to be processed through EDO-SO for concurrence and release. A group of people intimately familiar with the electronic hardware will study the programming of the machine to evaluate the compatibility of equipment and programs. Later schedules for display call for construction of central display frame in November and December of 1954.

1. Manpower

Study of the plans to make the most effective use of available manpower over the relative near term future has led to the decision that activity in certain areas in Group 62 will be curtailed somewhat, but not completely eliminated, while activity in other areas will be reinforced through the addition of personnel. A strong but small group will continue development activity in memory work, display activity, and advanced circuitry. The groups now in the following activities will be reinforced by the addition of personnel:

- a. The Systems Office under J. F. Jacobs.
- b. The combined frame test activity in Poughkeepsie under J. A. O'Brien.
- c. Duplex planning activity under S. H. Dodd.

2. MCD Frames

Recent information from IBM indicates a considerable growth in the length of the several MCD frames. This has been so great that a review will be made of the degree to which the marginal checking philosophy

has been carried out. It may be necessary to reconsider some of the marginal checking layout since space limitations and relative proportion of the MCD system to the remainder of the electronics are beginning to appear unfavorable. This review will be pressed to the earliest possible conclusion so that its conclusions can be reflected in design work on these frames. This is to be done by IBM immediately upon their return from vacation shutdown.

3. Electronic Circuits in Display Consoles

R. L. Best recently reviewed with the engineers at IBM, Vestal Laboratory the electronic circuits to go into the display consoles. This review emphasized the compatibility of these circuits with those in the balance of the machine. The circuits will be processed through the EDO-SO release procedure as soon as they are completed.

4. System Manual

The Lincoln Report TM-20 describing the transition system is presently being rewritten and brought up-to-date.

5. Diagnostic Programming Group

A group will be organized to study and investigate the compatibility of electronic equipment (hardware) and programs for marginal checking, testing, diagnosis of troubles, and operations work.

6. Display

R. S. Fallows advised that latest IBM schedules call for construction of central display frames during the latter part of November and December of 1954, with delivery to Lexington in January of 1955. This represents a significant delay over previous schedules for construction of this equipment.

7. MTC

Latest indications show that all necessary equipment will be available to allow the MTC system to be operating and on the air by approximately August 15, 1954.

Signed A. P. Kromer
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