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Memorandum M-2665

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Division 6 - Lincoln Laboratory
Massachusetts Institute of Technology
Cambridge 39, Massachusetts

SUBJECT: Group 62 Section Leaders Meeting -- February 1, 1954
To: Division 6 Group Leaders; Group 62 Staff Members
From: P. J. Gray
Abstract: MTC will go on two shift operation next week due to heavy demand for test time. The computer will be moved to Building B late in April.

1. MTC

The magnetic core memory for MTC is undergoing final preparation and test prior to being moved to MTC on February 2. The magnetic drum is still undergoing test. Two fields of 6 digits each are now operating.

Due to the heavy demand for MTC time from the core memory, drum, and display system, the computer will operate on a two shift basis starting February 8.

Beginning later this week, the power consumption rate of MTC will increase to 46 KW. The alternator presently available is rated at 40 KW. Gano suggested that it was probably feasible to operate the excess load without the alternator. The expected frequency of line transients is low enough to allow this.

MTC will definitely be moved to Lexington this Spring. The computer will occupy space on the first floor of Building B from Columns 13 to 17. It is hoped to accomplish the move between April 15 and May 1 with operation restored by June 1.

2. Power Supplies

Gano indicated that relay switching of the d.c. power, which involves high current, is presenting a problem. Bob Jahn is currently engaged in a study of this.

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3. Display

Typatron tests will start soon on MTC. Two Typatron tubes will be put on life test in the Barta Building.

Signed:


P. J. Gray

Approved:


A. P. Kromer

PJG/hpm

CC: J. W. Forrester, R. R. Everett

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