

Memorandum M-2901

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

SUBJECT: SUMMARY OF IBM - MIT COLLABORATION ON DESIGN OF AN/FSQ-7 (XD-1)
COMBAT INFORMATION CENTRAL, JUNE 1 thru JUNE 30, 1954

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

From: A. P. Kromer

Date: July 13, 1954

Abstract: The tempo of the engineering activity has increased and resulted in an increase in the amount of travel between the two engineering locations. Lincoln approval of additional portions of the system has been issued.

Engineering Visits

During the period approximately 70 man days were spent at Poughkeepsie by MIT personnel. This is in addition to the full time of 5 men resident at Poughkeepsie. Also during the month approximately 63 man days were spent at the Lincoln Laboratories by IBM personnel. This is in addition to 3 resident IBM men.

Use of the IBM airplane for transportation between Lincoln locations and Poughkeepsie has continued. During June this medium of travel was employed on 8 days. In addition on one scheduled date the flight was cancelled because of inclement weather.

Exchange of Publications

During this period we forwarded to IBM approximately 63 M Notes.

We have received from IBM eight H Notes, five IM Reports, three TR Reports, two Project High Bulletins, and two Biweekly Reports.

General Comments

Work of the two engineering groups has led to formal Lincoln approval of design specifications for the arithmetic element, for the output switch, several additional basic circuits, and provision of outside air connections to the XD-1 system for emergency operating conditions.

Signed: A. P. Kromer
A. P. Kromer

Approved: N. H. Taylor
N. H. Taylor