

INTERDEPARTMENTAL

MASSACHUSETTS INSTITUTE OF TECHNOLOGY CAMBRIDGE, MASS. 02139

from the office of

November 4, 1969

Mr. Morton Berlan
Telecommunications Office
E18-204

Dear Mort:

In your letter of October 29, 1969, you requested a list of 4-digit dataswitch numbers in use on our computer systems. I presume that Marvin Minsky will reply concerning his PDP-6 and PDP-10 computer complex. Here is the information for the GE-645 (Multics) computer located in Room 901 and also for the DEC PDP-8 computer located in Room 501.

I. GE-645:

1630-1639, 1380-1389, 1280-1285, 1311-1314, 1111,
1112, 1121, 1122, 1101-1106

These 40 lines are in addition to the 46 lines on levels 7 and 8.

The four digit numbers are used for:

1. Access ports to the Primary Multics configuration for operation and administration of the system.
2. Access ports to the Secondary (Development) Multics configuration for operation and use by system programmers testing new systems.
3. Alternative access ports for general users of Multics if they encounter trouble getting in via levels 7 and 8, or busy conditions on those levels.
4. Access to Multics for ARDS users.

Please note that xl691 is assigned as a service line for the 103E dataset cabinet, and can be switched to serve as an access port.

II. PDP-8 Computer:

1260, 1366, 1367, 1368

continued

Morton Berlan


-2-

November 4, 1969

These four lines are used alternatively as access from Model 37 teletypes to the PDP-8 computer, and also as originating ports to connect the PDP-8 computer to the GE-645 computer. We do not normally use more than one of them at a time to terminate a call.

I hope that the above information is responsive to your needs.

Sincerely yours,


Jerome H. Saltzer
Assistant Professor of
Electrical Engineering

JHS/bm

xc: F.J. Corbato w/ attach.
R. G. Mills w/ attach.
R. Daley w/ attach.
T. VanVleck w/ attach.