TO: Multics Performance Log

FROM: A. Sekino

SUBJECT: Results of Daily Multics Performance Measurements
         Period: October 27 through November 3

DATE: November 20, 1969

Though the PDP-8 computer has been down recently it came into
a normal operation, and the results of daily Multics performance measure-
ments made lately are given below. It was observed in these measurements
that the three-eligible-program system gives fairly better performance
than the four-eligible-program system.

(a) Four-eligible-program systems

time unit = second
average = per interaction

Date	Run No.	No. of system users		Total CPU time	Total No. of P. F.	Total real time	Average CPU time	Average No. of P. F.	Note
10/27	MPM53	26	4.4	35.041	1841	1410	1.06	55	first half
				24.618	1436	1320	.746	43	second half
				59.659	3277	2730	.903	49	both
10/28	MPM54	27	4.4F	33.230	1780	1350	1.01	53	first half
				25.973	1391	1320	.787	42	second half
				59.203	3171	2670	.897	48	both

(b) Three-eligible-program system

Date	Run No.	No. of system users		Total CPU time	Total No. of P. F.	Total real time	Average CPU time	Average No. of P. F.	Note
10/29	MPM55*	23	4.4F	27.635	1389	1230	.836	42	first half
10/31	MPM56*	24	4.4F	28.501	1538	1230	.864	46	first half
10/31	MPM57*	27	4.4F	29.820	1414	1290	.899	42	first half
11/3	MPM58*	24	4.4F	29.116	1440	1350	.882	43	first half

*During these runs, the system crashed when the second half of the script was
being executed. Therefore, all of above statistics were obtained only for
the first half of the script.