TO:

Multics Performance Log

FROM:

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SUBJECT:

Multics performance history as recorded by typical user

script.

The enclosed chart provides a comparison among all Multics Standard Systems which have been certified to date. Systems without bars could not be certified. Since these certifications use the typical user script they are more representative of system performance than those used to derive the chart issued March 6. Note that MSS1.9 in this chart is not the system designated 1.9 on the earlier chart.

Included is a prediction, based on system 2.2.B, of the effect of installing a file system which is three times faster and smaller than the present file system.

	P-page fault  5 - segment fault  6 - Rinkage fault  W-wall crossing fault  N-non fault	Script Certification using script and certifier	"certJ"
700	I - interupts  - multiprogramming  control  AST/mare t	multics-tes	t_d - 2.1, 2.2, 2.5
600	AST/page to coupling	TW RIM in ring 0	
Time to  Sun 400  script  in  300	P	P P P	
seconds W			P S L W E
100		2,1 2,2 2.3	Predicted new file system
	1/2/61 55 1/2/61	1/27/69 3/7/69	file system