

NEW NUMBER = DZRP6

PRODUCT NAME = RP11 Multi Drive Diagnostic

ABSTRACT

This program will test up to eight RP02 drives on an RP11 Disk Controller. Basically, the program will seek to a random address and then write and read random data. While data is being transferred, seek operations will be in progress on the other drives. The purpose of the test is to check for any interaction on the bus while trying to keep all the drives busy.

REQUIREMENTS

HARDWARE = PDP-11 standard family processor
RP11 Disk Controller with up to eight RP02 disk drives

SOFTWARE

STORAGE = 4K of storage

LOADING = Absolute Loader

EXECUTION TIME = It is recommended that the program should run for half an hour

STARTING PROCEDURE = The program should always be started at 200,

PRINTOUTS = Yes

SWITCH REGISTER OPTIONS

SW15 = 1 ... HALT ON ERROR
SW14 ... NOT USED
SW13 = 1 ... INHIBIT PRINTOUT
SW12 ... NOT USED
SW11 ... NOT USED
SW10 = 1 ... BELL ON ERROR
SW07 thru SW00 = 1 ... SELECT UNIT FOR TEST
SW00 corresponds to unit 0
SW07 corresponds to unit 7