

NEW NUMBER = DZRPC

PRODUCT NAME = RP11C Multi Drive Diagnostic

ABSTRACT

This program will test up to eight RP02/RP03 drives on an RP11C 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
 RP11C disk controller with up to eight RP02/RP03 disk drives.

SOFTWARE

STORAGE = 4K

LOADING = Absolute Loader

EXECUTION TIME = 1/2 hour

STARTING PROCEDURE = 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