

MAINDEC-11-D9A-

NEW NUMBER = DZDCA

DC11 Off Line Test

ABSTRACT

Two separate diagnostic programs are provided for the DC-11 (Asynchronous Modem Interface), MAINDEC-11-D9A- (DC-11 Off Line Tests) and MAINDEC-11-D9B- (DC-11 On Line Tests). The Off Line Tests test all DC11 logic and may be used to individually test up to 16 DC-11's. The Off Line Tests do not require the use of a modem; however, a special Jumper connector is required. The on line tests are essentially data reliability tests requiring the use of modems and a suitable terminal device. Available tests are:

- PRG0 = Input/Output logic tests
- PRG1 = Transmitter scope loop
- PRG2 = Receiver scope loop
- PRG3 = Single character maint. mode data test
- PRG4 = Special binary count/maint. mode data test

REQUIREMENTS

PDP-11

DC11

Special Jumper Connector (See DC11 Maintenance Manual for detailed description)

STORAGE = All of 4K except area reserved for the bootstrap and absolute loaders

LOADING = Absolute Loader

STARTING PROCEDURE = Start and Restart at 220

EXECUTION TIME = 4 Min. (No Iterations)

PRINTOUTS = No

SWITCH REGISTER OPTIONS = Yes

- SW0 = 6 = ROUTINE TO BE RUN
- SW8 = DISABLE STALL MODE
- SW9 = LOOP SELECTED ROUTINE
- SW10 = HALT AT END OF PROGRAM
- SW11 = INHIBIT ITERATION
- SW13 = INHIBIT PRINTOUT
- SW14 = SCOPE
- SW15 = HALT ON ERROR