TECHNICAL STATEMENT

TEXT LISTING
068-000166-04

PROGRAM
4029 COMMUNICATIONS CONTROLLER TEST

TEXT TAPE
097-000166-04

ABSTRACT

THE TYPE 4029 COMMUNICATIONS TEST IS A MAINTENANCE PROGRAM DESIGNED TO TEST THE TYPE 4029 COMMUNICATIONS INTERFACE. THE INTERFACE IS TESTED VIA A TEST PLUG WHICH PERMITS SAMPLING OF THE OUTPUT LINE AND STIMULATION OF THE INPUT LINE.

**TYPE 4029 COMMUNICATIONS TEST**

1. **ABSTRACT**

1.1. THE TYPE 4029 COMMUNICATIONS TEST IS A MAINTENANCE PROGRAM DESIGNED TO TEST THE TYPE 4029 COMMUNICATIONS INTERFACE, THE INTERFACE IS TESTED VIA A TEST PLUG."
0005 MAIN
01 02 15.  PROGRAM OUTPUT
03 04 15.1 WHEN A MALFUNCTION IS DETECTED BY THE
05 06 LOCATION 00H+1, EXAMINE ACS TO OBTAIN
07 08 THE ADDRESS OF THE FAILING ROUTINE.
09 10 CONSULT THE LISTING TO DETERMINE THE
11 12 CAUSE OF ERROR. PRESSING CONTINUE WILL
13 14 CAUSE THE PROGRAM TO ENTER A FAILING LOOP
15 16 WILL ALLOW THE PROGRAM TO PROCEED TO THE
17 18 NEXT TEST ROUTINE.
19 20 PROGRAM DESCRIPTION
21 22 THIS PROGRAM WILL TEST THE 4029 INTERFACE
23 24 LOGIC, BUSY, DNE, INTERRUPTS ETC. THE
25 26 DATA TERMINAL READY SIGNAL IS WIRE-D
27 28 SEQUENCES OF DATA TERMINAL READY SIGNALS,
29 30 THE TRANSMITTER OUTPUT LINE IS WIRE-D TO
31 32 THE RECEIVER INPUT LINE AND VICE VERSA.
33 34 MISC
35 36 TEST PLUG WIRING
37 38 TEST PLUG XING
39 40 852-A78 CARRIER DETECTION REQUEST TO SEND
41 42 853-A78 CARRIER INDICATION_LINE OUTPUT DRIVER
43 44 854-A78 DATA SET READY_DATA TERMINAL READY
45 46 869-A70 RECV INPUT_DATA TERMINAL READY
47 48 881-A7A CLEAR TO SEND_REQUEST TO SEND
49 50 17.2 LOCATION "ASH37" IS THE ASH 37 FLAG.
51 52 .EOT