

RP04/5/6 RP MULTI-DRIVE LOGIC TEST

ABSTRACT :

Performs interactive tests on RP04/5/6 connected to a massbus with RH11 or RH70. Single or dual port testing is possible. Uses overlapped operations between the drives. All data transfer commands are used, selected randomly. Uses formatted disk packs.

OPERATING PROCEDURES :

START ADDRESSES:

SA=200 normal starting (RH11 / RH70 has standard addr.176700 vec. 254)

SA=204 to change non-standard addresses of RH11 / RH70.

SA=220 same as 200 but dual ported drives are not inhibited.

KEYBOARD COMMANDS: (after a CONTR. C)

T= assign drives for test

R= performs a sequential read of a pack

W= write and check data pack with a datapattern

S= request a drive performance summary

D= deassign a drive under test

T, W, R require address limits, drive ID and bad block info to be entered or use defaults, a "period" is defining default values for the remaining entries and starts execution.

Maximum 16 bad sectors may be entered on a pack in the format

C,T,S EXAMPLE : 145,04,12

<i>Examples : T1 = ass.drive 1 for test</i>	<i>TA = all drives</i>
<i>R5 = read pack on drive 5</i>	<i>RA = all packs</i>
<i>D3 = deassign drive 3</i>	<i>DA = all drives</i>

RUNTIME : 1 drive = 2,5 hrs. 8 drives = 11 hrs.(data transfer mode)

1 drive = 25 hrs. 8 drives = 40 hrs.(seek verify mode)

SWITCH SETTINGS :

SW15= 1 halt on error

SW13= 1 inhibit error typeout

SW10= 1 ring the bell on error

SW07= 1 display all data compare errors

SW06= 1 do not alter the current operation parameters

SW05= 1 partial register display

SW04= 1 do not deassign drives

SW03= 1 display the sector in error if 'DCK' 'DTE' or 'WCE'

SW02= 1 inhibit subsystem status typeout during startup

SW01= 1 inhibit data comparison after read orders

SW00= 1 read only mode

use "CONTROL G" to enter software SWR at loc. 176