

11/21 - RL01/02 PERFORMANCE EXERCISER

ABSTRACT :

The program tries to simulate a user environment. It will randomly exercise up to 2 controllers and 8 drives. Initially the bad sector file is read from each drive and stored in memory, then each pack is written with one of eight data patterns. The drives are randomly picked and given a random string function of:

- 1. seek, write, write-check*
- 2. seek, read data, compare data*
- 3. seek, read headers, read 1 sector with no header compare, get status*
- 4. seek, read, read*

OPERATING PROCEDURES :

.R NRLKA0

This program is running under the supervisory program.

This supervisory program will first talk to you.

DR>START<CR>

You have to answer the hardware questions.

This is a (mostly used) example :

Change HW (L) ? Y<CR>

UNITS (D) ? 2<CR> (this is the number of drives)

UNIT 0<CR>

RL11 (L) Y ?<CR>

BUS ADDRESS (O) 174400 ? <CR>

VECTOR (O) 160 ? <CR>

DRIVE (O) 0 ? 1 <CR>

DRIVE TYPE = RL01 (L) Y ? N

BR LEVEL (O) 5 ? <CR>

UNIT 1

.....

Change SW (L) ? N<CR>

to get a summary type <CONTR C>

DR>PRI

after the summary, to continue type

DR>CON

If you answer Y to the question

CHANGE SW (L) ? Y <CR>

you can change a lot of parameters like

RETRY LMT (D) 1 ?

TIME BETWEEN REPORTS (MIN) (D) 240 ?