

Function test

OPERATIONAL DIRECTIONS



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GENERAL

The command *function_test* deals with testing of certain TDM equipment, primarily TMU, TLU (specific boards) and MFU hardware.

Multi-party equipment.

The test causes the initiation of a function test of multi-party devices (conference devices). The function test can be executed for TMU boards*. When TMU boards are used, the test is executed on all TMU boards in the specified LIM. Three free inputs on the TMU board are seized. An internal test is then carried out with the aid of a tone code sender and tone code receiver. The printout which is obtained can vary depending on the test result. Since the printout is a result printout, it is not obtained until the terminal is logged off or until another command is entered.

Note: *Legacy MPU boards, which preceded the TMU, are no longer supported. MGU/MS do not support the function test.

Tone device.

This test causes the initiation of a function test of a tone device. The function test can be executed for TMU boards. The test is executed by connecting a tone code sender to a tone code receiver both on the same TMU board in the specified LIM. The test will be executed on all TMU boards in the specified LIM. The printout which is obtained can vary depending on the test result. Since the printout is a result printout, it is not obtained until the terminal is logged off or until another command is entered.

Digital trunk loop back.

This command initiates the loop back test in the TLU board, which has this function, to test the integrity of the hardware. The result of the loop back test is printed after the test is completed.

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PREREQUISITES

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AIDS

I/O terminal

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REFERENCES

These Operational Directions contains references to the following documents:

Command description:

Function test, function_test
in Technical Reference Guide, unix commands

Description:

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5**PROCEDURE**

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6 EXECUTION

6.1 FUNCTION TEST INITIATION FOR MULTI-PARTY EQUIPMENT (TMU BOARD)

To execute the initiation, key the command:

```
function_test --multi-party -l x
```

6.2 FUNCTION TEST INITIATION FOR TONE DEVICE (TMU BOARD)

To execute the initiation, key the command:

```
function_test --tone-device -l x
```

6.3 FUNCTION TEST INITIATION FOR LOOP-BACK TRUNK

To be able to test, the trunk must first be blocked. Key the command:

```
block -b x (block the TLU board)
```

Then initiate the function test by keying:

```
function_test --loop-back -E x [--loop-back-type x]
```

```
deblock -b x (deblock the TLU board)
```

7 TERMINATION

Dump to backup media is to be executed if exchange data have been changed and no further commands are to be entered.