

NTRB33 Fiber Junctor Interface card

Use procedures 3 and 4 to replace a Fiber Junctor Interface (FIJI) card. See the *Administration Input/Output Guide* (553-3001-311) for a description of all maintenance commands, and the *System Messages Guide* (553-3001-411) for interpreting system messages.

WARNING

Module covers are *not* hinged; do not let go of the cover. Lift the cover away from the module and set it out of your work area.

Procedure 1 Removing the FIJI card

- 1 Verify the status of the system clocks.
 - LD 60**
 - SSCK x** Get status of system clock (x = 0 or 1).

- 2 Switch system clocks if required to insure the in-active clock is associated with the ring that includes the target FIJI card to be replaced.
 - LD 60**
 - SWCK** Switch system clock from active to standby.
 - ****** Exit.

- 3 Obtain the status of both rings.
 - LD 39**
 - STAT RING x** Obtain status of ring (x = 0 or 1). Normal response is Half/Half.

- 4 Query the alarm condition for all FIGI cards.
 - LD 39**
 - STAT ALRM x y** Query status of all alarms (active and Inactive) for FIJI card in group x, side y.
 - FULL**

- 5 Disable auto-recovery.
 - LD 39**
 - ARCV OFF** Disable auto-recovery operation for ring.

- 6 Switch call processing to ring with active clock.
LD 39
SWRG y Switch call processing to ring ($y = 0$ or 1).
- 7 Obtain the status of both rings.
LD 39
STAT RING x Get status of ring on side x ($x = 0$ or 1).
- 8 Disable the idle ring.
LD 39
DIS RING x Disable all FIJI cards on ring ($x = 0$ or 1).
- 9 Confirm the ring is disabled.
LD 39
STAT RING x Obtain status of ring ($x = 0$ or 1).
- 10 Set the ENB/DIS switch to DIS on target FIJI card.

CAUTION

To avoid interrupting service, set ENB/DIS switches to DIS before disconnecting or connecting cables.

- 11 Tag and disconnect cables to the card you are removing.
- 12 Unhook the locking devices on the card; pull it out of the card cage.

————— *End of Procedure* —————

Procedure 2
Installing FIJI card

- 1 Set the ENB/DIS switch to DIS on the replacement FIJI card.
- 2 Insert the replacement FIJI card into the vacated slot and hook the locking devices.
- 3 Connect cables to the replacement FIJI card.
- 4 Set the ENB/DIS switch to ENB on the replacement FIJI card.

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- 5 Software enable the ring.
LD 39
ENL RING x Enable all FIJI cards on ring (x = 0 or 1).
- 6 Confirm the ring is enabled.
LD 39
STAT RING x Get status of ring on side x (x = 0 or 1).
- 7 Test the replacement FIJI card.
LD 39
TEST FIJI x y Self-test FIJI card
(x = group 0 to 7, y = side 0 or 1)
TEST 360 x y z Perform 360 test on FIJI card group (x = group
0 to 7, y = side 0 or 1, z = time in 2 second
intervals)
TEST CMEM x y Perform Connection Memory test on FIJI card
(x = group 0 to 7, y = side 0 or 1)
- 8 Reset the threshold for switchover functionality.
LD 39
RSET Reset threshold for switchover functionality.
- 9 Restore the ring.
LD 39
RSTR Restore ring.
- 10 Enable auto-recovery.
LD 39
ARCV ON Enable auto-recovery operation for ring.
- 11 Confirm ring is enabled and in Half/Half state.
LD 39
STAT RING x Get status of ring (x = 0 or 1).
******** Exit.

12 Verify status of system clocks.

LD 60

SSCK x Get status of system clock (x = 0 or 1).

**** Exit.

When the process is complete, you receive a system response. If there is a problem, a FIJI system message is generated and the red LED lights on the faceplate of the card.

Tag defective equipment with a description of the problem and package it for return to a repair center.

————— *End of Procedure* —————