



---

# 4ESS™ Switch Task Oriented Practice (TOP) Common Network Interface (CNI)

## 1. General

---

- 1.001** This addendum supplements TOP 234-351-120AC, Issue 2. The attached data elements must be inserted in the document as follows:
- This pink sheet is to be placed before the title page (TPG-000)
  - The data elements are to be inserted in the appropriate numerical order.
- 1.002** This addendum is issued to provide additional fuse information to be used when inspecting, cleaning, or replacing the fan units in the cabinet.

## 2. Attachments

---

- 2.001** Replace the existing respective element pages with the attached pages.
- DLP-506, Page 1 of 1 (Revised) and DLP-507, Page 1 of 1 (Reissued)
  - DLP-508, Page 1 of 1 (Reissued) and DLP-509, Page 1 of 7 (Revised)
  - DLP-536, Page 1 of 1 (Reissued) and DLP-537, Page 1 of 2 (Revised)
  - DLP-537, Page 2 of 2 (Revised) and DLP-538, Page 1 of 15 (Reissued)

**Lucent Technologies — Proprietary**

This document contains proprietary information of Lucent Technologies and is not to be disclosed or used except in accordance with applicable agreements

Copyright © 2000 Lucent Technologies  
Unpublished and Not for Publication  
All Rights Reserved

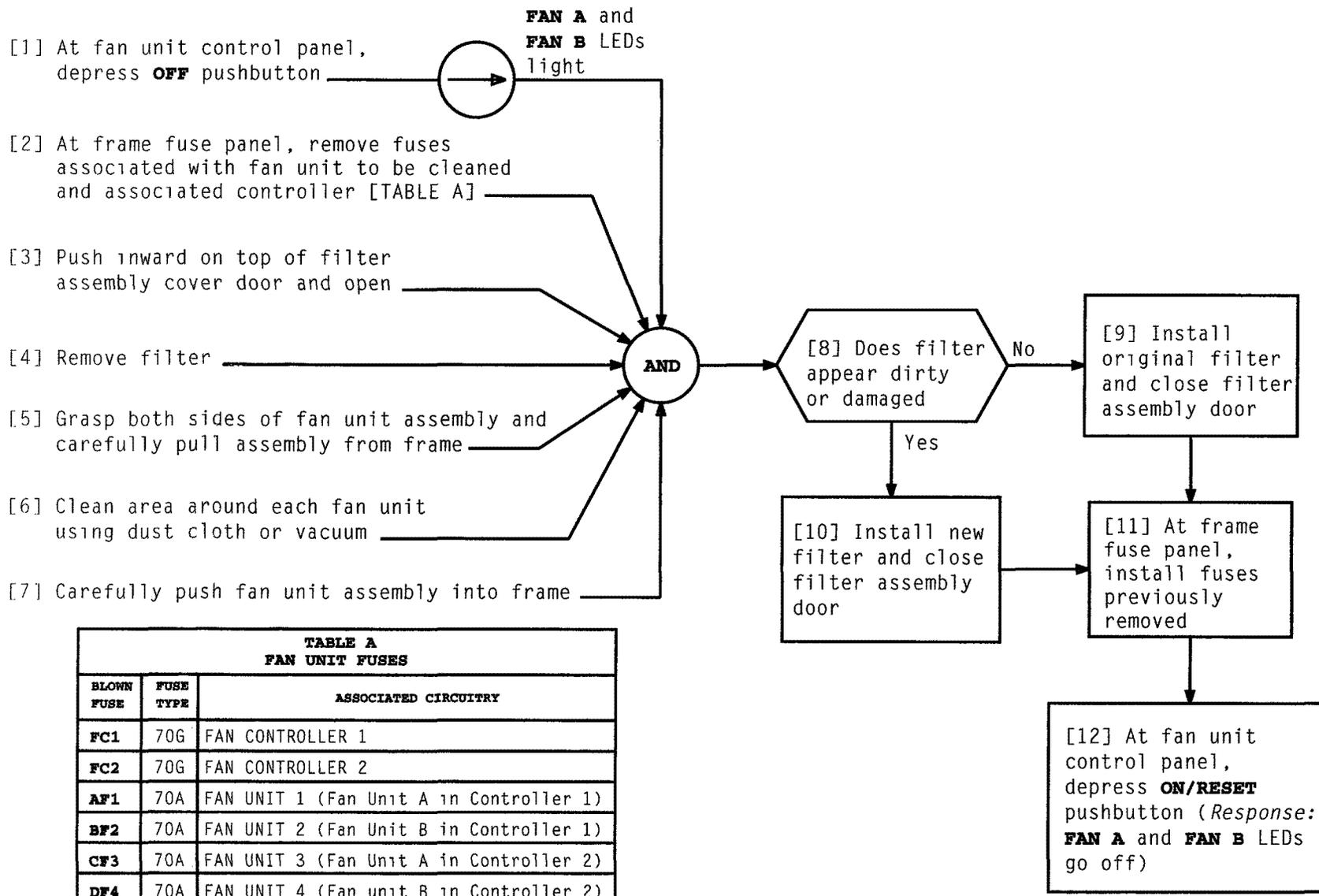
This material is protected by the copyright and trade secret laws of the United States and other countries. It may not be reproduced, distributed, or altered in any fashion by any entity, including other Lucent Technologies Business Units or Divisions, without the expressed written consent of the Customer Training and Information Products organization

For permission to reproduce or distribute please contact:  
4ESS Switch Customer Information Manager (1-800-334-0404)

### **3. Developed by:**

Lucent Technologies Customer Training and Information Products

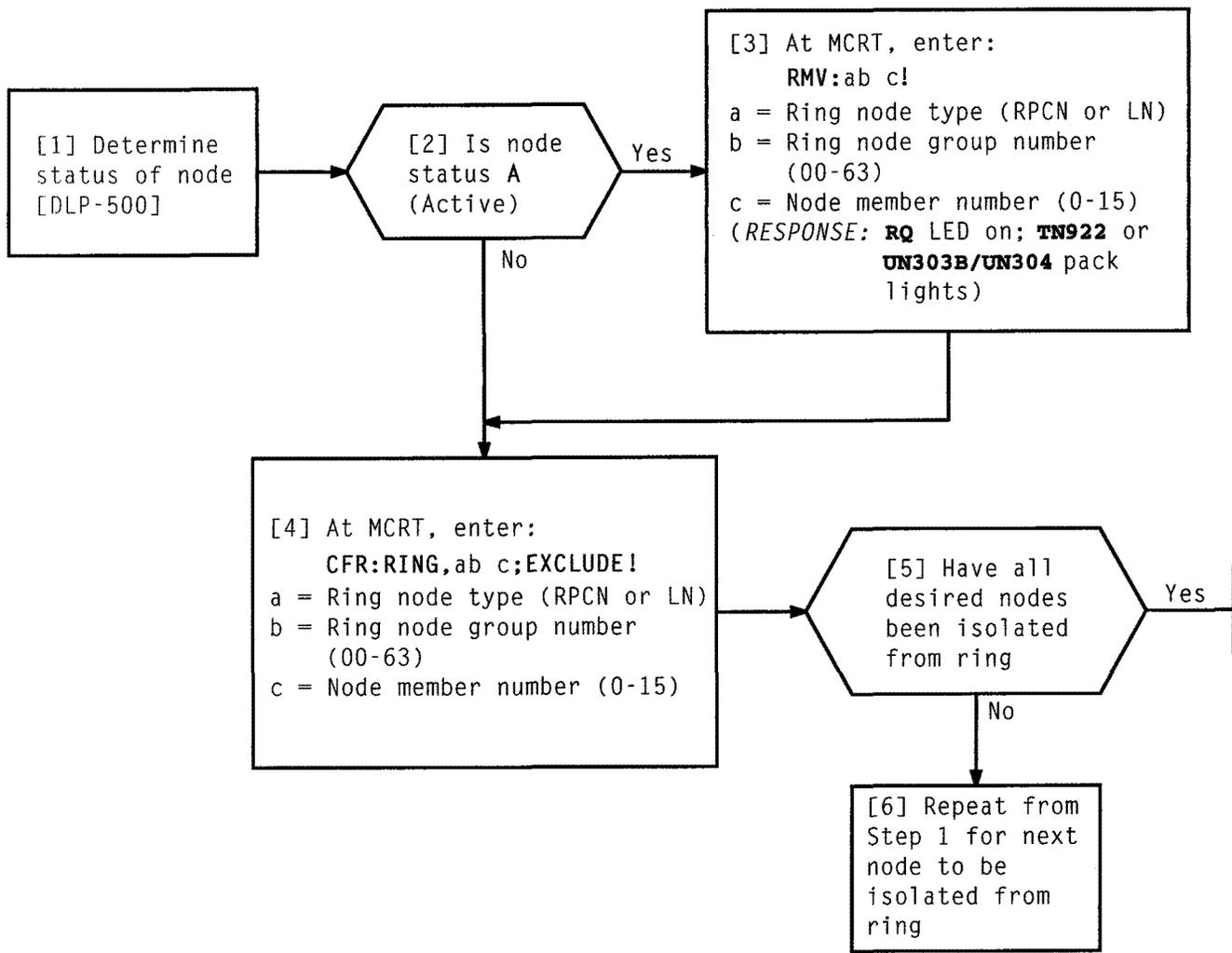
*Lucent Technologies is the successor to the business and assets of AT&T Network Systems business unit.*



**TABLE A  
FAN UNIT FUSES**

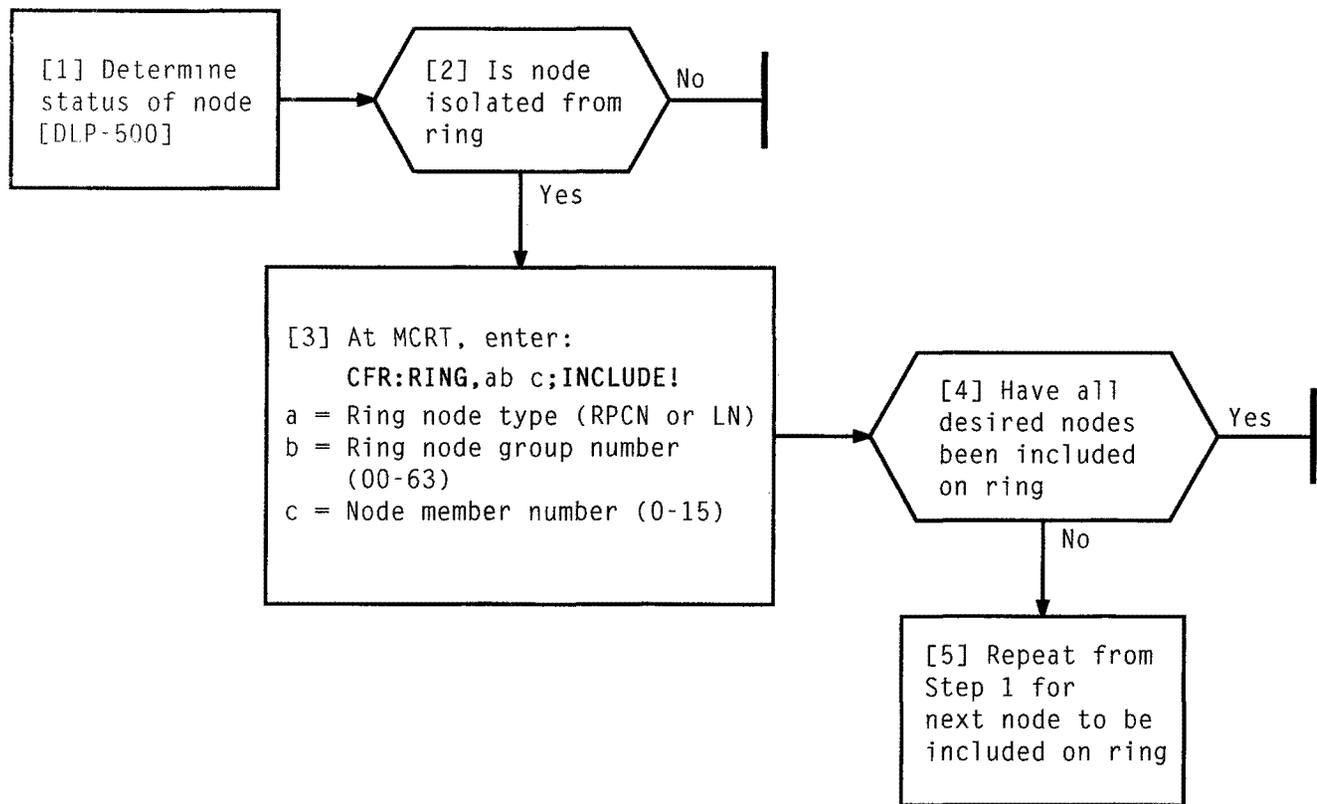
BLOWN FUSE	FUSE TYPE	ASSOCIATED CIRCUITRY
FC1	70G	FAN CONTROLLER 1
FC2	70G	FAN CONTROLLER 2
AF1	70A	FAN UNIT 1 (Fan Unit A in Controller 1)
BF2	70A	FAN UNIT 2 (Fan Unit B in Controller 1)
CF3	70A	FAN UNIT 3 (Fan Unit A in Controller 2)
DF4	70A	FAN UNIT 4 (Fan unit B in Controller 2)
ALP	70G	BUS A LAMP
BLP	70G	BUS B LAMP

**INSPECT AND CLEAN FAN FILTER ASSEMBLY**



**ISOLATE NODE FROM RING**

Reissued	Issue 2	APR 1998
	234-351-120AC	DLP
	PAGE 1 of 1	507

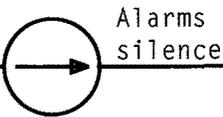


**INCLUDE NODE ON RING**

Reissued

Issue 2	APR 1998
234-351-120AC	DLP
PAGE 1 of 1	<b>508</b>

[1] At fuse panel and alarm control unit, depress **ALM-RLS** pushbutton



AND

[2] Determine location of blown fuse

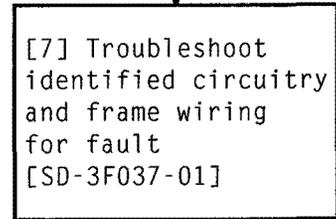
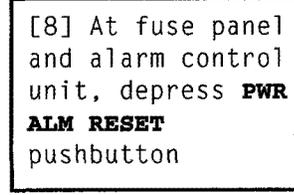
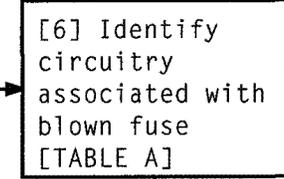
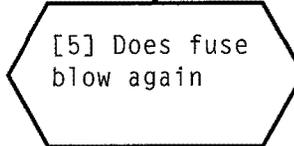
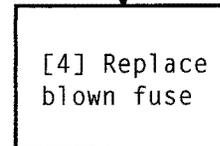
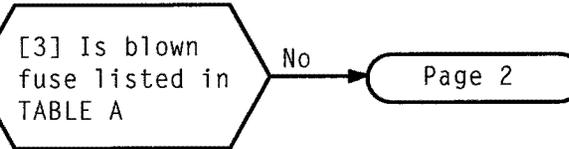


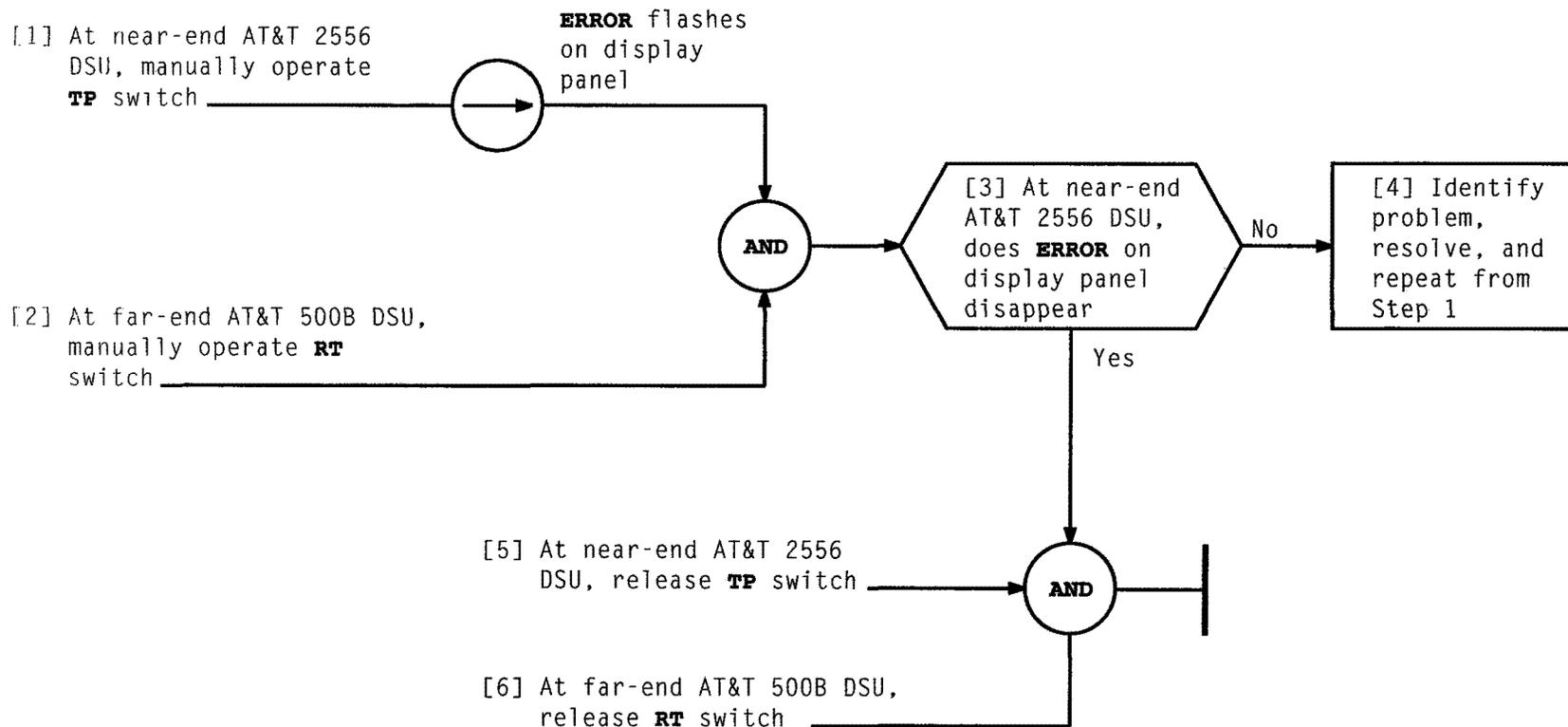
TABLE A		
BLOWN FUSE	FUSE TYPE	ASSOCIATED CIRCUITRY
FC1	70G	FAN CONTROLLER 1
FC2	70G	FAN CONTROLLER 2
AF1	70A	FAN UNIT 1 (Fan Unit A in Controller 1)
BF2	70A	FAN UNIT 2 (Fan Unit B in Controller 1)
CF3	70A	FAN UNIT 3 (Fan Unit A in Controller 2)
DF4	70A	FAN UNIT 4 (Fan Unit B in Controller 2)
ALP	70G	BUS A LAMP
BLP	70G	BUS B LAMP

Revised

Issue 2	JAN 2000
234-351-120AC	DLP
PAGE 1 of 7	509

## REPLACE BLOWN FUSE – RING NODE CABINET

LUCENT TECHNOLOGIES PROPRIETARY - Use Pursuant to Company Instructions



**PERFORM DIGITAL SERVICE UNIT (DSU) END-TO-END TEST  
(AT&T 2556 DSU TO AT&T 500B DSU)**

Reissued

Issue 2	APR 1998
234-351-120AC	DLP
PAGE 1 of 1	536

- [1] At frame control panel, depress **ALARM CUTOFF** pushbutton Alarms silence
- [2] At fan unit control panel, depress **OFF** pushbutton **FAN A** and **FAN B** LEDs light
- [3] At frame fuse panel, remove fuses associated with faulty unit [TABLE A]
- [4] At fan unit assembly, grasp both sides of drawer and carefully pull assembly from frame
- [5] On faulty fan unit, disconnect -48V power cabling from unit
- [6] Loosen screws securing fan unit to drawer assembly
- [7] Remove faulty fan unit

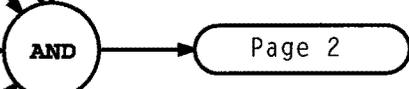
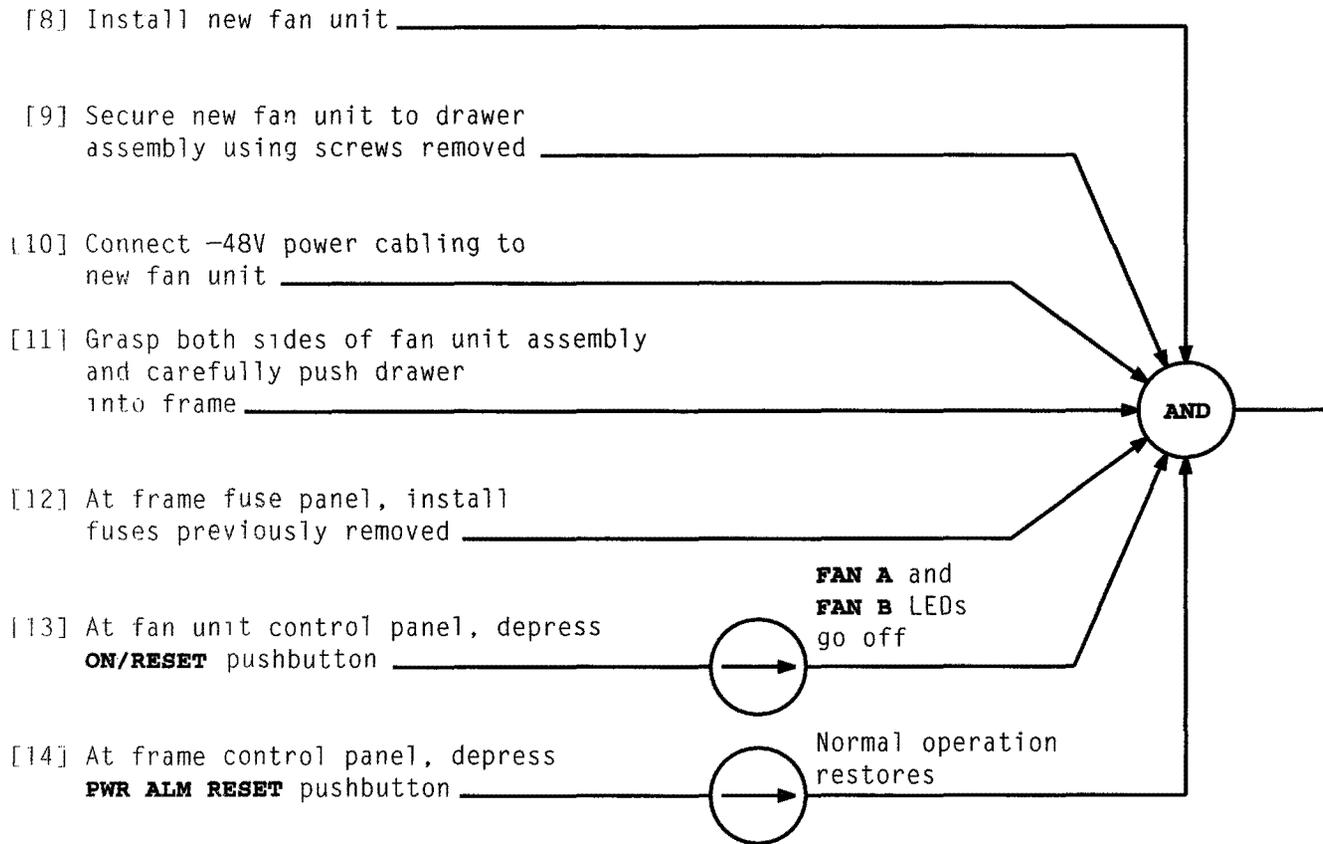


TABLE A		
BLOWN FUSE	FUSE TYPE	ASSOCIATED CIRCUITRY
FC1	70G	FAN CONTROLLER 1
FC2	70G	FAN CONTROLLER 2
AF1	70A	FAN UNIT 1 (Fan Unit A in Controller 1)
BF2	70A	FAN UNIT 2 (Fan Unit B in Controller 1)
CF3	70A	FAN UNIT 3 (Fan Unit A in Controller 2)
DF4	70A	FAN UNIT 4 (Fan Unit B in Controller 2)
ALP	70G	BUS A LAMP
BLP	70G	BUS B LAMP

**REPLACE CABINET FAN UNIT ASSEMBLY**

LUCENT TECHNOLOGIES PROPRIETARY - Use Pursuant to Company Instructions

Revised	Issue 2	JAN 2000
	234-351-120AC	DLP
	PAGE 1 of 2	537

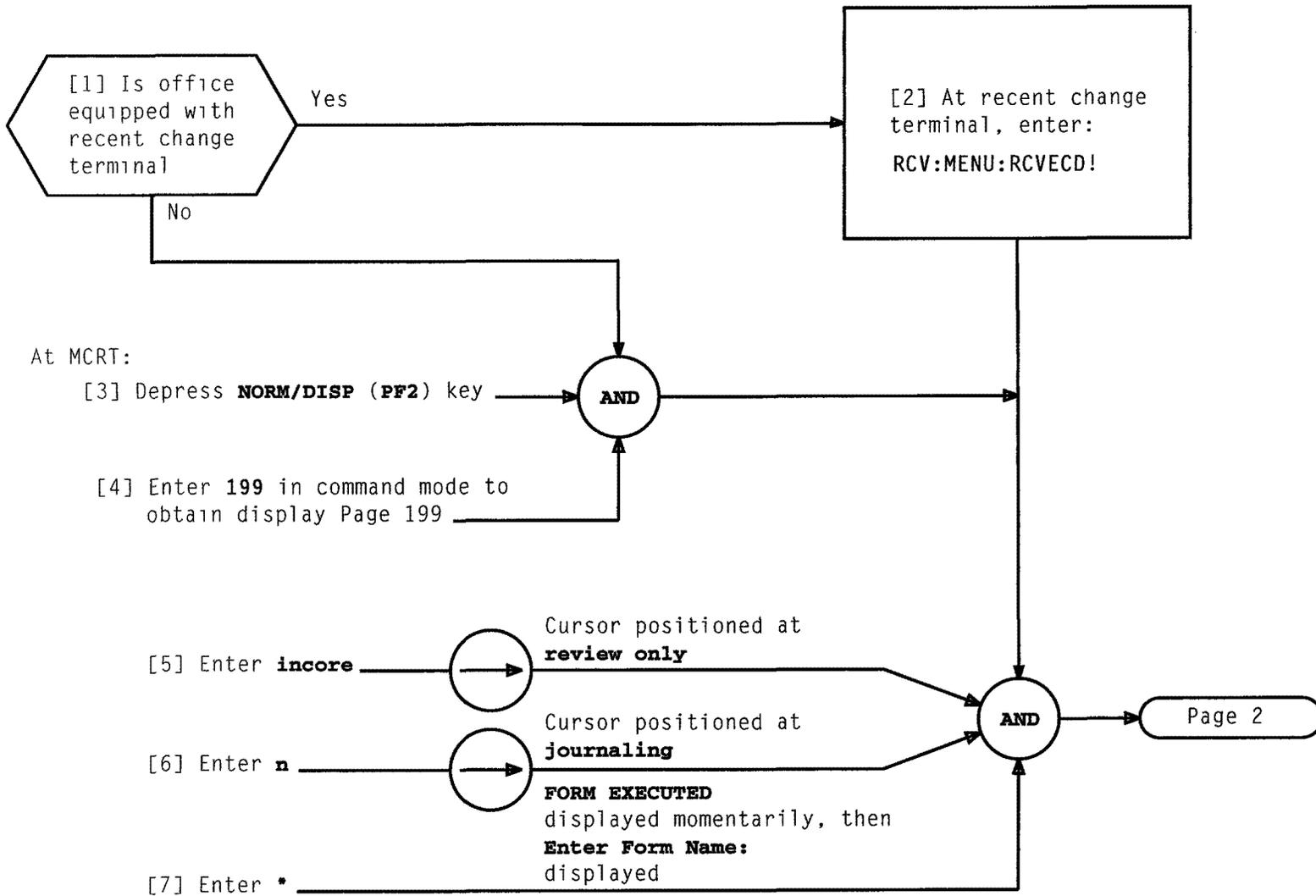


## REPLACE CABINET FAN UNIT ASSEMBLY

LUCENT TECHNOLOGIES PROPRIETARY - Use Pursuant to Company Instructions

Revised

Issue 2	JAN 2000
234-351-120AC	DLP
PAGE 2 of 2	537



Reissued

Issue 2	APR 1998
234-351-120AC	DLP
PAGE 1 of 15	538

## PERFORM RECENT CHANGE TO CHANGE NODE HV VALUE

LUCENT TECHNOLOGIES PROPRIETARY - Use Pursuant to Company Instructions