

**Lucent Technologies**  
Bell Labs Innovations



# QPPCN

Release Date: October 20, 1995

Expiration Date: October 1996

CUSTOMER INFORMATION  
MANAGEMENT SYSTEMS  
DEFINITY O G3  
CLASS QC CHANGE  
(Hardware)  
TN2181 v4, 2-Wire Digital Line Circuit

11900 North Pecos St.  
Denver, Colo. 80234  
October 20, 1995

CN 791DR

## APPLICATION

1. Update TN2181 v4 and earlier circuit packs in factory stores, MSL stocks, and International stocks to TN2181 v5 or later.
2. This change notice applies to G3 customer systems with TN2181 V4 and earlier circuit packs that meet any of the conditions defined below that are verified by Tier III.
  - Two-wire digital terminals (8400 series sets, 9400 series sets, 603E1 Call Master, 302B console) that experience "clicking" sounds. The "click" occurs at approximately one minute intervals. Short talk path interruptions may also be associated with the "clicking" sounds.
  - Two-wire digital terminals with message waiting light not working reliably.
  - Two-wire digital terminals that go to sleep, ie, no dial tone and no button response.

In systems that meet the above conditions replace the TN2181 v4 and earlier circuit packs with TN2181 V5 or later circuit packs.

## **BILLING INFORMATION**

This change requires service to be interrupted on the affected ports and shall be implemented on a no charge basis to qualified customers under warranty, lease or maintenance contract. T&M customers will be billed for labor using SPE 0206-900.

## **COORDINATION**

When possible coordinate this change notice with QPPCN 756DR.

## **REASON FOR CHANGE**

This change corrects a problem caused by a defective batch of integrated circuit devices that were shipped in a limited number of 2-wire digital terminals manufactured during June, July, and August of 1995. The problems caused by these devices were corrected by a firmware change in the TN2181 circuit pack.

Refer all administrative questions pertaining to this Change Notice to your local Marketing Branch.

ATTACHMENT: QPPCN 791DR Customer Information Sheet

## QPPCN 791DR ---- CUSTOMER INFORMATION SHEET

The purpose of this QPPCN is to correct a problem that was a result of an interaction between some 8400 series voice terminals and 16 port digital line circuit packs (TN2181) manufactured during June, July, and August of 1995. The solution involves a modification to the 16 port digital line circuit pack. The problems corrected are described below:

1. Two-wire digital terminals (8400 series sets, 603E1 Call Master, 302B console) experience "clicking" sounds. The "click" occurs at approximately one minute intervals. Short talk path interruptions may also be associated with the "clicking" sounds.
2. Two-wire digital terminals with message waiting light not working reliably.
3. Two-wire digital terminals that go to sleep, ie, no dial tone and no button response.