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## TECHNICAL NOTE TN-1077-SR

### T1431 GCC Modem Processor Software

### V1.03

22 August 2005

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#### Applicability

T1431 TaitNet MPT 1327 Nokia Action Net gateway.

## 1. Introduction

This is the first commercial release of modem processor software for the T1431 Action Net gateway. This is primarily for the Telstra SMR project.

## 2. Changes

If the gateway detects that it is receiving a codeword then it mutes the FFSK so that the Taitnet system does not hear the FFSK audio. The gateway uses the SYNT pattern to detect FFSK. It only does this for speech calls, not NPD calls.

## 3. Known Issues or Limitations

None

## 4. Compatibility

Products this Software is approved for inclusion in:

- T1711 Channel Management Module (Note the Gateway software is run on normal CMM hardware.)

It is **not** compatible with

- T1510 Channel Control Module.
- T1511 Channel Control Module.

Hardware compatibility:

- Q1431GMO requires 128k\*8 FLASH (29F010). Used in T1711 CMM hardware.

Software compatibility:

- Gateway Site Manager Processor: Requires Q1430GSM version 1.03 or later.
- Gateway Channel Controller Modem Processor: Requires Q1431GMA version 1.02 or later.
- T1541 Node Controller/Network Management Terminal (Q1541NC/Q1541NM) versions 4.0.0 or greater. It will **not** work with older versions of the node.

## 5. Issuing Authority

**Name and Position  
of Issuing Officer**

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Tait Only

**Document History**

Original Release

22 August 2005

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