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**TECHNICAL NOTE TN-1053-SR**  
**PGM800 V4.21 Software Release Note**

12 July 2005

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**Applicability**

T800 II, T803-xx

## 1. Introduction

The T803 has had an issue with a ping noise that has is audible on key-up from a tone remote. Changes in PGM800 have resolved this issue. Factory mode that is used by Tait and accredited service centres to set module parameters has had a number of issues resolved.

## 2. Changes and Known Issues

**Changes**

- It is now possible to select and program the T803 T83x RSSI option.
- A Memory field was used for two different purposes, the UHF/VHF RSSI Signal Output option and the Disable front Panel Mode switch. This has been resolved.
- A problem in factory mode where a module could not be set as a receiver has been resolved.
- Updated T803 DSP filter coefficients to remove audible ping at key-up.

**Known Issues**

- T803 Selcall user defined Toneset and timing. Currently PGM800 only allows the user to select a selcall toneset, not the timing. The timing is never stated, and the user is left to work out that it defaults to the original standard. For example CCIR defaults to 100ms tone period where most use 40mS (US) or 20mS (NZ and Australia).
- Selectable Guard Tone notch required in 4-wire mode. Currently the RX Audio path Guard Tone notch filter is ON by default on 2-wire mode and OFF by default in 4-wire mode
- T800 EPROM files are not created correctly. (Use PGM800 V2.12 to create EPROM files)
- Copy and Paste doesn't work from channel table tab.

## 3. Other

**Compliance Issues**

None

**CSO Instruction**

Use this version to program all T803-02 Tone Remote units. CSO's with factory write facility will find the factory write options on this version are more reliable than previous releases of V4 PGM800 software.

## 4. Issuing Authority

**Name and Position  
of Issuing Officer**

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**Distribution Level**

Associate

**Document History**

Original Release

12 July 2005

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