



# Technical Support

TECHNICAL NOTE

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Technical Note TN-791

## Firmware Upgrade for the T2040 GPS Radio to V6.17

27<sup>th</sup> August 2003

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**Applicability** This Technical Note applies to T2040 GPS radios

### 1. Introduction

**Detail** The last full release of T2040 GPS firmware was V6.16. This has now been updated to **T2040 GPS V6.17**.

**Compatibility** This firmware can be used with DOS Programming Software V2.77 or later.

**What Has Changed?** The main changes to note are:-

- Receive status impossible after switch off/on if same status in memory (refer TIMS 4077)
- Reject Dynamic regroup & Radio unable to receive binary/BCD SST (refer TIMS 4506)
- Dynamic Regroup not selectable via PGM (refer TIMS 4680)
- Dynamic regrouping not working (refer TIMS 4716)
- Unrecoverable ERROR 13 if a radio is called after processing a diversion request (refer TIMS 5036)
- Read default tones from database after programming (refer TIMS 5671)
- ERROR 18: Timer already exists error (refer TIMS 7051)
- Error 56 when queue is full (refer TIMS 8320/TID2328)
- T2040 Status call alert (refer TIMS 8660/TID 2231)
- Rx/Tx cycle cannot be re-triggered in SEM if the radio is in Quiet Mode (refer TIMS 8776)
- Rx/Tx cycle cannot be re-triggered in SEM if the radio has Queuing set to "FULL" (refer TIMS 8777)
- Radio units not responding to availability checks (refer TIMS 8783/TID 2478)
- Firmware transmitting requests in withdrawn slots of control channel (refer TIMS 8785)
- ECR call clear function cannot be disabled (refer TIMS 8817)

- Emergency mode (SEM) Incorrect operation (refer TIMS 8983)
- Inter-prefix SDM transaction failure over non-Tait systems (refer TIMS 17636)
- Adjacent Channel Power too high on Key Off (refer TIMS 13143)
- Trunk Channel Barring (refer TIMS 9266)
- Emergency call setup failure if network is busy (refer TIMS 9210)
- Stun & revive firmware required on T2040 (refer TIMS 17718)
- Single press PTT to call & talk (refer TIMS 3936)
- Special Emergency Mode - Display freeze enhancements (refer TIMS 4230)
- Option to re-register on trunked network at power-up (refer TIMS 4841)
- Join Busy Group (refer TIMS 8578/TID 2690)
- Disabling all tones of the radio (refer TIMS 8804)

The new firmware will be placed in radios from **Serial Number 17242426**.

**Please Note:-**

The new firmware is available for download from the Technical Support website ([www.taitworld.com/support](http://www.taitworld.com/support)).

<b>Compliance</b>	None
<b>CSO Instruction</b>	CSO's – Please inform all logistics, sales and technical staff of these changes.

## 2. Issuing Authority

<b>Name and Position of Issuing Officer</b>	Paul Anderson Customer Support Engineer - Mobiles		
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