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Technical Note TN-663  
**New Tait Orca 5000  
Trunked Radio Firmware and  
Programming Software**

24<sup>th</sup> May 2001

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**Applicability**

This Technical Note applies to 5030, 5035 and 5040 radios currently being produced.

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**1. Information.**

**Summary**

The trunked 5000 series Tait Orca are now being produced with new radio firmware. To program these radios, the user will also need new programming software.

The changes are:

5030, 5035 and 5040 radio firmware has been upgraded from V4.00 to **V4.05**.

The programming software has been upgraded from TPU V2.0 (V3.0.0 software) to **TPU V2.1 (V3.1.0 software)**.

This change was implemented into production from serial number **14110097** (C Band) and **14111655** on the remaining radio bands. The change was made on the **15<sup>th</sup> of May, 2001**

## 2. Main Changes.

### Details

#### Radio Firmware:

- The user can no longer setup a call by pressing the menu key whilst in idle mode. This will prevent 'falsing'. This is a programmable option.
- The Queuing operation has changed. The using will see the text 'MISSED CALLS' on the LCD when the queue is active.
- Auto-AckB when unanswered call queuing
- Network-ID / Radio Unit-ID message at start-up as programmable option
- Status calls cannot be made from presets if the status calls option has been turned off.

#### Programming Software:

- Updated for v3.1.0 releases of Tait Orca Portable Calibration Application, Tait Orca Portable Download and Configuration Application, Tait Orca Portable Conventional Programming Application and Tait Orca Portable Trunked Programming Application.
- Install in French and Spanish as well as English and Simplified Chinese

**Please Note:** It is recommended that the previous versions of any Tait Programming Utilities are uninstalled before installing this version. If TPU V2.1 version is run without previously uninstalling earlier versions, it is recommended that a 'Repair' is done to update the necessary files, and then a modify to install any new packages

**TPU V2.1** CD's can be ordered on this IPN 406-00003-01. CSO's need only order one CD, and then make copies to distribute the dealers and customers. A new orderable CD with all current PGM software (T800, TOP) is currently being designed.

## 3. Issuing authority

**Name and position  
Of issuing officer**

Barry Crates  
Customer Support Engineer