Technical Note TN-812

Tait Orca 5030, 5035 & 5040 Firmware Upgrade to 4.22

17 October 2003

Applicability

This Technical Note applies to the firmware utilised in Tait Orca 5030, 5035 and 5040 MPT1327 Trunked radios.

1. Introduction

What is in this Technical Note?

The Orca Trunked Firmware v4.22 has been released to manufacturing to replace the current Firmware (v4.21) being installed in Tait Orca 5030, 5035 and 5040 Trunked products.

Version 4.22 Firmware was first implemented in an Orca TOP-H2620-B0, radio serial number 14219700, job 103007387, and date 21 October 2003.

This Firmware is compatible only with Tait Orca Trunked Programming Application TOP-TPA v3.8.0 or later.

What does it work with?

The TOP-TPA v3.8.0 is available on the Tait Programming Utilities TPU v3.8.1 CD-ROM, or available for download from support.taitworld.com.

2. Changes

What has been resolved in this release?

The Firmware version 4.22 resolves the following issues in the Tait Orca 5030, 5035 and 5040:

- Altered radio functionality slightly so that when a radio initiates a call from a function key, it no longer stores this call string as the last string sent. This change mainly affects the Tait Orca 5030 radio. This change was made to alleviate an issue where a user had an emergency (*9*) call defined as a function key call. Once the emergency call had been cleared, a press of the PTT would result in the last call being setup again. Thus another emergency call was setup. This no longer occurs; instead a press of the PTT will call the preset selected on the 16-way selector. This brings the Tait Orca 5030 functionality into line with the 5035 and 5040. (Raised as TIMS 21920).
- When the radio switches networks, and revalidation on power-up is enabled, the radio will revalidate to the new network. (Raised as TIMS 22032).
- System Error 52 (Invalid Menu Item) no longer occurs when PTT pressed in response to unanswered call (However it will still occur under certain error mode conditions). (Raised as TIMS 21857).

Compliance Issues

None, unless a specific Firmware version is required by a network provider.

CSO Instruction

CSO's – Please inform all logistics, sales and technical staff of these changes

3.   Issuing Authority

Name and Position of Issuing Officer

Tim Lummis
Technical Support Engineer

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Tait Only

Document History

Original Release	17 October 2003	TPL
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