

T2040 and 5040 Conventional Scanning



BACKGROUND

A customer required conventional channel scanning on their Tait Orca 5040 and T2040 trunked radios, which was previously unavailable. The new scanning features were implemented in the radio and programming software, with some non-essential standard items removed to make room for the new functions. Originally designed for one customer, this development has now been used by a number of customers.

The number of conventional channels was increased from 10 to 32, set up using modified programming software. The conventional channels are accessible in both trunked and conventional modes directly from the keypad, by entering the channel numbers.

Up to eight group channels were made available, with up to 16 conventional channel members in each group. Also accessible in trunked and conventional modes directly from the keypad, the new group channels can be scanning or voting. Indicators on the radios are used to display scanning status.

The programming software needed several fields from the conventional software to be added to the trunked software. The programmable parameters added were Group Hold Time, Voting Leading Delay and Voting Polling Intervals.

FEATURES

- Scanning implemented on trunked radios.
- Conventional channels increased from 10 to 32, with access from the keypad.
- Up to eight extra group channels can be added, with access from the keypad.
- Each group has up to 16 conventional channel members.
- Conventional group channels accessible from both trunked and conventional modes.
- The group channels may be scanning or voting.
- Additional programmable parameters, Group Hold Time, Voting Leading Delay and Voting Polling Intervals.
- Scanning indicated by AUX on the Tait Orca 5040 radio, SCAN on the T2040.



Tait Custom Integration (TCI) has modified this product for a particular customer. This information has been provided as an example of the capability of TCI and of a recent custom development. Further development and/or type approvals may be required to make this product suitable for use by other customers or markets. Please note that the T2040 radio is now an obsolete product. For further information, please contact the Tait Systems Engineering team (telse@tait.co.nz).