Technical Note TN-627

1. Tait Orca Programming Utilities V1.0 (TOPTPU)
2. Tait Orca Conventional Programming Application V2.0.0 (TOPCPA)
3. Tait Orca Trunked Programming Application V2.0.0 (TOPTPA)
4. Tait Orca Calibration Application V2.0.0 (TOPCALA)
5. Tait Orca Download and Configuration Application V2.0.0 (TOPDLCA)

1   TOPTPU v1.0

1.1 Applicability

This Technical Note applies to the release of the Tait Programming Utilities (TPU) v1.0. This utility contains an installation guide to install all of the Tait Orca programming applications at one time. This also contains the windows T800 programming application, and user manuals for each application in PDF format.

1.2 Release Date and Distribution

Date of release for this software is the 21/7/00. A CD-ROM containing the TOPTPU v1.0 is available on Baan on IPN: 406-00001-00. This will also be available on Taitworld, as will the upgrade files for existing TOPCPA v1.2.0 and TOPDLCA v1.2.0.

2   TOPCPA v2.0.0

2.1   New features available v2.0.0

No new features have been implemented into the Conventional Programming Application.

2.2   Minimum Hardware Requirements

	Minimum	Suggested
RAM	8 Mb	16 Mb
Free Hard Drive Space	25 Mb	25 Mb
CPU	486	Pentium 100
Monitor	640 x 480 x 256	800 x 600 x 256

TOPCPA v2.0.0 has been designed and tested to run on all current 32-bit operating systems ie. Windows 95, 98, 2000 and NT4.

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2.3 Manual
The IPN for the Conventional Programming Application user manual is 439-51110-01. This is supplied with the software as "TOPCPA Manual.pdf".

2.4 Known issues remaining with V1.2.0
There are no known limitations or faults

2.5 Compatibility
This programming application is backward compatible with all conventional radio databases. Database versions supported are 2.00, 2.01, 2.03, 2.04, 2.05.

3 TOPTPA v2.0.0

3.1 New features available v2.0.0

Feature	Description	Impact on Customer
Multiple Networks	Up to 4 networks are supported with this software.	Major new feature

3.2 Minimum Hardware Requirements

	Minimum	Suggested
RAM	8 Mb	16 Mb
Free Hard Drive Space	25 Mb	25 Mb
CPU	486	Pentium 100
Monitor	640 x 480 x 256	800 x 600 x 256

TOPTPA v2.0.0 is designed and tested to run on all current 32-bit operating systems ie. Windows 95, 98, 2000 and NT4.

3.3 Manual
The IPN for the Trunked Programming Application user manual is 439-51210-00. This is supplied with the software as "TOPTPA Manual.pdf".

3.4 Known issues remaining with V2.0.0

Issue	Description	Impact on Customer
Preset calls on networks 2-4	If more than 9 presets are defined in networks 2-4 then when programmed the Excel will display preset 10 in position 1, preset 11 in position 2 etc.	Significant bug. Will be resolved in the next release.
Nokia ANN dialling scheme	When dialling scheme is set to "Nokia ANN" and the field MEP is edited before FEP then error "3617" occurs 4 times. To fix clear the error each time and continue editing.	Minor inconvenience

Reading Archive files	When reading an archive ops file an error will reset the "Trunked Channel Block Frequencies" to zero. To fix simply re-read the archive file.	Minor inconvenience

3.5   Compatibility

This programming application is backward compatible with all trunked radio databases. Database versions supported are 1.05, 1.06, 1.07.

4   TOPCALA v2.0.0

4.1   New features available v2.0.0

No new features have been implemented into the Calibration Application.

4.2   Minimum Hardware Requirements

	Minimum	Suggested
RAM	8 Mb	16 Mb
Free Hard Drive Space	25 Mb	25 Mb
CPU	486	Pentium 100
Monitor	640 x 480 x 256	800 x 600 x 256

TOPCALA v2.0.0 has been designed and tested to run on all current 32-bit operating systems ie. Windows 95, 98, 2000 and NT4.

4.3   Manual

The IPN for the Calibration Application user manual is 439-52010-01. This is supplied with the software as "TOPCALA Manual.pdf".

4.4   Known issues remaining with V1.2.0

There are no known limitations or faults

4.5   Compatibility

This product is compatible with all TOP radios built with embedded radio software fully approved prior to this release, on all appropriate TOP hardware platforms fully approved prior to this release.

5   TOPDLCA v2.0.0

5.1   New features available v2.0.0

No new features have been implemented into the Download and Configuration Application.

5.2   Minimum Hardware Requirements

	Minimum	Suggested
RAM	8 Mb	16 Mb
Free Hard Drive Space	25 Mb	25 Mb
CPU	486	Pentium 100
Monitor	640 x 480 x 256	800 x 600 x 256

TOPDLCA v2.0.0 has been designed and tested to run on all current 32-bit operating systems ie. Windows 95, 98, 2000 and NT4.

5.3 Manual

The IPN for the Download and Configuration Application user manual is 439-52010-01. This is supplied with the software as "TOPDLCA Manual.pdf".

5.4 Known issues remaining with V1.2.0

There are no known limitations or faults

5.5 Compatibility

This product is compatible with all Conventional and Trunked TOP radios. This product is compatible with both A1 and E1 microprocessors.

Note to CSO's   This information is primarily of a technical nature. Use this information to fix reported problems. Distribute the programming software as required only.

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