Update-Information for PTC-II/e/ex/pro/net/trx/usb-Firmware: Version 4.0

1. Basics

The firmware version 4.0 primarily provides some bug fixes and internal enhancements.

2. Extensions

2.1 New Hostmode Command %Q

%Q basically has the same function as %O (over command), i.e. it puts an "over token" to the end of the PACTOR transmit buffer triggering and "over" from ISS to IRS state after all transmit data has been sent. In contrast to %O, the %Q command does not cause a "breakin" ("over" from IRS to ISS state) if the PTC currently is in the receiving state (IRS).

3. Improvements and Bug Fixes

- Abbreviations PT3, PT2, PT1 in the dot matrix display replaced by P3, P2, P1. Thus one more character is available for displaying callsigns.

- RNR function of the Packet Radio module improved.

- Number of TRX timers extended to 32 (PTC-IInet firmware only).

- FM-FAX in Bluetooth mode improved: After leaving the FM-FAX mode the serial port of the PTC modem was reset. Thus the Bluetooth module could no longer be accessed by the modem leading to a lockup of the Bluetooth connection always when the FM-FAX mode was left with a 0xFF command byte.

- AT&F command (Hayes) will now only be processed when the PTC is in the standby state (no PACTOR connection).

- ATH command (Hayes) no longer immediately confirmed with "OK" but only after the PACTOR connection has fully been terminated.

- Bug regarding crossmode digipeating (Packet Radio module) fixed: If no plug-in modem is available on the second port, crossmode digipeating is generally switched off, i.e. also digipeating via the MYCALL-15 digipeater takes place on the single, available port.