

FIRMWARE RELEASE NOTES



Model	Chameleon CTM-15X modem
Revision:	#2023.0045 Revision 1.1.30

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2 Revision Control

Description	Revision	Date
Customer Release	#2023.0045 Revision 1.1.30	3-June-2008

3 Release Notes for the CTM-15X Modem Firmware (Rev 1.1.30)

This release note provides an overview of the features in the CTM-15x embedded firmware release.

3.1 R1.1.30 Changes

New Features:

- Ignition triggered reporting. See sec 4.1.7 in the CTM-15x User Manual for details
- Supply Voltage Level triggered reporting. See sec 4.1.8 in the CTM-15x User Manual for details
- Power Up triggered reporting. See sec 4.1.9 in the CTM-15x User Manual for details

- Send reports by SMS. See section 4.1.10 in the CTM-15x User Manual for details
- Redesigned reporting system for:
 - Improved performance for reporting and message delivery
 - Support for new report triggers
 - Support for new message delivery mechanisms
 - Store-and-forward option can now be enabled for all reports
- Configurable Local Reporting IP

Fixes:

- fixed bug with RateSel command
- Fixed issue where the modem loses its IP address after a cmd factory and does not re-dial even though it is in mode 2
- Fixed local ppp connection issue caused by system time update
- Fixed configuration issue with cmd iorep 1 5 6 - Local TCP and email not working together
- Store-and-forward fixes

3.2 R1.1.29_14 Changes

New Features:

- Telnet port is configurable
- Telnet timeout is configurable
- PAD forwarding time changed to use 50ms time increments instead of 1s
- Command to reset PAD connection from Telnet

Fixes

- PAD feature fixes

3.3 R1.1.29_2 Changes

New Features:

- Added Wireless Number Portability (WNP)
- Over The Air Provisioning (OTASP)
- PRL upgrade capability
- Added a new report message (Message 40)
- New command to show modem configuration (showconfig)

Fixes:

- PWRWOE timer issue fix
- Local PPP disconnects
- Pass through mode for UDM tool
- Panic button message issues
- Disabled modem synchronization to the CDMA network time

3.4 R1.1.25 Changes

New Features:

- Network watchdog added. New command - **netwd**
- Modem synchronization to CDMA network time
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Fixes:

- Store and forward out of coverage detection

3.5 R1.1.24 Changes

New Features:

- None

Fixes:

- The system log file has a finite size so that it does not use up too much of the RAM
- Verify that flash config file exists before saving to FLASH to prevent the modem's configurations from being corrupted

3.6 R1.1.23 Changes

New Features:

- New commands to change the web and telnet passwords – **telnetpswd** and **webpswd**
- New commands to add and delete messages associated with the PANIC message for the Work
- Alone system – **zbeeaddmes**, **zbeedelmes**, and **zbeemes**

Fixes:

- "cmd ratetmr"; for the AC595, the modem was not trying to reconnect to EVDO when in 1x
- PAD – In PAD, an escape character was being discarded even though it may not have been a real escape sequence
- Zigbee does not require a valid IP address as a condition to start working
- Updated firmware so that during boot up, the firmware upgrade feature does not write to FLASH

3.7 R1.1.21 Changes

New Features:

- None

Fixes:

- Factory reset – mode will default to 2 (auto connect); previously the default was 1
- Packet sizes of more than 1500 bytes would cause an issue on the Ethernet port

3.8 R1.1.20 Changes

New Features:

- Updated embedded web pages with a new brand interface
- New Port Forwarding feature with the ability to map an external port to a different local port
- Added additional PAD modes (2 – 7)
- New OBD NMEA messages (POBDB – POBDF)

Fixes:

- TCP PAD recovery if the IP address is refreshed
- “cmd port”; when baud rate is changed from 115200, modem responses will be visible after a power cycle
- GPS stationary heading change fixed
- Fixed throttle position in the POBDA message (missing in previous version)
- DNS server fixed so that web site names can be probably mapped to an IP address
- TCP local and remote reporting fixed

4 Technical Support/Warranty:

**Cypress Solutions Service
Support Group**

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