Software Release Notes

Part Number: SW90112
Description: OZGTI3000 Active Front End Controller Firmware
Release Number: 5.6
Release Date: 4/30/2013

New Features:

- Added hardware pin control for On/Off (connector J9, pin 4) and Fault Reset (connector J9, pin 3), enabled through a new "Hardware On/Off Pin Control" configuration parameter (PID 0x806D, Modbus Address 4215).

- Added hardware FAULT pin (connector J10 pin 8) to report controller's Fault status.

- Added a new CAN command message to set the AC output voltage when operating in standalone mode.

Bug Fixes:

- Updated max limit for "Default Control Mode" configuration parameter (PID 0x8030) to include the use of standalone voltage mode (Mode = 2).

- Update the factory default values for various configuration parameters that had inadvertently fallen out of synchronization with the values shown in the AFE Controller Users Manual (UM-0021).

Compatibility Notes:

- The AFE Controller Users Manual (UM-0021) has been updated to Revision M to reflect the new features described above.

- The OzCan AFE Device Profile Functional Specification (FS-0047) has been updated to Revision H to include the new AC Voltage Setpoint command message.

- The AFE Modbus Register Profile Functional Specification (FS-0058) has been updated to Revision C to include the new Hardware On/Off Pin Control register (Address 4215).

- The Oztek PCC Control GUI (SW90118) has been updated to Rev 1.12 to include dashboard support for standalone voltage mode (additional VMI-related faults are listed and new AC Voltage Setpoint command has been added) and to provide the latest AFE configuration file (.ozCfg) to match the new factory default configuration for the AFE.