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August 26, 2013

To whom it may concern,

We are seeking limited modular approval of the second generation of the DigiTrak® DigiRadio™ transceiver module (model: DR2) under part 90.217 of FCC rules. The FCC ID number for this product is KKGB2DIG1. The product is designed for use in DigiTrak® brand devices to transmit and receive telemetry data during horizontal directional drilling (HDD) applications.

The module uses the Silicon Labs EZRadioPRO Si4464 Wireless ISM transceiver on a reference design board layout with custom software for use in DigiTrak locating equipment. Please see the DR2 Functional Description exhibit for more information regarding the radio-frequency shielding, data inputs, modulation, and power supply regulation. Note that no radios having antennas within 20 cm of the DR2 antenna will operate at the same time as the DR2 module.

Limited modular approval is sought because the transmitter module and associated antenna are installed in the Applicant's host device at the Applicant's factory. The host device contains no user-serviceable parts and thus contains no provisions for the user to access the internals of the equipment. The Applicant's host devices determine the operating frequency range of the EUT. The frequency range cannot be changed by anyone other than the Applicant at the factory.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Bruce E. Kolpack'.

Bruce E. Kolpack  
Digital Control Inc.  
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Kent WA, 98032