# DataTrace®

## Technical Note

**Date:** May 7, 2014
**Subject:** Regarding Rev 005

There is a known issue observed in previous versions of firmware (Rev 001 and newer), that can cause the MPRF logger to be 'lost' in an unknown state during IR communication during a 'test logger' function. The issue can be resolved by pressing the "Stop Logger" button on the test window many times in succession. If the "stop logger" button is not working, simply open the logger for 10 seconds or more (as if changing the battery) and then close the logger again. Your logger should once again be functional. This issue will occur due to the blinking of the radio LEDs that can cause interference with the infrared communication if received at the wrong time during the test logger function. This is more likely to occur when the logger was previously used with Radio enabled before the test logger was performed. It is also much more likely to occur in Rev 004 than previous versions of MPRF firmware.

Rev 005 mitigates this error, but will not completely eliminate the potential for this issue. There will be a subsequent release of software that will entirely eliminate the possibility. If you want to be sure to completely eliminate the possibility of this state occurring, one can program the logger for 'no radio' functionality before performing a test logger, this will tell the logger not to use the radio and subsequently, the radio LEDs will not blink during the test logger function. While this is an extreme method, it will completely eliminate the possibility of this interference occurring on any version of firmware until your loggers are updated to revision 005 of the firmware and a subsequent software release that will eliminate the issue. Please contact your representative if you have any further questions.

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