

ProMark3 Operating System Ver. 2.13 Release Notes

July 4, 2007

1. Resolved Problems

1.1. *Modify GPS Data Server startup*

When no battery was present inside the PM3, and the internal capacitor was fully discharged, the processor could lose its real-time clock. When the GPS Data Server queried the GPS receiver for the backup time at startup, the response was blocked until the GPS firmware responded with a ZDA message, which was not forthcoming.

This communication deadlock (a) prevented the Magellan System Info utility from getting the GPS firmware version number (returning a "GPS not available" message), and (b) prevented the Mobile Mapping data logging application from working properly.

The blocking situation has been fixed with a time-out mechanism.

1.2 *Modify Bluetooth Manager*

The Bluetooth Manager was modified to support 3G GPRS cell phones

2. Known Issues

NA.

3. Compatibility

This release of the operating system is compliant with the following versions:

Bootloader (EBOOT)	1.40 , 1.26
Rescue Image (ROS)	1.90
GPS Data Server	1.2.0.3
GPS F/W	P008

4. Upgrading from PM3 2.12

Use Autoloader.

Select FOS213.TXT on SD card.

Click OK to reboot.