

## ParaDyme v4.0.33064 and GeoSteer v2.0.33036 Firmware Release Notes

Ag Leader is pleased to announce the release of new firmware. Features and improvements in this version are listed below.

**Upgrades should be performed within 5 minutes of powering the system up; If the system was previously powered, power-cycle the system prior to performing the upgrade.**

### ***System Enhancement:***

The following items have been added:

- Enhanced: Time the system remains in RTK fix in less than ideal conditions
- Enhanced: Curve steering performance
- Enhanced: Better system log diagnostic reporting
- Fixed: Rare occurrence of duplicate GGA messages when outputting NMEA
- Fixed: Issue with GLONASS tracking
- Patch build rollup, including:
  - Leap Second fix for December 31<sup>st</sup>, 2016 leap second
  - Valtra remote engage CAN fix

**NOTE:** Current Preferred Roaming List (PRL) for North America

20119 – Verizon Prioritized      10933 – Verizon Only

24091 – 850 MHz                      40112 – Sprint Prioritized

**20119 is the recommended PRL. After selecting this PRL, power cycle the system to accept the change.**

## Known Limitation:

- **Power Cycle after Copying System Logs**  
The system should be power cycled after copying system logs to ensure proper GNSS startup
- **NTRIP – use the numerical IP address for an NTRIP server – not a name**  
Typing the name of the NTRIP server, rather than typing the IP address can cause problems. Always use the numeric IP address if available
- **After Import or Export Vehicle, GPS may not return automatically, requiring a reboot**  
The system stops tracking GPS during a vehicle import/export to speed up the operation. If the system does not return to tracking GPS, the system may need to be power cycled.
- **Downgrading to a lower version is not supported**  
The internal database may become corrupted. If this happens, the user must overwrite the existing database with the default database and all data will be lost.
- **Changing RTK Connection Type**  
Changing RTK Connection type (e.g. from NTRIP to Internal) can result in a system reset. A power cycle may be required.
- **Changing Differential Types from SBAS to Autonomous**  
A system reboot is required when differential type is changed between SBAS and Autonomous.
- **Changing vehicle profiles**  
The system supports multiple vehicle profiles so you can move your system between vehicles. A reboot may be required after changing vehicles and profiles to ensure the new profile is being used correctly especially if the orientation of the GCU is different between the vehicles.
- **Australian Cellular Services Require GPS Fix**  
In Australia, the cellular modem will not connect to the service provider the first time unless the system has a valid GPS position. The cellular network uses this information to activate the cellular plan and allow communications. This only has to be performed once.

## Conditions Requiring a System Reboot

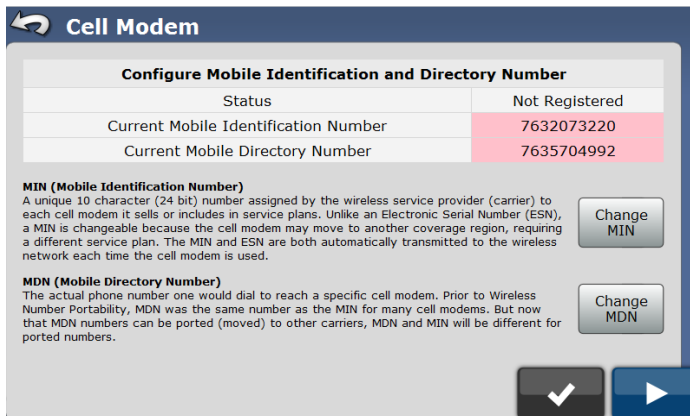
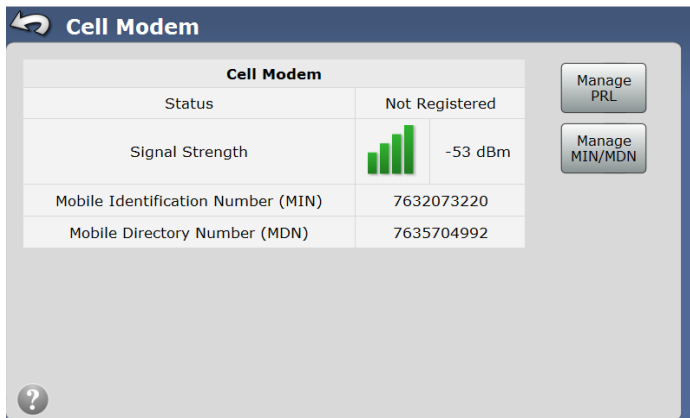
In rare situations, the system may require a power cycle in order to restore operational status to the unit. If any of the following situations should occur, power-cycle the system before moving on to other troubleshooting options.

- The display freezes during the “loading” screen when attempting to enter the setup menu.
- Cellular communications do not work and the user finds that the cell modem has not been detected *My Account* tab under *Details / Cell Modem*.
- After copying system logs to ensure the GNSS engine starts up correctly.

## Expired Remote Service plans and Cell Modem reactivation – North America Only.

Remote services to all system whose service plan is in EXPIRED state will be deactivated. You can check your cell modem status by going to My Connections > Cell Modem in the setup menu. Technical Support can provide complete documentation for reactivating your cell modem

**NOTE:** You must reregister your cell modem BEFORE you reenter the feature codes for RTK ReadyConnect or Remote Service.



**NOTE:** If the Manage MIN/MDN button does not appear and you are certain that your cell modem has been deactivated, then it may be necessary to contact Technical Support for further assistance.