

July 2007

Support Note

Changes to the WAAS Satellite Status (July 2007)

This document describes the changes to the WAAS (Wide Area Augmentation System) satellites.

The older WAAS satellites (PRN 122 and 134) were decommissioned in July 2007. Ag Leader Technology, Inc. recommends that you switch your GPS receiver or EZ-Lightbar to use the new WAAS satellites (PRN 135 and PRN 138) as a correction source.

For more information on changing the configuration and firmware changes for your Ag Leader product, visit www.agleader.com or contact Technical Support at 515-232-5363.

Current WAAS Satellite Status

The following WAAS satellites are currently available for use:

- PRN 135
- PRN 138

Changes to the WAAS Satellite Status

The following changes to the WAAS satellites took place in July 2007:

- PRN 122 (AOR-W) was decommissioned
- PRN 134 (POR) was decommissioned
- PRN 138 was brought to active status

With these changes complete, PRN 135 and PRN 138 will provide full coverage for the US and southern Canada.

Firmware Requirements for WAAS Satellite Changes

Some older firmware versions are not capable of tracking the new WAAS satellites. To allow continued use of the WAAS satellites, you may need to update the receiver's firmware. The minimum firmware requirements are shown below:

WAAS Updates – July 2007	Required Firmware Version
EZ-Guide 500	All versions
EZ-Guide Plus	4.00
GPS 5100	3.56
GPS 3000/3050/3100/4050/4100	3.00
GPS 1100/1000+	1.21
GPS 1000	2.1.1

To update your receiver's firmware, refer to www.agleader.com and select "downloads"

Note: For EZ-Guide Plus and EZ-Guide 500 lightbars Ag Leader Technology, Inc. recommends selecting only one of the two available WAAS satellites for operation. Selecting more than one WAAS satellite can cause possible unwanted position jumps if these WAAS satellites are tracked simultaneously.

The map shows the relative locations of the new WAAS 135 and WAAS 138 satellites over North America. The WAAS 138 satellite will improve or restore service to the northeast region of North America as well as to the Midwest.

