

StarFire™ 6000 Software Update 2017-1

v3.60A - Release Notes

New Features:

***Region 4 (US & Canada Only) and Region 2 Only** – John Deere Mobile RTK Signal. StarFire™ 6000 support and functionality for John Deere Mobile RTK Signal utilizing a Modular Telematics Gateway (MTG) with active JDLink subscription (Region 4 and Region 2) or John Deere Mobile RTK Modem (Region 2).

***Region 3 (Brazil and Argentina) Only** – Flexible RTK and S4 Scintillation Indicator. These features assist RTK customers in managing and minimizing the impact of scintillation. The S4 Scintillation Indicator allows a StarFire 6000 RTK rover to receive and display an S4 Scintillation level from a StarFire 3000 RTK base station. Flexible RTK allows customers to strategically and proactively identify times in which scintillation occurs and change guidance signal from RTK to RTK-X prior to degradation. Changing Diagnostic Address 76 to a 1 enables flexible RTK.

***Region (China) 1 Only** – John Deere RTK Radio 900 – The StarFire™ 6000 Receiver now fully supports this configuration for China.

Shared Signal Between StarFire 3000 (Leader) and StarFire 6000 (Follower) –This configuration is now supported. **Note: SF2 Fallback is not a supported mode for this configuration and the “Use SF2 if RTK Signal Lost” check box should be unselected by the operator if using RTK or mRTK.*

Resolved/Informational Items:

RTK Extend – RTK correction mode will now continue to have RTK-X for up to 14 days if the criteria in the RTK-X Diagnostics pages is met.

Serial Output – NMEA messaging to third party displays will now continuously send the correct GPS position

SF1 Line Drift – Guidance lines will no longer move back and forth when sitting still while using SF1.