



Changes to L-Band Coverage – December 19, 2018

TerraStar satellite-based correction services deliver precise GNSS corrections to the end user worldwide via L-Band beams from geostationary satellites. INMARSAT, the satellite communications service provider for the delivery of TerraStar corrections, has notified the region covered by AORE beam (i.e. 15.5W longitude) will be transferred to AORW beam (i.e. 54W longitude), as part of the planned AORE satellite decommission.

AORW beam will now broadcast at higher power to extend the coverage that includes the AORE region. Users should not expect any performance degradation in their L-Band reception or their positioning, with the new L-Band coverage.

The change does not require any new firmware updates. Receivers with auto assignment will require no manual intervention. **Receivers that are manually configured to track the AORE beam, must switch to either AORW or 25E before December 19, 2018.**

Table 1: L-Band Beam Update Summary

Beam Name	Frequency (MHz)	Remarks
98W	1545.8650	No Change
AORW	1545.8450	Increased Power
AORE	1545.8550	Decommissioned (December 19, 2018)
25E	1545.8250	No Change
IOR	1545.8650	Increased Power
143.5E	1545.8350	No Change
POR	1545.9050	No Change

For the latest information and details about the frequency change, please visit the following webpage:

- <https://www.novatel.com/products/correction-services/l-band-frequency-change>

For assistance and further information, please contact support@novatel.com