



## **TerraStar L-Band Frequency Changes Scheduled for March 2018**

TerraStar correction services are delivered globally to end users over 7 geostationary L-band satellites operated by INMARSAT. The TerraStar L-Band frequencies used by these satellites will be changing starting in March 2018. To facilitate a seamless transition for TerraStar users, the L-Band frequency changes will happen in two stages.

Stage 1 is scheduled to start by mid-March 2018 and includes beams 98W, AORE and 143.5E. Stage 2 is scheduled to start within a few months of Stage 1 and will include the remaining beams POR, AORW, 25E and IOR. We are actively engaging with INMARSAT to obtain the specific start and end dates for each stage and will provide updates on our website as they become available.

**Table 1: TerraStar L-Band Frequency Update**

	Beam ID	New Frequency (MHz)	Change Schedule
STAGE 1	98W	1545.865	March (mid), 2018 – May, 2018
	AORE	1545.855	
	143.5E	1545.835	
STAGE 2	POR	1545.905	TBD
	AORW	1545.955	
	25E	1545.825	
	IOR	1545.865	

During each stage, the TerraStar correction signals will be broadcast simultaneously on both old and new frequencies on the affected beams for a period of 8 weeks. At the end of each stage, TerraStar correction signals will no longer be broadcast on the old frequencies. With the start of Stage 1, the new L-Band beam tables will be periodically broadcast across all beams. TerraStar users can verify the frequency change by checking the LBANDBEAMTABLE log, which will report the new beam frequency after the transition.

TerraStar users are strongly recommended to turn on L-Band tracking for several hours for the receiver to get the new L-Band beam tables and update the stored L-Band frequencies. Receivers with non-compatible firmware will not be able to track the TerraStar L-Band signal on the new frequencies. Please see our earlier L-band tracking service bulletin, for information on compliant firmware versions:

- <https://www.novatel.com/assets/Documents/Bulletins/TerraStarLBandConfigurationBulletin.pdf>

For 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](mailto:support@novatel.com)