



POSITION STATEMENT

February 14, 2020, Statement of Dr. Michael O'Connor, CEO of Satelles, Inc. regarding Executive Order of February 12, 2020, on PNT Resilience

Satelles endorses the Executive Order on [Strengthening National Resilience through Responsible Use of Positioning, Navigation, and Timing \(PNT\) Services](#) signed this week by President Donald J. Trump. We believe that the directives of this executive order will support and accelerate the federal government's efforts to avoid disruption of our national critical infrastructure in those sectors that depend on PNT services.

- **RESILIENCE** – The concept of assured PNT — i.e., being able to obtain precise PNT information from multiple sources — is at the heart of this executive order. Assured PNT is an essential safeguard for telecommunications networks, electrical power grids, transportation systems, and other types of infrastructure that rely on PNT to operate even if the U.S. Global Positioning System (GPS) is unavailable or degraded.
- **DIVERSITY** – It makes sense that GPS and other global navigation satellite systems (GNSS) in medium Earth orbit (MEO) and above should be augmented and backed up by a range of technologies. Satelles is among the many companies in the private sector providing PNT solutions that are different from GPS/GNSS, thereby conforming to the various service delivery requirements and technical performance characteristics demanded by the actions of this executive order.
- **URGENCY** – The time to act is now. With this executive order, the President has provided both the roadmap and the timeline to ensure that proper alternate PNT measures are in place to protect our critical infrastructure. Satelles is one of the PNT providers in the private sector that is delivering service today to customers in the U.S. and around the world. We join the others in standing ready to fulfill the mandate of this new executive order.

We look forward to working with civil government officials and private sector leaders to implement solutions that provide uninterrupted access to PNT sources that strengthen the resilience of our national critical infrastructure.

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