

Mounted Assured PNT System OTA Award

ABERDEEN PROVING GROUND, MD – The Army has awarded the Mounted Assured Positioning, Navigation and Timing (PNT) System (MAPS) Other Transaction Authority (OTA) Phase Three to Collins Aerospace through the Consortium for Command, Control, and Communication in Cyberspace (C5). OTA Phase Three includes production maturation of the MAPS GEN II and begins combat platform integration in preparation for low rate initial production.

The award was the outcome of a down-select to one vendor as codified in Army Futures Command (AFC) MAPS Directed Requirement. MAPS GEN II includes Military-Code (M-Code), Alternate Navigation, anti-jam antenna, sensor fusion, inertial measurement unit, and PNT threat line of bearing.

"This is a big win for the Army and proof that AFC's mission to accelerate the development and fielding of modernized Soldier capabilities is working," said Willie Nelson, Director for the Assured Positioning, Navigation and Timing (APNT) Cross-Functional Team (CFT). "Less than a year after we equipped the first generation of MAPS in Europe we're already pushing forward with the development of GEN II. This award comes less than a month after our Mounted APNT requirement was approved. The timing could not be better."

"Soldier Touch Points from the 2nd Cavalry Regiment and 3rd Cavalry Regiment have been a critical component of the MAPS program delivering what Soldiers need," said Lt. Col. Alexander Rasmussen, Product Manager Mounted Assured PNT.

MAPS provides trusted PNT to Soldier mounted platforms, such as ground vehicles and munition systems, and has the ability to distribute PNT data to various systems directly and via a network, replacing the need for multiple global positioning system (GPS) devices on a single platform. The MAPS device includes non-GPS sensors, fusing GPS with Alternate Navigation and timing technologies to ensure accurate PNT that Soldiers can trust while operating in various threat or denied environments, when GPS is either weakened or compromised.

“MAPS fuses M-Code with multiple sensors to deliver Assured PNT to Soldiers in any Multi-Domain Operating environment,” said Rasmussen. “Prototyping under the MAPS OTA has enabled exceptional partnership with vendors, rapid integration of new technologies, and iterative “test-fix-test” cycles. This means we collectively learn faster and are able to accelerate capability to Soldiers.”