

U.S. Air Force Contracts Lockheed Martin To Continue GPS Ground Control System Sustainment

GPS Control Segment Sustainment II (GCS II) contract continues the modernization of the GPS Operational Control Segment (OCS)

COLORADO SPRINGS, Colo., January 9, 2019 – The U.S. Air Force awarded Lockheed Martin (NYSE: LMT) the GPS Control Segment Sustainment II (GCS II) contract to continue to sustain and further modernize the Global Positioning System (GPS) satellite constellation’s ground control system through 2025. This is the follow-on contract to Lockheed Martin’s current GCS contract awarded in 2013.

Under the GCS II contract, the continued upgrade of the GPS Architecture Evolution Plan Operational Control Segment (AEP OCS) will allow GPS’ legacy ground control system to support GPS III satellite on-orbit operations, developed under the [GPS III Contingency Operations \(COps\)](#) program. COps will enable the AEP OCS to support the positioning, navigation and timing missions of the Air Force’s new [GPS III](#) satellites, which began launching in 2018. In addition, GCS II will sustain the operational M-code capability being deployed in 2020 that is in development under the M-code Early Use (MCEU) contract. Operational M-code is a critical warfighter capability to support missions in contested environments.

Under the GCS contract, Lockheed Martin executed numerous engineering modifications to the OCS, including the COTS Upgrade 3(CUP3)/Ground Antenna Air Force Satellite Control Network (AFSCN) Interface Technology Refresh (GAITR) upgrade, the Remote Site COTS Network (RSCN) project, the [GPS Information Protection Reinforcement \(GIPR\)](#) project, [the COTS Upgrade #2 \(CUP2\)](#) project, and Red Dragon Cybersecurity Suite (RDCSS). These projects modernized the infrastructure, improved the cyber posture and added mission capability. The GCS II contract continues that commitment to evolving the OCS to address today’s mission needs.

Under GCS II, LM will continue to manage the technical baselines for the OCS and GPS Information Network (GIN) and regularly procure, develop, fabricate, integrate, test, and install software and hardware modifications into the GPS operational baseline. Focus areas will be performing a technical refresh of the GIN and increasing the resiliency of the OCS.

“Lockheed Martin’s experience integrating GCS projects as well as the system engineering and software integration performed on GPS III Contingency Operations (COps) and M-Code Early Use (MCEU) position us well to deliver GCS II,” says Maria Demaree, VP/GM Mission Solutions for Lockheed Martin Space. “We look forward to supporting the Air Force as it deploys the next generation GPS III satellites and their new capabilities for our warfighters.”

For additional GPS Ground Control System information, photos and video visit: <https://www.lockheedmartin.com/en-us/products/gps.html>.

About Lockheed Martin

Headquartered in Bethesda, Maryland, Lockheed Martin is a global security and aerospace company that employs approximately 100,000 people worldwide and is principally engaged in the research, design, development, manufacture, integration and sustainment of advanced technology systems, products and services.

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