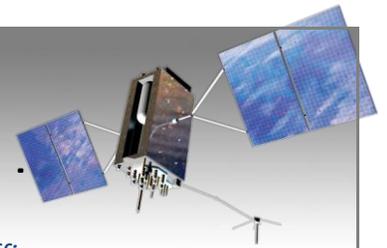


GPS

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Information for Policymakers from the National Coordination Office
for Space-Based Positioning, Navigation, and Timing (PNT)

January 2012

Congress Sets Final FY 2012 DoD Funding Levels for GPS Program

Last month, President Obama signed the appropriations (P.L. 112-74) and authorization (P.L. 112-81) acts for the Department of Defense. Both cut GPS III by \$5 million and the Next Generation Operational Control System (OCX) by \$24 million. The appropriations act also added \$40 million to GPS IIF. Moreover, both authorizers and appropriators rescinded \$122.5 million in FY 2011 advanced procurement funds at the request of the Air Force. This is due to a prior reprogramming that made the FY 2011 funds unnecessary. To view all FY 2012 GPS funding details, visit <http://www.gps.gov/policy/funding/2012/>.

FY 2012 Line Item	Request	Authorized	Appropriated
Procurement: GPS IIF Satellites	\$67.689 million	\$67.689 million	\$107.689 million
Procurement: GPS III Satellites	\$515.337 million	\$515.337 million	\$515.337 million
Procurement: Ground Segment Equipment	\$7.6 million	\$7.6 million	\$7.6 million
Development: GPS IIF and Control Segment	\$17.893 million	\$17.893 million	\$17.893 million
Development: GPS III Satellites	\$463.081 million	\$458.081 million	\$458.081 million
Development: Next Generation Control Segment	\$390.889 million	\$366.889 million	\$366.889 million
TOTAL	\$1.462 billion	\$1.433 billion	\$1.473 billion

Signed Legislation Highlights Concerns Over LightSquared-GPS Interference

P.L. 112-74 prohibits the Federal Communications Commission (FCC) from using FY 2012 funds to remove the conditions in LightSquared's January 2011 authorization, or to otherwise permit commercial LightSquared operations, until the FCC has resolved GPS interference concerns. Similarly, P.L. 112-81 forbids the FCC from approving LightSquared operations until the FCC has resolved concerns of widespread harmful interference to military GPS devices. P.L. 112-81 further requires DoD to conduct a review every 90 days for the next two years on whether commercial communications services interfere with military GPS receivers, and to notify Congress if such is the case. For further details about the LightSquared-related legislation, visit <http://www.gps.gov/policy/legislation/lightquared/>.

Federal Officials: LightSquared's Plans Would Cause Harmful Interference to Many GPS Receivers

On January 13, the National Executive Committee for Space-Based PNT issued a letter on the results of GPS interference testing based on LightSquared's original and modified plans for its proposed mobile network. Specifically, the letter states that, "Based upon this testing and analysis, there appear to be no practical solutions or mitigations that would permit the LightSquared broadband service, as proposed, to operate in the next few months or years without significantly interfering with GPS." The test data providing the basis for the recommendation will be sent to the National Telecommunications and Information Administration (NTIA) in the coming days. To view the signed letter online, go to <http://www.gps.gov/news/2012/01/lightquared/>.



SPACE-BASED POSITIONING
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