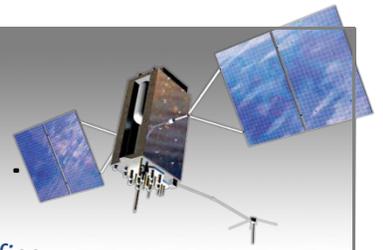


GPS

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

June 2013

House Appropriators Propose \$87M in Cuts to Air Force GPS Budget in FY 2014

The House Appropriations Committee passed its fiscal year 2014 defense spending bill on June 12, cutting \$87.163 million from the President's request. For additional details, visit www.gps.gov/policy/funding/2014.

FY 2014 Line Item	Request	Committee Mark	Difference
Procurement: GPS IIF Satellites	\$55.997 million	\$55.997 million	0
Procurement: GPS III Satellites	\$477.598 million	\$433.431 million	-\$44.167 million
Development: GPS III Satellites	\$221.276 million	\$206.276 million	-\$15 million
Development: Next Gen. Operational Control System	\$383.500 million	\$365.500 million	-\$18 million
Development: Military GPS User Equipment	\$137.233 million	\$127.233 million	-\$10 million
Total	\$1.2756 billion	\$1.188437 billion	-\$87.163 million

House Authorizers Recommend Full Funding for GPS

The House Armed Services Committee passed the National Defense Authorization Act for Fiscal Year 2014 (H.R. 1960) with full funding for the Air Force GPS budget. The bill requires congressional notification of all foreign disruptions of national security space capabilities, including GPS. The committee report also makes recommendations to DOD and the Air Force on GPS military user equipment. Senate authorizers passed their version of the bill last week, but the funding marks are not yet available. Find more at www.gps.gov/policy/funding/2014.

Air Force Lofts Fourth GPS IIF Satellite into Orbit



On May 15, the Air Force successfully launched a new GPS satellite into orbit. It is the fourth of twelve GPS Block IIF satellites supporting GPS modernization, and the first launched on an Atlas V rocket. The IIF series includes a third civilian GPS signal for increased reliability and accuracy. Learn more about GPS modernization at www.gps.gov/systems/gps.

New Contact Address for GPS Inquiries

The National Coordination Office has moved to GPS.GOV for its email addresses. To request information about GPS or schedule a briefing on GPS modernization and funding, please contact Steve Sidorek at his new address, steven.sidorek@gps.gov. All PNT.GOV email addresses will stop working in July 2013, so please update your address books.

Application Spotlight: Weather Forecasting

GPS is essential to modern weather forecasting, helping protect lives and property from tornadoes, hurricanes, and other severe weather. NOAA's National Weather Service uses GPS to time-stamp and georeference diverse instrument readings from across the nation so they can be ingested into common forecasting models.

GPS helps NOAA collect wind speeds on weather balloons and on sensors dropped into hurricanes. It helps measure tidal heights and detect tsunamis.

Weather satellites depend on GPS for orbit determination. In addition, some satellites use GPS Radio Occultation sensors to measure how GPS signals bend as they pass through the atmosphere, yielding global measurements of atmospheric pressure, temperature, and moisture.



SPACE-BASED POSITIONING
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NATIONAL COORDINATION OFFICE

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