



SPACE-BASED POSITIONING
NAVIGATION & TIMING
NATIONAL COORDINATION OFFICE

Improving GPS.gov

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Vision: GPS.gov as Central Pillar of U.S. GPS Outreach Campaign



- Promote positive U.S. message that builds public confidence and trust in GPS
- Provide up-to-date information and official USG response to news events
- Dispel myths, correct misinformation
- Offer one-stop portal for information
- Reduce need for printed outreach materials
- Engage GPS stakeholders

Partnership between NCO and NAVCEN/CGSIC



The New GPS.gov



- **Launched March 2011**
- **Enhanced user interface**
 - Drop-down navigation bar
 - Customized homepages for key audiences
 - Search engine
 - Fresh, dynamic graphics
- **New content**
 - Monthly feature stories
 - U.S. policy and funding information
 - Frequently asked questions
 - Images, videos, exhibit information



Homepage for General Public



The screenshot shows the homepage of GPS.gov with several red boxes highlighting specific areas:

- Language Selection:** A box highlights the language menu at the top right, which includes options for English, Español, Français, 中文, and عربي.
- Navigation Menu:** A box highlights the main navigation bar with links for HOME, WHAT'S NEW, SYSTEMS, APPLICATIONS, POLICY & FUNDING, MULTIMEDIA, and SUPPORT.
- Left Sidebar:** A box highlights a vertical menu with links for "For General Public", "For News Media", "For Congress", "For Internationals", and "For Professionals".
- Central Banner:** A box highlights a large banner featuring a map and the text "Lost Satellite Reception" and "Did You Know? GPS Jamming Is Illegal".
- Policy & Funding Menu:** A box highlights a dropdown menu for "POLICY & FUNDING" with sub-links: U.S. Policy Overview, Federal Agencies, International Cooperation, Interference Mitigation, Legislation, Program Funding, and Congressional Homepage.
- Article Preview:** A box highlights a preview of an article titled "The FCC is clamping down on the marketing, sale, and use of illegal cellphone and GPS jamming devices..." with a "READ MORE..." button.
- Video Player:** A box highlights a video player for "On Target with GPS" from NASA/Air Force, showing a scene at the Goddard Space Flight Center.
- Right Column:** A box highlights a vertical stack of three content blocks: "GPS User Support", "What is GPS?", and "Frequently Asked Questions".
- Bottom Section:** A box highlights a section titled "Welcome to the New GPS.gov" with a "SEND COMMENTS..." button, and another box highlights a "visit the Traveling GPS Exhibit!" section for "The GPS Adventures Arkansas exhibit".



Homepage for Congress



The screenshot shows the homepage for Congress on the GPS.gov website. The browser address bar displays "www.gps.gov/congress/". The main header features the "GPS.gov Beta" logo and the text "Official U.S. Government information about the Global Positioning System (GPS) and related topics". A search bar is located on the right side of the header.

The navigation menu includes: HOME, WHAT'S NEW, SYSTEMS, APPLICATIONS, POLICY & FUNDING, MULTIMEDIA, and SUPPORT. The "HOME" link is highlighted.

On the left side, there are links for: For General Public, For News Media, For Congress, For Internationals, and For Professionals.

The central focus is a large blue banner for the "FISCAL YEAR 2012 BUDGET OF THE U.S. GOVERNMENT". To the right of the banner, a text block states: "We've identified every line item in the President's FY 2012 budget request related to GPS satellites and augmentations, including programs at the Air Force, FAA, and RITA. It's all right here on one page." Below this text is a "VIEW NOW..." button with a right-pointing arrow.

Below the banner, there are three main content areas:

- Track FY 2011 GPS Program Funding Status at PNT.gov...**
- Existing Legislation Related to GPS**
- National Policy on GPS** (with an image of an eagle)

Stories of Interest to Capitol Hill

Studies Under Way on Potential GPS Interference from Broadband Wireless System

(Mar 1) On January 26, the FCC gave permission to LightSquared Subsidiary LLC to reuse its authorized "L-band" satellite spectrum to build out a ground-based, wireless broadband network. The base stations would transmit high-power signals in frequencies immediately adjacent to the GPS signals.

Prior to the FCC action, several federal agencies and industry groups expressed concern about potential interference to millions of existing GPS users. The FCC has ordered the company to organize a working group involving the GPS community to identify measures to prevent harmful interference to GPS. Independently, the government's

Downloadable Newsletters

The newsletter preview shows the "GPS" logo and the text "March Issue | View All".

Background Papers

- Civil GPS Funding
- GPS Modernization



Homepage for Professionals – You!



The screenshot shows the homepage for GPS.gov Professionals. The browser address bar displays www.gps.gov/pros/. The page features a navigation menu with links for HOME, WHAT'S NEW, SYSTEMS, APPLICATIONS, POLICY & FUNDING, MULTIMEDIA, and SUPPORT. A search bar is located in the top right corner.

The main content area includes a "Beta" badge and the text "Official U.S. Government information about the Global Positioning System (GPS) and related topics". A central banner reads "Welcome GPS Experts, Developers, and Professional Users".

On the left side, there is a sidebar with links for "For General Public", "For News Media", "For Congress", "For Internationals", and "For Professionals".

Key sections highlighted with red boxes include:

- Next ICWG Meeting**: April 28, 2011, SAIC Facility, El Segundo, California. [LEARN MORE...](#)
- Documentation**:
 - Interface Specifications
 - IS-GPS-200
 - IS-GPS-705
 - IS-GPS-800
 - IS-GPS-870
 - Performance Standards
 - SPS
 - PPS
- Get Involved!**: A section for professional GPS users, including a link to the **Civil GPS Service Interface Committee (CGSIC)**.
- GPS User Support**: A section for user support.
- President's GPS Budget Request for FY 2012**: A section for the budget request.
- U.S. Policy on GPS**: A section for U.S. policy.

A text box on the right states: "This page is designed to help you find the latest technical data and other detailed information. This is still a work in progress, and we welcome your ideas on how to make it more useful." Below this text is a [SEND COMMENTS...](#) button.



Technical Documentation



The screenshot shows a web browser window displaying the GPS.gov website. The browser's address bar shows 'www.gps.gov/technical/'. The website header includes the 'GPS.GOV' logo and the tagline 'Official U.S. Government information about the Global Positioning System (GPS) and related topics'. A navigation menu is visible with links for HOME, WHAT'S NEW, SYSTEMS, APPLICATIONS, POLICY & FUNDING, MULTIMEDIA, and SUPPORT. The 'SUPPORT' link is highlighted in orange. Below the navigation menu, the page title is 'Home » Technical Documentation'. The main content area is titled 'Technical Documentation' and contains an introductory paragraph stating that it is the official policy of the U.S. government to provide open, free access to the information necessary to develop and build equipment to use the civil services of GPS and its augmentations. Below this, there are four sections with blue headers: 'INTERFACE CONTROL DOCUMENTS', 'PERFORMANCE STANDARDS & SPECIFICATIONS', 'FEDERAL RADIONAVIGATION PLAN', and 'SEMI-CODELESS/CODELESS GPS ACCESS COMMITMENTS'. Each section has a brief description and a 'VIEW...' link. On the left side of the page, there is a 'SUPPORT:' section with links for 'GPS User Support', 'Frequently Asked Questions', 'Civil GPS Service Interface Committee', and 'Technical Documentation' (which is highlighted in orange). Below this is a list of links: 'Interface Control Documents', 'Performance Standards & Specifications', 'Federal Radionavigation Plan', 'Semi-Codeless/Codeless GPS Access Commitments', and 'Website Feedback'. At the bottom of the left sidebar, there is an 'ACTIONS:' section with links for 'Share this page via Facebook, Twitter, etc.' and 'Comment on'.



ICWG Meeting Information



The screenshot shows a web browser window with the URL www.gps.gov/technical/icwg/meetings/2011/04/28/. The page header includes the GPS.GOV logo and the text "Official U.S. Government information about the Global Positioning System (GPS) and related topics". A navigation menu contains links for HOME, WHAT'S NEW, SYSTEMS, APPLICATIONS, POLICY & FUNDING, MULTIMEDIA, and SUPPORT. The breadcrumb trail reads: Home » Technical Documentation » Interface Control Documents » Public ICWG Meetings » April 28, 2011.

ICWG MEETINGS:

- April 28, 2011**
- March 10, 2010
- February 12, 2010
- October 5, 2009
- October 1, 2009
- September 29, 2009
- November 19, 2008
- November 18, 2008

ACTIONS:

- Share this page via Facebook, Twitter, etc.
- Comment on this page
- Get help and support

Public ICWG Meeting

April 28, 2011

Meeting Announcement

Documents Distributed Prior to Meeting:

- [DRAFT ICD-GPS-870A](#)
- [DRAFT ICD-GPS-870A Redline](#)
- [DRAFT ICD-GPS-870A "Was/Is" Matrix](#)
- [DRAFT ICD-GPS-870A Comment Form](#)

Some links on this page lead to content in the Portable Document Format (PDF) and may require you to install PDF software. [GET SOFTWARE...](#)

This page was updated on March 14, 2011. This U.S. government website has been developed by the National Coordination Office for Space-Based Positioning, Navigation, and Timing and the Civil GPS Service Interface Committee. It is hosted by the Coast Guard Navigation Center. Disclaimer & privacy policy. Contact webmaster.



Budget Information



The screenshot shows a web browser window with the URL www.gps.gov/policy/funding/2012/. The page header includes the GPS.GOV logo and the text "Official U.S. Government information about the Global Positioning System (GPS) and related topics". A navigation menu highlights "POLICY & FUNDING". The breadcrumb trail reads "Home » Policy & Funding » Program Funding » FY 2012 » President's Budget Request".

POLICY & FUNDING:

- U.S. Policy Overview
- Federal Agencies
- International Cooperation
- Interference Mitigation
- Legislation
- Program Funding
 - FY 2012 Budget Request**
 - FY 2011 Budget Request
 - FY 2010 Funding
 - FY 2010 Budget Request
 - FY 2009 Funding
- Congressional Homepage

ACTIONS:

- Share this page via Facebook, Twitter, etc.
- Comment on

President's Budget Request for FY 2012

On February 14, 2011, the Obama Administration submitted its budget request to Congress for Fiscal Year 2012.

The President has requested over \$1.5 billion for the core GPS program, including funding from both the Departments of Defense and Transportation.

The President's budget would also fund various GPS augmentation systems at the levels indicated below.

This page provides reference links to budget documents at other government websites. Some links on this page lead to content in the Portable Document Format (PDF) and may require you to install PDF software. [GET SOFTWARE... ➔](#)

On this page:

- Department of Defense
- Department of Transportation
- Department of Homeland Security

Department of Defense

\$1.462 billion for procurement and development of the **Global Positioning System (GPS)**, including:

- \$17.893 million for GPS IIF and Operational Control Segment (OCS) development via Appropriation 3600F (Research, Development, Test & Evaluation, Air Force), Line Item No. 193 / Program Element 0305165F, "NAVSTAR GPS (Space)" [VIEW SOURCE... ➔](#)
- \$463.081 million for GPS IIIA satellite development via Appropriation 3600F (Research, Development, Test & Evaluation, Air Force), Line Item No. 207 /



Future Additions



- **General information**
 - GPS modernization
 - Space, control, and user segments
 - Constellation status
 - GPS performance data
 - Tutorials on how GPS and augmentations work
 - More applications (user-generated/wiki?)
 - Reference documents and links
- **Professionals homepage**
 - Recent releases from PNT.gov
 - Calendar of events
 - **What can we add to make it more useful to you?**



Please Send Comments & Suggestions



The screenshot shows a web browser window at www.gps.gov/pros/. The page content includes:

- Interface Control Working Group (ICWG)**: The ICWG serves as a forum to develop and provide technical GPS interface requirements, as well as focus on interface detail definition and issues. [LEARN MORE...](#)
- National Space-Based PNT Systems Engineering Forum (NPEF)**: The NPEF consists of engineers and other experts from across the U.S. government. It conducts assessments and makes recommendations on technical issues as tasked by the National Executive Committee for Space-Based PNT. The NPEF accepts external inputs on issues impacting commercial GPS interests. [LEARN MORE...](#)
- National Space-Based PNT Advisory Board**: This federal advisory committee consists of experts from outside the U.S. government who provide advice on U.S. space-based PNT policy, planning, program management, and funding profiles. Their meetings are open to the public. They may establish subcommittees and task forces involving experts beyond their core membership. [LEARN MORE...](#)
- www.PNT.gov**: Our sister site is the website of the National Coordination Office for Space-Based Positioning, Navigation, and Timing. It publishes official news items, presentations, and other materials of interest to GPS professionals. It also provides frequent updates on GPS program funding in Congress. [GO THERE...](#)

On the left side, there is a navigation menu with items like SPS, PPS, WAAS, Civil Monitoring, Federal Radionavigation Plan, and Semi-Codeless/Codeless GPS Access Commitments. Below the menu are social media sharing options: 'Share this page via Facebook, Twitter, etc.', 'Comment on this page' (highlighted with a red box), and 'Subscribe to RSS feed'. A sidebar on the right contains a section titled 'Looking for Info on LightSquared?' with a brief description and a 'GO THERE...' link.

At the bottom, a footer contains the logo for the National Executive Committee for Space-Based Positioning, Navigation, and Timing, a date update notice (March 16, 2011), and a disclaimer: 'This page was updated on March 16, 2011. This U.S. government website has been developed by the National Coordination Office for Space-Based Positioning, Navigation, and Timing and the Civil GPS Service Interface Committee. It is hosted by the Coast Guard Navigation Center. Disclaimer & privacy policy. Contact webmaster.' There is also a small circular seal on the right side of the footer.