Improving GPS.gov

Maureen Walker
April 27, 2011
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

Welcome to the New GPS.gov

We recently redesigned this website to be more up to date and user friendly. Please let us know if you find any broken links, bugs, or usability problems.

We welcome your ideas on ways to improve the content and organization of the site to better serve you.

Visit the Traveling GPS Exhibit!

The GPS Adventures Arkansas exhibit is open to the public at the National Air and Space Museum, Steadfast Hall, in the National Mall, Washington, D.C.

Frequently Asked Questions

GPS User Support

What is GPS?

Lost Satellite Reception

Did You Know? GPS Jamming isn’t Legal

The FCC is clamping down on the marketing, sale, and use of illegal cellphone and GPS jamming devices. Despite some marketers’ claims, consumers cannot legally use cell and GPS jammers within the United States.

READ MORE...
Homepage for Congress

FISCAL YEAR 2012
BUDGET
OF THE U.S. GOVERNMENT

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

March Issue | View All

Background Papers
- Civil GPS Funding
- GPS Modernization
Homepage for Professionals – You!

Welcome GPS Experts, Developers, and Professional Users

Get Involved!

As a professional GPS user, your livelihood depends on the government's continued funding, operation, maintenance, enhancement, and modernization of the Global Positioning System.

In your interest to follow and participate in these processes to make sure the government meets your needs, here are a few ways to do that.

Civil GPS Service Interface Committee (CGSIC)
The CGSIC meets annually and is open to anyone interested in civil GPS issues. Information from CGSIC members and meetings is provided to U.S. GPS authorities for consideration in GPS policy development and GPS service operation.

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

GPS User Support

President's GPS Budget Request for FY 2012

U.S. Policy on GPS
Technical Documentation

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. LEARN MORE... ⇒

This section of the website provides easy access to all of the relevant technical documentation. Some links on this page lead to content in the Portable Document Format (PDF) and may require you to install PDF software. GET SOFTWARE... ⇒

INTERFACE CONTROL DOCUMENTS
These documents provide detailed information on the civil GPS signals and codes broadcast at the L1, L2, and L5 frequencies. Enter to access current versions of the GPS Interface Specifications, as well as information about ongoing efforts to update the documents through the Interface Control Working Group (ICWG). VIEW... ⇒

PERFORMANCE STANDARDS & SPECIFICATIONS
These documents specify the levels of technical performance that users can expect from GPS and related systems. Enter to access current and past versions of the performance standards for the civil GPS service (SPS), military GPS service (PPS), Wide Area Augmentation System (WAAS), and U.S. GPS monitoring capabilities. VIEW... ⇒

FEDERAL RADIONAVIGATION PLAN
The Federal Radionavigation Plan (FRP) is the official source of radionavigation policy and planning for the federal government. It covers both terrestrial and space-based components.

SEMI-CODELESS/CODELESS GPS ACCESS COMMITMENTS
These documents describe U.S. government commitments to support semi-codeless/codeless civil access to the current GPS.
ICWG Meeting Information

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...
Budget Information

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.

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)"
- $463.081 million for GPS IIA 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