Civil GPS Service Interface Committee (CGSIC)

Rudy Persaud
USDOT / Federal Highway Administration
June 5, 2007
Outline

• GPS Management Structure
• Civil GPS Service Interface Committee
• Relationship with the GPS Operations Center (GOC)
• Navigation Information Service
New PNT Management Structure

National Positioning, Navigation, & Timing (PNT)
Executive Committee

National PNT Executive
Secretariat

DOD PNT
Executive Committee

DHS PNT
Executive Committee

DOT PNT
Executive Committee

GPS International
Working Group

Civil GPS Service
Interface Committee

GPS Interagency
Advisory Council
Civil GPS Service Interface Committee


Meets once a year in plenary session

Subcommittees:

- International
- Timing
- U.S. States and Localities
Civil GPS Service Interface Committee

Chair, OST/P-50
Deputy Chair
CO, NAVCEN
Intl. Deputy Chair

Subcommittees
• International
• Timing
• U.S. States & Localities

General Membership

Board
Aviation
Land
Marine
GIAC
Subcommittee
Chairs
State
Civil GPS Service Interface Committee

• Represent civil interests in GPS management and operations decisions

• Collect civil user requirements for GPS

• Collect information from users for GPS authorities (DOT Policy Office, GPS JPO)

• Support the PNT and DOT Policy Office (OST-P)
The Core

Established in DOT/DoD MOA, Annex 3

Detailed MOA’s between each organization

USCG NIS
FAA NOCC
USSPC GOC

Joint GPS User Support Service
NAVCEN Liaison to GOC

• Work with DOD to safeguard civil interests in GPS satellite ops and maintenance.

• Provide civil liaison to the GPS Operations Center

• Coordinate issue resolution between GPS user and service provider

• Support civil users in resolving outages by facilitating outage reports, coordinating resolution and findings, and disseminating results
Navigation Information Service

• Disseminate Information on GPS, DGPS, Loran-C, Maritime Safety, Maritime Communications, & Local Notice to Mariners
• Operational Advisory Broadcast Service
• 24 Hour P.O.C.
• Maintain Library of Radionav Pubs, Handbooks, Materials
• 600,000 Inquiries Per Month Via Internet, E-Mail/List Server, Phone, and Mail
• Collection point for GPS Outage Reporting
NAV CEN Contact Information

Navigation Information Service

http://www.navcen.uscg.gov
http://www.navcenter.org/ (mirror site)

E-mail: nisws@navcen.uscg.mil
Phone:  +1 703 313 5900
Fax:      +1 703 313 5920

Civil GPS Service Interface Committee Secretariat
E-mail: rcasswell@navcen.uscg.mil
FHWA Contact Information

Tuner-Fairbank Highway Research Center

http://www.tfhrc.gov

E-mail: rudy.persaud@fhwa.dot.gov
Phone: +1 202 493 3391
Fax: +1 202 493 3419

Chair State and Local Government Subcommittee of the Civil GPS Service Interface Committee