Civil GPS Service Interface Committee (CGSIC)

State and Local Government Subcommittee

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CGSIC Executive Secretariat
Sacramento, CA
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Outline

• Space-Based PNT Management Structure
• Civil GPS Service Interface Committee
• Relationship with the GPS Operations Center (GOC)
• Navigation Information Service
National Space-Based PNT Organization Structure

WHITE HOUSE

NATIONAL EXECUTIVE COMMITTEE FOR SPACE-BASED PNT
Executive Steering Group
Co-Chairs: Defense, Transportation

NATIONAL COORDINATION OFFICE
Host: Commerce

GPS International Working Group
Chair: State

Engineering Forum
Co-Chairs: Defense, Transportation

Ad Hoc Working Groups

ADVISORY BOARD
Sponsor: NASA
Civil PNT Coordination

 Secretary of Transportation

DOT Pos/Nav Executive Committee
Chair: OST/S-3  ExecSec: RITA
FAA  FHWA  FMCSA  FRA
FTA  MARAD  NHTSA  PHMSA
RITA  SLSDC

DOT Pos/Nav Working Group
Chair: RITA

DOT Extended Pos/Nav Executive Committee
Chair: OST/S-3  ExecSec: RITA
DOT  DHS  DOC
DOI  JPDO  NASA
DOS  USCG  USDA

DOT Extended Pos/Nav Working Group
Chair: RITA

CGSIC
Chair: RITA
Deputy Chair: USCG
Civil GPS Service Interface Committee

Chair, DOT/RITA
Deputy Chair
CO, NAVCEN
Intl. Deputy Chair

Board
• Aviation
• Land
• Marine
• State
• Subcommittee Chairs

Subcommittees
• International
• Timing
• U.S. States & Localities
• Surveying, Mapping, and Geo-Sciences

General Membership

CGSIC is the World-Wide Forum Between Civil GPS Users and U.S. Government Service Providers
Civil GPS Service Interface Committee


Meets once a year in plenary session and once in an international session

Subcommittees:

- International
- Timing
- U.S. States and Localities
- Surveying, Mapping, and Geo-Sciences
Civil GPS Service Interface Committee

• Represent civil interests in GPS management and operations decisions

• Collect civil user requirements for GPS

• Collect information from users of GPS

• Support U.S. Space-Based PNT Policy
Joint GPS User Support Service

Detailed MOA’s between each organization
NAVCEN Liaison to GPSOC

• 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

• 24 Hour P.O.C.
• Disseminate Information on GPS, DGPS, Maritime Safety, Maritime Communications, & Local Notice to Mariners
• Operational Advisory Broadcast Service
• Maintain Library of Radio-navigation Publications, Handbooks, Materials
• 600,000 Inquiries Per Month Via Internet, E-Mail/List Server, Phone, and Mail
• Collection Point for GPS Outage Reporting
U.S. States & Local Government Subcommittee Charter

To provide an open forum for civil user information exchange concerning the use of GPS by state and local governments within the U.S. recommending appropriate action on those issues which concern their user needs.

To identify the common needs of state and local governments for GPS information, respond to such requests and concerns submitted by this user community, and forward issues to the full CGSIC.

Identify information requirements and methods to distribute this information to state and local government users of GPS,
Charter (continued)

To maintain a list of active points of contact in state and local governments which support CGSIC activities.

To conduct state and local government GPS information studies on civil user needs.
NAVCEN 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: rick.hamilton@uscg.mil
FHWA Contact Information

Tuner-Fairbank Highway Research Center

http://www.tfhrc.gov

Rudy Persaud
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
Questions ?