Two issues CGSIC is working with regard to dissemination of information to the public

• Testing on GPS Frequencies

• Truck routing guides/mapping issues
Testing on GPS Frequencies

• Notifications somewhat misleading
• Currently only advertise the center point of the test
• Accurate for aviation but misleading to users on the ground
• In order to better serve the public, changes are being considered
LightSquared testing in Nevada from FAA Notice to Airman (NOTAM)
Testing has been approved on GPS frequencies used by position, navigation and timing systems to be conducted in the vicinity of position 37.8063 N, 115.7520W from 12 Jul 2011 – 22 July 2011 daily between 0500Z – 1100Z. Electronic systems that rely on GPS, including E-911, AIS, and DSC, may be affected out to 275NM of the test site depending on terrain and/or altitude. Please see the NAVCEN page for graphics that better describe the testing footprint. Advance notification will also be provided at the NAVCEN website 14 days and 72 hours prior to any testing event. During scheduled testing periods, GPS users are encouraged to report any service degradation by calling 703-313-5900 or by using the "GPS Report-A-Problem Worksheet" at www.navcen.uscg.gov."
More representative graph for users on the ground based on terrain
Truck Routing/Mapping Issues

• Large trucks more frequently driving into residential and off-road conditions based on directions from recreational GPS devices

• Paving narrows bridge clearances over time

• No national standard for routing of vehicles over a certain weight or size
Only the tree kept him from falling 80-100 meters down a cliff.
Stuck for 5 days
On to a foot path in a waterfront park
Citizen Action Groups
Down a dirt road more suitable for farm tractors
Where are States Trying to Get to?

- GPS Enforcement of Designated Truck Routes
  - Illinois State Legislature required study
  - Illinois DOT study makes eight recommendations for truck GPS systems
    - Vertical clearance
    - Weight restrictions
    - Communications and enforcement of truck GPS systems
NAVcen Contact Information

• Navigation Information Service

• [http://www.navcen.uscg.gov](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