Nationwide DGPS Project Status
NAVCEN Mission Statement

The Coast Guard Navigation Center promotes safe, secure, and efficient transportation on United States’ waterways by providing:

- Operational and technical support for electronic navigation systems
- Quality positioning, navigation and timing signals
- Accurate and timely waterways information services.

LORAN NDGPS DGPS NAIS
Maritime Information Operations Center

24/7 Operation of the following:

- Web based Information Services.
- Navigation Information Service.
- GPS Civil Interface.
- DGPS Monitor & Control.
- LORAN Monitor & Control.
- Inland River Vessel Movement Center.
- Nationwide Automatic Information System.
Command Overview

Commanding Officer
CAPT Edwin Thiedeman

Command Master Chief
CMC Neil Orthober

Executive Officer
CDR Scott McCartney

Administrative Assistant
Ms. Denise Bernard-Moore

Operations Division
CDR Joseph Chop
NIS Watch, DGPS/NDGPS Watch, LORAN Watch, IRVMC Watch, NAIS Watch, LRIT Watch, DIMEO, INFO Services

Strategic Planning & Support Division
LT Luke Byrd
Administrative Assistance, HR, QA, Planning, Financial Management, Inventory Control, Supply and Procurement

Systems Support Division
Mr. Gene Schlechte
System Support for GPS, DGPS, NDGPS, LORAN, IRVMC, NAIS, LRIT, and Waterways Systems Analysis

NAVCEN Liaison
at the GPSOC Schriever, AFB (OSC Billet)

COCO E/W
MIOC Alexandria, VA
NAVDET Petaluma, CA

U.S. Department of Homeland Security
United States Coast Guard

Command Duty Officer

July 10, 2009
Worldwide DGPS Coverage
Nationwide DGPS
Coverage Planning & Verification

July 10, 2009
DOT DGPS Project Status Report
- Prepping a Site
  - Finding Candidate Property
  - Conduct A Site Assessment
  - Completion Of An Environmental Site Assessment (FONSI)
  - Completion Of A Real Property Survey
  - Completion Of The Installation Design Plan
Nationwide Single Coverage Goal

Initial Operational Capability (IOC) goal is 99% of continental United States with single coverage. Currently, 7 sites are still needed to achieve IOC. All advance preparation work has been finished or in progress for the remaining 7 sites.

- Bliss, ID (New Build)
- Tucson, AZ (New Build)
- Carlsbad, NM (New Build)
- Sage Junction, ID (New Build)
- Marshall, TX (New Build)
- Big Lake, TX (New Build)
- Patten, ME (New Build)
# NDGPS Construction Status

## FUNDED SITE PREPS.

<table>
<thead>
<tr>
<th>Site Name</th>
<th>Property Located</th>
<th>Site Assessment</th>
<th>Real Property Survey</th>
<th>Environmental Investigation</th>
<th>Installation Design Plan</th>
<th>Property Use Agreement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tucson, AZ</td>
<td>Complete</td>
<td>Complete</td>
<td>Complete</td>
<td>Complete</td>
<td>Awaiting Bore Samples</td>
<td>Complete within 15 days</td>
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<tr>
<td>Carlsbad, NM</td>
<td>Complete</td>
<td>Complete</td>
<td>Complete</td>
<td>Complete</td>
<td>Complete</td>
<td>Complete</td>
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<tr>
<td>Marshall, TX</td>
<td>Complete</td>
<td>Complete</td>
<td>Complete</td>
<td>Complete</td>
<td>Complete</td>
<td>RP Instrument pending w/TX GLO</td>
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<tr>
<td>Bliss, ID</td>
<td>Complete</td>
<td>Complete</td>
<td>Complete</td>
<td>Public Meeting</td>
<td>Complete</td>
<td>SF299 RP In Progress</td>
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<tr>
<td>Sage Junction, ID</td>
<td>Complete</td>
<td>Complete</td>
<td>Complete</td>
<td>Public Meeting</td>
<td>Complete</td>
<td>Complete within 60 days</td>
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<tr>
<td>Big Lake, TX</td>
<td>Complete</td>
<td>Complete</td>
<td>Complete</td>
<td>Complete</td>
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<td>Patten, ME</td>
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<td>Complete</td>
<td>Complete</td>
<td>Complete</td>
<td>Awaiting Bore Samples</td>
<td>Complete</td>
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</tbody>
</table>
Current Coverage Status
Effect of 7 IOC Sites On Coverage

Legend
- IOC Planned Site
- ACOE
- DOT Site
- USCG/Maritime Site

Homeland Security

July 10, 2009
Effect of 7 IOC Sites On Coverage
The primary means of information dissemination used by the NIS is the NAVCEN Website. It is the focal point of all NAVCEN data regarding GPS, DGPS LORAN, NAV Rules, NAIS, LRIT, IRVMC and much more.
The Navigation Center appreciates your reports regarding service degradations, outages, or other incidents or anomalies. Please answer the questions below. Some fields are required for submission, but all personal data will be kept private and will only be used to contact you in the event that we need more information or if clarification is required. Please be as complete as possible when reporting an incident. Thank you!

Privacy Information: The privacy of our customers has always been of the utmost importance to the Navigation Center. We have a long history of protecting your privacy and our concern for your privacy is no different in the electronic age. Our Internet privacy policy is:

- You do not have to give us personal information to visit our site.
- We will collect personally identifiable information (name, email address, telephone number) only if specifically and knowingly provided by you.
- Information is collected for informational purposes only and NAVCEN personnel sometimes will contact individuals for further information.
- We do not give, sell or transfer any personal information to third party.

* Denotes a required field

* Your Name: ____________________________

* Email Address: ________________________

* Telephone number: (use 10 digits only, i.e. 7033135900) ________________________

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