Nationwide DGPS
Project Status
NAVCEN Mission Statement

NAVCEN provides maritime navigation and information services that enhance the safety, security, and efficiency of U.S. waterways.

These services include:

- providing nationwide GPS augmentation signals
- tracking vessel movements for enhanced situational awareness
- publishing maritime advisories and related navigation information
- managing the Coast Guard's electronic chart portfolio
- receiving and coordinating investigation of GPS outage reports
Maritime Information Operations Center

24/7 Operation of the following:

• Web based Information Services.
• Navigation Information Service.
• GPS Civil Interface.
• DGPS Monitor & Control.
• Inland River Vessel Movement Center.
• Nationwide Automatic Information System.
COMMAND OVERVIEW

Commanding Officer
Captain Frank Parker

Command Master Chief
CMC Neil Orthober

Executive Officer
CDR Thomas Harrington

Administrative Asst.
Ms. Denise Moore

OPERATIONS DIVISION
CDR Randal Navarro
NIS Watch, DGPS Watch, NDGPS Watch, LRIT Watch, DIMEO, INFO Services

SYSTEMS & SUPPORT DIVISION
Mr. Gene Schlechte
System Support, GPS, DGPS, NDGPS, NAIS, LRIT, & Waterway Systems Analysis

STRATEGIC PLANNING & SUPPORT DIVISION
CWO Caicedo
Administrative Assistance, HR, QA, Planning, Financial Management, Inventory Control, Supply & Procurement

MIOC
Alexandria, VA

NAVCEN Liaison
At GPSOC, Shriever, AFB (OSC Billet)

August 24, 2011
Worldwide DGPS Coverage
Nationwide DGPS
Coverage Planning & Verification
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, 6 sites are still needed to achieve IOC.

All advance preparation work has been finished or in progress for the remaining 6 sites.

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

<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>
<th>Estimated Construction cost in FY 11</th>
<th>Lease Dates, Timelines and Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tucson, AZ</td>
<td>Complete</td>
<td>Complete</td>
<td>Complete</td>
<td>Awaiting Bore Samples and Eng Approval</td>
<td>Complete</td>
<td>Complete</td>
<td>$747,500.00</td>
<td>Bore Samples to be taken just before build.</td>
</tr>
<tr>
<td>Carlsbad, NM</td>
<td>Complete</td>
<td>Complete</td>
<td>Complete</td>
<td>Complete</td>
<td>Complete</td>
<td>Complete</td>
<td>$747,500.00</td>
<td></td>
</tr>
<tr>
<td>Marshall, TX</td>
<td>Complete</td>
<td>Complete</td>
<td>Complete</td>
<td>Complete</td>
<td>Completed</td>
<td>RP Instrument pending w/DOI FWS</td>
<td>$747,500.00</td>
<td>Updated drawings complete and being reviewed at CG level.</td>
</tr>
<tr>
<td>Bliss, ID</td>
<td>Complete</td>
<td>Complete</td>
<td>Complete</td>
<td>Complete</td>
<td>Complete</td>
<td>Complete</td>
<td>$747,500.00</td>
<td></td>
</tr>
<tr>
<td>Sage Junction, ID</td>
<td>Complete</td>
<td>Complete</td>
<td>Complete</td>
<td>Complete</td>
<td>Complete</td>
<td>Complete</td>
<td>$747,500.00</td>
<td>Lease expires 31 Dec 2031</td>
</tr>
<tr>
<td>Patten, ME</td>
<td>Complete</td>
<td>Complete</td>
<td>Complete</td>
<td>Complete</td>
<td>Complete</td>
<td>Complete</td>
<td>$747,500.00</td>
<td></td>
</tr>
</tbody>
</table>
IOC as of 8/1/2011
IOC UPON COMPLETION
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, NAV Rules, NAIS, LRIT, 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. 7033135800)
CWO Greg Sandness
Gregory.a.sandness@uscg.mil
703-313-5822