

Nationwide DGPS Project Status



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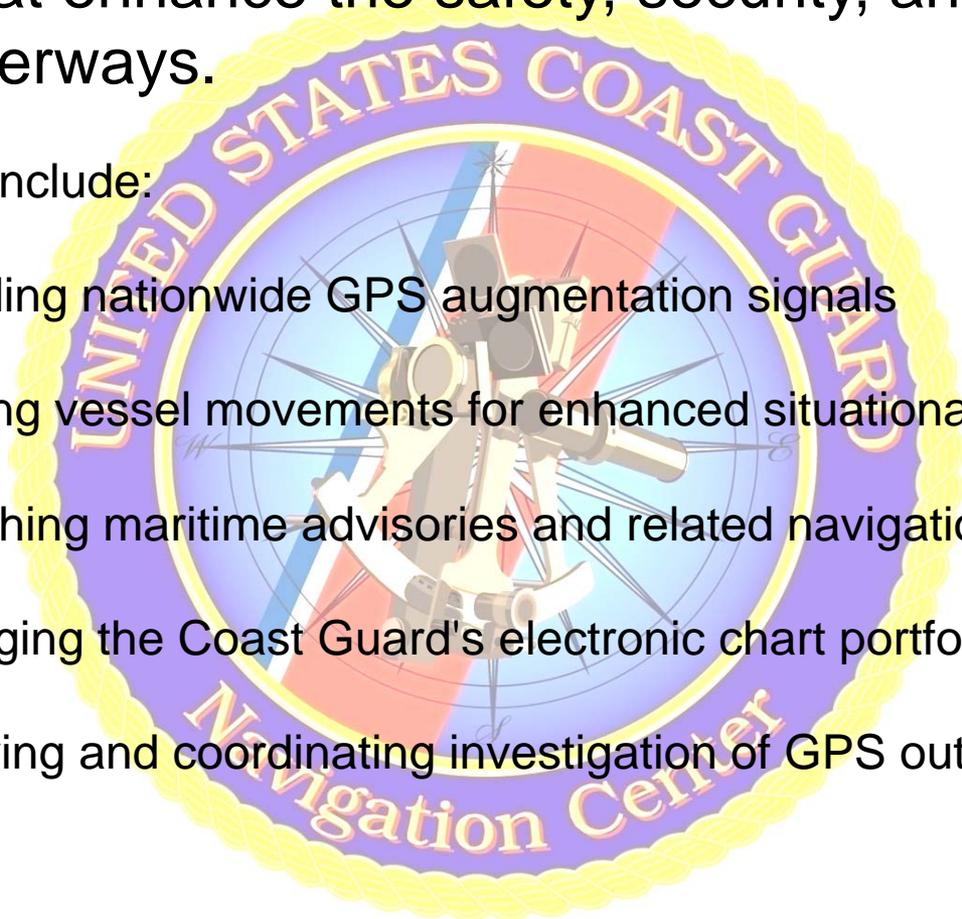


NAVCEN Mission Statement

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



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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.



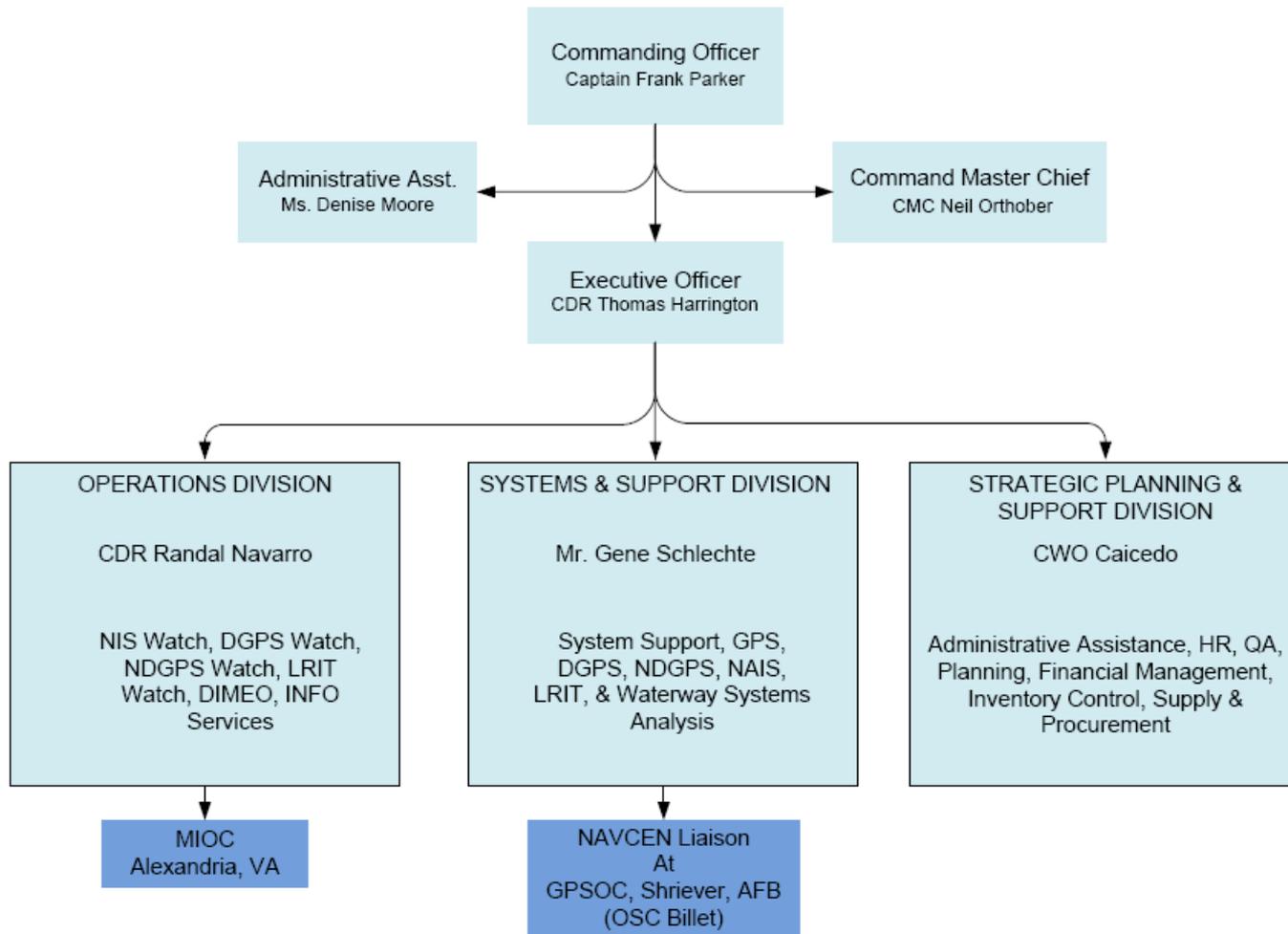
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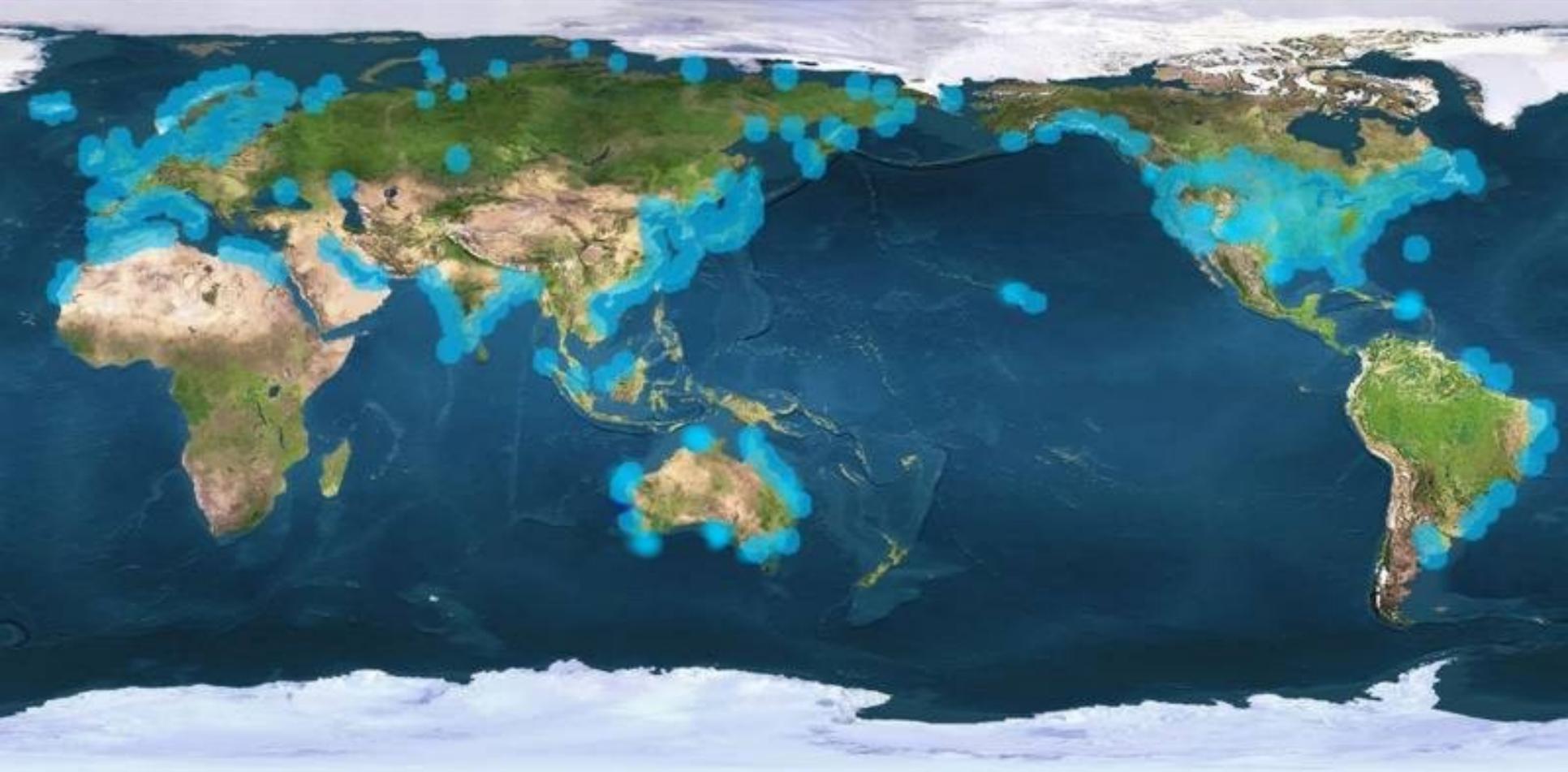
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COMMAND OVERVIEW



Worldwide DGPS Coverage



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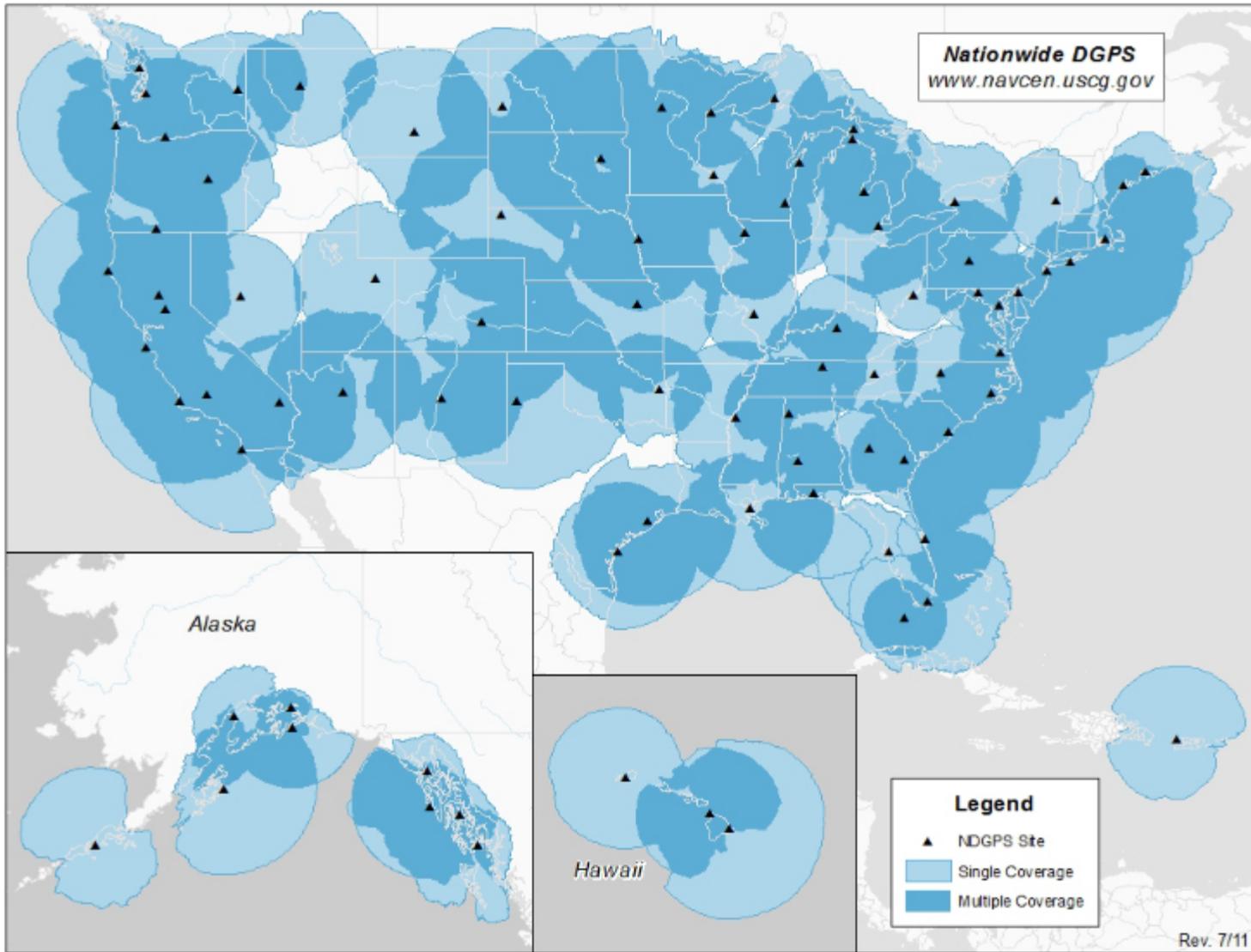




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Nationwide DGPS

Coverage Planning & Verification



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DOT DGPS Project Status Report



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■ 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)



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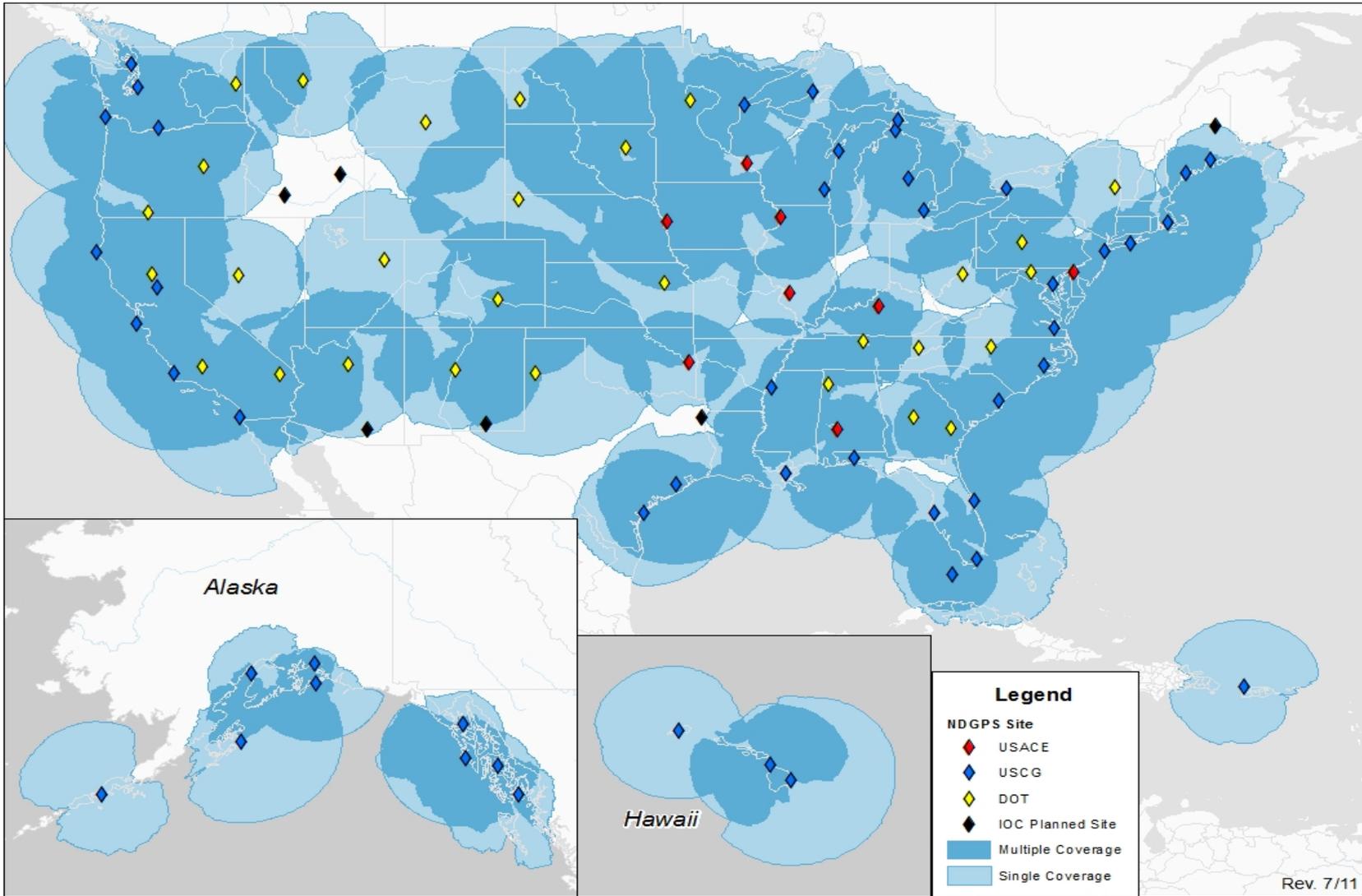


NDGPS Construction Status

FUNDED SITE PREPS.							FUNDS REQ.	
Site Name	Property Located	Site Assessment	Real Property Survey	Environmental Investigation	Installation Design Plan	Property Use Agreement	Estimated Construction cost in FY 11	Lease Dates, Timelines and Cost
Tucson, AZ	Complete	Complete	Complete	Complete	Awaiting Bore Samples and Eng Approval	Complete	\$747,500.00	Bore Samples to be taken just before build.
Carlsbad, NM	Complete	Complete	Complete	Complete	Complete	Complete	\$747,500.00	
Marshall, TX	Complete	Complete	Complete	Complete	Completed	RP Instrument pending w/DOI FWS	\$747,500.00	Updated drawings complete and being reviewed at CG level.
Bliss, ID	Complete	Complete	Complete	Complete	Complete	Complete	\$747,500.00	
Sage Junction, ID	Complete	Complete	Complete	Complete	Complete	Complete	\$747,500.00	Lease expires 31 Dec 2031
Patten, ME	Complete	Complete	Complete	Complete	Complete	Complete	\$747,500.00	



IOC as of 8/1/2011

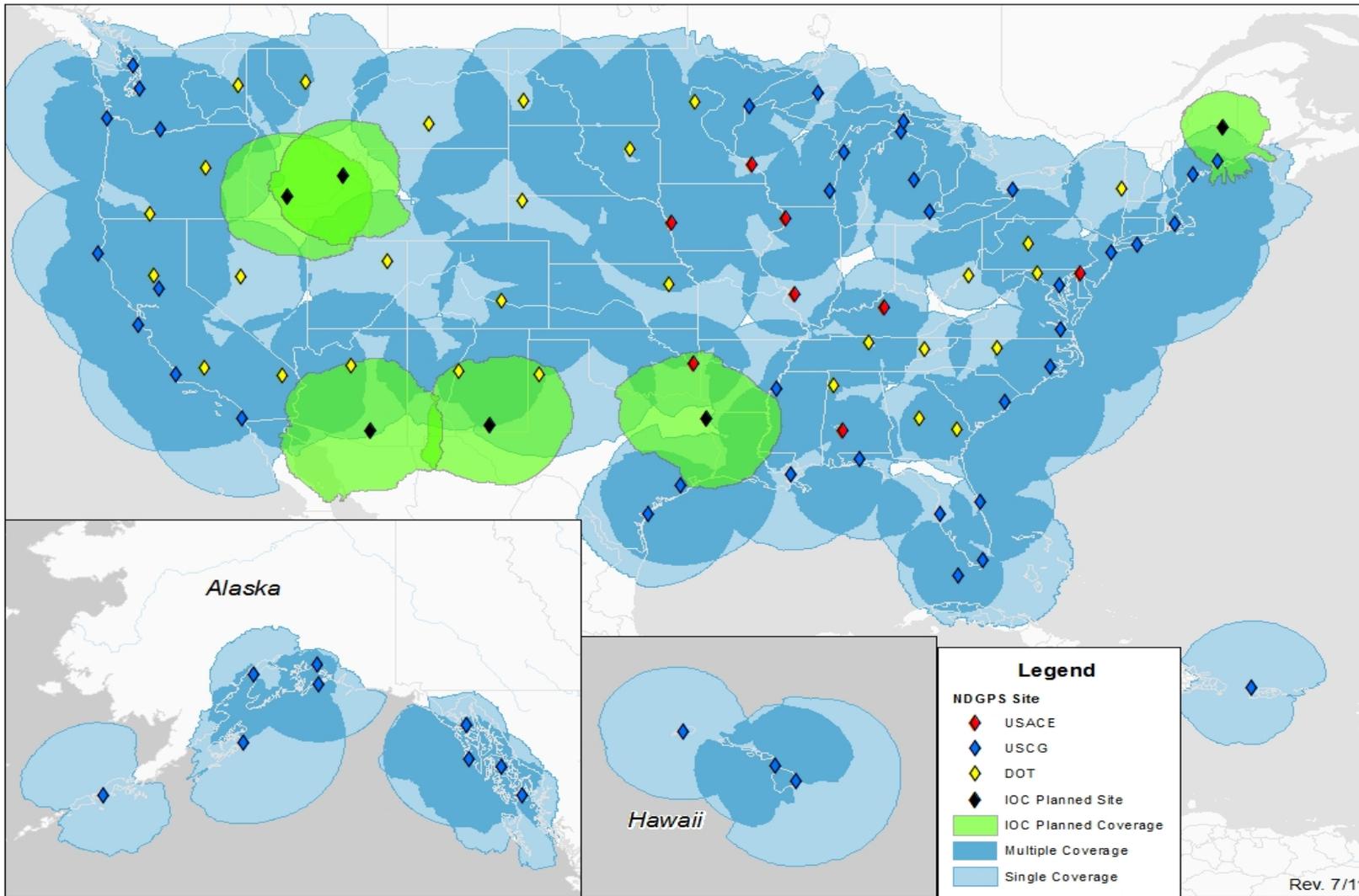


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IOC UPON COMPLETION



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The Navigation Center of Excellence

U.S. Department of Homeland Security
UNITED STATES COAST GUARD

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**** NAVAREA XII Warning for Fukushima, Japan **** In response to the situation at the Fukushima Nuclear Power Plant in Japan, the U.S. Coast Guard recommends, as a precaution, that vessels avoid transiting within 50 miles (43 nautical miles/80 kilometers) of the Fukushima Nuclear Power Plant (37°19'N, 141°01'E). [Read the entire NAVAREA XII warning here...](#)

Primary Mission Areas:

- Global Positioning System
- Differential GPS
- Nationwide DGPS
- Long Range Identification and Tracking
- Civil GPS Service Interface Committee
- Automatic Identification System
- Nationwide AIS (NAIS)
- Electronic Navigation & Charting
- Maritime Telecommunications
- LORAN C (archive)

Services & Reporting:

- Receive Free LNM Updates
- Receive Free GPS Status Messages
- Receive NANU Updates
- Join CGSIC (free)
- Report an ATON Discrepancy or Outage
- Report a GPS Problem
- Report a DGPS Problem
- Report an LRIT Problem
- Report an NAIS Problem
- Contact Us

Maritime Information:

- USCG 'Homeport' Website
- CG Nat'l Distress System
- Digital Selective Calling

U.S. COAST GUARD NAVIGATION CENTER

March 23, 2011

NAVIGATION CENTER POINTS OF INTEREST

Current Operational / Safety Information

- Consolidated Nav Info
- DGPS Site Status
- GPS Ops Advisories & NANUS
- GPS Almanacs
- GPS Interference Notices
- Public Notices for Bridges
- Local Notice to Mariners
- Light List and Corrections
- Navigation Rules
- Navigation Regulations
- Navigation Safety Alerts

Maritime Information

- USCG "Homeport" Website
- Long Range Identification and Tracking
- Global Maritime Distress and Safety System
- CG Nat'l Distress System
- Digital Selective Calling
- Vessel Traffic Services
- VHF Channels & Freqs
- MF & HF Channels
- Nav Pubs and Documents
- Radio Watch Requirements
- Marine Safety Information Broadcasts
- Ports and Waterways Safety System

More About NAVCEN

- Mission Statement
- Contact Us
- Directions to NAVCEN
- Search Our Site
- Site Map
- Website Privacy Policy

News and Notices:

- RSS Feeds (LNMs, LL Corrections)
- Do you use NIST radio station WWV or WWVH? Do you have a radio-controlled clock or set your computer clock using NIST? Do you get NIST time via telephone or Internet? Please take a moment to complete the [NIST Time and Frequency Services survey](#). Your input will be greatly appreciated and used to allocate resources.
- The U.S. Coast Guard strongly advises against all operation of and travel by U.S. yachts and sailing craft, or by U.S. citizens on foreign registered yachts and sailing craft, on the Gulf of Aden, Arabian Sea, Somali Basin and the western parts of the Indian Ocean. For more information, please read our [Special Notice](#).
- The [2011 Light Lists](#) are now available for download, except for the 8th District Gulf Volume 4 edition, which will be available for download on February 23rd. These Light Lists are updated to LNM (01-2011). The electronic version of the Light Lists are updated monthly by the first Friday of each month.
- The United States Air Force has released ICD-GPS-870, Navstar Next Generation GPS Operational Control Segment (OCX), to User Support Community Interfaces for public comment and review. [Read more...](#)
- The 50th Space Wing announced the completion of phase one of a two phase

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.



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Address http://www.navcen.uscg.gov/dgps/dgpsuserinput.htm

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- GPS Testing Notices
- LNMs
- Almanacs
- Nav Rules
- AIS
- Contact Us
- Search
- Home

Differential GPS (DGPS)

- DGPS Site Status Info
- Canadian DGPS Status Info
- U.S. DGPS Coverage Plots
- Report a DGPS Problem
- Frequently Asked Questions
- Reference Information

Primary Mission Areas:

- Global Positioning System
- Differential GPS
- Nationwide DGPS
- LORAN C
- Inland River Vessel Movement Center
- Long Range Identification and Tracking
- Civil GPS Service Interface Committee
- Automatic Identification System
- Electronic Navigation & Charting
- Maritime Telecommunications

Maritime Information:

- USCG "Homeport" Website
- Vessel Traffic Services
- Global Maritime Distress and Safety

DGPS REPORT-A-PROBLEM WORKSHEET

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:	<input type="text"/>
* Email Address:	<input type="text"/>
* Telephone number: (use 10 digits only, i.e. 7033135900)	<input type="text"/>

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