

Nationwide DGPS Project Status



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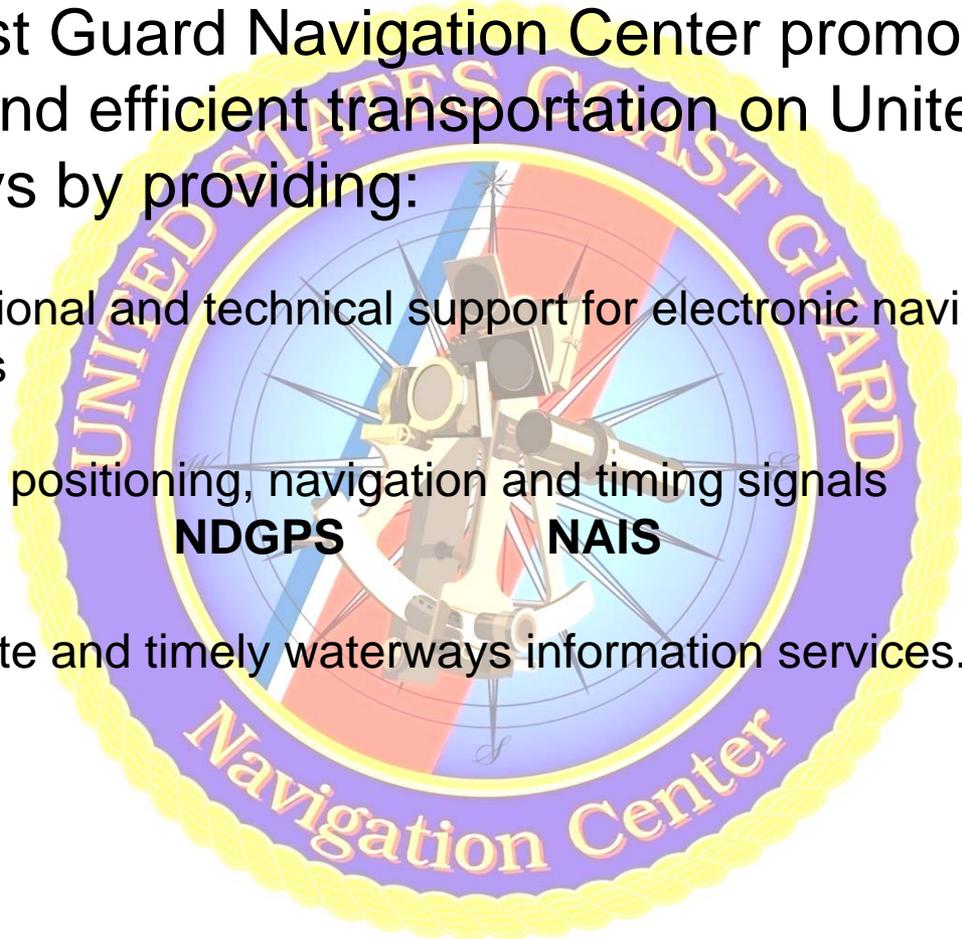
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NAVCEN Mission Statement

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
LRIT **NDGPS** **NAIS**
- Accurate and timely waterways information services.



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Maritime Information Operations Center

24/7 Operation of the following:

- Web based Information Services.
- Navigation Information Service.
- GPS Civil Interface.
- NDGPS Monitor & Control.
- Nationwide Automatic Information System.



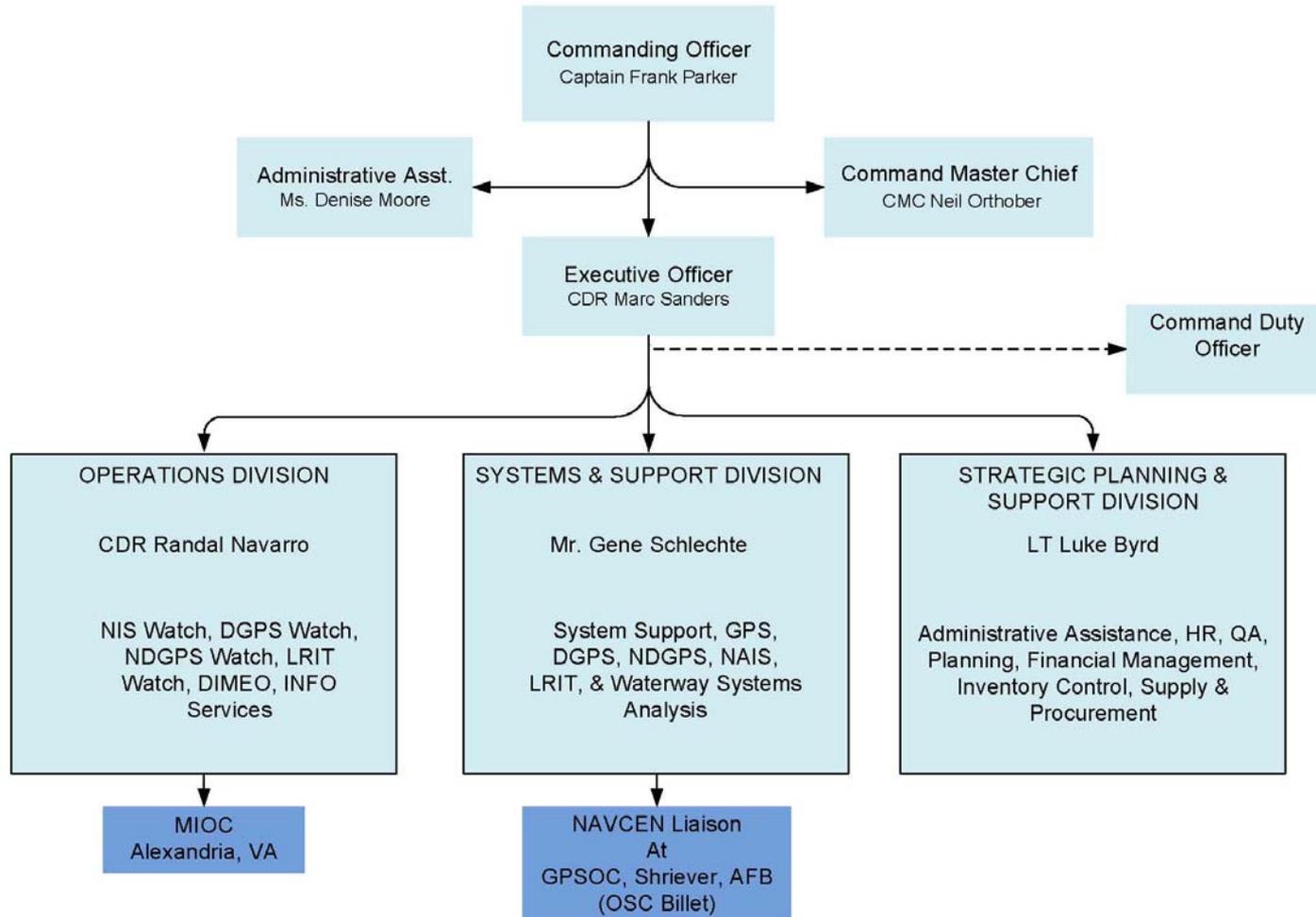
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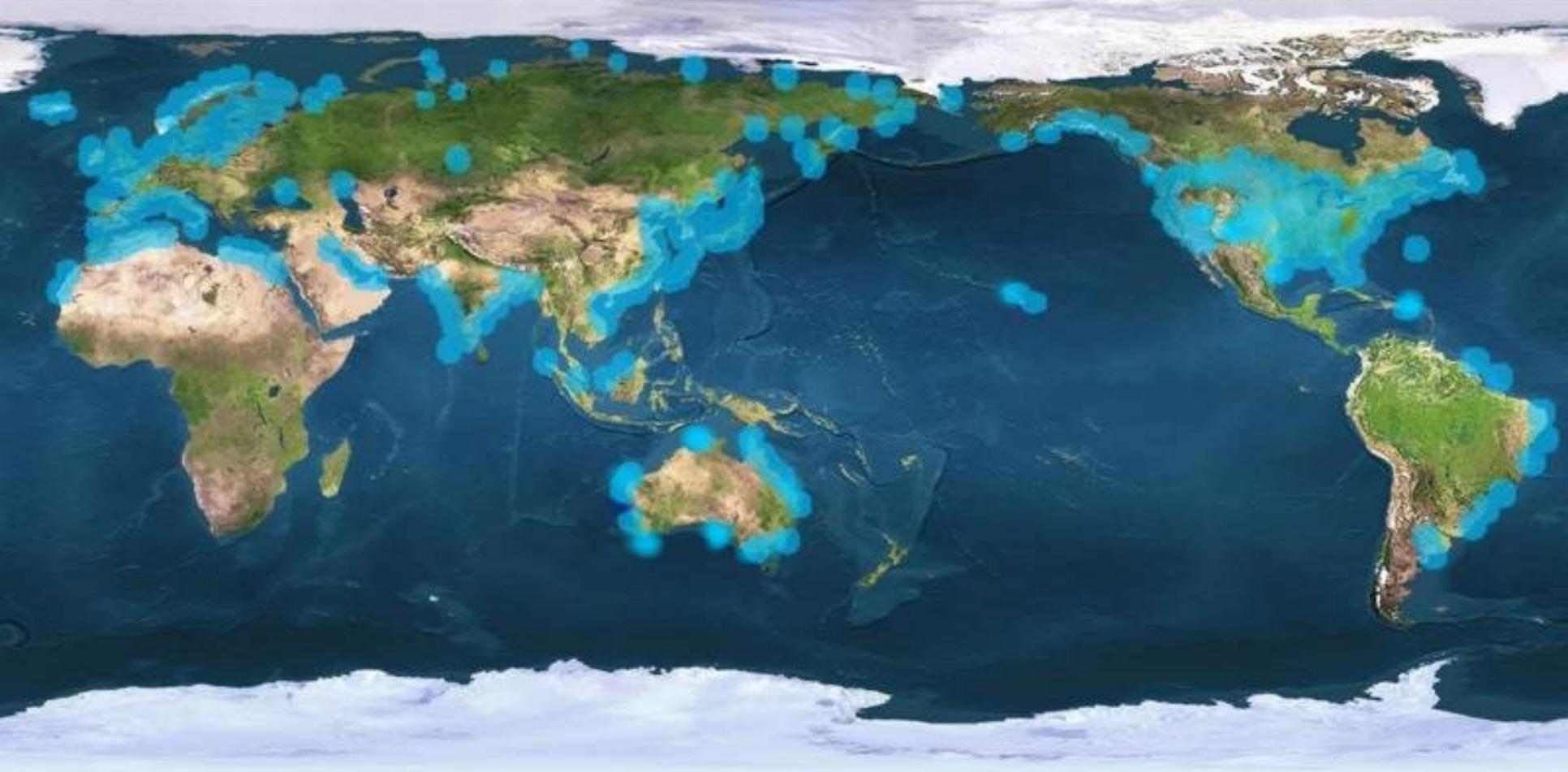
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COMMAND OVERVIEW



Worldwide DGPS Coverage



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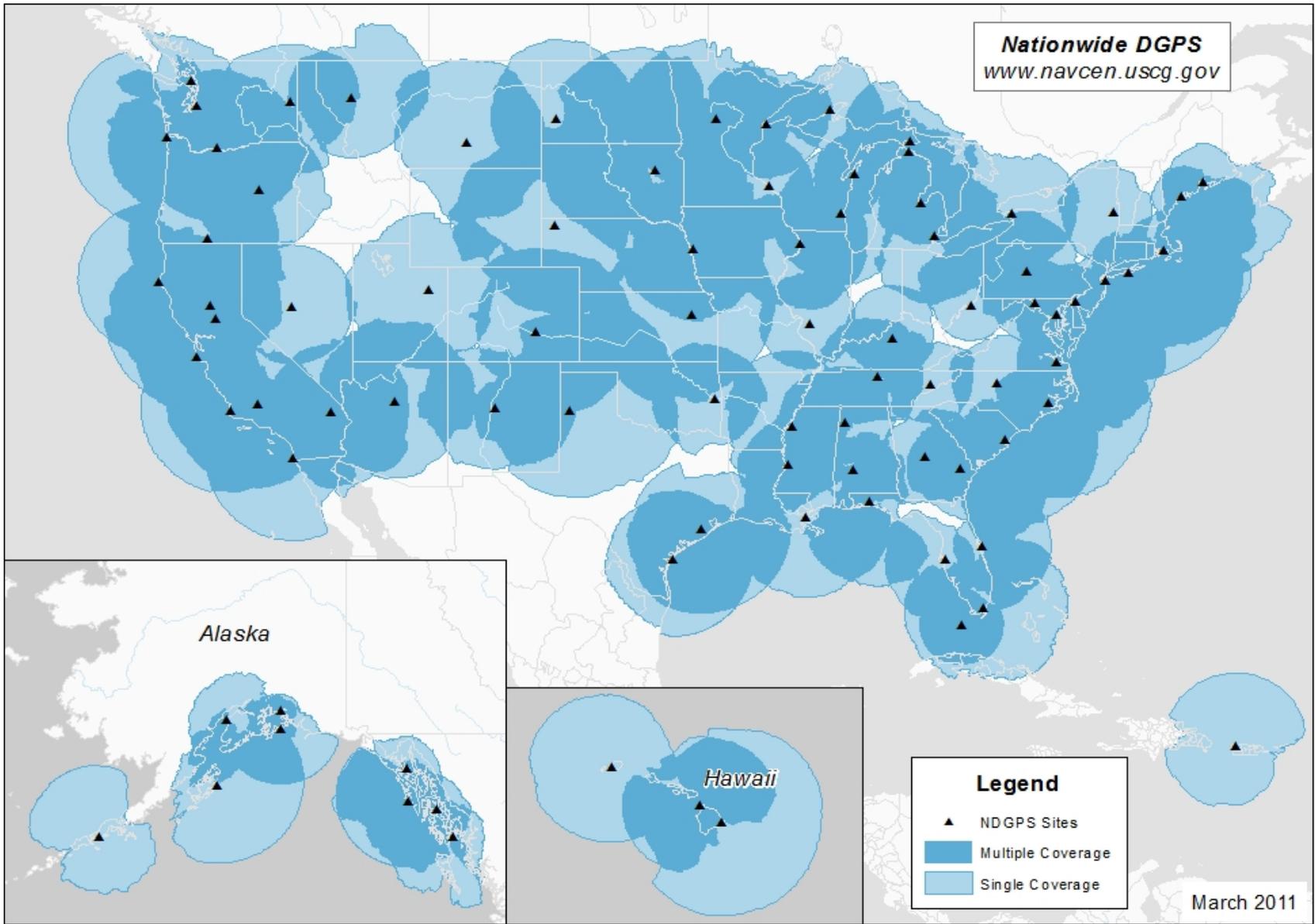




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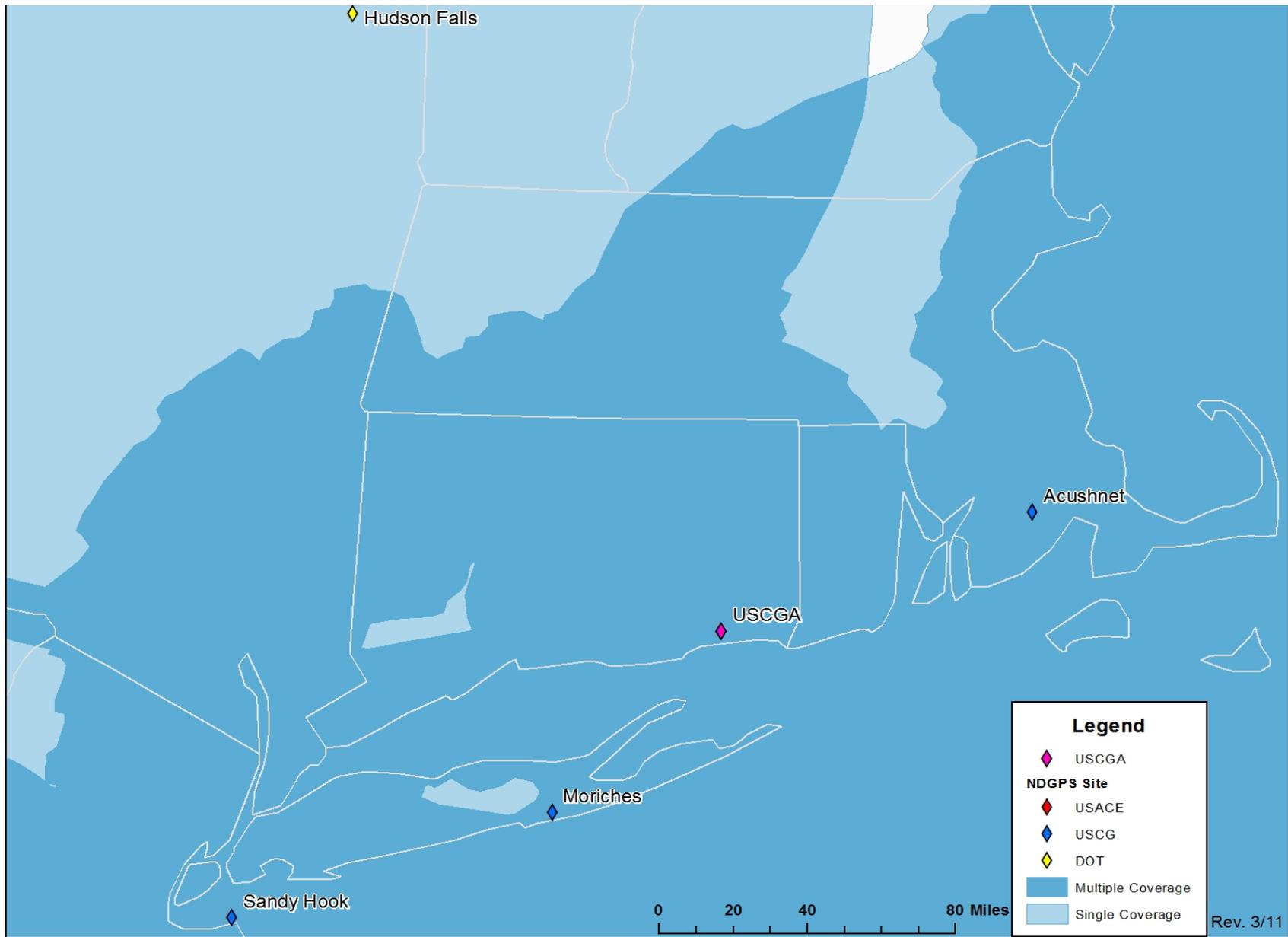




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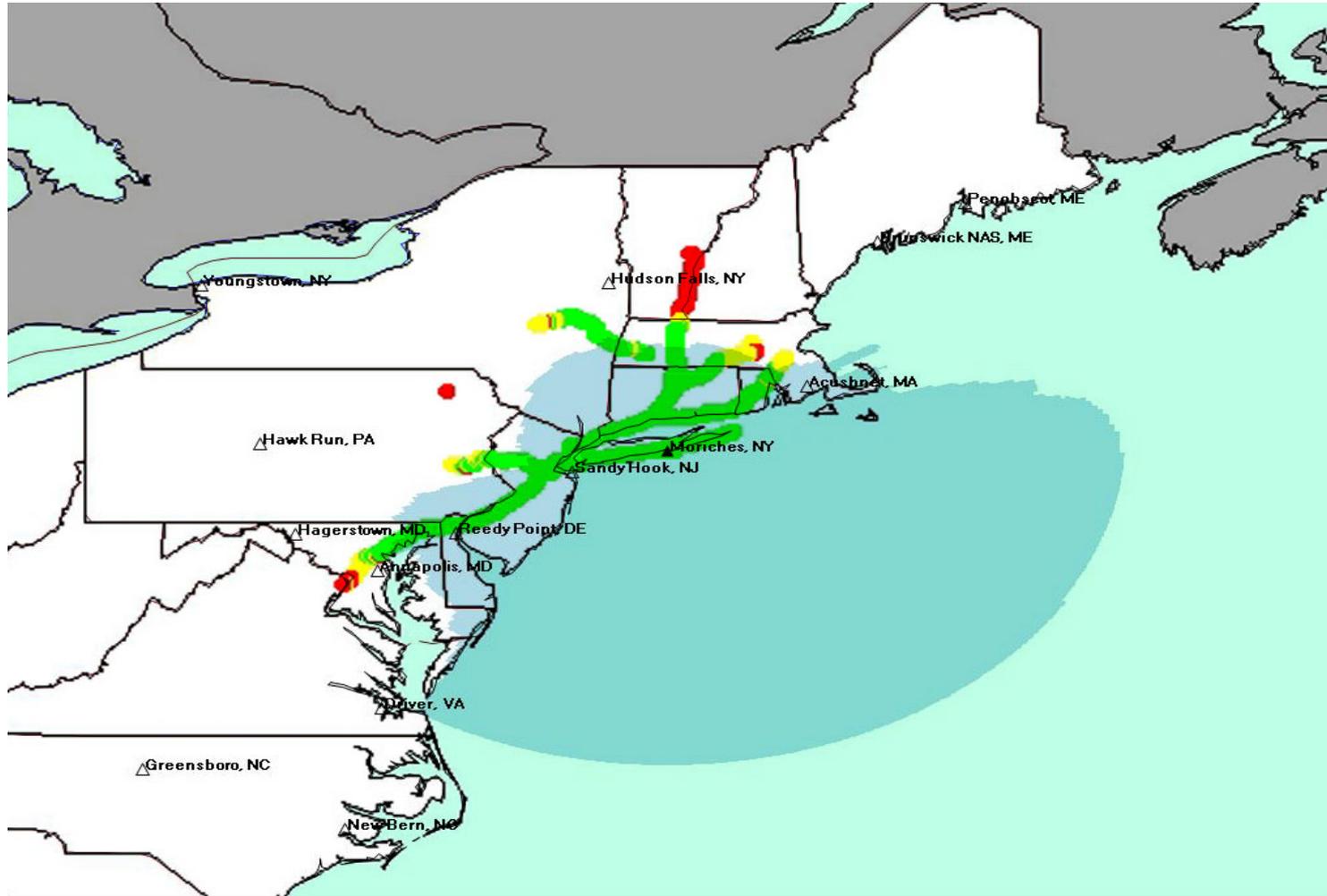
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Nationwide DGPS

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, 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)
- Patten, ME (New Build)



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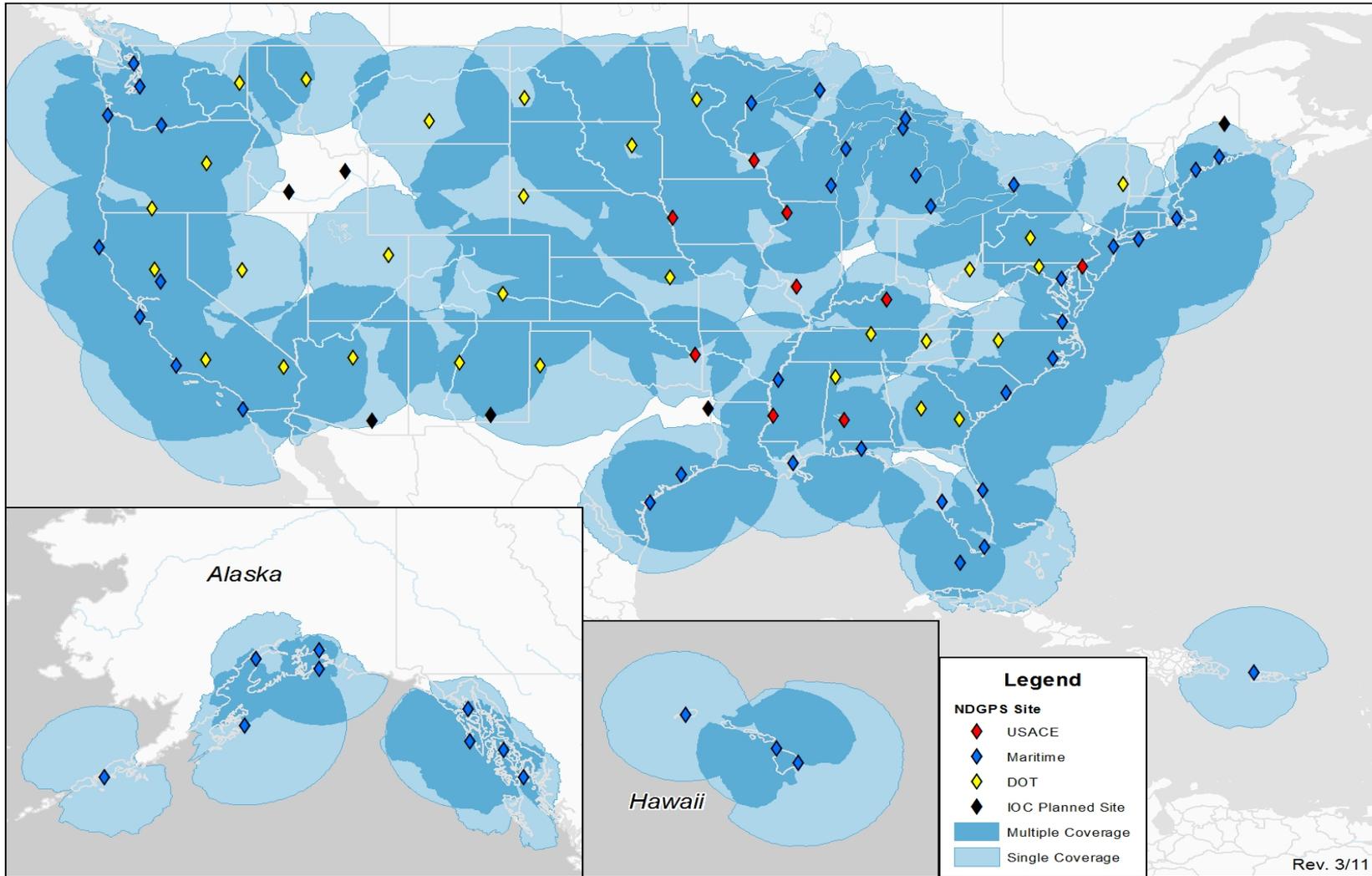


NDGPS Construction Status

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	Agreement signed Feb 2, 2009
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
Big Lake, TX	Complete	Complete	Complete	Complete	Complete	RP Instrument pending	\$782,000.00	Texas GLO has pulled out of negotiations
Patten, ME	Complete	Complete	Complete	Complete	Complete	Complete	\$747,500.00	Coast Guard owns site



IOC as of 4/1/2011

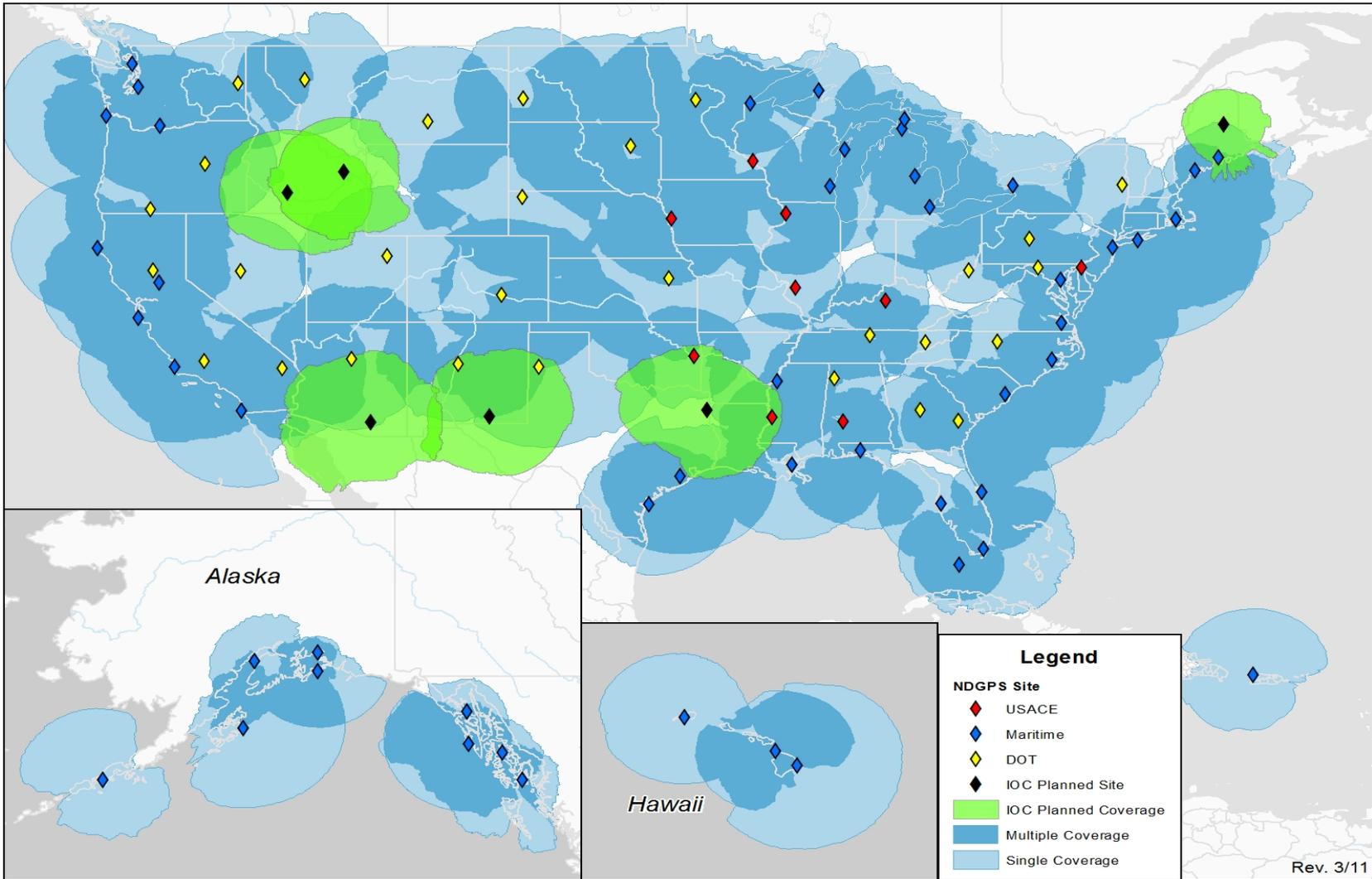


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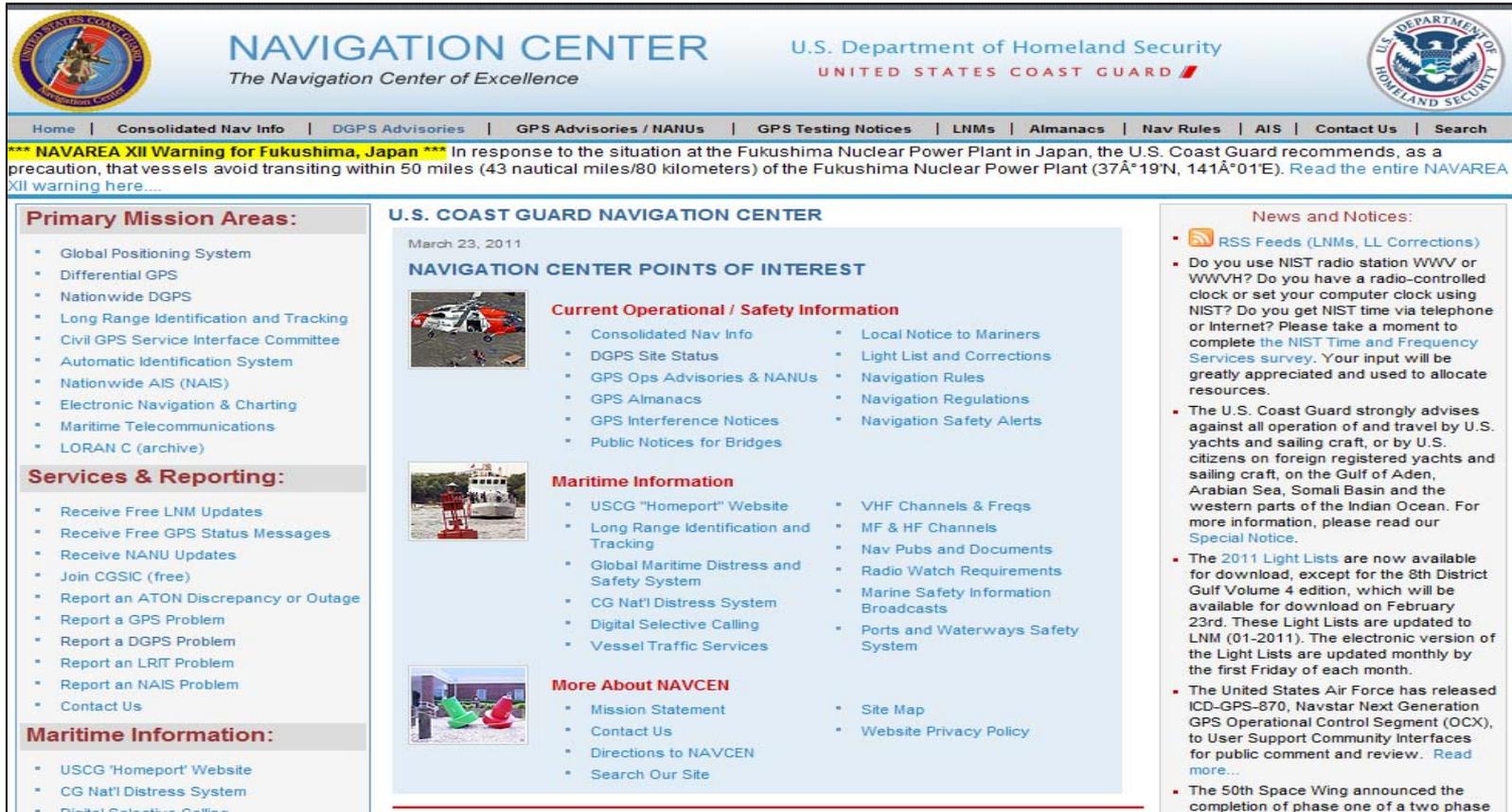
IOC UPON COMPLETION



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The screenshot shows the NAVCEN website homepage. At the top, there are logos for the U.S. Coast Guard and the U.S. Department of Homeland Security. The main header reads "NAVIGATION CENTER" and "The Navigation Center of Excellence". Below this is a navigation menu with links like "Home", "Consolidated Nav Info", "DGPS Advisories", etc. A prominent yellow banner contains a warning: "NAVAREA XII Warning for Fukushima, Japan". The main content area is divided into three columns. The left column lists "Primary Mission Areas" and "Services & Reporting". The middle column, titled "U.S. COAST GUARD NAVIGATION CENTER", features a date "March 23, 2011" and a section "NAVIGATION CENTER POINTS OF INTEREST" with sub-sections for "Current Operational / Safety Information", "Maritime Information", and "More About NAVCEN". The right column is titled "News and Notices" and contains several bullet points regarding RSS feeds, NIST radio station WWV, and Light Lists.

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, IRVMC and much more.





NAVIGATION CENTER

The Navigation Center of Excellence

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



- Consolidated Nav Info | DGPS Advisories | GPS Advisories / NANUS | 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!

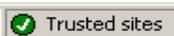
Privacy Information: The privacy of our customers has always been of the utmost importance to the Navigation Center. We have a long history of protecting your privacy and our concern for your privacy is no different in the electronic age. Our Internet privacy policy is:

- 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"/>

Continue ->



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United States Coast Guard



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