

# Nationwide DGPS Project Status



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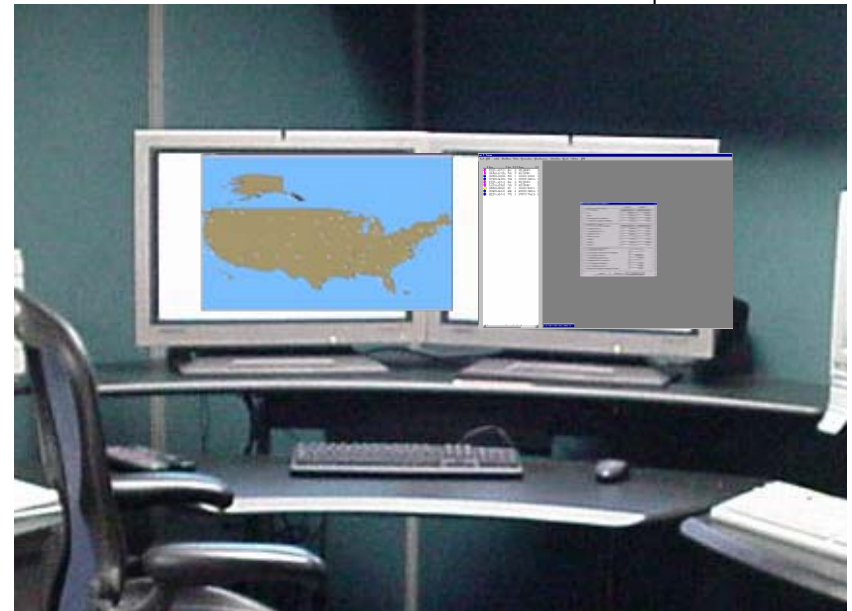
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# Nationwide / Maritime DGPS

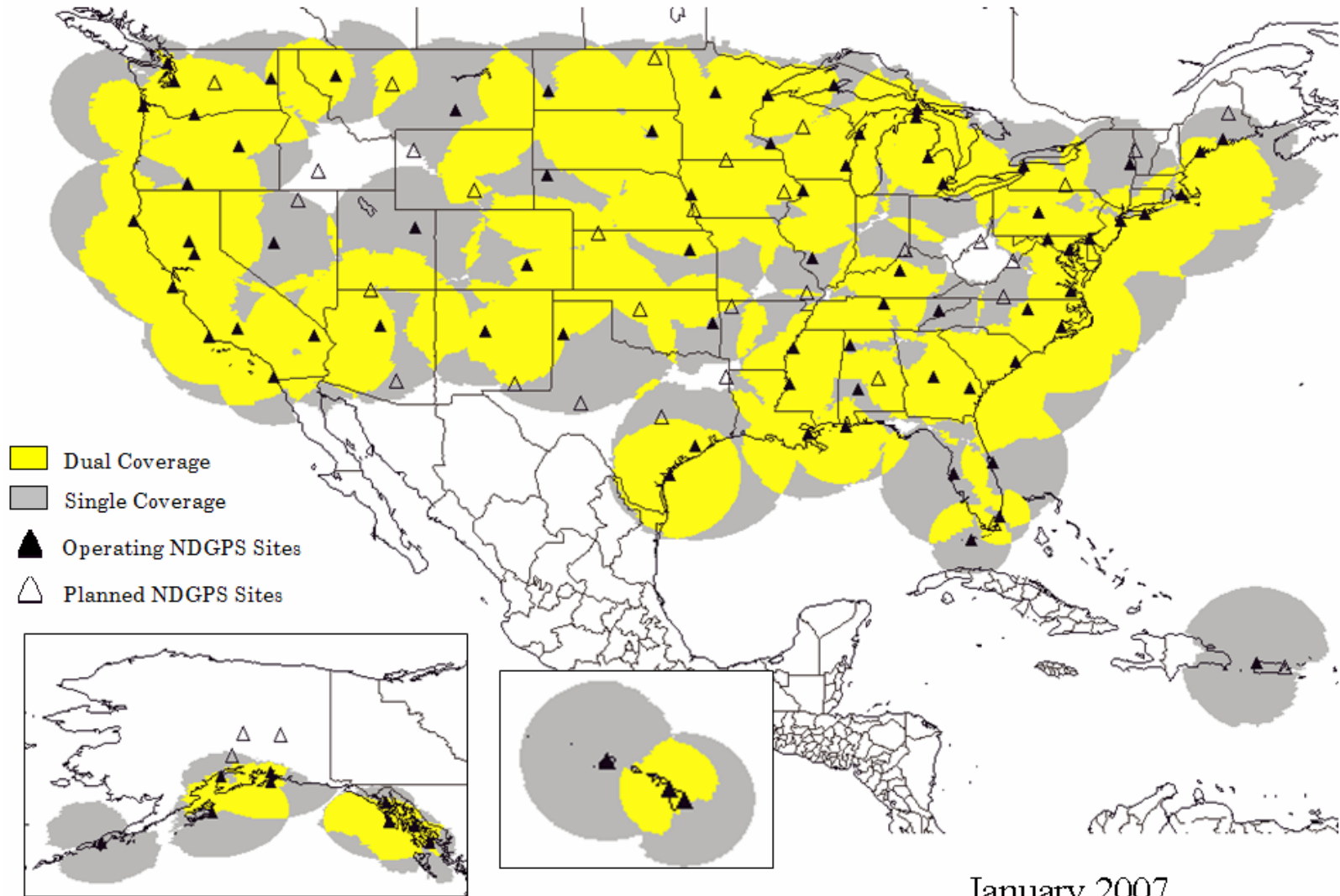
## Currently 86 operational sites:

- USCG NAVCEN is Operational Control for all sites.
- USCG Maritime → 39 sites
- U. S. Army Corps of Engineers → 9 sites
- Dept of Transportation → 38 sites





# NDGPS Coverage



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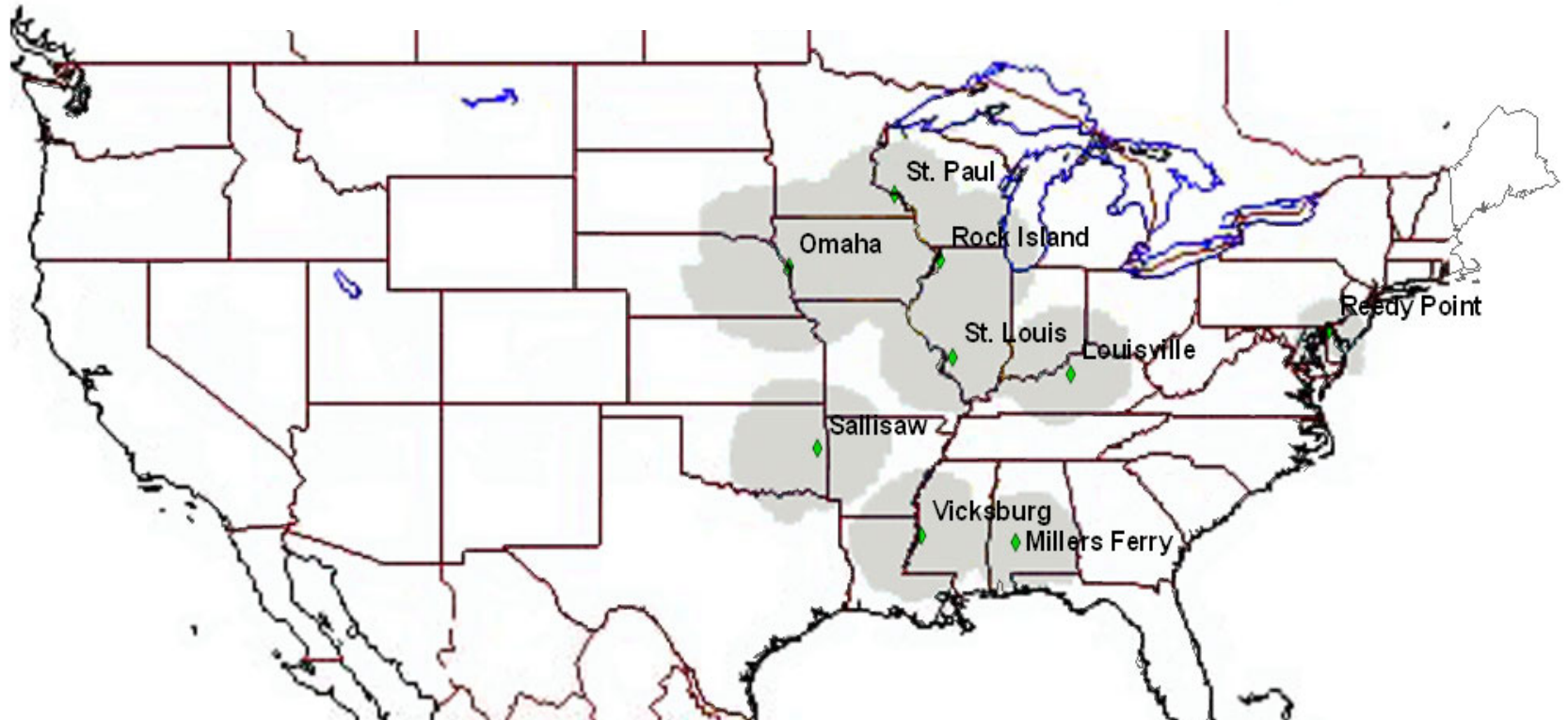
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# 9 U. S. Army Corps Coverage



US Army Corps of Engineers funded & maintained Sites

- Supports Inland Waterway Coverage
- Supports Underwater Surveying and Dredging



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# FY07 DOT Funding Issue

- **Federal Railroad Administration (FRA) / DOT requested \$0 funds for the FY07 NDGPS budget.**
- **FRA relinquished sponsorship of Program.**
- **FY07 routine operating expenses are supported by FY06 reimbursable funds.**
  - **New construction of Sites Has Been Halted**
  - **Katrina funded projects (\$1.7M)**
    - **Relocate Mobile Point, AL to Eglin AFB, FL**
    - **Construct Card Sound, FL**







# Research and Innovative Technology Administration

## (RITA)

- Agreed to sponsor NDGPS for FY08 as a stop-gap measure.
- Independent Assessment of NDGPS has been awarded by RITA.
  - Interim report was received by DOT
- Requested FY08 NDGPS Budget
  - \$5M in President's Budget for O&M



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# USCG Letter to DOT

## 13 July 2006

If FRA (now RITA) does not identify a sustainable long-term funding strategy by FY08:

- CG will formally initiate termination of involvement in the NDGPS MOA.
  - **Maintain Maritime portion (MDGPS) as standalone system.**
  - CG will work with DOT to commence decommissioning of inland sites.
  - Initiate formal public notification to the required offices to terminate signals.
- Transition Planning is in progress



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# Why doesn't the CG fund the Inland Sites?

- No Authority/Requirement for land navigation
  - 14 USC Section 81
    - The Coast Guard “May establish, maintain, and operate aids to maritime navigation...”
  - Interagency Memorandum of Agreement
    - USCG, FRA, FHWA, and USACE
  - Economy Act Transaction
    - Servicing agency is funded on Reimbursable Basis





# Research and Innovative Technology Administration

## Published Status Report

*Available on NAVCEN Website*

- DOT is currently assessing the continued need for NDGPS, and is searching for agencies to share sponsorship.
- \$5M requested by RITA for FY08, again with *no funding for expansion*, while conducting the system assessment.
- In this interim period, the Coast Guard will continue to operate and maintain existing sites ***as funding levels permit***.
- FY09 funding levels and sources have not yet been identified.
- **The Maritime DGPS, which is funded by the USCG, will continue operations regardless of the results of the DOT NDGPS system assessment.**



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# Resource Proposal (FY09)

- ***In the event that DOT does not fund NDGPS in FY09...***
- 12 DOT Funded Sites identified to preserve Maritime coverage.
- Requests \$543K of O&M funding to maintain Maritime portion of DGPS.



# DOT (Nationwide) → USCG (Maritime)

## Conversion Sites

<b>Site Name</b>	<b>State</b>		<b>Site Name</b>	<b>State</b>
Acushnet	MA		Lincoln	CA
Annapolis	MD		Mequon	WI
Appleton	WA		New Bern	NC
Bobo	MS		Penobscot	ME
Driver	VA		Savannah	GA
Kensington	SC		Topeka	KS



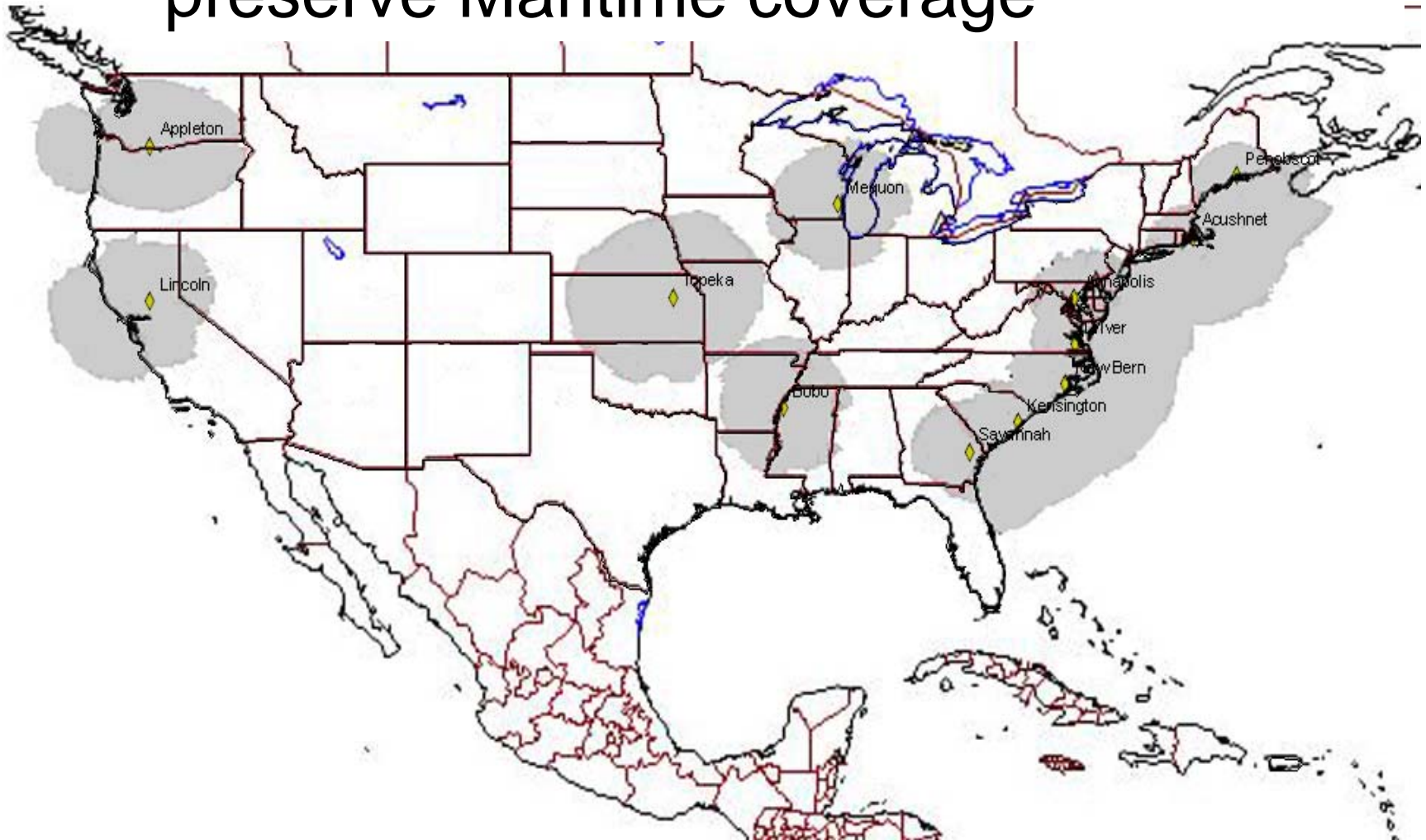
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# 12 DOT Funded Sites identified to preserve Maritime coverage



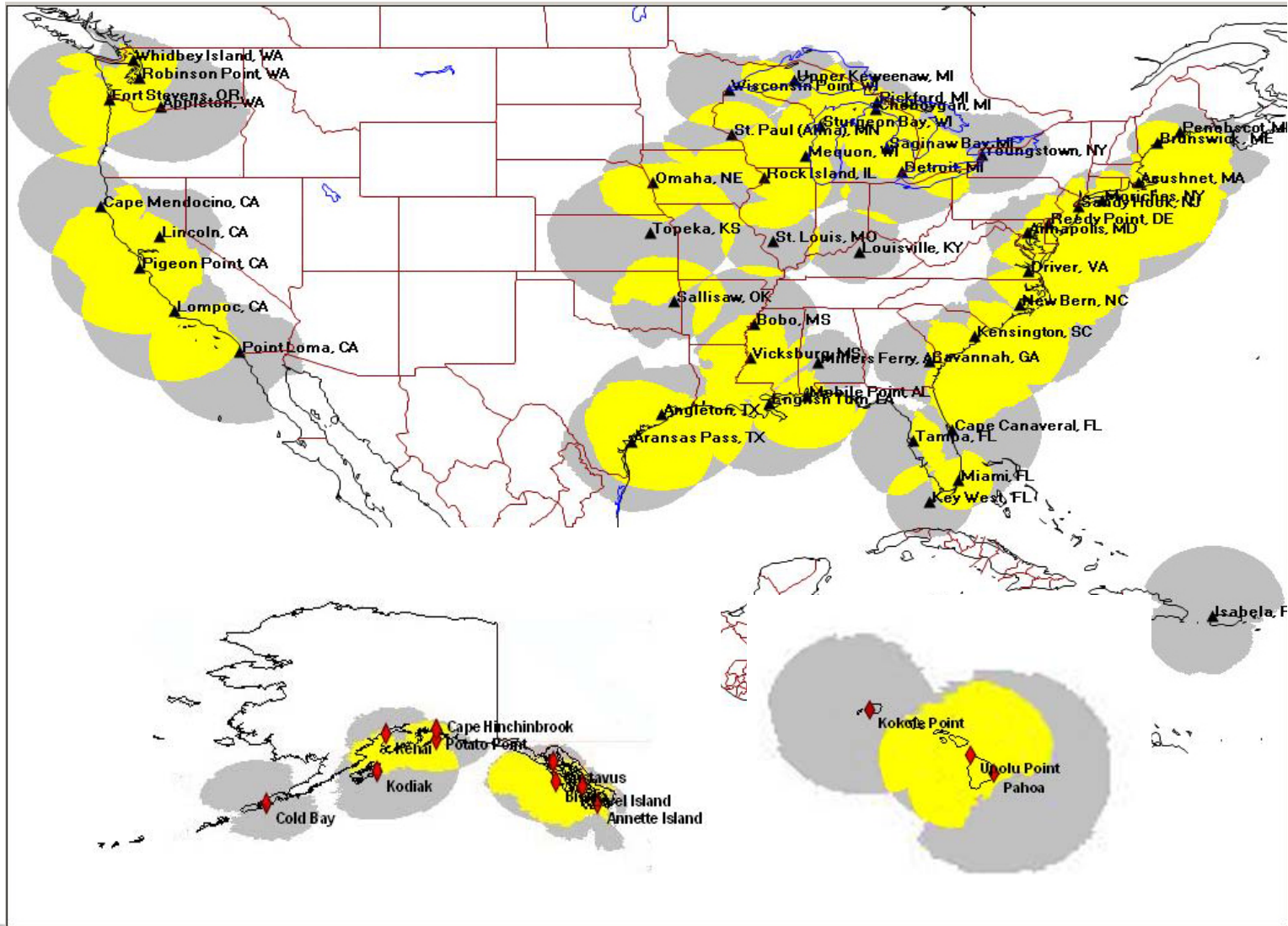
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# Maritime + 12 Funding Converted Sites



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Research and Innovative Technology Administration

## RITA / DOT Point of Contact

- Please direct any concerns for the future of the NDGPS program in writing to:

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NAVCEN Home Web Page  
[www.navcen.uscg.mil](http://www.navcen.uscg.mil)



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# NAVCEN: The Center of Excellence for Several Projects

- GPS
- Differential GPS
- Nationwide DGPS
- LORAN C
- NIS – Navigation Information Service
- CGSIC - Civil Global Positioning System Service Interface Committee
- IRVMC - Inland River Vessel Movement Center
- AIS & NAIS – Automatic Identification System







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