Nationwide DGPS
Project Status
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
Nationwide DGPS

NDGPS Sites
Maritime Sites
ACOE Maritime Sites
Planned NDGPS Sites

January 2007

Homeland Security
United States Coast Guard
39 USCG Maritime Coverage
9 U. S. Army Corps Coverage

- US Army Corps of Engineers funded & maintained Sites
- Supports Inland Waterway Coverage
- Supports Underwater Surveying and Dredging
38 DOT Funded Coverage

US DOT Funded Sites
USCG Operated & Maintained
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
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
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
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
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.
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**

<table>
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<tr>
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<th>Site Name</th>
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12 DOT Funded Sites identified to preserve Maritime coverage
Maritime + 12 Funding Converted Sites
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
NDGPS Project Status
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