U.S. Navy GeoReadiness Enterprise Program

Providing Installation Geospatial Information & Services (IGI&S)

Supporting the Navy Shore Installation mission to achieve: Readiness, Performance & Sustainability

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GeoReadiness Program Mission

We strengthen Navy combat readiness worldwide through facilities lifecycle support focused on the Fleet, Fighter, and Family to achieve Readiness, Performance and Sustainability.

We build, sustain and advance Navy Installation and Environment Geo-spatial Information and Services.

We provide precise and reliable geospatial information at the installation, regional and enterprise level based on a common infrastructure foundation.
Navy’s Shore Enterprise Demographics

- 11 Regions with 70 Installations
- 32,000 Buildings, 130 Airfields, and 244 Piers
- 2.1 Million Acres of Land
- 110,000 Plus Facilities Valued Greater Than $135 billion, with over 525 Million square feet of functional space
- 570,000 Active Duty, Reserve and Civilian Navy Personnel, Contractors and Various Tenants Who Work and Live on Navy Installations.
CNIC FY11 Navy Shore Bases (70)
By Region (11)

N61075 CNR Korea (1)
- N3277S CFA Chinhae

N61076 CNR Japan (6)
- N61056 CFA Okinawa
- N61054 CFA Yokosuka
- N61058 CFA Sasebo
- N6105T NAF Atsugi
- N61060 NAF Misawa
- N68539 NSF Diego Garcia
- N61077 Singapore AC (1)

N61128 CJR Marianas (2)
- N41557 NSA Andersen
- N61755 NAVBASE Guam

N61449 CNR Hawaii (2)
- N61664 PMRF Barking Sands
- N62613 JB Pearl Harbor Hickam

N3049B CNR Europe Africa
Southwest Asia (6)
- N3379A Camp Lemonnier Djibouti
- N62586 NSA Naples
- N62663 NAVSTA Rota
- N62995 NAS Sigonella
- N63005 NSA Bahrain
- N66691 NSA Souda Bay

N68742 CNR Northwest (4)
- N60820 NAS Whidbey Island
- N61066 NAVMAG Indian Island
- N68436 NAVBASE Kitsap
- N68967 NAVSTA Everett

N61040 CNR Midwest (3)
- N00128 NAVSTA Great Lakes
- N00639 NSA Mid South
- N61018 NSA Crane

N61463 CNR Mid-Atlantic (12)
- N00129 SUBBASE New London
- N32411 NAVSTA Newport
- N32414 NSA Mechanicsburg
- N32443 NSS Norfolk Naval Shipyard
- N32446 NSY BOS Portsmouth
- N50092 JEB Little Creek-Fort Story
- N57095 NSA Hampton Roads
- N60191 NAS Oceana
- N61011 NSA Saratoga Springs
- N62688 NAVSTA Norfolk
- N69212 WPNSTA Yorktown
- N69213 WPNSTA Earle Colts Neck

N00242 CNR Southwest (10)
- N00245 NAVBASE San Diego
- N00246 NAVBASE Coronado
- N47699 NAWS China Lake
- N60042 NAF El Centro
- N60495 NAS Fallon
- N61014 NSA Monterey
- N61065 WPNSTA Seal Beach
- N63042 NAS Lemoore
- N63406 NAVBASE Point Loma
- N69232 NAVBASE Ventura County Pt Mugu

N09697 CNR Southeast (17)
- N00204 NAS Pensacola
- N00206 NAS/JRB New Orleans
- N00207 NAS Jacksonville
- N00213 NAS Key West
- N00216 NAS Corpus Christi
- N40003 NA Puerto Rico
- N42237 SUBBASE Kings Bay
- N50173 NSF Beaufort
- N60201 NAVSTA Mayport
- N60241 NAS Kingsville
- N60508 NAS Whiting Field
- N60514 NAVSTA Guantanamo Bay
- N61007 NSA Orlando
- N61008 NSA Panama City
- N62604 CBC Gulfport
- N63043 NAS Meridian
- N83447 NASA/JRB Fort Worth
Focus Areas

- Enterprise Data Acquisition and Quality: Reconciliation with authoritative sources, accuracy, currency
- Enterprise Data Standardization: SDSFIE 3.0, metadata, pick-lists, required attributes
- Enterprise Data Analysis Tools: Analytical tools, workflows, software, geo-enabled business processes
- Enterprise Data Access: GRX viewer, web map services, data sharing agreements, training
GeoReadiness Program Governance

Shore Management Infrastructure Group (SMIG) / SMIG Working Group / CNIC GIS WG

- CNIC N4 GeoReadiness Resources Manager
  - Policy and Requirements

- NAVFAC GPM GeoReadiness Program Manager
  - Program Vision, Direction and Coordination

- Assistant NAVFAC GPM

- LANT GM / PAC GM GeoReadiness Managers
  - Performance Management and Coordination

- GeoReadiness Integration Team (GRIT)
  - Policy Recommendations

- GeoReadiness Change Control Board (GCCB)
  - Enterprise Technology Oversight

- GeoReadiness Corporate Working Group (GCWG)
  - Requirements Recommendations

- GeoReadiness Centers (GRC)
  - Execution and Coordination
Each GeoReadiness Regional Center (GRC) Provides:

- A single authoritative source of Navy I&E geospatial Information
- Overall coordination and acquisition of GIS data and resources
- Acquisition & maintenance of Common Installation Picture (CIP) layers
- Quality control standards for accuracy, currency, and compliance
- Services and business tools via the GeoReadiness Enterprise System
- System access to enable program managers, activities, and tenant commands to view, report, analyze and update data
- Published geospatial data to the GRX Map Viewer
- Pilot projects and implementation of new initiatives
- Cartographic output to customers
- GeoReadiness training and support
- Business Line GIS data integration
Putting it into Perspective

Google Maps

GeoReadiness Explorer (GRX)
Sample PM and IPL Process

CIP Status

Performance Metrics

Q4 Milestones Planned = 6
Q4 Milestones Met = 3

FY 11 Projects

Complete

Q1

Q2

Q3

Q4

GRC Data Maintenance Region and COOP
73%
Operational
Complete

Underground Features Data Collection
56%
Kick-off
Start Data Collection

Special Areas CIP Data Collection
60%
Kick-off
Start Data Collection

Machine Data Collection
100%
Kick-off
Complete Data Collection

GIS/PAAS Reconciliation
60%
Kick-off
Project CA Results

In-House Contract Support Data
50%
Kick-off
Initial Endings

Cultural/Artefacts Data
50%
Kick-off
Project Complete

Pilot
30%

% Planned Milestone Completed Milestone At Risk Milestone Missed Milestone

Accomplishments (A)/Issue's (I) & Mitigation (M)

(I) Overall project execution for the FY was ~ 79%
(M) Our two largest projects, covering multiple installations, experienced delays due to weather, access issues, and difficulties retrieving data from government personnel. Approved no-cost PoP extension, and instituted a more robust reporting of GOV delay issues to Contracting Officer. In-house project orders were extended.

Project Execution Plan ($K)

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GRC Staffing ($K)

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*Execution funding is from multiple sources of funds and multiple fiscal years.
Navy GeoReadiness Contracts

PAC AOR:
- N62742-09-D-0203, remaining capacity approx. $2.2M; Expiration: April 2012.
- BOS contract (DZSP). No set capacity or expiration.
- FE: N40084-11-D-0026: 1 year + 4 Option Years @$500K/year; Total $2.5 M capacity.

LANT AOR:
- N62470-09-D-9013, remaining capacity approx. $3.9M, FY12 Recomp.
- N62470-10-D-2023, remaining capacity approx. $652k, FY11 Recomp.

Regional Contracts: NW, NDW, SW, SE

HQ Contracts: Pending
U.S. Navy GeoReadiness Program

Questions/Comments?