



DRAFT REPORT



Naval Station Rota Overview RSIP

Regional Shore Infrastructure Plan

September 2004

PREPARED FOR
Commander Navy
Region Europe



PREPARED BY
NAVFAC
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Introduction



1.1 RSIP Background and Purpose

The Navy is in the process of preparing and implementing Regional Shore Infrastructure Plans (RSIP) for its facilities and land holdings. These plans complement a regionalization process of operations and functions now underway throughout the Navy. The overall goal of the RSIP process is to optimize the use of Navy land, facilities and infrastructure to maximize cost effectiveness and operational efficiency. The RSIP products resulting from this process provide long-term (10-15 years) planning guidance for the Regions and each of the individual bases comprising the Navy's shore-based assets.

This document is an Overview RSIP for U.S. Naval Station (NS) Rota, Spain. The primary objective of this RSIP is to respond to new mission and facility requirements and provide a long-range recapitalization plan for NS Rota. As outlined in Navy instructions for RSIPs (NAVFACINST 11010.45), the purpose of this plan is to:

- Reduce footprints and costs,
- increase existing capabilities and sustainability,
- maximize efficiencies.

The RSIP also provides a vehicle for integration and coordination of decision-making for military construction (MILCON), demolition and other facility improvement projects required to support assigned Department of Defense (DoD) missions at Rota.

This RSIP is sponsored by the Commander of the Navy Region Europe (CNRE), who oversees infrastructure planning and programming at NS Rota. It includes input from a number of other parties involved in facility operations and development of the Base, including mission sponsors and tenants, as well as representatives from CNRE and NAVFAC, Atlantic.



Figure 1-1 Base Location



Naval Station Rota, or Base Naval de Rota, is a joint-use activity and remains under the Spanish flag

Brief History

The Mutual Defense, Economic Aid and Defense Agreements establishing the U.S. presence at Rota were signed by the governments of Spain and the United States on September 26, 1953. The installation covers more than 6,000 acres on the northern shore of Cádiz, between the towns of Rota and Puerto de Santa María with direct access to the Atlantic Ocean.

The Base is used jointly by Spain and the United States. It remains under the Spanish flag and is commanded by a Spanish Vice Admiral. While the Spanish Navy is responsible for external security of the Base, both Navies are charged with internal security.

The Commander, U.S. Naval Activities, Spain, is headquartered at Rota and is the area coordinator for all U.S. Naval shore activities in Spain. His responsibilities include the planning, development, evaluation and coordination for services provided by these activities in support of operating forces afloat. He is also the Commanding Officer (CO) of Naval Station, Rota. In this capacity, he maintains and coordinates the overall security, upkeep and support features which ensure smooth operation of the installation.

1.2 Base Mission

The mission for NS Rota (from the *NS Rota website*) consists of the following components:

MISSION

Gateway to the Mediterranean

Naval Station Rota, Spain is strategically located near the Straits of Gibraltar and at the halfway point between the United States and Southwest Asia. Because of this ideal location, the Base is able to provide invaluable support to both U.S. SIXTH Fleet units in the Mediterranean and to U.S. Air Force (USAF) Air Mobility Command units transiting into or through the theater.

Naval Station, Rota and its tenant commands are located within the boundaries of the 6,100 acre Spanish 'Base Naval de Rota.' Under the guidance of the Agreement for Defense Cooperation, the U.S. and Spanish navies work together and share many facilities.

The U.S. Navy has the responsibility for maintaining the station's infrastructure, including a 670-acre airfield, three active piers, 426 facilities and 806 family housing units.

Quality Support

Naval Station Rota provides support for U.S. and NATO ships; supports the safe and efficient movement of U.S. Navy and U.S. Air Force flights and passengers; and provides cargo, fuel, and ammunition to units in the region.

The Naval Station is the only base in the Mediterranean capable of supporting Amphibious Readiness Group post-deployment wash-downs. The port also offers secure, pier-side maintenance and back-load facilities. Rota supports Amphibious Readiness Group turnovers and hosts Sailors and Marines from visiting afloat units.

The Base also provides Quality of Life (QOL) support to Morón Air Base, Amphibious Readiness Groups (ARG) support sites at Palma de Majorca, NATO headquarters in Madrid and the Military Sealift Command's (MSC) Maritime Prepositioning Squadron. Rota also supports NASA Space Shuttle missions, and ongoing operations in the European theater of operations.



NS Rota serves as the host command in coordination with the Spanish Navy, which is co-located at the Base. Currently, the primary tenant commands at NS Rota include the following:

- 725th Air Mobility Squadron
- Aviation Intermediate Maintenance Unit, Detachment (AIMU)
- Branch Dental Clinic, Rota
- Fleet Air Reconnaissance Squadron Two (VQ-2)
- Naval Computer and Telecommunications Area Detachment Rota (NCTAMS)
- Naval European Meteorology and Oceanography Command (NEMOC)
- Naval Hospital Rota
- Naval Mobile Construction Battalion (SeaBees)
- Naval Security Group Activity, Rota (NSGA)
- Naval Special Warfare Unit 10 (NSWU)
- U.S. Marines Security Force (MSF)

NS ROTA MISSION ASSETS:

- “Gateway to the Mediterranean”
- Strategic importance to EUCOM, CENTCOM, TRANSCOM, NATO as a transit base
- Best weather in European transit “lens”
- Full-service Naval Station with secure fence
- Largest U.S. Navy infrastructure in Europe
- Joint Military Operating Base (JMOB):
 - Maritime patrol/VQ-2
 - TRANSCOM air bridge
 - NSWU
 - MARG
 - Marine Corps/FAST
 - CVN divert site
 - NASA shuttle Site
 - SeaBee site

1.3 Base Loading

NS Rota's base loading is provided in Table 1-1. The table includes 2004 personnel loading; ship loading data (for visiting ships only since there are no U.S. ships homported at Rota); and current and project plane loading.

Table 1-1 NS Rota Base Loading

Personnel	2004
Officers	418
Enlisted	2,547
Students	10
Transients	482
Reservists	142
Ship Based	400
Total Military	3,999
Civilians	4,860
Dependents	2,977
Retirees	523
Total Base Population	12,359
Ship Loading 2000-2003	
Homeported	None
Visiting (Average Annual)	156
Total Ships	156
Plane Loading 2002 2008	
Permanent	11
EP-3	6
P-3C	3
C-12	2
Transient	29
C-130	1
C-9/C-40	1
P-3	3
C-5	5
767/I-1011	1
747	1
CH-53	0
C-2	2
Total Planes	40

Sources: Personnel: Basic Facilities Requirement Manpower Worksheet, NS Rota PWD, 2004; Ships; NS Rota Port Ops Dept, 2004; Planes: NS Rota Aviation RSIP, 2003



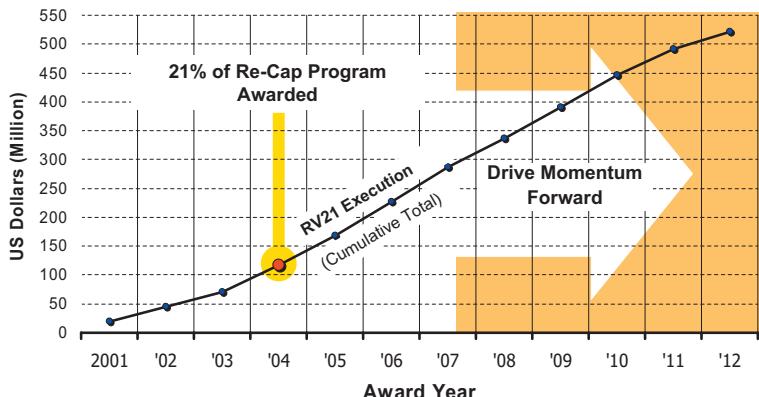


Figure 1-2 Rota Vision-21 Re-Cap Progress (June 2004)

1.4 Base Vision

NS Rota has developed a future, or vision, for the Base called *Rota Vision 21* (RV-21 or Vision 21). This vision recognizes Rota's role as a Gateway to the Mediterranean with critical strategic importance to both DoD and NATO in Europe. This role was expanded during Operation Iraqi Freedom and will continue into the foreseeable future. NS Rota could play in even larger role in the long-term because of the significant air, water and land resources available for U.S., Spanish, and NATO use at the base.

These mission objectives at Rota deserve a significant commitment to the facilities required to support them. Vision 21, therefore, includes a major recapitalization of facilities to meet all the necessary functional components

supporting Rota's mission. Facility improvements are also needed for a number of other reasons:

- to support new missions and tenants being assigned to the Base,
- to correct a backlog of over \$120 million in building system deficiencies (HVAC, etc.),
- to address seismic and other structural facility deficiencies, and
- to address right-sizing of facilities to meet mission and support function needs.

Facility recapitalization (Re-Cap) included as part of Rota Vision 21 was initiated in 2001 and has progressed with significant new construction projects currently underway (see Figure 1-2). The Overview RSIP supports the recapitalization program by incorporating a number of additional projects proposed for the base. It is important that this recapitalization program be continued to provide the full complement of mission and support facilities that the base will need. By doing so, Rota can correct a number of its WWII-era facility deficiencies, as well as fulfill its important strategic role in the European Theater for the foreseeable future.

Aerial view of bachelor housing and parade field at Naval Station overlooking town of Rota and the Gulf of Cádiz.



1.5 Planning Assumptions & Methodology

A DoD-wide re-organization effort (called Theater Transformation) is currently underway affecting a number of bases in Europe, including NS Rota. This process makes long-term planning challenging, but this RSIP includes as planning assumptions Transformation decisions made to-date. These include the following units that are being re-assigned and leaving Rota:

- DRP 32
- AIMU
- VQ-2
- NSGA

In addition other units or organizations are being reduced or downsized as a result of Transformation, including:

- Supply
- Comptroller
- Public Works

Also as a result of Transformation or other DoD initiatives, NS Rota could possibly receive more units or missions in the future. The RSIP, therefore, identifies potential expansion areas at NS Rota to allow flexibility and to accommodate possible future facility requirements. With over 6,000 acres available at the base, this expansion could easily be accommodated if coordinated with the Spanish government. Port-related missions, in particular, would require coordination due to existing limited ship berthing capacity at Rota, although a major recap and expansion of this area is included in the RSIP.

The RSIP planning effort was initiated in January 2004 and has been prepared over a 12 month period. The planning process was interactive with numerous opportunities for input and comments from regional and base representatives. The RSIP also included and interfaced with a number of other ongoing studies, such as the P-645 Command Operations Consolidation Project Design, and the Utilities Capitalization and Business Plan (UCABP) and Seismic Vulnerability Assessment prepared by NAVFAC Atlantic.



Aerial view of NS Rota airfield and air maintenance facilities

The major components and milestones for the RSIP are as follows:

- | | |
|------------------------|--------------|
| • Kick-off/Field Visit | Jan 20-30 |
| • Core Area Workshop | Mar 23-Apr 2 |
| • Concept Brief | Jun 8-11 |
| • Draft RSIP | September |
| • Draft Brief | October |
| • Final RSIP | November |
| • Final Brief | December |

1.6 Planning Summary

The NS Rota RSIP addresses the RSIP objectives listed previously (footprint reduction, etc.) and the Vision 21 Re-Cap initiatives already underway at the base. A number of new facility development projects are included. These projects will significantly enhance U.S. facility assets available for current and future missions both in the short-term and long-term.

The base is divided into five geographic areas that include the majority of U.S. facilities:

- Airfield
- Waterfront
- Core Area
- Rotation Forces (NMCB) Camp
- Family Housing

Facility deficiencies along with the RSIP planning response are provided in Table 1-2 for each of these areas. The recommendations will in total achieve an approximate 3,300 m² (35,500 GSF) reduction in facility footprint and \$62 million reduction in cost compared to the status quo (not counting additional investments to meet new mission requirements).

In addition, significant operating efficiencies will be gained through proposed facility consolidations. These include consolidation projects for the following functions:

- Air Ops (En Route/ underway P-662)
- NSWU-10 (P-802)
- NMCB Camp (P-412)
- Administration (P-645)
- MWR (P-510, RSIP QOL-2, PDE25-04)
- NEX/DCECA (P-503)

These projects not only increase efficiencies but provide new modernized facilities for each

of these functions, enhancing their capabilities and long-term operating presence and sustainability at the base.

In addition, a number of other improvements are gained through the proposed RSIP recommendations. These include:

- Mission enhancements, including new upgraded facilities for Air Ops, Port Ops, NSWU and SeaBees;
- Significant security upgrades, including harbor security improvements, new gate designs, and airfield fencing;
- New landscaped Core Area providing vehicular-free zone for personnel support functions;
- Other new modern community support facilities for NEX/DECA, MWR, DODDS, and Housing;
- Transportation and parking improvements that enhance on-base vehicular circulation and meet AT/FP requirements; and
- Base-wide utilities upgrades, including efficiency and operations improvements for all major utilities systems on-base.

NS Rota's Re-Cap program was initiated around 2000 with the DODDS project in the family housing area and has continued steadily since then. The RSIP projects recommended in this plan will continue to improve a base that DoD has recognized as one of its most important assets. A number of these projects respond to Rota's increased role as a hub for transients in the Mediterranean (e.g., En Route). This role proved vital during Iraqi Freedom and will continue to serve all three services in the Theater for the foreseeable future. The RSIP provides a 15-20 roadmap to meet these and all other mission readiness objectives envisioned for NS Rota.

Table 1-2 RSIP Summary

RECAP AREAS	FACILITY ISSUES			RSIP RECOMMENDATIONS			LIFE-CYCLE COST ANALYSIS	
	New Mission Reqm't	Age/Condition Issues	Efficiency/Security Issues	Proposed New Construction (m ²)	Proposed Demolition (m ²)	Footprint Reduction/Increase (m ²)	Cost Savings	Additional Investment Required
Airfield	•	•	•	13,600	19,800	-6,200	\$23,000,000	-
Waterfront	•	•	•	2,600	2,900	-300	-	\$14,300,000
Core Area (Support)		•	•	35,300	43,800	-8,200	\$31,800,000	-
NMCB Camp	•	•	•	25,400	15,800	9,600	-	\$44,300,000
Family Housing		•	•	6,300	4,900	1,800	\$7,100,000	-

