

**DATA CALL 63  
FAMILY HOUSING DATA**

Information on Family Housing is required for use in BRAC-95 return on investment calculations.

<b>Installation Name:</b>	NAVFAC ADAK
<b>Unit Identification Code (UIC):</b>	N57099 79
<b>Major Claimant:</b>	CINCPACFLT

<b>Percentage of Military Families Living On-Base:</b>	0
<b>Number of Vacant Officer Housing Units:</b>	0
<b>Number of Vacant Enlisted Housing Units:</b>	0
<b>FY 1996 Family Housing Budget (\$000):</b>	0
<b>Total Number of Officer Housing Units:</b>	0
<b>Total Number of Enlisted Housing Units:</b>	0

Line 4, Percentage of Military Families Living on Base, is taken from DD Form 1377. Lines 7-9, represents the activities' "fair share" of the complex total of the family housing budget and inventory of officer and enlisted units. This data was provided by COMNAVFACENGCOM. This UIC contains 103 personnel entitled to BAQ W/Dependents out of a complex total of 955 personnel entitled to BAQ W/Dependents.

There are 44 activities identified within this complex.

**Note:** All data should reflect figures as of the beginning of FY 1996. If major DON installations share a family housing complex, figures should reflect an estimate of the installation's prorated share of the family housing complex.

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

J. E. BUFFINGTON, RADM, CEC, USN  
NAME (Please type or print)

COMMANDER  
Title

NAVAL FACILITIES ENGINEERING COMMAND  
Activity

  
Signature

7/20/94  
Date

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)  
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

W. A. EARNER  
NAME (Please type or print)

\_\_\_\_\_  
Title

  
Signature

7/25/94  
Date

BRAC-95 CERTIFICATION

Reference: SECNAV NOTE 11000 of 8 Dec 93

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

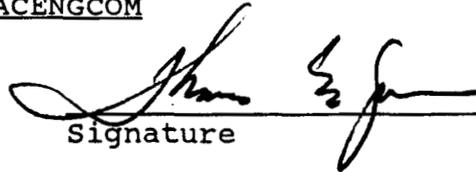
The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the chain of command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the chain of command. Copies must be retained by each level in the chain of command for audit purposes.

I certify the information contained herein is accurate and complete to the best of my knowledge and belief.

SOUTHWESTNAVFACENCOM

THOMAS E. GUNN  
Name (Please type or print)

  
Signature

COMMANDING OFFICER  
Title

7/13/94  
Date

**BSAT**

**BASE STRUCTURE ANALYSIS TEAM**

4401 Ford Avenue • Post Office Box 16268 • Alexandria, Virginia 22302-0268 • (703) 681-0490

RP-0350-F7  
BSAT/OZ  
20 SEP 1994

MEMORANDUM FOR THE BASE STRUCTURE EVALUATION COMMITTEE (BSEC)

Subj: REPORT OF BSEC DELIBERATIONS ON 20 SEPTEMBER 1994

- Encl: (1) Training Air Stations Military Value Matrix (with recomputed activity scores)  
(2) Naval Hospital Military Value Matrix (with computed military value weights)  
(3) Naval Shipyards and Ship Repair Facilities Military Value Matrix (with computed military value weights)  
(4) Naval Hospital Military Value Matrix (with recomputed military value weights)  
(5) Briefing Papers for Marine Corps Bases Capacity Analysis  
(6) Proposed Adjustments to Activity Universe  
(7) Briefing Papers for Meteorology and Oceanography Capacity Analysis  
(8) Briefing Papers for Capacity Analysis of Training Centers  
(9) Briefing Papers for Capacity Analysis of Administrative Activities  
(10) Fiscal Year 1995 Defense Authorization Bill Provisions Related to BRAC  
(11) Naval Station Military Value Matrix (Questions)

1. The twenty-sixth deliberative session of the Department of the Navy (DoN) Base Structure Evaluation Committee (BSEC) convened at 0911 on 20 September 1994 in the Base Structure Analysis Team (BSAT) Conference Room at the Center for Naval Analyses. The following members of the BSEC were present: Mr. Charles P. Nemfakos; Vice Admiral Richard Allen, USN; Vice Admiral William A. Earner, Jr., USN; Lieutenant General Harold W. Blot, USMC; and Lieutenant General James A. Brabham, USMC. The following members of the BSAT were present: Mr. Richard A. Leach; Mr. David Wennergren; Ms. Anne Rathmell Davis; Mr. Steve Belcher; Captain Brian V. Buzzell, USN; Captain Martha Bills, USN; Captain Richard R. Ozmun, JAGC, USN; Lieutenant Colonel Orval E. Nangle, USMC; Lieutenant Commander Steve Bertolacinni, USN; and Major Tom Gerke, USMC.

2. Mr. Wennergren briefed the BSEC on draft guidance that had been prepared to assist field activities in responding to the scenario development data calls. It is anticipated that the data calls will be released earlier in the BRAC-95 process than they were in the BRAC-93 process which will provide DoN activities more time for review and response.

Subj: REPORT OF BSEC DELIBERATIONS ON 20 SEPTEMBER 1994

3. Major Gerke briefed the BSEC on the recomputed military value scores for Training Air Stations (TAS) resulting from BSEC directed changes to individual questions (D9, D12, D13, F4, G2, and K27) in the TAS Military Value Matrix (enclosure (1)), as follows:

Pensacola:	76.90 (down from 77.09);
Kingsville:	75.79 (up from 74.29);
Corpus Christi:	74.96 (no change);
Meridian:	70.86 (down from 74.83); and
Whiting Field:	69.63 (no change)

The BSEC noted the relatively small changes in the TAS military value scores, and the less than 10% separation between the activity with the highest military value and the activity with the lowest military value. Concerning question K2 ("Is off base housing rental and purchase affordable?"), Major Gerke advised the BSEC that an analysis of off base housing rental affordability of all pay grades (through 07) supported the previous analysis of representative paygrades E6/03. Consequently, the BSEC directed that only Meridian and Whiting Field receive credit for question K2.

4. Captain Buzzell, Captain Bills, Lieutenant Commander Betolaccini, Major Gerke, and Mr. Belcher departed the session. Captain Michael Golembieski, MC, USN, and Commander Cindy DiLorenzo, MSC, USN, entered the meeting.

5. Captain Golembieski presented the results of the computed military value weights for each question and each section of the Naval Hospital Military Value Matrix. See enclosure (2).

a. The section on Mission Requirements had the highest military value weight with 38.4. The BSEC placed premium value on Naval Hospitals with unique missions that cannot be absorbed into the civilian community (e.g., underwater medicine, aviation medicine, and mobilization; see question 13). To more accurately reflect the intent of question 13, the BSEC directed that it be revised by adding the words "military medicine" after "unique" and before "mission."

b. The section on Features and Capabilities (20.3) and Location (12.8) placed, respectively, second and fourth in military value weight. The BSEC placed high value on Naval Hospitals whose capabilities could not be absorbed into the local community. See question 33.

c. The section on Quality of Life (QOL) placed third with a military value weight of 16.1. The BSEC noted that the QOL military value weight for Naval Hospitals was out of line with what had been scored for other subcategories. The BSEC decided that many of the QOL questions actually pertained to the host activity, and that it

Subj: REPORT OF BSEC DELIBERATIONS ON 20 SEPTEMBER 1994

was illogical to give credit for the questions to a "follow on" activity, such as a Naval Hospital. Consequently, the BSEC directed that the following questions be deleted from the QOL section: 51, 52, 53, 57, 64, and 65.

The BSEC noted that the construction followed in this subcategory placed higher value on larger facilities with unique military medicine specialty missions as opposed to general treatment facilities. The BSEC then directed the BSAT to recompute the military value weights after having made the above changes.

6. The BSEC recessed at 1020 and reconvened at 1037. All members of the BSEC present when the meeting recessed were present again. The following members of the BSAT were present: Mr. Leach, Ms. Rathmell Davis, Captain Ozmun, Lieutenant Colonel Nangle, and Commander Lou Biegeleisen, USN.

7. Commander Biegeleisen presented the BSEC with the computed military value weights for the Naval Shipyards and Ship Repair Facilities Military Value Matrix. The section on Drydocks had the greatest military value weight with 31.53. The BSEC thought this appropriate as premium value should be placed on facilities with extensive drydock capabilities to deal with unforeseen emergencies. The sections on Production Workload (29.55) and Cost and Manpower Factors (14.08) placed, respectively, second and third. Together these three sections accounted for a military value weight of 75.16. In the quality of life area, the sections on Quality of Life (3.32) and Crews of Customer Ships (3.25) totaled 6.57, together placing fifth out of the eight sections. The BSEC approved the matrix as presented and directed the BSAT to compute the scores for the individual Naval Shipyards and Ship Repair Facilities. See enclosure (3).

8. Commander Biegeleisen departed and Captain Golembieski entered the meeting.

9. Captain Golembieski advised the BSEC of the results of the changes it had directed concerning the Naval Hospitals Military Value Matrix. The military value weight of the section on Mission Requirements increased to 40.1 from 38.4, and remained the section with the highest military value weight. The section on Features and Capabilities increased to 21.2 from 20.3. The Quality of Life section decreased from 16.1 to 11.8. The BSEC approved the matrix as presented and directed the BSAT to apply the computed scores to the individual Naval Hospitals. See enclosure (4).

10. Captain Golembieski departed the session. Captain David Rose, USN, Captain Walter Vandivort, USNR, Captain Michael Nordeen, USN, Captain Kevin Ferguson, USN, and Colonel David Stockwell, USMC,

Subj: REPORT OF BSEC DELIBERATIONS ON 20 SEPTEMBER 1994

entered the meeting.

11. Colonel Stockwell briefed the BSEC on capacity analysis for Marine Corps Bases (MCB). Three MCBs were included in the analysis (Camp Lejuene, Camp Pendleton, and MCB Hawaii). The measures of capacity were: maintenance space (square feet); covered storage space (square feet); barracks (# of beds); messing (square feet); and administrative spaces (square feet). Excess capacity was treated as a composite of all MCBs. The net capacity results reflected that only limited excess capacity existed at the MCBs. Administrative space was the only excess capacity existing at all MCBs. The excess capacity analysis did not include roll-back of forward based non-aviation units. The BSEC determined that there was insufficient excess capacity to warrant continued analysis of the MCBs. See enclosure (5).

12. Commander Souders briefed the BSEC on the Proposed Adjustments to the Activity Universe. The Activity Universe consists of all DoN activities approved and considered by the BSEC for base closure. Under the current categorization of activities, Naval Amphibious Base (NAVPHIBASE) Coronado is considered as a Naval Station. Activity analysis indicates that NAVPHIBASE Coronado mission and infrastructure more closely resemble a Training Center than a Naval Station (e.g., no ship berthing capability, no ship maintenance capability, over 2,000 student seats in 9 formal school buildings, and extensive specialized school facilities). The BSEC approved the realignment of NAVPHIBASE Coronado to the Training Centers subcategory, subject to reversal should subsequent review of the Training Centers indicate that the realignment is inappropriate. Commander Souders also advised the BSEC that two Integrated Undersea Surveillance System activities (NOPF Ford Island, Hawaii, and NOPF Detachment, Alaska) had been closed outside the base closure and realignment process. Accordingly, the BSEC directed that the two activities be deleted from the DoN base activities list.

13. Captain Ferguson briefed the BSEC on capacity analysis for Meteorology and Oceanography activities. The majority of activities have greater than 80% usage of computer assets. Data gathering and distribution efforts are region specific and fleet oriented, with no remote system management identified. The BSEC determined that insufficient excess capacity existed to warrant further analysis of these activities. See enclosure (7).

14. Captain Rose, Captain Vandivort, Captain Nordeen, Captain Ferguson, Colonel Stockwell, and Commander Souders departed the meeting. Captain Buzzell, Captain Bills, Lieutenant Commander Bertolaccini, and Major Gerke entered the meeting.

15. Lieutenant Commander Bertolaccini briefed the BSEC on capacity

Subj: REPORT OF BSEC DELIBERATIONS ON 20 SEPTEMBER 1994

analysis for Training Centers, which included Fleet Concentration Activities, Non-Fleet Concentration Activities, and Degree Granting Institutions. For Fleet Concentration Activities capacity analysis was conducted by taking maximum class size and number of convenings for each course to determine the maximum number of students which could be put through training annually ("calculated maximum throughput"), and then comparing that number with the projected student throughput requirements for FY 2001. Additionally, the maximum student on board average (FY 92 & 94) was compared against FY 2001 average on board requirements. The same methodology was followed for Non-Fleet activities. The BSEC determined that excess capacity existed in the Training Centers (including both Fleet and Non-Fleet Training Centers areas), and directed the BSAT to continue forward with military value analysis of these areas. The BSEC also directed that capacity analysis for Degree Granting Institutions be deferred pending further development of measures of capacity. See enclosure (8).

16. The BSEC recessed at 1300 and reconvened at 1332. All members of the BSEC present when the meeting recessed were again present. The members of the BSAT present were: Mr. Leach, Ms. Murrel Coast, Ms. Rathmell Davis, Captain Golembieski, Captain Ozmun, and Lieutenant Colonel Nangle.

17. Lieutenant Colonel Nangle briefed the BSEC on capacity analysis for Administrative Activities. The methodology followed in measuring capacity was to measure potential capacity by the historic "high water mark" for workyears performed, with future requirements being measured by budgeted workyears. Excess capacity is determined by the number of workyears by which potential workyears exceed requirements. Capacity measure is checked against space occupied and planned space. All analyses exclude personnel and space transferred to other activities. The BSEC decided to omit those activities in the process of moving as a result of the BRAC-93 process from capacity analysis consideration as their size and space will be determined by budgetary considerations (e.g., Bureau of Naval Personnel, Naval Air Systems Command, and the Naval Supply Systems Command). The BSEC also directed that the Navy Brig at Philadelphia and the NAU at Idaho Falls be deleted from the activity list as activities that are to be closed. Once these activities are omitted from capacity analysis, the BSEC will review the results to determine the extent of excess capacity existing at Administrative Activities. See enclosure (9).

18. Lieutenant Colonel Nangle then briefed the BSEC on House and Senate FY 1995 Defense Authorization Bill provisions impacting BRAC. Concerning depot work percentage a major change was deleted. While maintaining the 40% limit, the Conference Committee deleted the House's change to the method of computing the percentage. The Act no longer requires inclusion of costs of maintenance and repair

Subj: REPORT OF BSEC DELIBERATIONS ON 20 SEPTEMBER 1994

workload above the unit level and the provision of materials and parts in computing the percentage. Consequently, this provision will have little impact on the amount of organic workload or the amount of work contracted out. Another major change was deleted regarding depot closing costs. The Conference Committee deleted the requirement in the House Bill that DoD consider the cost of closing a DoD Depot in any cost comparison of depot level work. This provision would have made outsourcing less competitive and could have resulted in an increase in work done in house. The Committee action means that there will be no impact on BRAC. The Conference Committee also deleted the House requirement that the Secretary of Defense maintain sufficient depot-level activities, facilities, and employees to carry out the House Bill's provisions. Another provision, section 338, precluded transfer of depot-level work valued at \$3,000,000 to performance by a contractor or another DoD facility unless it is based on merit-based selection among DoD activities or competition among private and public sector entities. This could impact DoN/DoD ability to assign workload from a closing activity. Additionally, the Conference Committee deleted a provision that required SECDEF to repay states, counties, and municipalities for any funds which they expended or obligated to assist the United States in establishing a military installation after January 1, 1985 which was selected for closure after January 1, 1993. However, the Committee directs SECDEF to include repayment of state, county, and municipality expenditures to establish such facilities in the calculation of COBRA used by DoD to determine the cost of closing a particular facility. (S. 2182 Conference Report, page 799). This increases COBRA costs of closure. See enclosure (10).

19. Colonel Stockwell, Captain Rose, Captain Nordeen, Captain Ferguson, Commander Souders, and Commander Heckelman entered the meeting.

20. Commander Souders briefed the BSEC on the draft questions for the Naval Station Military Value Matrix. The BSEC reviewed each question, section by section. See enclosure (11).

a. Ships Berthing. The questions in this section sought to determine a pier's capacity, versatility, and unique capabilities (e.g., the ability to berth CVNs, AEGIS cruisers, and/or Trident submarines).

b. Infrastructure and Environment. In a departure from previous matrices, questions concerning infrastructure and environment were combined into one section. The questions sought to ascertain an activity's ability to support current demand (e.g., gas, electric, and sewer requirements), as well as average MRP (1988-94) and area cost factors (less than 0.9 and between 0.9 & 1.0). The section also contained questions that previously had

Subj: REPORT OF BSEC DELIBERATIONS ON 20 SEPTEMBER 1994

been considered quality of life related (e.g., percentage of BEQ space for enlisted personnel/availability of adequate married family housing/active duty access to medical/dental care). The rationale being that active duty personnel facilities become part of an operational base requirement affecting readiness, and not only a support requirement or quality of life consideration.

The BSEC noted the difficulties that would be incurred by joining questions on Environment and Infrastructure into one section. Not only does it make it difficult to compare the value of sections within the Naval Station matrix, it also eliminates the basis for comparison with other matrices. The BSEC directed the BSAT to reconstruct the Naval Station Military Value Matrix in the traditional mode (e.g., Training Air Stations/Shipyards) for presentation at the next session. At that time the BSEC will review the two matrices.

21. Mr. Nemfakos briefed the BSEC on his upcoming brief to the Secretary of the Navy concerning the aspects of base closure. The BSEC concurred that the substance and format of the briefing presentation was comprehensive, accurate, and provided the most significant aspects of the BRAC-95 process.

22. The meeting adjourned at 1425.

  
RICHARD R. OZMUN  
Captain, JAGC, USN  
Recorder



DEPARTMENT OF THE NAVY  
OFFICE OF THE CHIEF OF NAVAL OPERATIONS  
2000 NAVY PENTAGON  
WASHINGTON, D.C. 20350-2000

Canc frp: Aug 95  
IN REPLY REFER TO

OPNAVNOTE 5450  
Ser 09B22/4U511394

26 AUG 1994

OPNAV NOTICE 5450

From: Chief of Naval Operations

Subj: **DISESTABLISHMENT OF NAVAL OCEAN PROCESSING FACILITY  
FORD ISLAND, PEARL HARBOR, HAWAII**

Ref: (a) OPNAVINST 5450.169D  
(b) SNDL, Part 2

1. **Purpose.** To implement Secretary of the Navy approval to disestablish subject shore activity assigned to the Chief of Naval Operations for command per reference (a).
2. **Background.** Disestablishment action results from continuing consolidation of IUSS operational responsibilities, decreased funding and fewer requirements due to worldwide political changes.
3. **Organizational Change.** Disestablish Naval Ocean Processing Facility Ford Island, Pearl Harbor, Hawaii effective 30 September 1994. The following applies:

Disestablishment

Effective Date

Commanding Officer  
Naval Ocean Processing Facility  
Ford Island  
Box 1395  
Pearl Harbor HI 96860-7650

30 September 1994

(SNDL: FB51)  
(PLA: NAVOCEANPROFAC FORD ISLAND HI)  
(Activity Code: 4486-500) (UIC: 68645)

4. **Action**

a. CINCPACFLT will take action to disestablish subject shore activity.

b. N09B22 will revise reference (b).

OPNAVNOTE 5450

20 APR 1994

5. Cancellation Contingency. This notice may be retained for reference purposes. The organization action will remain effective until changed by N09B.

  
F. J. HERRON  
ASSISTANT VICE CHIEF  
OF NAVAL OPERATIONS

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OPNAV Principal Officials

N09B22 (2), N87

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80

**CAPACITY ANALYSIS**

**DATA CALL WORK SHEET**

**FOR NAVAL FACILITIES: NOPF Ford Island**

**PRIMARY UIC: 68645**

(Insert this UIC in "Header A' on every page)

Category.....Operational Support

Sub-category.....IUSS

**\*\*\*\*\*If any responses are classified, attach separate  
classified annex.\*\*\*\*\***

**Naval Facilities Listing**

Type	Title	Location
NOPF	NOPF FORD ISLAND	PEARL HARBOR HI
NOPF	NOPF DAM NECK	DAM NECK VA
NAVFAC	NAVFAC WHIDBEY ISLAND	WHIDBEY IS. WA

Data for Capacity Analysis

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**FACILITY EQUIPMENT INFORMATION**

1. List the operations workstations/positions by function at your facility or controlled by your facility. For each position not located at your facility provide the location in the remarks section. Indicate the number of active and inactive positions and include the average percentage time each station is used. For all positions by function, provide the percentage of time that the position is out of service for maintenance.

Table 1.1

Position	Station Data Element	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001
MIDWAY ISLAND SONAR DATA RECORDERS	Active	1	*	*				
	Inactive	0	*	*				
	Percent Used	100%	*	*				
	Percent Maint.	Neg	*	*				
BARBERS POINT SONAR DATA RECORDERS	Active	1	1	**				
	Inactive	0	0	**				
	Percent Used	100%	100%	**				
	Percent Maint.	Neg	Neg	**				
SURTASS ACOUSTIC DISPLAY CONSOLES	Active	9	9	10				
	Inactive	0	0	0				
	Percent Used	100%	100%	100%				
	Percent Maint.	Neg	Neg	Neg				

SURTASS SONAR DATA RECORDERS (5-8 ARRAYS)	Active	100%	100%	***				
	Inactive	0%	0%	***				
	Percent Used	100%	100%	***				
	Percent Maint.	Neg	Neg	***				
INTER ARRAY PROCESSOR	Active	100%	100%	100%				
	Inactive	0%	0%	0%				
	Percent Used	100%	100%	100%				
	Percent Maint.	Neg	Neg	Neg				

(SEE ADDED PAGES)

**Key:**

- \* Removed from NOPF NOV 90
- \*\* Removed from NOPF OCT 92
- \*\*\* Removed from NOPF APR 92
- X Not an asset at this time
- Neg Negligible down time for maintenance.

ALL WORKSTATIONS WILL BE REMOVED NLT 30 SEP 94

2.a. List all facilities which can substitute operations workstations/positions for your operations workstations/positions with current equipment. Indicate the percentage of operations workstations/positions which provide similar coverage and the percentage of operations workstations/positions which are unique to your location.

2.a. All functions of workstations present at NOPF today can be duplicated at Naval Facility Whidbey Island except acoustic data from 2111, 2121, 2131, 2141, 2142, 2198. Workstations are not unique to NOPF but acoustic data is unique.

2.b. List any Naval Activity which could manage your assets on a remote basis. If additional funding is required to accomplish this remote operation, discuss the extent of the funding required and the use of the funds in detail.

2.b. Effective 30 September 1994 Naval Ocean Processing Facility Ford Island will be disestablished. Naval Facility Whidbey Island will assume all operations functions prior to 30 September 1994. Equipment currently at NOPF is being relocated to NAVFAC Whidbey Island or other sites for re-use and disposal.

SOURCE - CURRENT OPERATIONS OFFICER'S KNOWLEDGE OF COMMAND CONFIGURATION.

Table 1.1

Position	Station Data Element	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001
IAD/WBAR	Active	1	1	1				
	Inactive	0	0	0				
	Percent Used	100%	100%	100%				
	Percent Maint.	Neg	Neg	Neg				
SOSUS WORKSTATIONS	Active	X	X	X				
	Inactive	X	X	X				
	Percent Used	X	X	X				
	Percent Maint.	X	X	X				
TX SURTASS WORKSTATIONS	Active	X	X	X				
	Inactive	X	X	X				
	Percent Used	X	X	X				
	Percent Maint.	X	X	X				
SPARS	Active	X	2	2				
	Inactive	X	0	0				
	Percent Used	X	100%	100%				
	Percent Maint.	X	Neg	Neg				
LFAIR (OWNED BY JOHN HOPKINS UNIVERSITY) Low Frequency Active Intercept Receiver	Active	X	X	X				
	Inactive	X	X	X				
	Percent Used	X	X	X				
	Percent Maint.	X	X	X				

8 SOSUS WORKSTATIONS INSTALLED IN FY 94  
 3 TX WORKSTATIONS INSTALLED IN FY 94  
 1 LFAIR WORKSTATION INSTALLED IN FY 94

Table 1.1

Position	Station Data Element	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001
UNIVERSAL COMMUNICATIONS PROCESSOR	Active	13	13	11				
	Inactive	0	0	0				
	Percent Used	100%	100%	100%				
	Percent Maint.	Neg	Neg	Neg				
TARGET DATA PROCESSOR	Active	3	3	3				
	Inactive	0	0	0				
	Percent Used	100%	100%	100%				
	Percent Maint.	Neg	Neg	Neg				
RECORDER/ REPRODUCER	Active	3	3	3				
	Inactive	0	0	0				
	Percent Used	100%	100%	100%				
	Percent Maint.	Neg	Neg	Neg				
TACTICAL WATCH OFFICER	Active	1	1	1				
	Inactive	0	0	0				
	Percent Used	100%	100%	100%				
	Percent Maint.	Neg	Neg	Neg				
OPERATIONS WATCH OFFICER	Active	1	1	1				
	Inactive	0	0	0				
	Percent Used	100%	100%	100%				
	Percent Maint.	Neg	Neg	Neg				

Table 1.1

Position	Station Data Element	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001
OPERATIONS WATCH COORDINATOR	Active	1	1	1				
	Inactive	0	0	0				
	Percent Used	100%	100%	100%				
	Percent Maint.	Neg	Neg	Neg				
MANUAL PLOTS	Active	5	5	5				
	Inactive	0	0	0				
	Percent Used	100%	100%	100%				
	Percent Maint.	Neg	Neg	Neg				
OSIPS	Active	X	X	X				
	Inactive	X	X	X				
	Percent Used	X	X	X				
	Percent Maint.	X	X	X				
	Active							
	Inactive							
	Percent Used							
	Percent Maint.							
	Active							
	Inactive							
	Percent Used							
	Percent Maint.							

1 OSIPS (OCEAN SYSTEMS IMAGING PROCESS SYSTEM) INSTALLED IN FY 94.

3. List arrays/surtass ships that are located at or directly controlled by your facility. For each of the arrays/surtass ships provide the average number of days out of service (OOS) per year because of weather or maintenance.

Table 3.1

Arrays/ Surtass Ships	Yr Built/ Last Modern	Freq Range	FY 1989		FY 1990		FY 1991		FY 1992		FY 1993	
			OOS Maint Days	OOS Weather Days								
ADAK (a)	1962	VLF	13	0	0	0	0	0	0	0	0	0
ADAK (a)	1966	VLF	0	0	0	0	0	0	0	0	0	0
ADAK (a)	1971/1987	VLF	0	0	11	0	0	0	0	0	0	0
ADAK (a)	1972/1986	VLF	34	0	0	0	0	0	0	0	0	0
ADAK (a)	1972/1988	VLF	0	0	0	0	0	0	0	0	0	0
ADAK (a)	1980	VLF	11	0	0	0	0	0	9	0	0	0

Arrays/ Surtass Ships	Yr Built/ Last Modern	Freq Range	FY 1989		FY 1990		FY 1991		FY 1992		FY 1993	
			OOS Maint Days	OOS Weather Days								
MIDWAY ISLAND	1968	VLF	0	0	0	0	0	0	N/A	N/A	N/A	N/A
BARBERS POINT	1970	VLF	0	0	0	0	0	0	0	0	N/A	N/A
CONTENDE R	1983/1991	VLF	79	0	94	0	176	0	20	0	0	0
TRIUMPH	1984/1991	VLF	94	0	90	0	155	0	70	0	43	0
ASSURANC E	1984/1992	VLF	126	0	93	0	57	0	138	0	45	0
INDOMITA BLE	1985/1991	VLF	75	0	151	0	85	0	23	0	0	0

Arrays/ Surtass Ships	Yr Built/ Last Modern	Freq Range	FY 1989		FY 1990		FY 1991		FY 1992		FY 1993	
			OOS Maint Days	OOS Weather Days								
ASSERTIV E	1986/1991	VLF	74	0	100	0	125	0	103	0	56	0
AUDACIOU S	1988/1991	VLF	60	0	335	0	SPAWAR CNO SPEC.	CONTROL PROJ.	SPAWAR CNO SPEC.	CONTROL PROJ.	48	0
ADVENTUR OUS	1988/1991	VLF	108	0	82	0	135	0	0	0	0	0
TITAN	1989/1991	VLF	0	0	165	0	151	0	59	0	24	0
TENACIOU S	1989/1992	VLF	0	0	116	0	37	0	0	0	0	0
VICTORIO US	1991/1993	VLF	0	0	0	0	0	0	0	0	110	0

VLF = VERY LOW FREQUENCY

Arrays/ Surtass Ships	Yr Built/ Last Modern	Freq Range	FY 1989		FY 1990		FY 1991		FY 1992		FY 1993	
			OOS Maint Days	OOS Weather Days	OOS Maint Days	OOS Weather Days	OOS Maint Days	OOS Weather Days	OOS Maint Days	OOS Weather Days	OOS Maint Days	OOS Weather Days
EFFECTIV E	1991	VLF	0	0	0	0	0	0	0	0	NOT YET OPERATION AL	NOT YET OPERATIO NAL

VLF = VERY LOW FREQUENCY

NOTE - 2311 CEASED OPS IN NOV 1990  
 2411 CEASED OPS IN OCT 1992  
 ALL ADAK SERIES ARRAYS ARE REMOTED VIA SATELLITE TO NOPF FORD ISLAND.

NOTE - CEASE OPS DATES WERE TAKEN FROM COMMAND HISTORY. FREQUENCY RANGE TAKEN FROM "C" SCHOOL NOTES. ALL OTHER ARRAY DATA OBTAINED FROM COMUNDERSEASURVPAC AT&T RESIDENT ENGINEER. HISTORICAL DATA FOR OOS/WEATHER NOT RETRIEVABLE. CORPORATE MEMORY INDICATES MAXIMUM TIME OOS/WEATHER AVERAGE LESS THAN 1 WEEK PER SHIP PER YEAR.

SOURCE - (a) FILES OF TYCOM AT&T RESIDENT ENGINEER.  
 SOURCE - (b) MANAGER OF IUSS OPERATIONS CENTER SUPPORT DETACHMENT PEARL HARBOR.

4. Provide the required space in square feet for each of the functional workstation types to include active and inactive positions. Also include all other spaces required and annotate in the remarks section the primary use of the space.

Table 4.1

CAT CODE	Space Requirement	FY 1989	FY 1991	FY 1993	FY 1994	FY 1995	FY 1999	FY 2001
143-65	25000	25000	25000	25000	25000	25000	25000	25000
610-10	25000	25000	25000	25000	25000	25000	25000	25000
811-59	14000	14000	14000	14000	14000	14000	14000	14000
143-77	46264	46264	46264	46264	46264	46264	46264	46264
610-30	1120	1120	1120	1120	1120	1120	1120	1120
740-84	1120	1120	1120	1120	1120	1120	1120	1120
<b>TOTAL</b>		112504	112504	112504	112054	112504	112504	112504

Remarks:

NOTE: FROM CLASS II PROPERTY RECORDS FOR BLDG 77/A/B AND 87

**SPECIAL FEATURES and SERVICES**

5. For all operational reports transmitted from your facility, list the primary and any backup outgoing data routes and their destination points.

- A. Command and Control (C2): From NAVOCEANPROFAC Ford Island to SURTASS UNITS.
- B. Local Digital Message Exchange Link: COMUNDERSEASURVPAC/NAVOCEANPROFAC to NTCC CAMP SMITH for delivery to outside IUSS commands. Back-up
- C. Local Digital Message Exchange Link: COMUNDERSEASURVPAC/NAVOCEANPROFAC to NCTAMS EASTPAC HONOLULU HI for delivery to outside IUSS commands.
- D. Secure Acoustic Data Relay (SADR): From NAVOCEANPROFAC Ford Island to NAVFAC Whidbey Island.
- E. Secure Acoustic Data Relay (SADR): From COMUNDERSEASURVPAC to NAVFAC Whidbey Island.
- F. Secure Acoustic Data Relay (SADR): From COMUNDERSEASURVPAC to Yokosuka
- G. Teletype (TTY): From COMUNDERSEASURVPAC to NAVFAC Whidbey Island. Back-up
- H. Secure Faximile: Fiber Optics, various destinations.
- I. JOTS (DATA): Satellite, world wide.
- J. ASW TTY (DATA): Satellite, fleet units.

Reference - Intrgrated Undersea Surveillance System (Integrated Communications System) Operator's Reference Guide.

6. List all other services provided by your facility which were not captured by the above questions, include the unit of measure. (e.g. daily message delivery, data processing, etc.)

Table 6.1

SERVICES PROVIDED	UNITS	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	FY *
** - MAIL METERING				23.5K					
SUPPLY SUPPORT	# OF REQUISITIONS	2187	1142	1796					
PMS SUPPORT	MNRS			1400					
FACILITY'S MAINTENANCE (PMS ONLY)	MNRS			200					
CORRECTIVE MAINTENANCE	MNRS			2789					
CORRECTIVE MAINT ACTIONS	# PERFORMED			425					
FACILITY SUPPORT	MNRS			2000					
MESSAGES TRANSMITTED	# OF MESSAGES	37,000	24,000	32,225					

MESSAGES RECEIVED	# OF MESSAGES	179,981	126,511	92,125					
CMS PICKUP	# OF PICKUPS	16	16	16					
CUSP COMM SUPPORT	# OF HOURS	8760	8760	8760					

\*If maximum measurement unit of the service historically is not reflected in the fiscal years represented above (FY 1989-2001), complete this column with that data and indicate the fiscal year it represents.

Supply Note: Publications, Forms, Open Purchase, Printing, Stock Number Requisitions

Maintenance Reference: IUSS Quarterly Reliability, Maintainability and Availability. RPI can be an additional resource.

Communications Reference: COMM Logs and Reports maintained on file.

7. List all unique equipment, capabilities etc. located at or controlled by your facility. (e.g. Communication Switching Node, etc)

Communications Dept. - Intergrated Communications System (ICS): Message Data Processor/Communications Center Computer - AN/UYK44

\*\* - FY 93 NOPF Ford Island processed 10,092 pcs of mail.  
Rental and maintenance of Mail Metering machine \$2,170.48

Supply Dept Reference - Contract (Pitney Bowes) N00604-93-M-C388 PS Form 360-2A Record of Meter Registered Readings.

Communications Dept Reference - Integrated Undersea Surveillance System (Intergrated Communications System) Operators Reference Guide

8.a. Given no operational funding or manning limits, what modifications or improvements would you make to your facilities infrastructure to increase the capacity of your installation? Provide a description, cost estimates, and additional capacity gained.

N/A

8.b. What site modifications/facility improvements are budgeted in Presidential Budget 1995 through FY 1997 (including all BRACON) that would improve the capacity at your facility? Provide a description, cost, and additional capacity that could be realized.

N/A

8.c. Given unconstrained funding and manning levels, what Personnel Property Equipment (Class 3 & 4) would you change (add, delete, or modify) to increase your capacity? Provide a description, cost estimates, and additional capacity

that could be realized.

N/A

**8.d.** Are there any environmental, legal or other factors that inhibit further increase in capacity (e.g. encroachments, pollutant discharge, electromagnetic interference, etc.)? Provide details and possible solutions.

N/A

**PERSONNEL SUPPORT CAPACITY**

9.a. By facility Category Code Number (CCN), provide the usage requirements for each course of instruction required for all formal schools on your installation. Do not include requirements for maintaining unit readiness, GMT, sexual harassment, etc. Include all applicable 171-XX and 179-xx CCN's.

N/A

CCN: \_\_\_\_\_

Type of Training Facility	School	Type of Training	FY 1993 Requirements			FY 2001 Requirements		
			A	B	C	A	B	C

A = Students per year  
 B = Number of hours each student spends in this training facility for the type of training received  
 C = A X B

9.b. By Category Code Number (CCN), complete the following table for all training facilities aboard the installation. Include all 171-xx, 179-xx CCN's.

N/A

For example: In the category 171-10, a type of training facility is academic instruction classroom. If you have 10 classrooms with a capacity of 25 students per room, the design capacity would be 250. If these classrooms are available 8 hours a day for 300 days a year, the capacity in student hours per year would be 600,000.

CCN: \_\_\_\_\_

Type Training Facility	Total Number	Design Capacity (PN) <sup>1</sup>	Capacity (Student HRS/YR) <sup>2</sup>

<sup>1</sup> Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings, i.e., ranges. Design Capacity (PN) must reflect current use of the facilities.

<sup>2</sup> Describe how the Student HRS/YR value in the preceding table was derived.

10.a.. Provide data on the BOQs and BEQs assigned to your current plant account. The desired unit of measure for this capacity is people housed. Use CCN to differentiate between pay grades, i.e., E1-E4, E5-E6, E7-E9, CW0-02, 03 and above.

N/A

Facility Type, Bldg. # & CCN	Total No. of Beds	Total No. of Rooms	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft

10.b. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information:

- a. FACILITY TYPE/CODE:
- b. WHAT MAKES IT INADEQUATE?
- c. WHAT USE IS BEING MADE OF THE FACILITY?
- d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
- e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
- f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
- g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

N/A

11.a. Provide data on the BOQs and BEQs projected to be assigned to your plant account in FY 1997. The desired unit of measure for this capacity is people housed. Use CCN to differentiate between pay grades, i.e., E1-E4, E5-E6, E7-E9, CWO-02, 03 and above.

N/A

Facility Type, Bldg. # & CCN	Total No. of Beds	Total No. of Rooms	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft

11.b. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information:

- a. FACILITY TYPE/CODE:
- b. WHAT MAKES IT INADEQUATE?
- c. WHAT USE IS BEING MADE OF THE FACILITY?
- d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
- e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
- f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
- g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

N/A

12.a. Provide data on the messing facilities assigned to your current plant account.

N/A

Facility Type, CCN and Bldg. #	Total Sq. Ft.	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	Sq Ft	Seats	Sq Ft	Seats	Sq Ft	

12.b. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information:

- a. FACILITY TYPE/CODE:
- b. WHAT MAKES IT INADEQUATE?
- c. WHAT USE IS BEING MADE OF THE FACILITY?
- d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
- e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
- f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
- g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

N/A

13.a. Provide data on the messing facilities projected to be assigned to your plant account in FY 1997.

N/A

Facility Type, CCN and Bldg. #	Total Sq. Ft.	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	Sq Ft	Seats	Sq Ft	Seats	Sq Ft	

13.b. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information:

- a. FACILITY TYPE/CODE:
- b. WHAT MAKES IT INADEQUATE?
- c. WHAT USE IS BEING MADE OF THE FACILITY?
- d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
- e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
- f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
- g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

N/A

14. For military married family housing assigned to your plant account provide the following information:

N/A

Table 14.1

Type of Quarters	Number of Bedrooms	Total number of units	Number Adequate	Number Substandard	Number Inadequate
Officer	4+				
Officer	3				
Officer	1 or 2				
Enlisted	4+				
Enlisted	3				
Enlisted	1 or 2				
Mobile Homes					
Mobile Home lots					

In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified describe why the housing is inadequate; indicate how the housing is being used and list other possible uses; and specify the costs to remove the deficiencies that make it inadequate. Indicate current plans to remove these deficiencies and the amount of any programmed funds.

15. For personnel assigned to your base and tenant activities who live in government quarters other than yours, indicate the plant account holder UIC for their quarters.

W3RBAA

Source - Oahu Consolidated Family Housing Office (OCFHO)  
(main office - Ft Shafter)

NAF

~~NOF DET ADAK~~

(57099)

NAF

**BASE INFRASTRUCTURE**

16.a. Utilize Table 13.1 below to provide information on your activity's base infrastructure capacity and load.

**Table 16.1 Base Infrastructure Capacity & Load**

	On Base Capacity	Monthly Consumption	Normal Steady State Load	Peak Demand
Electrical Supply (KWH)	* - 18000 KW	** - 350,000 KWH	N/A	* - 620 KWH
Natural Gas (CFH)	N/A	N/A	N/A	N/A
Sewage (GPD)	N/A	*** - 35.1 KGAL	N/A	N/A
Potable Water (GPD)	N/A	** - 59.5 KGAL	N/A	N/A
Steam (lbm/Hr)	N/A	N/A	N/A	N/A
Long Term Parking	N/A	N/A	N/A	N/A
Short Term Parking	4	N/A	N/A	N/A

- \* - This reflects emergency diesel backup power and gauge readings.
- \*\* - These are actual annual consumption values from PWC Pearl Harbor meters and billings.
- \*\*\* - Calculated value from PWC portable water meters (63% of reading).

16.b. Maintenance, Repair & Equipment Expenditure Data: Use Table 13.2 (below) to provide data on facilities and equipment expenditures at your activity. Project expenditures to FY97. Do not include data on Detachments who have received this Data Call directly. The following definitions apply:

Maintenance of Real Property (MRP) Dollars: MRP is a budgetary term used to gather the expenses or budget requirements for facility work including recurring maintenance, major repairs & minor construction (non-MILCON) inclusive of all Major Claimant funded Special Projects. It is the amount of funds spent on or budgeted for maintenance and repair of real property assets to maintain the facility in satisfactory operating condition. For purposes of this Data Call MRP includes all M1/R1 and M2/R2 expenditures.

Current Plant Value (CPV) of Class 2 Real Property: The hypothetical dollar amount to replace a Class 2 facility in kind with today's dollars. Example: the cost today to replace a wood frame barracks with a wood frame barracks.

NOPF Det Adak

**BASE INFRASTRUCTURE**

16.a. Utilize Table 13.1 below to provide information on your activity's base infrastructure capacity and load.

**Table 16.1 Base Infrastructure Capacity & Load**

	On Base Capacity	Monthly Consumption	Normal Steady State Load	Peak Demand
Electrical Supply (KWH)	* - 1090 KW	57,600 KWH	57,600 KWH	N/A
Natural Gas (CFH)	NONE	NONE	NONE	NONE
Sewage (GPD)	N/A	39.6 KGAL	39.6 KGAL	N/A
Potable Water (GPD)	N/A	44 KGAL	44 KGAL	N/A
Steam (lbm/Hr)	NONE	NONE	NONE	NONE
Long Term Parking	48 SPACES	N/A	N/A	N/A
Short Term Parking	N/A	N/A	N/A	N/A

\* - Represents the two (2) 545 KW emergency diesel generators. Both will be in lay-up by October 1994.

Note: Figures in Table 16.1 were taken from our most recent monthly billing.

16.b. Maintenance, Repair & Equipment Expenditure Data: Use Table 13.2 (below) to provide data on facilities and equipment expenditures at your activity. Project expenditures to FY97. Do not include data on Detachments who have received this Data Call directly. The following definitions apply:

Maintenance of Real Property (MRP) Dollars: MRP is a budgetary term used to gather the expenses or budget requirements for facility work including recurring maintenance, major repairs & minor construction (non-MILCON) inclusive of all Major Claimant funded Special Projects. It is the amount of funds spent on or budgeted for maintenance and repair of real property assets to maintain the facility in satisfactory operating condition. For purposes of this Data Call MRP includes all M1/R1 and M2/R2 expenditures.

Current Plant Value (CPV) of Class 2 Real Property: The hypothetical dollar amount to replace a Class 2 facility in kind with today's dollars. Example: the cost today to replace a wood frame barracks with a wood frame barracks.

Acquisition Cost of Equipment (ACE): The total cumulative acquisition cost of all "personal property" equipment maintained at your activity which includes the cost of installed equipment directly related to mission execution, such as lab test equipment. Class 2 installed capital equipment that is an integral part of the facility will not be reported as ACE.

**Table 16.2 Maintenance, Repair & Equipment Expenditure Data for NOPF Ford Island (UIC: 68645 )**

Fiscal Year	MRP (\$M)	CPV (\$M)	ACE (\$M)
1985		*	
1986		*	
1987		*	
1988	\$ 0.18	*	
1989	\$ 0.19	*	
1990	\$ 0.19	*	
1991	\$ 0.31	*	\$33
1992	\$ 0.33	*	\$16
1993	\$ 0.26	*	\$19
1994	\$ 0.25	*	\$17
1995	\$ 0.0	*	\$0.0
1996	\$ 0.0	*	\$0.0
1997	\$ 0.0	*	\$0.0

\* - All property, class I and II, are owned by NAVSTA Pearl Harbor, NOPF is a tenant-only

**MRP references:**

- FY89 - NAVCOMPT FORM 2168-1 Resource Authorization-Amend 9 of 27 Sep 89.
- FY90 - NAVCOMPT FORM 2168-1 Resource Authorization-Amend 9 of 18 Sep 90.
- FY91 - NAVCOMPT FORM 2168-1 Resource Authorization-Amend 8 of 09 Sep 91.
- FY92 - NAVCOMPT FORM 2168-1 Resource Authorization-Amend 5 of 17 Sep 92.
- FY93 - NAVCOMPT FORM 2168-1 Resource Authorization-Amend 5 of 24 Sep 93.
- FY94 - NAVCOMPT FORM 2168-1 Resource Authorization-Amend 4 of 28 Apr 94.

**ACE references:**

- FY91 - Reconciliation of Plant Account-NAVCOMPT FORM 167 dtd 30 Sep 91.
- FY92 - Reconciliation of Plant Account-NAVCOMPT FORM 167 dtd 30 Sep 92.
- FY93 - Reconciliation of Plant Account-NAVCOMPT FORM 167 dtd 30 Sep 93.
- FY94 - Reconciliation of Plant Account-NAVCOMPT FORM 167 dtd 31 Mar 94.

Acquisition Cost of Equipment (ACE): The total cumulative acquisition cost of all "personal property" equipment maintained at your activity which includes the cost of installed equipment directly related to mission execution, such as lab test equipment. Class 2 installed capital equipment that is an integral part of the facility will not be reported as ACE.

Table 16.2 Maintenance, Repair & Equipment Expenditure Data  
for NOPF DET ADAK (UIC: 57099 )

Fiscal Year	MRP (\$M)	CPV (\$M)	ACE (\$M)
1985		**-\$8.6	#
1986		\$10.3	#
1987		\$10.4	#
1988	*-\$0.05	\$11.4	#
1989	\$0.07	\$11.6	#
1990	\$0.06	\$21.3	#
1991	\$0.08	\$21.3	##-\$21.5
1992	\$0.12	\$21.6	***
1993	\$0.07	\$22.5	
1994	\$0.02	***	
1995	\$0.02		
1996	\$0.03		
1997	\$0.03		

- \* - Values from CUSP financial reports and future estimates
- \*\* - Values from NAVFAC P-164
- \*\*\* - Property transfer for all class II to NAVAIRSTA Adak. Awaiting final draft
- # - No records available, in route to CUSP.
- ## - Value from NAVCOMP Form 167 dtd 30 Jun 93.

17. Real Estate Resources. Identify in the table below the real estate resources which have the potential to facilitate future development and for which you are the plant account holder or into which, though a tenant, your activity could reasonably expect to expand. Complete a separate table for each individual site, i.e., main base, outlying airfields, special off-site areas, etc. The unit of measure is acres. Developed area is defined as land currently with buildings, roads, and utilities where further development is not possible without demolition of existing improvements. Include in "Restricted" areas that are restricted for future development due to environmental constraints (e.g. wetlands, landfills, archaeological sites), operational restrictions (e.g. ESQD arcs, HERO, HERP, HERF, AICUZ, ranges) or cultural resources restrictions. Identify the reason for the restriction when providing the acreage in the table. Specify any entry in "Other" (e.g. submerged lands).

Site Location: NOPF Ford Island and NOPF Det Adak

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance				
Operational				
Training				
R & D				
Supply & Storage				
Admin				
Housing				
Recreational				
Navy Forestry Program				
Navy Agricultural Outlease Program				
Hunting/Fishing Programs				
Other				
<b>Total:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

68645 - All real estate belongs to host activity, NAVSTA Pearl Harbor, class I records not available to us.

57099 - All class I real estate belongs to host activity, NAVAIRSTA Adak. No records available to us.

BRAC-95 CERTIFICATION DATA CALL THIRTY SIX

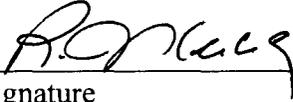
NOPF FORD ISLAND

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

R. J. KELLY

NAME (Please type or print)

  
Signature

Commander In Chief

Title

24 JUN 94  
Date

U. S. Pacific Fleet

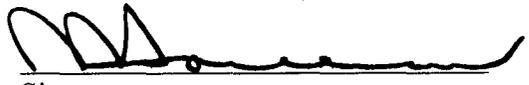
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)  
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

R. R. SAREERAM

NAME (Please type or print)

  
Signature

ACTING

Title

30 JUN 1994  
Date

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

M. L. Finch, CAPT  
NAME (Please type or print)

M L F  
SIGNATURE

COMUNDERSEASURVPAC  
TITLE

1 JUN 94  
DATE

COMUNDERSEASURVPAC  
ACTIVITY

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

\_\_\_\_\_  
NAME (Please type or print)

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
TITLE

\_\_\_\_\_  
DATE

\_\_\_\_\_  
ACTIVITY

I certify that the information herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

\_\_\_\_\_  
NAME (Please type or print)

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
TITLE

\_\_\_\_\_  
DATE

\_\_\_\_\_  
ACTIVITY

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)  
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

\_\_\_\_\_  
NAME (Please type or print)

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
TITLE

\_\_\_\_\_  
DATE

BRAC-95 CERTIFICATION

Reference: SECNAV NOTE 11000 dtd 8 Dec 93

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

I certify the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

K. K. Sims  
NAME (Please type or print)

COMMANDING OFFICER (ACTING)  
TITLE

Naval Ocean Processing Facility  
ACTIVITY Ford Island HI

KK Sims  
SIGNATURE

5/27/94  
DATE

**BSAT**

**BASE STRUCTURE ANALYSIS TEAM**

4401 Ford Avenue • Post Office Box 16268 • Alexandria, Virginia 22302-0268 • (703) 681-0490

RP-0350-F7  
BSAT/OZ  
20 SEP 1994

MEMORANDUM FOR THE BASE STRUCTURE EVALUATION COMMITTEE (BSEC)

Subj: REPORT OF BSEC DELIBERATIONS ON 20 SEPTEMBER 1994

- Encl:
- (1) Training Air Stations Military Value Matrix (with recomputed activity scores)
  - (2) Naval Hospital Military Value Matrix (with computed military value weights)
  - (3) Naval Shipyards and Ship Repair Facilities Military Value Matrix (with computed military value weights)
  - (4) Naval Hospital Military Value Matrix (with recomputed military value weights)
  - (5) Briefing Papers for Marine Corps Bases Capacity Analysis
  - (6) Proposed Adjustments to Activity Universe
  - (7) Briefing Papers for Meteorology and Oceanography Capacity Analysis
  - (8) Briefing Papers for Capacity Analysis of Training Centers
  - (9) Briefing Papers for Capacity Analysis of Administrative Activities
  - (10) Fiscal Year 1995 Defense Authorization Bill Provisions Related to BRAC
  - (11) Naval Station Military Value Matrix (Questions)

1. The twenty-sixth deliberative session of the Department of the Navy (DoN) Base Structure Evaluation Committee (BSEC) convened at 0911 on 20 September 1994 in the Base Structure Analysis Team (BSAT) Conference Room at the Center for Naval Analyses. The following members of the BSEC were present: Mr. Charles P. Nemfakos; Vice Admiral Richard Allen, USN; Vice Admiral William A. Earner, Jr., USN; Lieutenant General Harold W. Blot, USMC; and Lieutenant General James A. Brabham, USMC. The following members of the BSAT were present: Mr. Richard A. Leach; Mr. David Wennergren; Ms. Anne Rathmell Davis; Mr. Steve Belcher; Captain Brian V. Buzzell, USN; Captain Martha Bills, USN; Captain Richard R. Ozmun, JAGC, USN; Lieutenant Colonel Orval E. Nangle, USMC; Lieutenant Commander Steve Bertolacinni, USN; and Major Tom Gerke, USMC.

2. Mr. Wennergren briefed the BSEC on draft guidance that had been prepared to assist field activities in responding to the scenario development data calls. It is anticipated that the data calls will be released earlier in the BRAC-95 process than they were in the BRAC-93 process which will provide DoN activities more time for review and response.

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3. Major Gerke briefed the BSEC on the recomputed military value scores for Training Air Stations (TAS) resulting from BSEC directed changes to individual questions (D9, D12, D13, F4, G2, and K27) in the TAS Military Value Matrix (enclosure (1)), as follows:

Pensacola:	76.90 (down from 77.09);
Kingsville:	75.79 (up from 74.29);
Corpus Christi:	74.96 (no change);
Meridian:	70.86 (down from 74.83); and
Whiting Field:	69.63 (no change)

The BSEC noted the relatively small changes in the TAS military value scores, and the less than 10% separation between the activity with the highest military value and the activity with the lowest military value. Concerning question K2 ("Is off base housing rental and purchase affordable?"), Major Gerke advised the BSEC that an analysis of off base housing rental affordability of all pay grades (through 07) supported the previous analysis of representative paygrades E6/03. Consequently, the BSEC directed that only Meridian and Whiting Field receive credit for question K2.

4. Captain Buzzell, Captain Bills, Lieutenant Commander Betolaccini, Major Gerke, and Mr. Belcher departed the session. Captain Michael Golembieski, MC, USN, and Commander Cindy DiLorenzo, MSC, USN, entered the meeting.

5. Captain Golembieski presented the results of the computed military value weights for each question and each section of the Naval Hospital Military Value Matrix. See enclosure (2).

a. The section on Mission Requirements had the highest military value weight with 38.4. The BSEC placed premium value on Naval Hospitals with unique missions that cannot be absorbed into the civilian community (e.g., underwater medicine, aviation medicine, and mobilization; see question 13). To more accurately reflect the intent of question 13, the BSEC directed that it be revised by adding the words "military medicine" after "unique" and before "mission."

b. The section on Features and Capabilities (20.3) and Location (12.8) placed, respectively, second and fourth in military value weight. The BSEC placed high value on Naval Hospitals whose capabilities could not be absorbed into the local community. See question 33.

c. The section on Quality of Life (QOL) placed third with a military value weight of 16.1. The BSEC noted that the QOL military value weight for Naval Hospitals was out of line with what had been scored for other subcategories. The BSEC decided that many of the QOL questions actually pertained to the host activity, and that it

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was illogical to give credit for the questions to a "follow on" activity, such as a Naval Hospital. Consequently, the BSEC directed that the following questions be deleted from the QOL section: 51, 52, 53, 57, 64, and 65.

The BSEC noted that the construction followed in this subcategory placed higher value on larger facilities with unique military medicine specialty missions as opposed to general treatment facilities. The BSEC then directed the BSAT to recompute the military value weights after having made the above changes.

6. The BSEC recessed at 1020 and reconvened at 1037. All members of the BSEC present when the meeting recessed were present again. The following members of the BSAT were present: Mr. Leach, Ms. Rathmell Davis, Captain Ozmun, Lieutenant Colonel Nangle, and Commander Lou Biegeleisen, USN.

7. Commander Biegeleisen presented the BSEC with the computed military value weights for the Naval Shipyards and Ship Repair Facilities Military Value Matrix. The section on Drydocks had the greatest military value weight with 31.53. The BSEC thought this appropriate as premium value should be placed on facilities with extensive drydock capabilities to deal with unforeseen emergencies. The sections on Production Workload (29.55) and Cost and Manpower Factors (14.08) placed, respectively, second and third. Together these three sections accounted for a military value weight of 75.16. In the quality of life area, the sections on Quality of Life (3.32) and Crews of Customer Ships (3.25) totaled 6.57, together placing fifth out of the eight sections. The BSEC approved the matrix as presented and directed the BSAT to compute the scores for the individual Naval Shipyards and Ship Repair Facilities. See enclosure (3).

8. Commander Biegeleisen departed and Captain Golembieski entered the meeting.

9. Captain Golembieski advised the BSEC of the results of the changes it had directed concerning the Naval Hospitals Military Value Matrix. The military value weight of the section on Mission Requirements increased to 40.1 from 38.4, and remained the section with the highest military value weight. The section on Features and Capabilities increased to 21.2 from 20.3. The Quality of Life section decreased from 16.1 to 11.8. The BSEC approved the matrix as presented and directed the BSAT to apply the computed scores to the individual Naval Hospitals. See enclosure (4).

10. Captain Golembieski departed the session. Captain David Rose, USN, Captain Walter Vandivort, USNR, Captain Michael Nordeen, USN, Captain Kevin Ferguson, USN, and Colonel David Stockwell, USMC,

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entered the meeting.

11. Colonel Stockwell briefed the BSEC on capacity analysis for Marine Corps Bases (MCB). Three MCBs were included in the analysis (Camp Lejuene, Camp Pendleton, and MCB Hawaii). The measures of capacity were: maintenance space (square feet); covered storage space (square feet); barracks (# of beds); messing (square feet); and administrative spaces (square feet). Excess capacity was treated as a composite of all MCBs. The net capacity results reflected that only limited excess capacity existed at the MCBs. Administrative space was the only excess capacity existing at all MCBs. The excess capacity analysis did not include roll-back of forward based non-aviation units. The BSEC determined that there was insufficient excess capacity to warrant continued analysis of the MCBs. See enclosure (5).

12. Commander Souders briefed the BSEC on the Proposed Adjustments to the Activity Universe. The Activity Universe consists of all DoN activities approved and considered by the BSEC for base closure. Under the current categorization of activities, Naval Amphibious Base (NAVPHIBASE) Coronado is considered as a Naval Station. Activity analysis indicates that NAVPHIBASE Coronado mission and infrastructure more closely resemble a Training Center than a Naval Station (e.g., no ship berthing capability, no ship maintenance capability, over 2,000 student seats in 9 formal school buildings, and extensive specialized school facilities). The BSEC approved the realignment of NAVPHIBASE Coronado to the Training Centers subcategory, subject to reversal should subsequent review of the Training Centers indicate that the realignment is inappropriate. Commander Souders also advised the BSEC that two Integrated Undersea Surveillance System activities (NOFF Ford Island, Hawaii, and NOFF Detachment, Alaska) had been closed outside the base closure and realignment process. Accordingly, the BSEC directed that the two activities be deleted from the DoN base activities list.

13. Captain Ferguson briefed the BSEC on capacity analysis for Meteorology and Oceanography activities. The majority of activities have greater than 80% usage of computer assets. Data gathering and distribution efforts are region specific and fleet oriented, with no remote system management identified. The BSEC determined that insufficient excess capacity existed to warrant further analysis of these activities. See enclosure (7).

14. Captain Rose, Captain Vandivort, Captain Nordeen, Captain Ferguson, Colonel Stockwell, and Commander Souders departed the meeting. Captain Buzzell, Captain Bills, Lieutenant Commander Bertolaccini, and Major Gerke entered the meeting.

15. Lieutenant Commander Bertolaccini briefed the BSEC on capacity

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analysis for Training Centers, which included Fleet Concentration Activities, Non-Fleet Concentration Activities, and Degree Granting Institutions. For Fleet Concentration Activities capacity analysis was conducted by taking maximum class size and number of convenings for each course to determine the maximum number of students which could be put through training annually ("calculated maximum throughput"), and then comparing that number with the projected student throughput requirements for FY 2001. Additionally, the maximum student on board average (FY 92 & 94) was compared against FY 2001 average on board requirements. The same methodology was followed for Non-Fleet activities. The BSEC determined that excess capacity existed in the Training Centers (including both Fleet and Non-Fleet Training Centers areas), and directed the BSAT to continue forward with military value analysis of these areas. The BSEC also directed that capacity analysis for Degree Granting Institutions be deferred pending further development of measures of capacity. See enclosure (8).

16. The BSEC recessed at 1300 and reconvened at 1332. All members of the BSEC present when the meeting recessed were again present. The members of the BSAT present were: Mr. Leach, Ms. Murrel Coast, Ms. Rathmell Davis, Captain Golembieski, Captain Ozmun, and Lieutenant Colonel Nangle.

17. Lieutenant Colonel Nangle briefed the BSEC on capacity analysis for Administrative Activities. The methodology followed in measuring capacity was to measure potential capacity by the historic "high water mark" for workyears performed, with future requirements being measured by budgeted workyears. Excess capacity is determined by the number of workyears by which potential workyears exceed requirements. Capacity measure is checked against space occupied and planned space. All analyses exclude personnel and space transferred to other activities. The BSEC decided to omit those activities in the process of moving as a result of the BRAC-93 process from capacity analysis consideration as their size and space will be determined by budgetary considerations (e.g., Bureau of Naval Personnel, Naval Air Systems Command, and the Naval Supply Systems Command). The BSEC also directed that the Navy Brig at Philadelphia and the NAU at Idaho Falls be deleted from the activity list as activities that are to be closed. Once these activities are omitted from capacity analysis, the BSEC will review the results to determine the extent of excess capacity existing at Administrative Activities. See enclosure (9).

18. Lieutenant Colonel Nangle then briefed the BSEC on House and Senate FY 1995 Defense Authorization Bill provisions impacting BRAC. Concerning depot work percentage a major change was deleted. While maintaining the 40% limit, the Conference Committee deleted the House's change to the method of computing the percentage. The Act no longer requires inclusion of costs of maintenance and repair

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workload above the unit level and the provision of materials and parts in computing the percentage. Consequently, this provision will have little impact on the amount of organic workload or the amount of work contracted out. Another major change was deleted regarding depot closing costs. The Conference Committee deleted the requirement in the House Bill that DoD consider the cost of closing a DoD Depot in any cost comparison of depot level work. This provision would have made outsourcing less competitive and could have resulted in an increase in work done in house. The Committee action means that there will be no impact on BRAC. The Conference Committee also deleted the House requirement that the Secretary of Defense maintain sufficient depot-level activities, facilities, and employees to carry out the House Bill's provisions. Another provision, section 338, precluded transfer of depot-level work valued at \$3,000,000 to performance by a contractor or another DoD facility unless it is based on merit-based selection among DoD activities or competition among private and public sector entities. This could impact DoN/DoD ability to assign workload from a closing activity. Additionally, the Conference Committee deleted a provision that required SECDEF to repay states, counties, and municipalities for any funds which they expended or obligated to assist the United States in establishing a military installation after January 1, 1985 which was selected for closure after January 1, 1993. However, the Committee directs SECDEF to include repayment of state, county, and municipality expenditures to establish such facilities in the calculation of COBRA used by DoD to determine the cost of closing a particular facility. (S. 2182 Conference Report, page 799). This increases COBRA costs of closure. See enclosure (10).

19. Colonel Stockwell, Captain Rose, Captain Nordeen, Captain Ferguson, Commander Souders, and Commander Heckelman entered the meeting.

20. Commander Souders briefed the BSEC on the draft questions for the Naval Station Military Value Matrix. The BSEC reviewed each question, section by section. See enclosure (11).

a. Ships Berthing. The questions in this section sought to determine a pier's capacity, versatility, and unique capabilities (e.g., the ability to berth CVNs, AEGIS cruisers, and/or Trident submarines).

b. Infrastructure and Environment. In a departure from previous matrices, questions concerning infrastructure and environment were combined into one section. The questions sought to ascertain an activity's ability to support current demand (e.g., gas, electric, and sewer requirements), as well as average MRP (1988-94) and area cost factors (less than 0.9 and between 0.9 & 1.0). The section also contained questions that previously had

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been considered quality of life related (e.g., percentage of BEQ space for enlisted personnel/availability of adequate married family housing/active duty access to medical/dental care). The rationale being that active duty personnel facilities become part of an operational base requirement affecting readiness, and not only a support requirement or quality of life consideration.

The BSEC noted the difficulties that would be incurred by joining questions on Environment and Infrastructure into one section. Not only does it make it difficult to compare the value of sections within the Naval Station matrix, it also eliminates the basis for comparison with other matrices. The BSEC directed the BSAT to reconstruct the Naval Station Military Value Matrix in the traditional mode (e.g., Training Air Stations/Shipyards) for presentation at the next session. At that time the BSEC will review the two matrices.

21. Mr. Nemfakos briefed the BSEC on his upcoming brief to the Secretary of the Navy concerning the aspects of base closure. The BSEC concurred that the substance and format of the briefing presentation was comprehensive, accurate, and provided the most significant aspects of the BRAC-95 process.

22. The meeting adjourned at 1425.

  
RICHARD R. OZMUN  
Captain, JAGC, USN  
Recorder

**DATA CALL 65  
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

**Activity Identification:** Please complete the following table, identifying the activity for which this response is being submitted.

<b>Activity Name:</b>	<b>Commander, Naval Meteorology and Oceanography Command</b>
<b>UIC:</b>	<b>N00065</b>
<b>Major Claimant:</b>	<b>N/A</b>

**General Instructions/Background:**

Information requested in this data call is required for use by the Base Structure Evaluation Committee (BSEC), in concert with information from other data calls, to analyze both the impact that potential closure or realignment actions would have on a local community and the impact that relocations of personnel would have on communities surrounding receiving activities. In addition to Cost of Base Realignment Actions (COBRA) analyses which incorporate standard Department of the Navy (DON) average cost factors, the BSEC will also be conducting more sophisticated economic and community infrastructure analyses requiring more precise, activity-specific data. For example, activity-specific salary rates are required to reflect differences in salary costs for activities with large concentrations of scientists and engineers and to address geographic differences in wage grade salary rates.

Questions relating to "Community Infrastructure" are required to assist the BSEC in evaluating the ability of a community to absorb additional employees and functions as the result of relocation from a closing or realigning DON activity.

**Due to the varied nature of potential sources which could be used to respond to the questions contained in this data call, a block appears after each question, requesting the identification of the source of data used to respond to the question. To complete this block, identify the source of the data provided, including the appropriate references for source documents, names and organizational titles of individuals providing information, etc. Completion of this "Source of Data" block is critical since some of the information requested may be available from a non-DoD source such as a published document from the local chamber of commerce, school board, etc. Certification of data obtained from a non-DoD source is then limited to certifying that the information contained in the data call response is an accurate and complete representation of the information obtained from the source. Records must be retained by the certifying official to clearly document the source of any non-DoD information submitted for this data call.**

**DATA CALL 65  
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

**General Instructions/Background (Continued):**

The following notes are provided to further define terms and methodologies used in this data call. Please ensure that responses consistently follow this guidance:

**Note 1:** Throughout this data call, the term "activity" is used to refer to the DON installation that is the addressee for the data call.

**Note 2:** Periodically throughout this data call, questions will include the statement that the response should refer to the "area defined in response to question 1.b., (page 3)". Recognizing that in some large metropolitan areas employee residences may be scattered among many counties or states, the scope of the "area defined" may be limited to the sum of:

- those counties that contain government (DoD) housing units (as identified in 1.b.2)), and,
- those counties closest to the activity which, in the aggregate, include the residences of 80% or more of the activity's employees.

**Note 3:** Responses to questions referring to "civilians" in this data call should reflect federal civil service appropriated fund employees.

**1. Workforce Data**

a. **Average Federal Civilian Salary Rate.** Provide the projected FY 1996 average gross annual appropriated fund civil service salary rate for the activity identified as the addressee in this data call. This rate should include all cash payments to employees, and exclude non-cash personnel benefits such as employer retirement contributions, payments to former employees, etc.

<b>Average Appropriated Fund Civilian Salary Rate:</b>	<b>\$54,895</b>
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<b>Source of Data (1.a. Salary Rate): COMNAVMETOCCOM Headquarters</b>
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**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

**b. Location of Residence.** Complete the following table to identify where employees live. Data should reflect current workforce.

**1) Residency Table.** Identify residency data, by county, for both military and civilian (civil service) employees working at the installation (including, for example, operational units that are homeported or stationed at the installation). For each county listed, also provide the estimated average distance from the activity, in miles, of employee residences and the estimated average length of time to commute one-way to work. For the purposes of displaying data in the table, any county(s) in which 1% or fewer of the activity's employees reside may be consolidated as a single line entry in the table, titled "Other".

County of Residence	State	No. of Employees Residing in County		Percentage of Total Employees	Average Distance From Base (Miles)	Average Duration of Commute (Minutes)
		Military	Civilian			
Harrison	MS	7	12	26.8%	40	45
Hancock	MS	3	12	21.1%	22	30
St Tammany Parish	LA	12	10	31%	20	30
Pearl River	MS	5	9	19.7%	20	30
Jefferson Parish	LA	1	0	1.4%	60	70

= 100%

As discussed in Note 2 on Page 2, subsequent questions in the data call refer to the "area defined in response to question 1.b., (page 3)". In responding to these questions, the scope of the "area defined" may be limited to the sum of: a) those counties that contain government (DoD) housing units (as identified below), and, b) those counties closest to the activity which, in the aggregate, include the residences of 80% or more of the activity's employees.

**DATA CALL 65  
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

**2) Location of Government (DoD) Housing.** If some employees of the base live in government housing, identify the county(s) where government housing is located:

**No COMNAVMETOCCOM employees live in base housing. Closest government housing, BOQ, BEQ located on US Naval CBC Base Gulfport MS (UIC: N62604). CBC Gulfport is located in Harrison County MS approximately 40 miles from COMNAVMETOCCOM Stennis Space Center (NASA/SSC) MS.**

**Source of Data (1.b. 1) & 2) Residence Data): COMNAVMETOCCOM Headquarters  
Recall Bill**

**c. Nearest Metropolitan Area(s).** Identify all major metropolitan area(s) (i.e., population concentrations of 100,000 or more people) which are within 50 miles of the installation. If no major metropolitan area is within 50 miles of the base, then identify the nearest major metropolitan area(s) (100,000 or more people) and its distance(s) from the base.

City	County	Distance from base (miles)
New Orleans LA	Orleans Parish	50
Slidell LA	St Tammany	20
Gulfport/Biloxi MS	Harrison	40

**Source of Data (1.c. Metro Areas): NASA/SSC Environmental Resources Document**

**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

d. **Age of Civilian Workforce.** Complete the following table, identifying the age of the activity's civil service workforce.

Age Category	Number of Employees	Percentage of Employees
16 - 19 Years	0	0
20 - 24 Years	0	0
25 - 34 Years	1	2.3%
35 - 44 Years	10	23.3%
45 - 54 Years	21	48.8%
55 - 64 Years	11	28.6%
65 or Older	0	0
<b>TOTAL</b>	<b>43</b>	<b>100 %</b>

<b>Source of Data (1.d.) Age Data): Defense Civilian Personnel Data System</b>
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**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

**e. Education Level of Civilian Workforce**

1) **Education Level Table.** Complete the following table, identifying the education level of the activity's **civil service** workforce.

<b>Last School Year Completed</b>	<b>Number of Employees</b>	<b>Percentage of Employees</b>
<b>8th Grade or less</b>	0	0
<b>9th through 11th Grade</b>	0	0
<b>12th Grade or High School Equivalency</b>	8	18.6%
<b>1-3 Years of College</b>	6	14%
<b>4 Years of College (Bachelors Degree)</b>	9	20.9%
<b>5 or More Years of College (Graduate Work)</b>	20	46.5%
<b>TOTAL</b>	43	100 %

2) **Degrees Achieved.** Complete the following table for the activity's **civil service** workforce. Identify the number of employees with each of the following degrees, etc. To avoid double counting, only identify the highest degree obtained by a worker (e.g., if an employee has both a Master's Degree and a Doctorate, only include the employee under the category "Doctorate").

<b>Degree</b>	<b>Number of Civilian Employees</b>
Terminal Occupation Program - Certificate of Completion, Diploma or Equivalent (for areas such as technicians, craftsmen, artisans, skilled operators, etc.)	1
Associate Degree	2
Bachelor Degree	13
Masters Degree	13
Doctorate	3

**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

**Source of Data (1.e.1) and 2) Education Level Data): Defense Civilian Personnel Data System**

**f. Civilian Employment By Industry.** Complete the following table to identify by "industry" the type of work performed by civil service employees at the activity. The intent of this table is to attempt to stratify the activity civilian workforce using the same categories of industries used to identify private sector employment. Employees should be categorized based on their primary duties. Additional information on categorization of private sector employment by industry can be found in the Office of Management and Budget Standard Industrial Classification (SIC) Manual. However, you do not need to obtain a copy of this publication to provide the data requested in this table.

Note the following specific guidance regarding the "Industry Type" codes in the first column of the table: Even though categories listed may not perfectly match the type of work performed by civilian employees, please attempt to assign each civilian employee to one of the "Industry Types" identified in the table. However, only use the Category 6, "Public Administration" sub-categories when none of the other categories apply. Retain supporting data used to construct this table at the activity-level, in case questions arise or additional information is required at some future time. **Leave shaded areas blank.**

Industry	SIC Codes	No. of Civilians	% of Civilians
<b>1. Agriculture, Forestry &amp; Fishing</b>	01-09	0	0
<b>2. Construction</b> (includes facility maintenance and repair)	15-17	0	0
<b>3. Manufacturing</b> (includes Intermediate and Depot level maintenance)	20-39		
3a. Fabricated Metal Products (include ordnance, ammo, etc.)	34	0	0
3b. Aircraft (includes engines and missiles)	3721 et al	0	0
3c. Ships	3731	0	0
3d. Other Transportation (includes ground vehicles)	various	0	0

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**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

Industry	SIC Codes	No. of Civilians	% of Civilians
3e. Other Manufacturing not included in 3a. through 3d.	various	0	0
<b>Sub-Total 3a. through 3e.</b>	20-39	0	0
<b>4. Transportation/Communications/Utilities</b>	40-49		
4a. Railroad Transportation	40	0	0
4b. Motor Freight Transportation & Warehousing (includes supply services)	42	0	0
4c. Water Transportation (includes organizational level maintenance)	44	0	0
4d. Air Transportation (includes organizational level maintenance)	45	0	0
4e. Other Transportation Services (includes organizational level maintenance)	47	0	0
4f. Communications	48	3	7%
4g. Utilities	49	0	0
<b>Sub-Total 4a. through 4g.</b>	40-49	3	7%
<b>5. Services</b>	70-89		
5a. Lodging Services	70	0	0
5b. Personal Services (includes laundry and funeral services)	72	0	0
5c. Business Services (includes mail, security guards, pest control, photography, janitorial and ADP services)	73	5	11.6%
5d. Automotive Repair and Services	75	0	0
5e. Other Misc. Repair Services	76	0	0

**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

Industry	SIC Codes	No. of Civilians	% of Civilians
5f. Motion Pictures	78	1	2.3%
5g. Amusement and Recreation Services	79	0	0
5h. Health Services	80	0	0
5i. Legal Services	81	1	2.3%
5j. Educational Services	82	0	0
5k. Social Services	83	0	0
5l. Museums	84	0	0
5m. Engineering, Accounting, Research & Related Services (includes RDT&E, ISE, etc.)	87	3	7%
5n. Other Misc. Services	89	0	0
<b>Sub-Total 5a. through 5n.:</b>	70-89	10	23.2%
<b>6. Public Administration</b>	91-97		
6a. Executive and General Government, Except Finance	91	24	35.8%
6b. Justice, Public Order & Safety (includes police, firefighting and emergency management)	92	0	0
6c. Public Finance	93	6	14%
6d. Environmental Quality and Housing Programs	95	0	0
<b>Sub-Total 6a. through 6d.</b>		30	69.8%
<b>TOTAL</b>		43	100 %

**Source of Data (1.f.) Classification By Industry Data): Defense Civilian Personnel Data System**

**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

**g. Civilian Employment by Occupation.** Complete the following table to identify the types of "occupations" performed by civil service employees at the activity. Employees should be categorized based on their primary duties. Additional information on categorization of employment by occupation can be found in the Department of Labor Occupational Outlook Handbook. However, you do not need to obtain a copy of this publication to provide the data requested in this table.

Note the following specific guidance regarding the "Occupation Type" codes in the first column of the table: Even though categories listed may not perfectly match the type of work performed by civilian employees, please attempt to assign each civilian employee to one of the "Occupation Types" identified in the table. Refer to the descriptions immediately following this table for more information on the various occupational categories. Retain supporting data used to construct this table at the activity-level, in case questions arise or additional information is required at some future time. **Leave shaded areas blank.**

Occupation	Number of Civilian Employees	Percent of Civilian Employees
<b>1. Executive, Administrative and Management</b>	18	41.9%
<b>2. Professional Specialty</b>		
2a. Engineers	1	2.3%
2b. Architects and Surveyors	0	0
2c. Computer, Mathematical & Operations Research	2	4.7%
2d. Life Scientists	0	0
2e. Physical Scientists	9	20.9%
2f. Lawyers and Judges	0	0
2g. Social Scientists & Urban Planners	0	0
2h. Social & Recreation Workers	0	0
2i. Religious Workers	0	0
2j. Teachers, Librarians & Counselors	0	0
2k. Health Diagnosing Practitioners (Doctors)	0	0

**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

Occupation	Number of Civilian Employees	Percent of Civilian Employees
2l. Health Assessment & Treating(Nurses, Therapists, Pharmacists, Nutritionists, etc.)	0	0
2m. Communications	3	7%
2n. Visual Arts	2	4.7%
<b>Sub-Total 2a. through 2n.:</b>	18	41.9%
<b>3. Technicians and Related Support</b>		
3a. Health Technologists and Technicians	0	0
3b. Other Technologists	0	0
<b>Sub-Total 3a. and 3b.:</b>	0	0
<b>4. Administrative Support &amp; Clerical</b>	7	16.3%
<b>5. Services</b>		
5a. Protective Services (includes guards, firefighters, police)	0	0
5b. Food Preparation & Service	0	0
5c. Dental/Medical Assistants/Aides	0	0
5d. Personal Service & Building & Grounds Services (includes janitorial, grounds maintenance, child care workers)	0	0
<b>Sub-Total 5a. through 5d.</b>	0	0
<b>6. Agricultural, Forestry &amp; Fishing</b>	0	0
<b>7. Mechanics, Installers and Repairers</b>	0	0
<b>8. Construction Trades</b>	0	0
<b>9. Production Occupations</b>	0	0
<b>10. Transportation &amp; Material Moving</b>	0	0

**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

Occupation	Number of Civilian Employees	Percent of Civilian Employees
<b>11. Handlers, Equipment Cleaners, Helpers and Laborers</b> (not included elsewhere)	0	0
<b>TOTAL</b>	43	100 %

**Source of Data (1.g.) Classification By Occupation Data): Defense Civilian Personnel  
Data System**

**Description of Occupational Categories used in Table 1.g.** The following list identifies public and private sector occupations included in each of the major occupational categories used in the table. Refer to these examples as a guide in determining where to allocate appropriated fund civil service jobs at the activity.

1. **Executive, Administrative and Management.** Accountants and auditors; administrative services managers; budget analysts; construction and building inspectors; construction contractors and managers; cost estimators; education administrators; employment interviewers; engineering, science and data processing managers; financial managers; general managers and top executives; chief executives and legislators; health services managers; hotel managers and assistants; industrial production managers; inspectors and compliance officers, except construction; management analysts and consultants; marketing, advertising and public relations managers; personnel, training and labor relations specialists and managers; property and real estate managers; purchasing agents and managers; restaurant and food service managers; underwriters; wholesale and retail buyers and merchandise managers.
2. **Professional Specialty.** Use sub-headings provided.
3. **Technicians and Related Support.** Health Technologists and Technicians sub-category - self-explanatory. Other Technologists sub-category includes aircraft pilots; air traffic controllers; broadcast technicians; computer programmers; drafters; engineering technicians; library technicians; paralegals; science technicians; numerical control tool programmers.
4. **Administrative Support & Clerical.** Adjusters, investigators and collectors; bank tellers; clerical supervisors and managers; computer and peripheral equipment operators; credit clerks and authorizers; general office clerks; information clerks; mail clerks and messengers; material recording, scheduling, dispatching and distributing; postal clerks and mail carriers; records clerks; secretaries; stenographers and court reporters; teacher aides; telephone, telegraph and teletype operators; typists, word processors and data entry keyers.
5. **Services.** Use sub-headings provided.
6. **Agricultural, Forestry & Fishing.** Self explanatory.
7. **Mechanics, Installers and Repairers.** Aircraft mechanics and engine specialists; automotive body repairers; automotive mechanics; diesel mechanics; electronic equipment repairers; elevator installers and repairers; farm equipment mechanics; general maintenance mechanics; heating, air conditioning and refrigeration technicians; home appliance and power tool repairers, industrial machinery repairers; line installers and cable splicers; millwrights; mobile heavy equipment mechanics; motorcycle, boat and small engine mechanics; musical instrument repairers and tuners; vending machine servicers and repairers.

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**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

8. **Construction Trades.** Bricklayers and stonemasons; carpenters; carpet installers; concrete masons and terrazzo workers; drywall workers and lathers; electricians; glaziers; highway maintenance; insulation workers; painters and paperhangers; plasterers; plumbers and pipefitters; roofers; sheet metal workers; structural and reinforcing ironworkers; tilesetters.
9. **Production Occupations.** Assemblers; food processing occupations; inspectors, testers and graders; metalworking and plastics-working occupations; plant and systems operators, printing occupations; textile, apparel and furnishings occupations; woodworking occupations; miscellaneous production operations.
10. **Transportation & Material Moving.** Busdrivers; material moving equipment operators; rail transportation occupations; truckdrivers; water transportation occupations.
11. **Handlers, Equipment Cleaners, Helpers and Laborers** (not included elsewhere). Entry level jobs not requiring significant training.

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**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

**h. Employment of Military Spouses.** Complete the following table to provide estimated information concerning military spouses who are also employed in the area defined in response to question 1.b., above. **Do not fill in shaded area.**

1. Percentage of Military Employees Who Are Married:	75%
2. Percentage of Military Spouses Who Work Outside of the Home:	50%
3. Break out of Spouses' Location of Employment (Total of rows 3a. through 3d. should equal 100% and reflect the number of spouses used in the calculation of the "Percentage of Spouses Who Work Outside of the Home".	
3a. Employed "On-Base" - Appropriated Fund:	2*
3b. Employed "On-Base" - Non-Appropriated Fund:	0
3c. Employed "Off-Base" - Federal Employment:	0
3d. Employed "Off-Base" - Other Than Federal Employment	0

\* Of this number, 1 is a military spouse (military personnel married to military personnel) and is assigned at Naval Technical Training Unit (NTTU) Keesler AFB in Biloxi MS.

Source of Data (1.h.) Spouse Employment Data): COMNAVMETOCOM HQ
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**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

**2. Infrastructure Data.** For each element of community infrastructure identified in the two tables below, rate the community's ability to accommodate the relocation of additional functions and personnel to your activity. Please complete each of the three columns listed in the table, reflecting the impact of various levels of increase (20%, 50% and 100%) in the number of personnel working at the activity (and their associated families). In ranking each category, use one of the following three ratings:

- A - Growth can be accommodated with little or no adverse impact to existing community infrastructure and at little or no additional expense.
- B - Growth can be accommodated, but will require some investment to improve and/or expand existing community infrastructure.
- C - Growth either cannot be accommodated due to physical/environmental limitations or would require substantial investment in community infrastructure improvements.

**Table 2.a., "Local Communities":** This first table refers to the local community (i.e., the community in which the base is located) and its ability to meet the increased requirements of the installation.

**Table 2.b., "Economic Region":** This second table asks for an assessment of the infrastructure of the economic region (those counties identified in response to question 1.b., (page 3) - taken in the aggregate) and its ability to meet the needs of additional employees and their families moving into the area.

**For both tables, annotate with an asterisk (\*) any categories which are wholly supported on-base, i.e., are not provided by the local community. These categories should also receive an A-B-C rating. Answers for these "wholly supported on-base" categories should refer to base infrastructure rather than community infrastructure.**

**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

a. Table A: Ability of the local community to meet the expanded needs of the base.

1) Using the A - B - C rating system described above, complete the table below.

Category	20% Increase	50% Increase	100% Increase
Off-Base Housing	B	B	B
Schools - Public	A	A	A
Schools - Private	A	A	A
Public Transportation - Roadways	A	A	A
Public Transportation - Buses	A	A	A
Public Transportation - Rail	A	A	A
Fire Protection	A*	A*	A*
Police	A*	A*	A*
Health Care Facilities	A	A	A
Utilities:	-	-	-
Water Supply	A*	A*	A*
Water Distribution	A*	A*	A*
Energy Supply	A*	A*	A*
Energy Distribution	A*	A*	A*
Wastewater Collection	A*	A*	A*
Wastewater Treatment	A*	A*	A*
Storm Water Collection	A*	A*	A*
Solid Waste Collection and Disposal	A*	A*	A*
Hazardous/Toxic Waste Disposal	A*	A*	A*
Recreational Activities	A*	B*	B*

Remember to mark with an asterisk any categories which are wholly supported on-base.

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2) For each rating of "C" identified in the table on the preceding page, attach a brief narrative explanation of the types and magnitude of improvements required and/or the nature of any barriers that preclude expansion.

**NONE.**

**Source of Data (2.a. 1) & 2) - Local Community Table): NASA/SSC Center Operations  
Mississippi/Louisiana Area Chambers of Commerce**

**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

**b. Table B: Ability of the region described in the response to question 1.b. (page 3) (taken in the aggregate) to meet the needs of additional employees and their families relocating into the area.**

1) Using the A - B - C rating system described above, complete the table below.

Category	20% Increase	50% Increase	100% Increase
Off-Base Housing	B	B	B
Schools - Public	A	A	A
Schools - Private	A	A	A
Public Transportation - Roadways	A	A	A
Public Transportation - Buses	A	A	A
Public Transportation - Rail	A	A	A
Fire Protection	A	A	A
Police	A	A	A
Health Care Facilities	A	A	A
Utilities:	-	-	-
Water Supply	A	A	A
Water Distribution	A	A	A
Energy Supply	A	A	A
Energy Distribution	A	A	A
Wastewater Collection	A	A	A
Wastewater Treatment	A	A	A
Storm Water Collection	A	A	A
Solid Waste Collection and Disposal	A	A	A
Hazardous/Toxic Waste Disposal	A	A	A
Recreation Facilities	A	B	B

Remember to mark with an asterisk any categories which are wholly supported on-base.

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**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

2) For each rating of "C" identified in the table on the preceding page, attach a brief narrative explanation of the types and magnitude of improvements required and/or the nature of any barriers that preclude expansion.

**NONE.**

<p><b>Source of Data (2.b. 1) &amp; 2) - Regional Table): Gulfport Urban Development Commission, Louisiana Business Profile, Mississippi/Louisiana Area Chambers of Commerce.</b></p>
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**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

**3. Public Facilities Data:**

- a. **Off-Base Housing Availability.** For the counties identified in the response to question 1.b. (page 3), in the aggregate, estimate the current average vacancy rate for community housing. Use current data or information identified on the latest family housing market analysis. For each of the categories listed (rental units and units for sale), combine single family homes, condominiums, townhouses, mobile homes, etc., into a single rate:

Rental Units:            5.5%

Units for Sale:         8%

<b>Source of Data (3.a. Off-Base Housing): Mississippi Gulf Coast and Slidell LA Realtors</b>
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**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

**b. Education.**

1) Information is required on the current capacity and enrollment levels of school systems serving employees of the activity. Information should be keyed to the counties identified in the response to question 1.b. (page 3).

School District	County	Number of Schools			Enrollment		Pupil-to-Teacher Ratio		Does School District Serve Gov't Housing Units? *
		Elementary	Middle	High	Current	Max. Capacity	Current	Max. Ratio	
Hancock	Hancock	3	1	1	3061	3500	21/1	*	No
Bay St Louis/Waveland	Hancock	2	2	1	2323	2500	18/1	*	No
Harrison	Harrison	9	4	2	11300	11500	29/1	*	No
Biloxi	Harrison	7	3	1	6600	7600	24/1	*	Yes
Gulfport	Harrison	8	2	1	6362	7000	29/1	*	Yes
Long Beach	Harrison	3	1	1	3658	3800	19/1	*	Yes
Pass Christian	Harrison	2	1	1	1556	1700	15/1	*	No
Pearl River	Pearl River	2	-	1	2070	2090	20/1	*	No
Picayune	Pearl River	4	-	2	4000	4500	17/1	*	No
Slidell	St Tammany	19	18	6	30502	34000	18/1	-	No

\* Answer "Yes" in this column if the school district in question enrolls students who reside in government housing.

**\* The Mississippi maximum pupil to teacher ratio that would be allowed in the Mississippi Gulf Coast school system is:**

K - 4                      27/1  
5 - 12                      33/1

**Source of Data (3.b.1) Education Table):** Mississippi Gulf Coast School Districts and St Tammany Parish Public School District.

2) Are there any on-base "Section 6" Schools? If so, identify number of schools and current enrollment.

**None.**

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**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

**Source of Data (3.b.2) On-Base Schools): CNMOC HQ, CBC Gulfport MS**

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3) For the counties identified in the response to question 1.b. (page 3), in the aggregate, list the names of undergraduate and graduate colleges and universities which offer certificates, Associate, Bachelor or Graduate degrees :

**University of New Orleans**  
**Southern University (New Orleans)**  
**Loyola University (New Orleans)**  
**Xavier University (New Orleans)**  
**Dillard University (New Orleans)**  
**Southern Baptist Theological Seminary (New Orleans)**  
**University of Southern Mississippi - Gulf Park Campus**  
**Mississippi Gulf Coast Junior College**  
**Jefferson Davis Community College**  
**William Carey College on the Coast**  
**Pearl River Junior College**  
**Delgado Community College (Slidell LA)**

<b>Source of Data (3.b.3) Colleges): Coast Business Journal, Sun Herald - Guide to Gulf Coast Living</b>
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4) For the counties identified in the response to question 1.b. (page 3), in the aggregate, list the names and major curriculums of vocational/technical training schools:

**Hancock County Vocational Center**  
**Harrison County High School Vo/Tech Center**  
**Biloxi High School Vo/Tech Center**  
**Gulfport High School Vo/Tech Center**  
**Long Beach High School Vo/Tech Center**  
**Pass Christian High School Vo/Tech Center**  
**Gulf Coast Community College**  
**Pearl River County Vo/Tech**  
**Picayune Vo/Tech**  
**Pearl River Community College**  
**Slidell Technical Institute**

**Vocational Instruction is offered in the following areas:**

<b>Agriculture</b>	<b>Auto Mechanics</b>
<b>Business</b>	<b>Welding</b>

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**Marketing**  
**Home Economics**  
**Nursing**  
**Computers**  
**Food Service**

**Machine Shop**  
**Industrial Arts**  
**Manufacturing**  
**Quality Control**  
**Cosmetology**

**Source of Data (3.b.4) Vo-tech Training): National Aeronautics and Space Administration (NASA), Stennis Space Center, Center of Higher Learning; St Tammany Parish Public Schools Annual Report; Slidell Magazine, published by the Greater Slidell Area Chamber of Commerce; St Tammany Parish, Parish Profile; Pearl River Community College Bulletin; Gulf Coast Community College Bulletin; and, Sun Herald - Guide to Gulf Coast Living.**

**DATA CALL 65  
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

**c. Transportation.**

1) Is the activity served by public transportation?

	<u>Yes</u>	<u>No</u>
Bus:	<u>X*</u>	<u>   </u>
Rail:	<u>   </u>	<u>X</u>
Subway:	<u>   </u>	<u>X</u>
Ferry:	<u>   </u>	<u>X</u>

**\* Public transportation services are limited at NASA/SSC and nearby communities. Eight bus routes, including a NASA/SSC on-base shuttle and express service from NASA/SSC to Gulfport, is provided by Coast Area Transit and Coastliner. Most NASA/SSC employees commute in private/car pool automobiles.**

**Source of Data (3.c.1) Transportation): NASA/SSC and Sun Herald - Guide to Gulf Coast Living**

2) Identify the location of the nearest passenger railroad station (long distance rail service, not commuter service within a city) and the distance from the activity to the station.

**Passengers can board AMTRAK in Picayune, Mississippi. Tickets can be purchased on train, or if on government orders tickets can be purchased through the SATO. Railroad stations are located in New Orleans, LA (55 miles), and Hattiesburg, MS (65 miles). As of 1993, AMTRAK stations are located in Bay St Louis, Gulfport, Biloxi and Pascagoula where three-day-per-week service is available between Miami and Los Angeles.**

**Source of Data (3.c.2) Transportation): Mississippi/Louisiana Chambers of Commerce and Sun Herald - Guide to Gulf Coast Living**

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**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

3) Identify the name and location of the nearest commercial airport (with public carriers, e.g., USAIR, United, etc.) and the distance from the activity to the airport.

**The Gulfport/Biloxi Regional Airport is located approximately 45 miles from the Stennis Space Center. The New Orleans International Airport is approximately 65 miles from the Stennis Space Center.**

**Source of Data (3.c.3) Transportation): Mississippi/Louisiana Chambers of Commerce, Coast Business Journal, Navy Travel Office, St Tammany Parish Profile.**

4) How many carriers are available at this airport?

**The Gulfport/Biloxi Regional Airport is serviced by the following four airlines:**

- 1. American Eagle**
- 2. ASA-Delta**
- 3. Continental Express**
- 4. Northwest Airlink**

**Source of Data (3.c.4) Transportation): Sun Herald - Guide to Gulf Coast Living**

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**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

5) What is the Interstate route number and distance, in miles, from the activity to the nearest Interstate highway?

**Interstates 10 and 59 serve the Stennis Space Center area. Interstate 10 is located approximately 3 miles south of the site and Interstate 59 is located approximately 5 miles from the northwestern corner of SSC.**

<b>Source of Data (3.c.5) Transportation): NASA/SSC Environmental Resources Document.</b>
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6) Access to Base:

a) Describe the quality and capacity of the road systems providing access to the base, specifically during peak periods. (Include both information on the area surrounding the base and information on access to the base, e.g., numbers of gates, congestion problems, etc.)

**The quality and capacity of the roads to the Stennis Space Center is excellent. Direct access to and through SSC from I-10 and I-59 is provided by Mississippi Highway 607. The highway is closed to the general public within the Fee Area and checkpoints exist at both entrances to SSC (2 gates). There is no congestion on any of the road systems providing access to Stennis Space Center, even during peak periods.**

b) Do access roads transit residential neighborhoods?

**No. No access through residential areas.**

c) Are there any easements that preclude expansion of the access road system?

**No. There are no easements that preclude expansion of the access road system. There is, however, a 6 mile buffer zone that surrounds SSC and serves to inhibit expansion/encroachment of any kind.**

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**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

d) Are there any man-made barriers that inhibit traffic flow (e.g., draw bridges, etc.)?

**No. There are no man-made barriers to inhibit traffic flow. There is one drawbridge on Stennis Space Center consisting of man-made locks for on-site movement of NASA related barge traffic.**

**Source of Data (3.c.6) Transportation): NASA/SSC Base Master Plan.**

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- d. **Fire Protection/Hazardous Materials Incidents.** Does the activity have an agreement with the local community for fire protection or hazardous materials incidents? Explain the nature of the agreement and identify the provider of the service.

**Fire Protection and Hazardous Materials incident clean-up is provided by the host activity, NASA/SSC, on a 24 hour per day, year round basis. The Fee Area and Buffer Zone are approximately 138,690 acres of wooded and grassy areas. Fire protection is provided for the entire area. In addition, mutual aid responsibilities have been established with landowner corporations in the Buffer Zone and several nearby municipalities which include the following:**

**Diamondhead, MS  
St Tammany, LA  
Bay St Louis, MS  
Gulfport, MS  
Pass Christian, MS  
Picayune, MS  
Waveland, MS  
International Paper**

**The mutual aid agreement provides terms under which the various fire fighting organizations agree to lend equipment and personnel to the facility and municipality in need of assistance.**

<b>Source of Data (3.d. Fire/Hazmat): NASA/SSC Environmental Resources Document.</b>
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- e. **Police Protection.**

- 1) What is the level of legislative jurisdiction held by the installation?

**Stennis Space Center is under proprietary jurisdiction of the Hancock County Sheriff's Department.**

- 2) If there is more than one level of legislative jurisdiction for installation property, provide a brief narrative description of the areas covered by each level of legislative jurisdiction and whether there are separate agreements for local law enforcement protection.

**While there is only one level of jurisdiction at SSC, this does not prohibit SSC from enforcing Federal Laws under U.S. Code. NASA/SSC may try violations of federal law in county courts under the "assimilation section" of Title 18, U.S.C.**

**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

3) Does the activity have a specific written agreement with local law enforcement concerning the provision of local police protection?

**The Naval Meteorology and Oceanography Command's site security is provided by the host activity - NASA/SSC. The current Host/Tenant Agreement states that NASA will provide for the security of COMNAVMETOCCOM personnel and the facilities they occupy.**

**NASA/SSC has a Memorandum of Agreement with the Hancock County Sheriff's Department. This is necessary because NASA/SSC is a U.S. Government installation within the boundaries of Hancock County, MS. The agreement authorizes the Sheriff's Deputies to effect arrests and assist NASA/SSC in the completion of criminal investigations on the site.**

4) If agreements exist with more than one local law enforcement entity, provide a brief narrative description of whom the agreement is with and what services are covered.

**In addition to the Host/Tenant agreement between COMNAVMETOCCOM and NASA, the local Naval Criminal Investigative Service (NCIS) provides security assistance to COMNAVMETOCCOM.**

5) If military law enforcement officials are routinely augmented by officials of other federal agencies (BLM, Forest Service, etc.), identify any written agreements covering such services and briefly describe the level of support received.

**Not applicable to Stennis Space Center.**

**Source of Data (3.e. 1) - 5) - Police): NASA Security Manager and NASA/Navy ISSA.**

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**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

f. **Utilities.**

1) Does the activity have an agreement with the local community for water, refuse disposal, power or any other utility requirements? Explain the nature of the agreement and identify the provider of the service.

**All services (e.g., water, refuse disposal, power, etc.) are provided to COMNAVMETOCCOM by the host activity, NASA/SSC, on a reimbursable basis.**

2) Has the activity been subject to water rationing or interruption of delivery during the last five years? If so, identify time period during which rationing existed and the restrictions imposed. Were activity operations affected by these situations? If so, explain extent of impact.

**No, none.**

3) Has the activity been subject to any other significant disruptions in utility service, e.g., electrical "brown outs", "rolling black outs", etc., during the last five years? If so, identify time period(s) covered and extent/nature of restrictions/disruption. Were activity operations affected by these situations? If so, explain extent of impact.

**No, none.**

**Source of Data (3.f. 1) - 3) Utilities): NASA/SSC/Navy Host/Tenant Memorandum of Understanding (MOU) and ISSA.**

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**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

4. **Business Profile.** List the top ten employers in the geographic area defined by your response to question 1.b. (page 3), taken in the aggregate, (include your activity, if appropriate):

Employer	Product/Service	No. of Employees
1. Casino Industry	Gaming	19,655
2. Ingall's Shipbuilding	Shipbuilding	14,000
3. Keesler Air Force Base	DOD	13,400
4. Naval Construction Battalion Center, Gulfport	DOD	4,400
5. Stennis Space Center	Federal	3,900
6. St Tammany Parish School District	Education	2,800
7. Memorial Hospital, Gulfport	Medical Services	1,655
8. VA Medical Center	Medical Services	1,427
9. Harrison County School District	Education	1,300
10. Mississippi Power Company	Electric/Utilities	1,191

**Source of Data (4. Business Profile): Sun Herald - Guide to Gulf Coast Living and Louisiana Business Profile.**

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**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

**5. Other Socio-Economic Impacts.** For each of the following areas, describe other recent (past 5 years), on-going or projected economic impacts (both positive and negative) on the geographic region defined by your response to question 1.b. (page 3), in the aggregate:

a. Loss of Major Employers:

**The closing of the Mississippi Army Ammunition Plant (MSAAP) at Stennis Space Center.**

**Closing of Anchor Glass Company.**

b. Introduction of New Businesses/Technologies:

**Since 1992, Mississippi Gaming Industries has seen the opening of 13 Casinos on the Gulf Coast (Harrison and Hancock Counties).**

**Several manufacturing plants/companies have visited and expressed an interest in the facilities at the now deactivated Mississippi Army Ammunition Plant (MSAAP). Local politicians have been active in their efforts to lure prospective companies to use the MSAAP.**

c. Natural Disasters:

**There have been no natural disasters to the local area in the past 5 years. The area is vulnerable to hurricanes from 1 June to 1 November of each year. Hurricane preparedness is of major concern in the surrounding coastal areas. Tropical weather has been known to cause severe disruption of normal day-to-day activities. Electrical power, communications, water, and access roads can all be affected with the strike of a hurricane or tropical storm to the coastal region.**

d. Overall Economic Trends:

**The Mississippi coastal area has been going through a recent boom in economy due to the introduction of Dockside Gambling in 1992. This has also spurred the local economy in the areas of service industry, construction and home building. The Louisiana economy, historically driven by the petroleum industry and tourism, has remained stable. Although Louisiana has seen reductions in Petroleum Industries and tourism, Southeastern Louisiana has also felt the effects of the economic boom to the Mississippi Gulf Coast due to the introduction of the Gaming Industry.**

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**Source of Data (5. Other Socio/Econ): Mississippi/Louisiana Area Chambers of Commerce, Coast Business Journal, Gulfport Urban Development Commission, Louisiana Business Profile.**

**6. Other.** Identify any contributions of your activity to the local community not discussed elsewhere in this response.

**COMNAVMETOCCOM contributions to the local community include:**

**Sponsoring of the construction (volunteer) of a Youth Soccer Complex in Bay St Louis, MS.**

**Sponsor of annual Special Olympics.**

**Various Adopt-A-School and school assistance programs.**

**Participation in Job CO-OP for local Colleges/Universities and Stay-In School programs.**

**Source of Data (6. Other): COMNAVMETOCCOM Public Affairs**

BRAC-95 CERTIFICATION

Reference: SECNAV NOTE 11000 dtd 8 Dec 93

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

I certify the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

C. A. Peterson, CAPT, USN  
NAME (Please type of print)

Acting  
Title

Naval Meteorology and Oceanography Command  
Activity

CA Peterson  
Signature

19 July 94  
Date

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

\_\_\_\_\_  
NAME (Please type or print

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

\_\_\_\_\_  
NAME (Please type of print

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Activity

In certify that the information herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

C. A. Peterson, CAPT, USN  
NAME (Please type or print

*Craig A. Peterson*  
Signature

Acting  
Title

19 July 94  
Date

Naval Meteorology and Oceanography Command  
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)  
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)  
W. A. EARNER

\_\_\_\_\_  
NAME (Please type of print

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

8/1/94  
Date

BRAC-95 CERTIFICATION

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

Robert P. Garrett, CDR, USN  
NAME (Please type or print)



Signature

Division Head  
Title

7/14/94  
Date

Manpower/Personnel/Training  
Division

Resources Department  
Department

COMNAVMETOCOM  
Activity

Enclosure (1)

**DATA CALL 66  
INSTALLATION RESOURCES**

**Activity Information:**

Activity Name:	COMNAVMETOCCOM
UIC:	N00065
Host Activity Name (if response is for a tenant activity):	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, STENNIS SPACE CENTER MS
Host Activity UIC:	N/A

**General Instructions/Background.** A separate response to this data call must be completed for each Department of the Navy (DON) host, independent and tenant activity which separately budgets BOS costs (regardless of appropriation), and, is located in the United States, its territories or possessions.

**1. Base Operating Support (BOS) Cost Data.** Data is required which captures the total annual cost of operating and maintaining Department of the Navy (DON) shore installations. Information must reflect FY 1996 budget data supporting the FY 1996 NAVCOMPT Budget Submit. Two tables are provided. Table 1A identifies "Other than DBOF Overhead" BOS costs and Table 1B identifies "DBOF Overhead" BOS costs. These tables must be completed, as appropriate, for all DON host, independent or tenant activities which separately budget BOS costs (regardless of appropriation), and, are located in the United States, its territories or possessions. Responses for DBOF activities may need to include both Table 1A and 1B to ensure that all BOS costs, including those incurred by the activity in support of tenants, are identified. If both table 1A and 1B are submitted for a single DON activity, please ensure that no data is double counted (that is, included on both Table 1A and 1B). The following tables are designed to collect all BOS costs currently budgeted, regardless of appropriation, e.g., Operations and Maintenance, Research and Development, Military Personnel, etc. Data must reflect FY 1996 and should be reported in thousands of dollars.

**a. Table 1A - Base Operating Support Costs (Other Than DBOF Overhead).** This Table should be completed to identify "Other Than DBOF Overhead" Costs. Display, in the format shown on the table, the O&M, R&D and MPN resources currently budgeted for BOS services. O&M cost data must be consistent with data provided on the BS-1 exhibit. Report only direct funding for the activity. Host activities should not include reimbursable support provided to tenants, since tenants will be separately reporting these costs. Military personnel costs should be included on the appropriate lines of the table. Please ensure that individual lines of the table do not include duplicate costs. Add additional lines to the table (following line 2j., as necessary, to identify any additional cost elements not currently shown). Leave shaded areas of table blank.

**DATA CALL 66  
INSTALLATION RESOURCES**

<b>Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)</b>			
<b>Activity Name: COMNAVMETOCCOM</b>		<b>UIC: N00065</b>	
Category	FY 1996 BOS Costs (\$000)		
	Non-Labor	Labor	Total
<b>1. Real Property Maintenance Costs:</b>			
1a. Maintenance and Repair	0	0	0
1b. Minor Construction	0	0	0
<b>1c. Sub-total 1a. and 1b.</b>	0	0	0
<b>2. Other Base Operating Support Costs:</b>			
2a. Utilities	36	0	36
2b. Transportation	0	0	0
2c. Environmental	0	0	0
2d. Facility Leases	447	0	447
2e. Morale, Welfare & Recreation	0	0	0
2f. Bachelor Quarters	0	0	0
2g. Child Care Centers	0	0	0
2h. Family Service Centers	0	0	0
2i. Administration	562	1483	2045
2j. Other (Specify) <b>Other Base Support</b>	140	50	190
<b>2k. Sub-total 2a. through 2j:</b>	1185	1533	2718
<b>3. Grand Total (sum of 1c. and 2k.):</b>	1185	1533	2718

**DATA CALL 66  
INSTALLATION RESOURCES**

**b. Funding Source.** If data shown on Table 1A reflects more than one appropriation, then please provide a break out of the total shown for the "3. Grand-Total" line, by appropriation:

<u>Appropriation</u>	<u>Amount (\$000)</u>
O&M,N	2536
MP,N	182

**c. Table 1B - Base Operating Support Costs (DBOF Overhead).** This Table should be submitted for all current DBOF activities. Costs reported should reflect BOS costs supporting the DBOF activity itself (usually included in the G&A cost of the activity). For DBOF activities which are tenants on another installation, total cost of BOS incurred by the tenant activity for itself should be shown on this table. It is recognized that differences exist among DBOF activity groups regarding the costing of base operating support: some groups reflect all such costs only in general and administrative (G&A), while others spread them between G&A and production overhead. Regardless of the costing process, all such costs should be included on Table 1B. The Minor Construction portion of the FY 1996 capital budget should be included on the appropriate line. Military personnel costs (at civilian equivalency rates) should also be included on the appropriate lines of the table. Please ensure that individual lines of the table do not include duplicate costs. Also ensure that there is no duplication between data provided on Table 1A. and 1B. These two tables must be mutually exclusive, since in those cases where both tables are submitted for an activity, the two tables will be added together to estimate total BOS costs at the activity. Add additional lines to the table (following line 21., as necessary, to identify any additional cost elements not currently shown). **Leave shaded areas of table blank.**

Other Notes: All costs of operating the five Major Range Test Facility Bases at DBOF activities (even if direct RDT&E funded) should be included on Table 1B. Weapon Stations should include underutilized plant capacity costs as a DBOF overhead "BOS expense" on Table 1B..

**DATA CALL 66  
INSTALLATION RESOURCES**

<b>Table 1B - Base Operating Support Costs (DBOF Overhead)</b>			
<b>Activity Name: COMNAVMETOCCOM (NON-DBOF ACTIVITY)</b>		<b>UIC: N00065</b>	
Category	FY 1996 Net Cost From UC/FUND-4 (\$000)		
	Non-Labor	Labor	Total
<b>1. Real Property Maintenance Costs:</b>			
1a. Real Property Maintenance (> \$15K)	N/A	N/A	N/A
1b. Real Property Maintenance (< \$15K)	N/A	N/A	N/A
1c. Minor Construction (Expensed)	N/A	N/A	N/A
1d. Minor Construction (Capital Budget)	N/A	N/A	N/A
<b>1c. Sub-total 1a. through 1d.</b>	N/A	N/A	N/A
<b>2. Other Base Operating Support Costs:</b>			
2a. Command Office	N/A	N/A	N/A
2b. ADP Support	N/A	N/A	N/A
2c. Equipment Maintenance	N/A	N/A	N/A
2d. Civilian Personnel Services	N/A	N/A	N/A
2e. Accounting/Finance	N/A	N/A	N/A
2f. Utilities	N/A	N/A	N/A
2g. Environmental Compliance	N/A	N/A	N/A
2h. Police and Fire	N/A	N/A	N/A
2i. Safety	N/A	N/A	N/A
2j. Supply and Storage Operations	N/A	N/A	N/A
2k. Major Range Test Facility Base Costs	N/A	N/A	N/A
2l. Other (Specify)	N/A	N/A	N/A
<b>2m. Sub-total 2a. through 2l:</b>	N/A	N/A	N/A
<b>3. Depreciation</b>	N/A	N/A	N/A
<b>4. Grand Total (sum of 1c., 2m., and 3.) :</b>	N/A	N/A	N/A

**DATA CALL 66  
INSTALLATION RESOURCES**

**2. Services/Supplies Cost Data.** The purpose of Table 2 is to provide information about projected FY 1996 costs for the purchase of services and supplies by the activity. (Note: Unlike Question 1 and Tables 1A and 1B, above, this question is not limited to overhead costs.) The source for this information, where possible, should be either the NAVCOMPT OP-32 Budget Exhibit for O&M activities or the NAVCOMPT UC/FUND-1/IF-4 exhibit for DBOF activities. Information must reflect FY 1996 budget data supporting the FY 1996 NAVCOMPT Budget Submit. Break out cost data by the major sub-headings identified on the OP-32 or UC/FUND-1/IF-4 exhibit, disregarding the sub-headings on the exhibit which apply to civilian and military salary costs and depreciation. Please note that while the OP-32 exhibit aggregates information by budget activity, this data call requests OP-32 data for the activity responding to the data call. Refer to NAVCOMPTINST 7102.2B of 23 April 1990, Subj: Guidance for the Preparation, Submission and Review of the Department of the Navy (DON) Budget Estimates (DON Budget Guidance Manual) with Changes 1 and 2 for more information on categories of costs identified. Any rows that do not apply to your activity may be left blank. However, totals reported should reflect all costs, exclusive of salary and depreciation.

<b>Table 2 - Services/Supplies Cost Data</b>	
<b>Activity Name:</b> COMNAVMETOCCOM (STAFF)	<b>UIC:</b> N00065
Cost Category	FY 1996 Projected Costs (\$000)
<b>Travel:</b>	0
<b>Material and Supplies (including equipment):</b>	63*
<b>Industrial Fund Purchases (other DBOF purchases):</b>	60
<b>Transportation:</b>	0
<b>Other Purchases (Contract support, etc.):</b>	1062
<b>Total:</b>	1185

\* Includes DBOF and Non-DBOF.

**DATA CALL 66  
INSTALLATION RESOURCES**

**3. Contractor Workyears.**

**a. On-Base Contract Workyear Table.** Provide a projected estimate of the number of contract workyears expected to be performed "on base" in support of the installation during FY 1996. Information should represent an annual estimate on a full-time equivalency basis. Several categories of contract support have been identified in the table below. While some of the categories are self-explanatory, please note that the category "mission support" entails management support, labor service and other mission support contracting efforts, e.g., aircraft maintenance, RDT&E support, technical services in support of aircraft and ships, etc.

<b>Table 3 - Contract Workyears</b>	
<b>Activity Name: COMNAVMETOCCOM</b>	<b>UIC: N00065</b>
<b>Contract Type</b>	<b>FY 1996 Estimated Number of Workyears On-Base</b>
Construction:	0
Facilities Support:	0
Mission Support:	0
Procurement:	0
Other:*	0
<b>Total Workyears:</b>	<b>0</b>

\* **Note:** Provide a brief narrative description of the type(s) of contracts, if any, included under the "Other" category.

**DATA CALL 66  
INSTALLATION RESOURCES**

**b. Potential Disposition of On-Base Contract Workyears.** If the mission/functions of your activity were relocated to another site, what would be the anticipated disposition of the on-base contract workyears identified in Table 3.?

1) Estimated number of contract workyears which would be transferred to the receiving site (This number should reflect the number of jobs which would in the future be contracted for at the receiving site, not an estimate of the number of people who would move or an indication that work would necessarily be done by the same contractor(s)):

**NONE.**

2) Estimated number of workyears which would be eliminated:

**NONE.**

3) Estimated number of contract workyears which would remain in place (i.e., contract would remain in place in current location even if activity were relocated outside of the local area):

**NONE.**

**DATA CALL 66  
INSTALLATION RESOURCES**

**c. "Off-Base" Contract Workyear Data.** Are there any contract workyears located in the local community, but not on-base, which would either be eliminated or relocated if your activity were to be closed or relocated? If so, then provide the following information (**ensure that numbers reported below do not double count numbers included in 3.a. and 3.b., above**):

No. of Additional Contract Workyears Which Would Be Eliminated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)
NONE	

No. of Additional Contract Workyears Which Would Be Relocated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)
NONE	

BRAC-95 CERTIFICATION

Reference: SECNAV NOTE 11000 dtd 8 Dec 93

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

I certify the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

*C. A. Peterson*

C. A. Peterson, CAPT, USN  
NAME (Please type of print)

Acting  
Title

Naval Meteorology and Oceanography Command  
Activity

*Craig A Peterson*

Signature

7/13/94  
Date

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

\_\_\_\_\_  
NAME (Please type or print

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

\_\_\_\_\_  
NAME (Please type of print

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Activity

In certify that the information herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

C. A. Peterson, CAPT, USN  
NAME (Please type or print

*Craig A Peterson*  
Signature

Acting  
Title

7/13/94  
Date

Naval Meteorology and Oceanography Command  
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)  
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

W. A. EARNER

\_\_\_\_\_  
NAME (Please type of print

*W. A. Earner*  
Signature

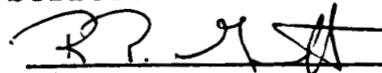
\_\_\_\_\_  
Title

7/25/94  
Date

BRAC-95 CERTIFICATION

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

Robert P. Garrett, CDR, USN  
NAME (Please type or print)



Signature

Division Head  
Title

7/12/94

Date

Manpower/Personnel/Training  
Division

Resources Department  
Department

COMNAVMETOCOM  
Activity

Enclosure (1)

**CAPACITY ANALYSIS**

**DATA CALL WORK SHEET**

**FOR NAVAL METEOROLOGY AND OCEANOGRAPHY CENTERS:**

**COMMANDER, NAVAL METEOROLOGY AND OCEANOGRAPHY COMMAND  
STENNIS SPACE CENTER, MS  
(STAFF HQ)**

**PRIMARY UIC: N00065**

(Insert this UIC in "Header A" on every page)

Category.....Operational Support

Sub-category.....Ocean & Meteorological

**\*\*\*\*\*If any responses are classified, attach separate classified annex.\*\*\*\*\***

### Naval Meteorology and Oceanography Centers Activity Listing

Type	Title	Location
COMMANDER	COMNAVMETOCEN	STENNIS SPACE CENTER, MS
METOCEN	FLENUMMETOCEN	MONTEREY, CA
METOCEN	NAVPACMETOCEN	PEARL HARBOR, HI
METOCEN	NAVPACMETOCEN WEST	GUAM
METOCEN	NAVLANTMETOCEN	NORFOLK, VA
NAVOCEANO	NAVOCEANO	STENNIS SPACE CENTER, MS
NAVOBSY	NAVAL OBSERVATORY	WASHINGTON, DC

# Data for Capacity Analysis

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**FACILITY EQUIPMENT INFORMATION**

1. Describe the **data gathering efforts** directly controlled by your facility. Include the ship, aircraft, or satellite systems you receive data from and the general types of data received.

**The COMNAVMETOCCOM staff is not directly involved in data gathering, this effort is delegated to field activities. The staff does, however, provide executive liaison for data gathering with other resource sponsors and coordinates these efforts throughout the NAVMETOCCOM claimancy. COMNAVMETOCCOM is an administrative command involved in the coordination of overall claimancy operations and requirements.**

2. List the **major computer systems** available at your command and provide the indicated supporting data. For time used and maintenance, provide the percentage of time the computer is used for prediction/forecasting, model development/validation, product development or other uses, or is in a maintenance status. If any of the use is for other than DoD, indicate the percentage of DoD and Non-DoD usage .

**COMNAVMETOCCOM headquarters does not have a major computer system. The staff does have a Local Area Network (LAN) of approximately 75 personal computers (PCs) utilizing the Banyan Vines Network software. The LAN is used solely for administrative and support purposes.**

Model/ Type	In Service Date	FY 1991		FY 1992		FY 1993	
		Time Used	Maint.	Time Used	Maint.	Time Used	Maint.
N/A							

3. Provide the percentage of **time your major computers were used** for the tasks indicated. Fill out a table for each major computer.

Computer Model/Type \_\_\_\_\_ N/A \_\_\_\_\_

N/A; See response to question 2.

Computer Use	FY 1991			FY 1992			FY 1993		
	Navy Use	Other DoD Use	Non DoD Use	Navy Use	Other DoD Use	Non DoD Use	Navy Use	Other DoD Use	Non DoD Use
Model Development									
Model Validation									
Prediction/Forecast Generation									
Product Development <sup>1</sup>									
Other									

<sup>1</sup> Product Development includes any publications, tactical memos, etc., designed for educational, operational or training distribution.

4. Complete the below table by entering the **work-years of effort** for each work effort by category shown below:

1. Civilian management/supervisory in work-years
2. Civilian direct labor in work-years
3. Active duty military in work-years
4. Reserve military in work-years
5. Temps in work-years

**WORK-YEARS OF EFFORT (HISTORIC/PROJECTED REQMT)**

TYPE OF WORK		FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	FY *
Data Collection	1	0	0	0	0	0	0	0	0
	2	0	0	0	0	0	0	0	0
	3	0	0	0	0	0	0	0	0
	4	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0
Computer Operation and Maintenance	1	1	2	2	2	2	2	2	*
	2	8	6	5	4	4	3	3	*
	3	2	2	2	2	2	1.5	1.5	*
	4	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0
Model Development	1	0	0	0	0	0	0	0	0
	2	0	0	0	0	0	0	0	0
	3	0	0	0	0	0	0	0	0
	4	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0
Model Validation	1	0	0	0	0	0	0	0	0
	2	0	0	0	0	0	0	0	0
	3	0	0	0	0	0	0	0	0
	4	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0

\*If maximum number of work-years historically is not reflected in the fiscal years represented above (FY 1989-2001), complete this column with that data and indicate the fiscal year it represents.

TYPE OF WORK		FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	FY *
Prediction/ Forecast Generation and Distribution	1	0	0	0	0	0	0	0	0
	2	0	0	0	0	0	0	0	0
	3	0	0	0	0	0	0	0	0
	4	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0
Product Development	1	0	0	0	0	0	0	0	0
	2	0	0	0	0	0	0	0	0
	3	0	0	0	0	0	0	0	0
	4	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0
Admin & Support	1	25	26	26	20	18	15	15	*
	2	20	17	16	13	12	9	9	*
	3	21	23	23	17	15	13.5	13.5	*
	4	3	3	3	2	1	2	2	*
	5	2	2	4	5	5	5	5	*
Product Distribution	1	0	0	0	0	0	0	0	0
	2	0	0	0	0	0	0	0	0
	3	0	0	0	0	0	0	0	0
	4	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0
Other <sup>1</sup>	1	0	0	0	0	0	0	0	0
	2	0	0	0	0	0	0	0	0
	3	0	0	0	0	0	0	0	0
	4	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0

\*If maximum number of work-years/days historically is not reflected in the fiscal years represented above (FY 1989-2001), complete this column with that data and indicate the fiscal year it represents.

<sup>1</sup>If "Other" filled out, describe what it is.

5. Provide the **required space** in square feet for each of the types of functions performed at your facility. Also include all other spaces required and annotate in the remarks section the primary use of the space.

Table 5.1

CAT CODE	Space Requirement	FY 1989	FY 1991	FY 1993	FY 1994	FY 1995	FY 1997	FY 1999	FY 2001
610-20	Computer Area	200	200	200	200	200	200	200	200
610-10	Admin	18948	18948	18948	16298	16298	16298	16298	16298
610-xx									
610-xx									
610-xx	SCIF	900	900	900	900	900	900	900	900
610-xx	Other Admin Spaces								
<b>TOTAL</b>		20048	20048	20048	17398	17398	17398	17398	17398

Remarks:

**SPECIAL FEATURES AND SERVICES**

6. For all **operational reports transmitted** from your facility, list the primary and any backup outgoing data routes and their destination points.

**None; No operational reports are transmitted by COMNAVMETOCOM. As a headquarters staff, only administrative reports are processed.**

7. List all **other services** provided by your facility which were not captured by the above questions, include the unit of measure. (e.g. daily message processing, data processing, etc.)

**Services are provided by operational field activities (METOC Centers) of COMNAVMETOCOM.**

Table 7.1

SERVICES PROVIDED	UNITS	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	FY *
N/A									

\*If maximum measurement unit of the service historically is not reflected in the fiscal years represented above (FY 1989-2001), complete this column with that data and indicate the fiscal year it represents.



**10.** For all weather and oceanographic data provided by your facilities or detachments, list the primary and any backup, incoming and outgoing data routes and their origination/destination points.

**N/A; Center Action.**

**11.** List all **unique equipments, capabilities, or facilities** etc. located at or controlled by your facility. (e.g. Switching Node, etc.)

**COMNAVMETOCCOM is a headquarters command, not an installation, and is a tenant of the National Aeronautics and Space Administration (NASA) at the John C. Stennis Space Center (SSC), Mississippi.**

**Located at the NASA/SSC complex is the deactivated Mississippi Army Ammunition Plant (MSAAP). MSAAP has many industrial and administrative facilities that could be used by other military agencies. MSAAP is currently in caretaker status under an Army Facility Use Contractor who is attempting to commercialize and privatize the facility. Navy activities at the NASA/SSC complex have been able to meet unfunded facility requirements by using portions of the deactivated MSAAP.**

**12.a.** List all facilities or data gathering systems which can **currently substitute data gathering** (weather or oceanographic data) for **your existing equipment/methods**. Indicate the percentage and types of the data gathered which are duplicated by other facilities or systems and the percentage and types of data gathered which are unique to your collection system.

**N/A; No direct data gathering function at headquarters level.**

**12.b.** List any Naval Activity which could **manage your data gathering locations or system** on a remote basis. If additional funding is required to accomplish this remote collection operation, discuss the extent of the funding required and the use of the funds in detail.

**N/A; No data gathering at headquarters level.**

**12.c.** List all facilities or product distribution systems which can **currently substitute information distribution** for your weather or oceanographic data with **existing equipment**. Indicate the percentage and types of weather or oceanographic data which are duplicated by other facilities or distribution systems and the percentage and types of weather or oceanographic data which are unique to your distribution system.

**N/A; Center Action.**

**12.d.** List any Naval Activity which could **manage your data distribution locations or system** on a remote basis. If additional funding is required to accomplish this remote distribution system, discuss the extent of the funding required and the use of the funds in detail.

**N/A; Center Action.**

**12.e.** Describe how **other DoD or Non-DoD organizations can substitute** for your data gathering, model development/validation, prediction/forecasting, and data distribution. Include weather and oceanographic information in the discussion. Also include, how other DoD and Non-DoD organizations might substitute in certain regions (e.g. CONUS) for data gathering, model development/validation, prediction/forecasting, and data distribution. If additional funding would be required to generate a multi-organizational system of data gathering, model development/validation, prediction/forecasting and data distribution, discuss the extent of the funding required and the use of the funds in detail.

**N/A; Headquarters Staff. Unique function in providing administrative and support functions for NAVMETOCCOM claimancy.**

**13.a.** Given **no operational funding or manning limits**, what modifications or improvements would you make to your facilities infrastructure to increase the capacity of your installation? Provide a description, cost estimates, and additional capacity gained.

**COMNAVMETOCCOM is a Headquarters Command, not an installation, and is a tenant activity of the National Aeronautics and Space Administration (NASA)/Stennis Space Center (SSC) Mississippi. The existing COMNAVMETOCCOM Headquarters building was constructed in FY88, and with realignment, downsizing, etc., there are no modifications or improvements that could be made to increase the capacity of this command.**

**13.b.** What **site modifications/facility improvements** are budgeted in Presidential Budget 1995 through FY 1997 (including all BRACON) that would improve the capacity at your facility? Provide a description, cost, and additional capacity that could be realized.

**COMNAVMETOCCOM has no site modification/facility improvements budgeted in Presidential Budget 1995 through 1997 (including all BRACON) that would improve the capacity at this Headquarters Command.**

**13.c.** Given **unconstrained funding** and manning levels, what **Personal Property or Equipment** would you change (add, delete, or modify) to increase your capacity? Provide a description, cost estimates, and additional capacity that could be realized.

**Upgrade of staff PC LAN system to Pentium technology personal computers.**

**Estimated Cost: \$175,000.**

**Upgrade would increase processing speed, capacity and computer functionality for well into the future.**

**13.d.** Are there any environmental, legal or other **factors that inhibit further increase** in capacity (e.g. encroachments, pollutant discharge, electromagnetic interference, etc.)? Provide details and possible solutions.

**There are no environmental, legal, or other factors that would inhibit a further increase in capacity at National Aeronautics and Space Administration (NASA)/Stennis Space Center (SSC). NASA/SSC has under its cognizance 133,000 acres (13,000 acres Fee Area and 125,000 acres of Buffer Zone). The Buffer Zone areas contain vast amounts of wetlands and growth in those areas would be limited.**

**PERSONNEL SUPPORT CAPACITY**

**14.a.** By facility Category Code Number (CCN), provide the usage requirements for each course of instruction required for all formal schools on your installation. Do not include requirements for maintaining unit readiness, GMT, sexual harassment, etc. Include all applicable 171-XX and 179-xx CCN's.

**N/A; No formal CAT CODE schools on installation. Installation owned by NASA.**

CCN:      N/A                     

Type of Training Facility	School	Type of Training	FY 1993 Requirements			FY 2001 Requirements		
			A	B	C	A	B	C
<b>NONE</b>								

A = Students per year

B = Number of hours each student spends in this training facility for the type of training received

C = A X B

**14.b.** By Category Code Number (CCN), complete the following table for all **training facilities** aboard the installation. Include all 171-xx, 179-xx CCN's.

**For example:** In the category 171-10, a type of training facility is academic instruction classroom. If you have 10 classrooms with a capacity of 25 students per room, the design capacity would be 250. If these classrooms are available 8 hours a day for 300 days a year, the capacity in student hours per year would be 600,000.

**N/A; No dedicated CAT CODE training facilities.**

**Training facilities, for routine purposes, are available through Army/NASA arrangement.**

CCN:   N/A  

Type Training Facility	Total Number	Design Capacity (PN) <sup>1</sup>	Capacity (Student HRS/YR) <sup>2</sup>
NONE			

<sup>1</sup> Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings, i.e., ranges. Design Capacity (PN) must reflect current use of the facilities.

<sup>2</sup> Describe how the Student HRS/YR value in the preceding table was derived.

**15.a.** Provide data on the BOQs and BEQs assigned to your current plant account. The desired unit of measure for this capacity is people housed. Use CCN to differentiate between pay grades, i.e., E1-E4, E5-E6, E7-E9, CWO-O2, O3 and above.

**N/A; No BEQs or BOQs on plant account.**

Facility Type, Bldg. # & CCN	Total No. of Beds	Total No. of Rooms	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
<b>NONE</b>								

**15.b.** In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information:

**N/A.**

- a. FACILITY TYPE/CODE:
- b. WHAT MAKES IT INADEQUATE?
- c. WHAT USE IS BEING MADE OF THE FACILITY?
- d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
- e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
- f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
- g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASE

**16.a.** Provide data on the BOQs and BEQs projected to be assigned to your plant account in FY 1997. The desired unit of measure for this capacity is people housed. Use CCN to differentiate between pay grades, i.e., E1-E4, E5-E6, E7-E9, CWO-O2, O3 and above.

**NONE.**

Facility Type, Bldg. # & CCN	Total No. of Beds	Total No. of Rooms	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
<b>NONE</b>								

**16.b.** In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information:

**N/A.**

- a. FACILITY TYPE/CODE:
- b. WHAT MAKES IT INADEQUATE?
- c. WHAT USE IS BEING MADE OF THE FACILITY?
- d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
- e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
- f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
- g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASE

17.a. Provide data on the messing facilities assigned to your current plant account.

N/A; No Messing Facilities on plant account.

Facility Type, CCN and Bldg. #	Total Sq. Ft.	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	Sq Ft	Seats	Sq Ft	Seats	Sq Ft	
NONE								

17.b. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information:

N/A.

- a. FACILITY TYPE/CODE:
- b. WHAT MAKES IT INADEQUATE?
- c. WHAT USE IS BEING MADE OF THE FACILITY?
- d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
- e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
- f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
- g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASE

**18.a.** Provide data on the messing facilities projected to be assigned to your plant account in FY 1997.

**NONE.**

Facility Type, CCN and Bldg. #	Total Sq. Ft.	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	Sq Ft	Seats	Sq Ft	Seats	Sq Ft	
<b>NONE</b>								

**18.b.** In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information:

**N/A.**

- a. FACILITY TYPE/CODE:
- b. WHAT MAKES IT INADEQUATE?
- c. WHAT USE IS BEING MADE OF THE FACILITY?
- d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
- e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
- f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
- g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASE

19. For military **married family housing assigned to your plant account** provide the following information:

**N/A; No Married Family Housing assigned to plant account.**

Table 19.1

Type of Quarters	Number of Bedrooms	Total number of units	Number Adequate	Number Substandard	Number Inadequate
Officer	4+	None			
Officer	3	None			
Officer	1 or 2	None			
Enlisted	4+	None			
Enlisted	3	None			
Enlisted	1 or 2	None			
Mobile Homes		None			
Mobile Home lots		None			

In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified describe why the housing is inadequate; indicate how the housing is being used and list other possible uses; and specify the costs to remove the deficiencies that make it inadequate. Indicate current plans to remove these deficiencies and the amount of any programmed funds.

**N/A.**

20. For personnel assigned to your base and tenant activities who live in **government quarters other than yours**, indicate the plant account holder UIC for their quarters.

**N/A; 0 assigned personnel living in government quarters. Government quarters are available at CBC Gulfport. UIC: N62604.**

**BASE INFRASTRUCTURE**

**21.a.** Utilize Table 21.1 below to provide information on your activity's base infrastructure capacity and load.

Following data provided for Stennis Space Center.

**Table 21.1 Base Infrastructure Capacity & Load**

	On Base Capacity	Off base long term contract	Normal Steady State Load	Peak Demand
Electrical Supply (KWH)	70 MW	To 70 MW	6,500,000	Average/Mo 14,000 KW
Natural Gas (CFH)	500 MCF/day	500 MCF/day	170 MCF/day	300 MCF/day
Sewage (GPD)	595,000	0	341,000	N/A
Potable Water (GPD)	2,500,000	0	1,250,000	Unknown
Steam (lbm/Hr)	0	0	0	0
Long Term Parking	372	0	372	372
Short Term Parking	3300	0	3300	3300

**21.b. Maintenance, Repair & Equipment Expenditure Data:** Use Table 21.2 (below) to provide data on facilities and equipment expenditures at your activity. Project expenditures to FY97. Do not include data on Detachments who have received this Data Call directly. The following definitions apply:

Maintenance of Real Property (MRP) Dollars: MRP is a budgetary term used to gather the expenses or budget requirements for facility work including recurring maintenance, major repairs & minor construction (non-MILCON) inclusive of all Major Claimant funded Special Projects. It is the amount of funds spent on or budgeted for maintenance and repair of real property assets to maintain the facility in satisfactory operating condition. For purposes of this Data Call MRP includes all M1/R1 and M2/R2 expenditures.

Current Plant Value (CPV) of Class 2 Real Property: The hypothetical dollar amount to replace a Class 2 facility in kind with today's dollars. Example: the cost today to replace a wood frame barracks with a wood frame barracks.



**22. Real Estate Resources.** Identify in the table below the real estate resources which have the potential to facilitate future development and for which you are the plant account holder or into which, though a tenant, your activity could reasonably expect to expand. Complete a separate table for each individual site, i.e., main base, outlying airfields, special off-site areas, etc. The unit of measure is acres. Developed area is defined as land currently with buildings, roads, and utilities where further development is not possible without demolition of existing improvements. Include in "Restricted" areas that are restricted for future development due to environmental constraints (e.g. wetlands, landfills, archaeological sites), operational restrictions (e.g. ESQD arcs, HERO, HERP, HERF, AICUZ, ranges) or cultural resources restrictions. Identify the reason for the restriction when providing the acreage in the table. Specify any entry in "Other" (e.g. submerged lands).

Site Location: NASA Stennis Space Center

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance	40	15	0	25
Operational	400	200	0	200
Training	0.1	2	0	9
R & D	50	21	0	29
Supply & Storage	32	10	0	22
Admin	50	23	0	28
Housing	0	0	0	0
Recreational	200	50	0	150
Navy Forestry Program	0	0	0	0
Navy Agricultural Outlease Program	0	0	0	0
Hunting/Fishing Programs	50	10	0	40
Other				
<b>Total:</b>	<b>822.1</b>	<b>331</b>	<b>0</b>	<b>503</b>

BRAC-95 CERTIFICATION

Reference: SECNAV NOTE 11000 dtd 8 Dec 93

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

I certify the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

J. E. Chubb, RADM, USN  
NAME (Please type of print)

Commander  
Title

Naval Meteorology and Oceanography Command  
Activity



\_\_\_\_\_  
Signature

7/5/94  
Date

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

\_\_\_\_\_  
NAME (Please type or print)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

\_\_\_\_\_  
NAME (Please type or print)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Activity

In certify that the information herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

J. E. CHUBB  
\_\_\_\_\_  
NAME (Please type or print)

  
\_\_\_\_\_  
Signature

Commander  
\_\_\_\_\_  
Title

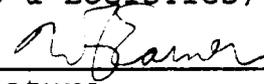
7/5/94  
\_\_\_\_\_  
Date

Naval Meteorology and Oceanography Command  
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)  
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

W. A. EARNER  
\_\_\_\_\_  
NAME (Please type of print)

  
\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

7/18/94  
\_\_\_\_\_  
Date

BRAC-95 CERTIFICATION

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

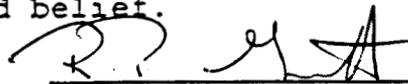
Robert P. Garrett, CDR, USN  
NAME (Please type or print)

Division Head  
Title

Manpower/Personnel/Training  
Division

Resources Department  
Department

COMNAVMETOC  
Activity



Signature

6/30/94

Date

BRAC-95 CERTIFICATION

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

Joseph F. Peek  
NAME (Please type or print)

Facilities Program Manager  
Title

Facilities/Physical Security  
Division

Program Integration  
Department

COMNAVMETOCCOM  
Activity

Joseph F. Peek  
Signature  
6/29/94  
Date

**MILITARY VALUE ANALYSIS**

**DATA CALL WORK SHEET**

**FOR NAVAL METEOROLOGY AND OCEANOGRAPHY CENTERS:**

**COMMANDER, NAVAL METEOROLOGY AND OCEANOGRAPHY COMMAND  
STENNIS SPACE CENTER, MS  
(STAFF HQ)**

**PRIMARY UIC: N00065**

(Insert this UIC in "Header A" on every page)

Category.....Operational Support  
Sub-category.....Ocean & Meteorological

**\*\*\*\*\*If any responses are classified, attach separate classified annex.\*\*\*\*\***

## Naval Meteorology and Oceanography Centers Activity Listing

Type	Title	Location
COMMANDER	COMNAVMETOCEN	STENNIS SPACE CENTER, MS
METOCEN	FLENUMMETOCEN	MONTEREY, CA
METOCEN	NAVPACMETOCEN	PEARL HARBOR, HI
METOCEN	NAVPACMETOCEN WEST	GUAM
METOCEN	NAVLANTMETOCEN	NORFOLK, VA
NAVOCEANO	NAVOCEANO	STENNIS SPACE CENTER, MS
NAVOBSY	NAVAL OBSERVATORY	WASHINGTON, DC

# Data for Military Value Analysis

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**Base Infrastructure and Investment**

1. List the project number, description, funding year, and value of the **capital improvements at your base completed (beneficial occupancy) during 1988 through 1994**. Indicate if the capital improvement is a result of BRAC realignments or closures.

**Table 1.1 Capital Improvement Expenditure**

Project	Description	Fund Year	Value
P-002	COMNAVMETOCOM (CNMOC) Headquarters Building	FY88	\$1.6M

2.a. List the project number, description, funding year, and value of the **non-BRAC related capital improvements planned** for years 1995 through 1997.

**Table 2.1 Planned Capital improvements**

Project	Description	Fund Year	Value
SP-003	Resource Department Annex to CNMOC HQ Building	FY94	295K
SP-004	Retrofit Secure Compartmented Information Facility (SCIF)/ Conference Room Expansion	FY94	160K

**2.b.** List the project number, description, funding year, and value of the **BRAC related capital improvements planned** for 1995 through 1999.

**Table 2.2 Planned BRAC Capital improvements**

Project	Description	Fund Year	Value
N/A	NO BRAC RELATED CAPITAL IMPROVEMENTS PLANNED.		

**3.a.** List the encroachments of record at your station, base, facility or satellite locations?

**None.** There are no encroachments of record at this National Aeronautics and Space Administration/Stennis Space Center (NASA/SSC) complex. NASA/SSC has under its cognizance 133,000 acres (13,000 acres Fee Area and 125,000 Acres of Buffer Zone).

COMNAVMETOCOM is a tenant of this Non-DOD host activity, NASA/SSC, at the John C. Stennis Space Center, MS.

**3.b.** Do current estimates of population growth and development or environmental constraints pose problems for the station, base, facility or satellite locations? Why or why not?

**No;** Stennis Space Center is a remote NASA Test Site with a 6 mile buffer of swamp and forest land surrounding the installation. There are no problems posed that would affect population growth and development at this location. The 13,000 acres Fee Area and 125,000 acres of Buffer Zone ensures adequate space for expansion/growth. Buffer Zone areas do contain vast amounts of wetlands and growth in those areas is limited.

**3.c.** Provide a description of local zoning ordinances which might impact on future encroachment at your station, base, facility or satellite location.

**None;** NASA/SSC has a developed site Master Plan which is strictly adhered to. There are no local "Zoning Ordinances" that would affect growth at this installation.

**Logistics Support**

4. Do you or any of your detachments have **special non-DOD or civilian support** missions? Describe the missions and state which activity performs the mission. If realignments planned between today and FY 1997 will add non-DOD or civilian support missions describe them.

**COMNAVMETOCOM Headquarters, as an administrative command, does not have special Non-DOD or civilian support missions. Operational field activities of COMNAVMETOCOM do have these mission areas. These METOC facilities, centers, will report these missions in their respective responses to this Data Call. No realignments are planned between this date and FY97.**

5. List all **inter-service support agreements (ISSAs)** that involve supporting military (non-DON) and civilian activities.

Table 5.1 Non-DON Support Agreements

Agency/Service	Tenant name	Tenant UIC/DODAAC	Description of Support Role	Degree of support
NASA	CNMOC	N00065	Base Support	Utilities, Building Maintenance, Roads, Fire, & Security.

**Personnel Support Facilities**

6.a. In the following table, indicate the available space (SF), individual workstation (PN), and condition for each **facility designated or used for administrative purposes**.

Table 6.1 Administrative Support Spaces

Building Type	NAVFAC (P-80) category code	Adequate		Substandard		Inadequate		Total	
		SF	PN	SF	PN	SF	PN	SF	PN
Administrative office	610-10	18948	75	0	0	0	0	18948	75
ADP installations	610-20	0	0	0	0	0	0	0	0
Legal services	610-40	0	0	0	0	0	0	0	0
Admin storage	610-77	0	NA	0	NA	0	NA	0	NA
Underground administrative office	620-10	0	0	0	0	0	0	0	0
Underground ADP installation	620-20	0	0	0	0	0	0	0	0
Underground admin storage	620-77	0	NA	0	NA	0	NA	0	NA

**6.b.** For all facilities that were classified as inadequate in the preceding table, identify the type of facility and describe why the facility is inadequate; indicate how the facility is being used and list other possible uses; and specify the costs to remove the deficiencies that make it inadequate (do not be concerned with the economic justification for these costs). Indicate current plans to remove these deficiencies and the amount of any programmed funds.

**None.** There are no spaces occupied by COMNAVMETOCCOM that are classified as inadequate.

**7.** Describe any administrative support facility limitations. Describe the potential for expansion of the services that personnel support facilities provide.

No on-site, Stennis Space Center, Military Personnel Support Detachment (PSD). The Naval Oceanographic Office (NAVO) has limited administrative support, through PSD Gulfport, for assigned military personnel and complete support for civilian personnel.

#### **Operational Suitability**

**8.a.** List the features of this station, base, or facility that make it a candidate for basing other units in the future.

Based on cost of living, Host/Tenant relationship, and administrative and industrial areas available for expansion at NASA/SSC, this complex is an ideal candidate for basing other units in the future. Both state and federal agencies are current tenants of the NASA/SSC. Although Stennis Space Center is a Non-DOD NASA Testing Facility, the following amenities are listed:

- (1) Large amounts of open land area on base.
- (2) Large amount of parking available throughout facility.
- (3) Open/unoccupied buildings; due to closure of colocated Army Ammo Plant in FY91.

**8.b.** List the features of this station, base, or facility that inhibit the basing of other units.

- (1) Remoteness of Stennis Space Center site location.
- (2) Lack of on-site services: commissary  
exchange  
medical/dental facilities  
other common Naval station amenities.
- (3) Lack of government family housing, BOQ, BEQ, messing facilities.

**9.a.** Are there any **assets in the vicinity** of the station, base, or facility that are currently not used because of a deficiency or O&M,N funding shortages but **could be improved to enhance the station's contingency or mobilization capabilities?** Provide details.

**At the NASA/SSC complex, the deactivated Mississippi Army Ammunition Plant (MSAAP) is under the control of the Army's Facility Use Contract. The MSAAP is Government Owned/Contractor Operated (GOCO). The MSAAP contractor, under Army direction, is attempting to commercialize and privatize the MSAAP. Should the deactivated MSAAP be closed as a result of BRAC action, many industrial/administrative facilities could be used by other military agencies.**

**9.b.** Describe the size, composition and support provided to any **reserve units** that train at your installation. Describe the size, composition and support provided by those reserve units.

**No reserve units are directly assigned to support COMNAVMETOCOM; however, there are three reserve officer billets which are assigned to augment the headquarters staff in time of national emergency or crisis. These billets are distributed among three separate units and the individuals assigned periodically conduct their Annual Training at COMNAVMETOCOM providing staff support.**

**10.** Does the **infrastructure** meet current requirements and provide capabilities for future expansion or change in mission? Provide details.

**Yes. Current requirements are met by existing infrastructure.**

11.a. In the table provide the percent of time operations are precluded due to weather. Add any further descriptions on how **weather** generally **impacts base operations** (high winds, below freezing, high temperature, or snow, fog, or other visibility restricting conditions, etc.)

Table 11.1 Operational Weather Impact

	% outage CY 1990	% outage CY 1991	% outage CY 1992	% outage CY 1993
JAN	0	0	0	0
FEB	0	0	0	0
MAR	0	0	0	1%
APR	0	0	0	0
MAY	0	0	0	0
JUN	0	0	0	0
JUL	0	0	0	0
AUG	0	0	1%	0
SEP	0	0	0	0
OCT	0	0	0	0
NOV	0	0	0	0
DEC	0	0	0	0

Remarks:

**CY 92 - Hurricane Andrew; although Hurricane Andrew missed hitting the local area, less than 2 days of operation time lost due to storm preparations.**

**CY 93 - Snow Event; 1 day operation time lost.**

**11.b** What percentage of the time (on average, by month) does the local weather affect maintenance operations? Use the chart below and add any further descriptions on how **weather** generally **impacts base maintenance evolutions** (high winds, below freezing, high temperature, or snow, fog, or other visibility restricting conditions).

**Table 11.2 Maintenance Weather Impact**

	Inches of Rain/Snow			Days under 40°F			% maint. days cancelled due to low or high temperatures or precipitation		
	CY 1991	CY 1992	CY 1993	CY1991	CY 1992	CY 1993	CY 1991	CY1992	CY 1993
JAN	21.85	11.52	13.98	10	16	7	0	0	0
FEB	3.67	8.76	2.85	8	6	9	0	0	0
MAR	6.34	5.50	7.64	3	4	4	0	0	0
APR	16.89	1.53	3.71	0	0	0	0	0	0
MAY	14.41	1.58	6.91	0	0	0	0	0	0
JUN	4.96	8.37	4.36	0	0	0	0	0	0
JUL	11.58	6.87	12.47	0	0	0	0	0	0
AUG	9.42	8.27	9.09	0	0	0	0	0	0
SEP	3.28	4.35	5.97	0	0	0	0	0	0
OCT	4.72	0.23	5.16	0	0	2	0	0	0
NOV	2.83	16.57	2.61	15	9	12	0	0	0
DEC	3.99	8.01	2.66	12	5	17	0	0	0

Remarks:

**11.c.** Describe any **unique training opportunities** afforded by the local climate or geography.

**None.**

**Quality of Life**

**12. Military Housing**

a. Family Housing:

(1) Do you have mandatory assignment to on-base housing? (circle) yes **no**

(2) For military family housing in your locale provide the following information:

**Information provided for CBC Gulfport Ms. UIC: 62604**

Type of Quarters	Number of Bedrooms	Total number of units	Number Adequate	Number Substandard	Number Inadequate
Officer	4+	1	1	0	0
Officer	3	6	6	0	0
Officer	1 or 2	0	0	N/A	N/A
Enlisted	4+	100	100	0	0
Enlisted	3	0	0	N/A	N/A
Enlisted	1 or 2	0	0	N/A	N/A
Mobile Homes		0	0	N/A	N/A
Mobile Home lots		25	25	N/A	N/A

(3) In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information:

Facility type/code: N/A

What makes it inadequate? N/A

What use is being made of the facility? N/A

What is the cost to upgrade the facility to substandard? N/A

What other use could be made of the facility and at what cost? N/A

Current improvement plans and programmed funding: N/A

Has this facility condition resulted in C3 or C4 designation on your BASEREP? N/A

12.a.(4) Complete the following table for the military housing waiting list.

**Information provided for CBC Gulfport Ms. UIC: 62604.**

Pay Grade	Number of Bedrooms	Number on List <sup>1</sup>	Average Wait
O-6/7/8/9	1	N/A	N/A
	2	N/A	N/A
	3	N/A	N/A
	4+	Designated	0
O-4/5	1	N/A	N/A
	2	0	1 year
	3	0	1 year
	4+	N/A	N/A
O-1/2/3/CWO	1	N/A	N/A
	2	2	1 year
	3	1	1 year
	4+	N/A	N/A
E7-E9	1	N/A	N/A
	2 (Standby)	3	48 months +
	3 (Standby)	11	26 months +
	4+	4	2 months
E1-E6	1	N/A	N/A
	2 (Standby)	58	48 months +
	3 (Standby)	86	26 months +
	4+	13	2 months

<sup>1</sup>As of 31 March 1994

**12.a.(5)** What do you consider to be the top five factors driving the demand for base housing? Does it vary by grade category? If so provide details.

Top Five Factors Driving the Demand for Base Housing	
1	Increase in rental prices in the community.
2	Low availability of rentals.
3	Need for security.
4	Convenience.
5	Suitability.

**Top five factors do not vary by grade category.**

(6) What percent of your family housing units have all the amenities required by "The Facility Planning & Design Guide" (Military Handbook 1190 & Military Handbook 1035-Famil Housing)?

**0%; No Family Housing Units on Plant Account. Nearesr Family Housing is available at CBC Gulfport (UIC: N62604).**

(7) Provide the utilization rate for family housing for FY 1993.

Type of Quarters	Utilization Rate
Adequate	N/A
Substandard	N/A
Inadequate	N/A

**There is no usage of CBC Gulfport Family Housing by CNMOC personnel.**

(8) As of 31 March 1994, have you experienced much of a change since FY 1993? If so, why? If occupancy is under 98% ( or vacancy over 2%), is there a reason?

**No.**

12.b. BEQ:

(1) Provide the utilization rate for BEQs for FY 1993.

**CNMOC owns no BEQs on Plant Account; nearest BEQ is located at CBC Gulfport. CBC Gulfport UIC: 62604. Utilization Rates are provided for CBC Gulfport.**

Type of Quarters	Utilization Rate
Adequate	68%
Substandard	66%
Inadequate	6%

(2) As of 31 March 1994, have you experienced much of a change since FY 1993? If so, why? If occupancy is under 95% (or vacancy over 5%), is there a reason?

**CBC Gulfport has experienced a 15% vacant rate due to unit renovation.**

(3) Calculate the Average on Board (AOB) for geographic bachelors as follows:

$$\text{AOB} = \frac{(\# \text{ Geographic Bachelors} \times \text{average number of days in barracks})}{365}$$

**N/A. CNMOC has no Geographic Bachelors on staff.**

(4) Indicate in the following chart the percentage of geographic bachelors (GB) by category of reasons for family separation. Provide comments as necessary.

Reason for Separation from Family	Number of GB	Percent of GB	Comments
Family Commitments (children in school, financial, etc.)	0	0	
Spouse Employment (non-military)	0	0	
Other	0	0	
<b>TOTAL</b>	<b>0</b>	<b>100</b>	

(5) How many geographic bachelors do not live on base?

N/A.

12.c. BOQ:

(1) Provide the utilization rate for BOQs for FY 1993.

CNMOC owns no BOQs on Plant Account; nearest BOQ is located at CBC Gulfport. CBC Gulfport UIC: 62604. Utilization Rate is provided for CBC Gulfport.

Type of Quarters	Utilization Rate
Adequate	68%
Substandard	66%
Inadequate	6%

(2) As of 31 March 1994, have you experienced much of a change since FY 1993? If so, why? If occupancy is under 95% (or vacancy over 5%), is there a reason?

N/A.

(3) Calculate the Average on Board (AOB) for geographic bachelors as follows:

$$AOB = \frac{(\# \text{ Geographic Bachelors} \times \text{average number of days in barracks})}{365}$$

N/A. CNMOC has no Geographical Bachelors on staff.

(4) Indicate in the following chart the percentage of geographic bachelors (GB) by category of reasons for family separation. Provide comments as necessary.

Reason for Separation from Family	Number of GB	Percent of GB	Comments
Family Commitments (children in school, financial, etc.)	0	0	
Spouse Employment (non-military)	0	0	
Other	0	0	
<b>TOTAL</b>	0	100	

(5) How many geographic bachelors do not live on base?

N/A.

**On Base MWR Facilities**

13. For on-base MWR facilities<sup>1</sup> available, complete the following table for each separate location. For off-base government owned or leased recreation facilities indicate distance from base. If there are any facilities not listed, include them at the bottom of the table.

LOCATION CBC Gulfport DISTANCE 40 miles

Facility	Unit of Measure	Total	Profitable (Y,N,N/A)
Auto Hobby	Indoor Bays	9	N/A
	Outdoor Bays	14	N/A
Arts/Crafts	SF	4207	N/A
Wood Hobby	SF	None	N/A
Bowling	Lanes	12	N/A
Enlisted Club	SF	14641	N/A
Officer's/Chief's Lounge	SF	1402	N/A
Library	SF	5651	N/A
Library	Books	15,000	N/A
Theater	Seats	750	N/A
ITT	SF	250	N/A
Museum/Memorial	SF	6855	N/A
Pool (indoor)	Lanes	None	N/A
Pool (outdoor) (2)	Lanes	8	N/A
Beach	LF	None	N/A
Swimming Ponds	Each	None	N/A
Tennis CT	Each	8	N/A

<sup>1</sup>Spaces designated for a particular use. A single building might contain several facilities, each of which should be listed separately.

Facility	Unit of Measure	Total	Profitable (Y,N,N/A)
Volleyball CT (outdoor)	Each	6	N/A
Basketball CT (outdoor)	Each	2	N/A
Racquetball CT	Each	2	N/A
Golf Course	Holes	9	Y
Driving Range	Tee Boxes	1	N/A
Gymnasium	SF	22629	N/A
Fitness Center	SF	None	N/A
Marina	Berths	None	N/A
Stables	Stalls	None	N/A
Softball Fld	Each	5	N/A
Football Fld	Each	None	N/A
Soccer Fld	Each	1	N/A
Youth Center	SF	9190	N/A

14. Is your library part of a regional interlibrary loan program?

**CBC Gulfport Library - Yes, is part of regional interlibrary loan program.**

**Maury Library, Naval Oceanographic Office Professional Library Stennis Space Center, is also part of regional interlibrary loan program.**

15. Base Family Support Facilities and Programs

a. Complete the following table on the availability of child care in a child care center on your base.

Age Category	Capacity (Children)	2903 SF Total			Number on Wait List	Average Wait (Days)
		Adequate	Substandard	Inadequate		
0-6 Mos	8	X			10	2 weeks
6-12 Mos	8	X			4	2 weeks
12-24 Mos	9	X			4	2 weeks
24-36 Mos	12	X			4	2 weeks
3-5 Yrs	14-18	X			4	2 weeks

b. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

Facility type/code: N/A

What makes it inadequate? N/A

What use is being made of the facility? N/A

What is the cost to upgrade the facility to substandard? N/A

What other use could be made of the facility and at what cost? N/A

Current improvement plans and programmed funding: N/A

Has this facility condition resulted in C3 or C4 designation on your BASEREP? N/A

c. If you have a waiting list, describe what programs or facilities other than those sponsored by your command are available to accommodate those on the list.

None.

d. How many "certified home care providers" are registered at your base?

Four certified home care providers, with five degreed teachers.

e. Are there other military child care facilities within 30 minutes of the base? State owner and capacity (i.e., 60 children, 0-5 yrs).

None.

16. Complete the following table for services available on your base. If you have any services not listed, include them at the bottom.

**Data provided for services available on Stennis Space Center (Non-DOD).**

Service	Unit of Measure	Qty
Exchange	SF	1 @ 758 SF
Gas Station	SF	1 (note 1)
Auto Repair	SF	1 (note 1)
Auto Parts Store	SF	1 (note 1)
Commissary	SF	0
Mini-Mart	SF	0
Package Store	SF	0
Fast Food Restaurants	Each	0
Bank/Credit Union	Each	2
Family Service Center	SF	0
Laundromat	SF	0
Dry Cleaners	Each	1
ARC	PN	0
Chapel	PN	0
FSC Classrm/Auditorium	PN	1 @ 264 PN

**Note:**

**1. Gas Station, Auto Repair and Auto Store is a combined facility with a total area of 3000 SF.**

17. Proximity of closest major metropolitan areas (provide at least three):

City	Distance (Miles)
Slidell, La	17 miles
New Orleans, La	35 miles
Gulfport, Ms	40 miles

18. Standard Rate VHA Data for Cost of Living:

Paygrade	With Dependents	Without Dependents
E1	47.53	26.60
E2	47.53	29.89
E3	42.97	31.66
E4	40.26	28.10
E5	52.79	36.86
E6	69.83	47.54
E7	82.42	57.25
E8	73.76	55.76
E9	35.64	27.06
W1	114.58	87.02
W2	67.01	52.56
W3	68.94	56.04
W4	40.72	36.10
O1E	75.43	55.95
O2E	79.88	62.44
O3E	27.23	23.04
O1	59.96	44.18
O2	79.88	62.44
O3	30.06	25.31
O4	45.37	39.46
O5	25.59	21.17
O6	0	0
O7	0	0

19.a. Off-base housing rental and purchase

a. Fill in the following table for average rental costs in the area for the period 1 April 1993 through 31 March 1994.

Type Rental	Average Monthly Rent		Average Monthly Utilities Cost
	Annual High	Annual Low	
Efficiency	\$250	\$195	\$40
Apartment (1-2 Bedroom)	\$503	\$356	\$112
Apartment (3+ Bedroom)	\$672	\$481	\$138
Single Family Home (3 Bedroom)	\$672	\$557	\$160
Single Family Home (4+ Bedroom)	\$888	\$690	\$198
Town House (2 Bedroom)	\$650	\$450	N/A
Town House (3+ Bedroom)	\$650	\$450	N/A
Condominium (2 Bedroom)	\$650	\$450	N/A
Condominium (3+ Bedroom)	\$650	\$450	N/A

19.b. What was the rental occupancy rate in the community as of 31 March 1994?

Type Rental	Percent Occupancy Rate
Efficiency	92%
Apartment (1-2 Bedroom)	92%
Apartment (3+ Bedroom)	92%
Single Family Home (3 Bedroom)	96%
Single Family Home (4+ Bedroom)	100%
Town House (2 Bedroom)	95%
Town House (3+ Bedroom)	N/A
Condominium (2 Bedroom)	N/A
Condominium (3+ Bedroom)	N/A

(c) What are the median costs for homes in the area?

Type of Home	Median Cost
Single Family Home (3 Bedroom)	\$86,561
Single Family Home (4+ Bedroom)	\$86,561
Town House (2 Bedroom)	\$75,000
Town House (3+ Bedroom)	\$95,000
Condominium (2 Bedroom)	\$75,000
Condominium (3+ Bedroom)	\$95,000

19.d. For calendar year 1993, from the local MLS listings provide the number of 2, 3, and 4 bedroom homes available for purchase. Use only homes for which monthly payments would be within 90 to 110 percent of the E5 BAQ and VHA for your area.

Month	Number of Bedrooms		
	2	3	4+
January	18	37	4
February	21	28	0
March	20	38	1
April	26	47	1
May	21	39	1
June	34	40	4
July	33	43	6
August	21	26	1
September	17	38	4
October	16	36	3
November	16	33	1
December	10	36	2

(e) Describe the principle housing cost drivers in your local area.

1. **Increasing population.**
2. **Growth of the Gaming Industry.**
3. **Seasonal (summer, beaches).**
4. **Mild climate.**
5. **Service industry spin-off.**
6. **Military increases**
  - \* **USN/USAF consolidated training center at Keesler AFB, Biloxi Ms.**
  - \* **Consolidated homeporting at Pascagoula Ms. (BRAC related)**

20. For the top five sea intensive ratings in the principle warfare community your base supports, provide the following:

Rating	Number Sea Billets in the Local Area	Number of Shore billets in the Local Area
AG	0	12
AW	0	1
ET	0	5
ST	0	1
No other sea intensive billets.		

21. Complete the following table for the average one-way commute for the five largest concentrations of military and civilian personnel living off-base.

Location	% Employees	Distance (mi)	Time(min)
Slidell, La	30%	20	30 min
Long Beach/ Pass Christian, Ms	21%	35	40 min
Picayune, Ms	19%	20	30 min
Bay St Louis/Waveland, Ms	18%	22	30 min
Gulfport, Ms	10%	40	45 min

22. Complete the tables below to indicate the civilian educational opportunities available to service members stationed at the air station (to include any outlying fields) and their dependents:

22.a. List the local educational institutions which offer programs available to dependent children. Indicate the school type (e.g. DODDS, private, public, parochial, etc.), grade level (e.g. pre-school, primary, secondary, etc.), what students with special needs the institution is equipped to handle, cost of enrollment, and for high schools only, the average SAT score of the class that graduated in 1993, and the number of students in that class who enrolled in college in the fall of 1994.

Institution	Type	Grade Level(s)	Special Education Available	Annual Enrollment Cost per Student	1993 Avg SAT/A CT Score	% HS Grad to Higher Educ	Source of Info
Long Beach Ms H.S.	Pub.	9-12	Yes	\$3228.78	20.7	80%	School District
Long Beach Middle School Ms	Pub.	6-8	Yes	\$3228.78	N/A	N/A	School District
Quarles Ms Elementary School	Pub.	K-5	Yes	\$3228.78	N/A	N/A	School District
Coast Episcopal H.S. Ms	Par.	K-12	No	\$2865.00	22	100%	School Admin.

Slidell La H.S.	Public	9-12	Yes	\$4042.00	21.1	67%	*
Slidell La Jun. H.S.	Public	6-8	Yes	\$4042.00	N/A	N/A	*
Carolyn Park Elem	Public	4-6	Yes	\$4042.00	N/A	N/A	*
Bayou Woods Elem	Public	K-3	Yes	\$4042.00	N/A	N/A	*
St Margaret-Mary	Parochial	(P)K-8	No	\$2500 - \$2900	N/A	N/A	ADM
River Forest Academy	Private	(P)K-8	Yes	\$2800 - \$3000	N/A	N/A	ADM

\* Information Source - Slidell La School Board.

**Note: Due to the many Mississippi Gulf Coast and Slidell La area schools available, a representative sampling is provided.**

22.b. List the educational institutions within 30 miles which offer programs off-base available to service members and their adult dependents. Indicate the extent of their programs by placing a "Yes" or "No" in all boxes as applies.

Institution	Type Classes	Program Type(s)				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
Univ. New Orleans	Day	Yes	Yes	Yes	Yes	Yes
	Night	Yes	Yes	Yes	Yes	Yes
Univ. of Southern Miss	Day	No	Yes	Yes	Yes	Yes
	Night	No	Yes	Yes	Yes	Yes
Pearl River CC	Day	No	Yes	Yes	Yes	No
	Night	No	Yes	Yes	Yes	No
Delgado CC Slidell La	Day	No	Yes	Yes	Yes	No
	Night	No	Yes	Yes	Yes	No

Gulf Coast CC	Day	No	No	Yes	Yes	No
	Night	No	No	Yes	Yes	No
William Carey Coll	Day	No	Yes	Yes	Yes	Yes
	Night	No	Yes	Yes	Yes	Yes

**Note: As interest is shown, Navy Campus for Achievement (NCFA) at CBC Gulfport will administer GED, CLEP, DANTES, GRE on site at Stennis Space Center.**

22.c. List the educational institutions which offer programs on-base available to service members and their adult dependents. Indicate the extent of their programs by placing a "Yes" or "No" in all boxes as applies.

Institution	Type Classes	Program Type(s)				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
Univ of New Orleans	Day	Yes	Yes	Yes	Yes	Yes
	Night	Yes	Yes	Yes	Yes	Yes
	Correspondence	No	No	No	No	No
Univ of Southern Miss	Day	No	No	Yes	No	Yes
	Night	No	No	No	No	No
	Correspondence	No	No	Yes	No	No
Miss State Univ	Day	No	No	No	No	No
	Night	No	No	No	No	No
	Correspondence	No	No	No	No	Yes
Pearl River CC	Day	No	No	No	No	No
	Night	No	Yes	Yes	Yes	No
	Correspondence	No	No	No	No	No

**23. Spousal Employment Opportunities**

Provide the following data on spousal employment opportunities.

Skill Level	Number of Military Spouses Served by Family Service Center Spouse Employment Assistance			Local Community Unemployment Rate
	1991	1992	1993	
Professional	0	0	0	5.5%
Manufacturing	0	0	0	5.5%
Clerical	0	0	0	5.5%
Service	0	0	0	5.5%
Other	0	0	0	5.5%

**Note: Mississippi State Employment Services, Mr Jim True, stated that categorical employment records are not kept in the state of Mississippi (verified through state capitol in Jackson, Ms). For the Mississippi Gulf Coast:**

**Civilian work force: 155,000**

**Number Unemployed: 8650**

**24. Do your active duty personnel have any difficulty with access to medical or dental care, in either the military or civilian health care system? Develop the why of your response.**

**Stennis Space Center is a remote NASA Testing Site; nearest military medical/dental is located at CBC Gulfport Ms (40 miles). At CBC Gulfport, long lines are encountered with minimal services available. Medical referrals must be given to receive treatment at Keesler AFB Medical Center (an additional 20 miles further). Civilian medical and dental care is readily available throughout the local area and reimbursable through CHAMPUS for active duty military.**

**25. Do your military dependents have any difficulty with access to medical or dental care, in either the military or civilian health care system? Develop the why of your response.**

**Military dependents are routinely subject to long lines for emergency care and long waits for routine appointments, making medical care intolerable at both CBC Gulfport and Keesler AFB. The entire procedure is so tedious that most dependent care is obtained through readily available civilian facilities and reimbursed by CHAMPUS.**

26. Complete the table below to indicate the crime rate for your station for the last three fiscal years. The source for case category definitions to be used in responding to this question are found in NCIS - Manual dated 23 February 1989, at Appendix A, entitled "Case Category Definitions." Note: the crimes reported in this table should include 1) all reported criminal activity which occurred on base regardless of whether the subject or the victim of that activity was assigned to or worked at the base; and 2) all reported criminal activity off base.

Crime Definitions	FY 1991	FY 1992	FY 1993
1. Arson (6A)	0	0	0
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
2. Blackmarket (6C)	0	0	0
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
3. Counterfeiting (6G)	0	0	0
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
4. Postal (6L)	0	0	0
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			

Crime Definitions	FY 1991	FY 1992	FY 1993
5. Customs (6M)	0	0	0
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
6. Burglary (6N)	0	0	0
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
7. Larceny - Ordnance (6R)	0	0	0
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
8. Larceny - Government (6S)	2	2	0
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			

Crime Definitions	FY 1991	FY 1992	FY 1993
9. Larceny - Personal (6T)		0	
Base Personnel - military			
Base Personnel - civilian	1		3
Off Base Personnel - military			
Off Base Personnel - civilian			
10. Wrongful Destruction (6U)	0	0	
Base Personnel - military			
Base Personnel - civilian			1
Off Base Personnel - military			
Off Base Personnel - civilian			
11. Larceny - Vehicle (6V)	0	0	0
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
12. Bomb Threat (7B)	0	0	
Base Personnel - military			
Base Personnel - civilian			1
Off Base Personnel - military			
Off Base Personnel - civilian			

Crime Definitions	FY 1991	FY 1992	FY 1993
13. Extortion (7E)	0	0	
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			1
14. Assault (7G)	0	0	0
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
15. Death (7H)	0	0	0
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
16. Kidnapping (7K)	0	0	0
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			

Crime Definitions	FY 1991	FY 1992	FY 1993
18. Narcotics (7N)	0	0	0
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
19. Perjury (7P)	0	0	0
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
20. Robbery (7R)	0	0	0
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
21. Traffic Accident (7T)	82	81	77
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			

Crime Definitions	FY 1991	FY 1992	FY 1993
22. Sex Abuse - Child (8B)	0	0	0
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
23. Indecent Assault (8D)	0	0	0
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
24. Rape (8F)	0	0	0
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
25. Sodomy (8G)	0	0	0
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			

**Note: Stennis Space Center is a Non-DOD installation and does not make it a standard practice to record off-site crimes/incidents or distinguish between military and civilian events.**

BRAC-95 CERTIFICATION

Reference: SECNAV NOTE 11000 dtd 8 Dec 93

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

I certify the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

J. E. Chubb, RADM, USN  
NAME (Please type of print)

Commander  
Title

Naval Meteorology and Oceanography Command  
Activity

  
\_\_\_\_\_  
Signature  
5 Jul 95  
\_\_\_\_\_  
Date

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

\_\_\_\_\_  
NAME (Please type or print

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

\_\_\_\_\_  
NAME (Please type of print

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Activity

In certify that the information herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

J.E. CHUBB  
\_\_\_\_\_  
NAME (Please type or print

  
\_\_\_\_\_  
Signature

Commander  
\_\_\_\_\_  
Title

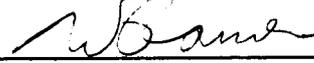
15 Jul 94  
\_\_\_\_\_  
Date

Naval Meteorology and Oceanography Command  
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)  
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

W. A. EARNER  
\_\_\_\_\_  
NAME (Please type of print

  
\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

2/18/94  
\_\_\_\_\_  
Date

BRAC-95 CERTIFICATION

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

Robert P. Garrett, CDR, USN  
NAME (Please type or print)

R. P. Garrett

Signature

Division Head  
Title

6/30/94  
Date

Manpower/Personnel/Training  
Division

Resources Department  
Department

COMNAVMETOCCOM  
Activity

Enclosure (1)

BRAC-95 CERTIFICATION

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

Joseph F. Peek  
NAME (Please type or print)

Joseph F. Peek  
Signature

Facilities Program Manager  
Title

6/29/04  
Date

Facilities/Physical Security  
Division

Program Integration  
Department

COMNAVMETOCOM  
Activity

Enclosure (1)

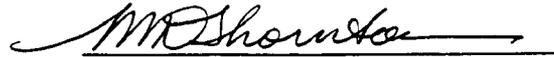


BRAC-95 CERTIFICATION

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

**MICHAEL D. THORNTON**  
NAME (Please type or print)

CDR, CEC, USN  
Title

  
Signature

9 Dec 94  
Date

MILCON PROGRAMMING DIVISION  
Division

NAVAL FACILITIES ENGINEERING COMMAND  
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

J. E. BUFFINGTON, RADM, CEC, USN  
NAME (Please type or print)

COMMANDER  
Title

NAVAL FACILITIES ENGINEERING COMMAND  
Activity

  
Signature  
12/9/94  
Date

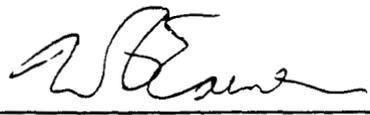
I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)  
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

W. A. EARNER

NAME (Please type or print)

Title

  
Signature  
12/11/94  
Date

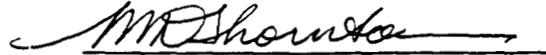


BRAC-95 CERTIFICATION

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

**MICHAEL D. THORNTON**  
NAME (Please type or print)

CDR, CEC, USN  
Title



Signature



Date

MILCON PROGRAMMING DIVISION  
Division

NAVAL FACILITIES ENGINEERING COMMAND  
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

**J. E. BUFFINGTON, RADM, CEC, USN**  
NAME (Please type or print)

**COMMANDER**  
Title

**NAVAL FACILITIES ENGINEERING COMMAND**  
Activity

  
Signature  
12/9/94  
Date

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

**DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)**  
**DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)**

**W. A. EARNER**

\_\_\_\_\_  
NAME (Please type or print)

\_\_\_\_\_  
Title

  
Signature  
12/11/94  
Date



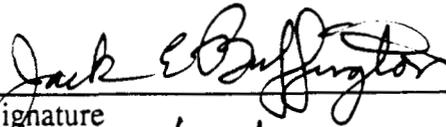
I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

J. E. BUFFINGTON, RADM, CEC, USN  
NAME (Please type or print)

COMMANDER  
Title

NAVAL FACILITIES ENGINEERING COMMAND  
Activity

  
Signature  
7/13/94  
Date

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)  
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

W. A. EARNER 

NAME (Please type or print)

Title

  
Signature  
7/18/94  
Date

BRAC-95 CERTIFICATION

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MARK E. DONALDSON  
NAME (Please type or print)

CDR, CEC, USN  
Title

MILCON PROGRAMMING DIVISION  
Division

FACILITIES PROGRAMMING AND CONSTRUCTION DIRECTORATE  
Department

NAVAL FACILITIES ENGINEERING COMMAND  
Activity

  
Signature  
12 July 1994  
Date

Enclosure (1)

BRAC DATA CALL NUMBER 64  
CONSTRUCTION COST AVOIDANCE

Information on cost avoidance which could be realized as the result of cancellation of on-going or programmed construction projects is provided in Tables 1 (MILCON) and 2 (FAMILY HOUSING). These tables list MILCON/FAMILY HOUSING projects which fall within the following categories:

1. all programmed construction projects included in the FY1996 - 2001 MILCON/FAMILY HOUSING Project List,
2. all programmed projects from FY1995 or earlier for which cost avoidance could still be obtained if the project were to be canceled by 1 OCT 1995, and,
3. all programmed BRAC MILCON/FAMILY HOUSING projects for which cost avoidance could still be obtained if the project were to be canceled by 1 OCT 1995.

Projects listed in Tables 1 and 2 with potential cost avoidance were determined as meeting any one of the following criteria:

Projects with projected Work in Place (WIP) less than 75% of the Current Working Estimate (CWE) as of 1 OCT 1995 .

Projects with projected completion dates or Beneficial Occupancy Dates subsequent to 31 March 1996.

Projects with projected CWE amount greater than \$15M.

The estimated cost avoidance for projects terminated after construction award would be approximately one-half of the CWE for the remaining work. Close-out, claims and other termination costs can consume the other half.



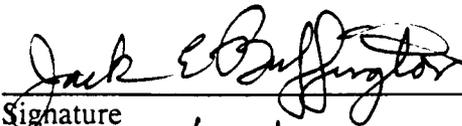
I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

**J. E. BUFFINGTON, RADM, CEC, USN**  
NAME (Please type or print)

**COMMANDER**  
Title

**NAVAL FACILITIES ENGINEERING COMMAND**  
Activity

  
Signature  
7/13/94  
Date

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

**DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)**  
**DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)**

**W. A. EARNER**

\_\_\_\_\_  
NAME (Please type or print)

\_\_\_\_\_  
Title

  
Signature  
7/18/94  
Date

**CAPACITY ANALYSIS**

**DATA CALL WORK SHEET**

**FOR NAVAL METEOROLOGY AND OCEANOGRAPHY CENTERS:**

**Fleet Numerical Meteorology and Oceanography Center, Monterey, CA UIC: 63134**

**Fleet Numerical Meteorology and Oceanography Center Component 15, Monterey, CA  
UIC: 39027**

**Fleet Numerical Meteorology and Oceanography Detachment, Tinker AFB UIC:66889**

**Fleet Numerical Meteorology and Oceanography Detachment, Asheville, NC UIC:30832**

**PRIMARY UIC: 63134**

Category.....Operational Support  
Sub-category.....Ocean & Meteorological

**\*\*\*\*\*If any responses are classified, attach separate classified annex.\*\*\*\*\***

### Naval Meteorology and Oceanography Centers Activity Listing

Type	Title	Location
COMMANDER	COMNAVMETOCCOM	STENNIS SPACE CENTER, MS
METOCEN	FLENUMMETOCEN	MONTEREY, CA
METOCEN	NAVPACMETOCEN	PEARL HARBOR, HI
METOCEN	NAVPACMETOCEN WEST	GUAM
METOCEN	NAVLANTMETOCEN	NORFOLK, VA
NAVOCEANO	NAVOCEANO	STENNIS SPACE CENTER, MS
NAVOBSY	NAVAL OBSERVATORY	WASHINGTON, DC

**Data for Capacity Analysis**

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**FACILITY EQUIPMENT INFORMATION**

1. Describe the **data gathering efforts** directly controlled by your facility. Include the ship, aircraft, or satellite systems you receive data from and the general types of data received.

While FNMOC does not directly control any data sources, raw METOC data, global METOC observations, satellite imagery and associated data are received from the following:

- Air Force Automated Weather Network (AWN): data collectives, forecasts, warning and advisories
- National Weather Service (NWS) via dedicated circuitry
- Navy and commercial ships via the Naval Telecommunications System (NTS): observations
- Deployed units copying foreign weather services and North Atlantic Treaty Organization (NATO) weather: forecasts, observations
- Stored Defense Meteorological Satellite Program (DMSP) via commercial satellite relay: analog data
- Shared Processing Network (SPN): atmospheric soundings from NOAA, cloud imagery from AFGWC, Multi-Channel Sea Surface Temperature (MCSST) from NAVOCEANO

2. List the **major computer systems** available at your command and provide the indicated supporting data. For time used and maintenance, provide the percentage of time the computer is used for prediction/forecasting, model development/validation, product development or other uses, or is in a maintenance status. If any of the use is for other than DoD, indicate the percentage of DoD and Non-DoD usage .

Table 2

Model/Type	In Service Date	FY 1991		FY 1992		FY 1993	
		Time Used	Maint.	Time Used	Maint.	Time Used	Maint.
PEPS/CYBER 180'S	1985	46%	2%	45%	2%	50%	2%
PEPSU CYBER 205	1985	69%	4%	70%	4%	72%	4%
POPS C90/2E	1992			30%	1%	45%	1%
SPCU 3264	1989	100%	*	100%	*	100%	*
DPS	1987	100%	*	100%	*	100%	*

**Note: Time used is based on CPU utilization.**

**POPS did not become operational until FY 1994.**

**\*Due to hardware redundancy built into SPCU 3264 and DPS neither system was ever completely "down" for maintenance.**

3. Provide the percentage of **time your major computers were used** for the tasks indicated. Fill out a table for each major computer.

Computer Model/Type **PEPS (5 CYBER 180's)**

Computer Use	FY 1991			FY 1992			FY 1993		
	Navy Use	Other DoD Use	Non DoD Use	Navy Use	Other DoD Use	Non DoD Use	Navy Use	Other DoD Use	Non DoD Use
Model Development	5%			4%			3%		
Model Validation	1%			1%			1%		
Prediction/Forecast Generation	35%			36%			39%		
Product Development <sup>1</sup>	4%			3%			6%		
Other	1%			1%			1%		

<sup>1</sup> Product Development includes any publications, tactical memos, etc., designed for educational, operational or training distribution.

**Note: Percentages for each fiscal year add up to percentage total found in Table 2.**

Computer Model/Type **PEPSU (CYBER 205)**

Computer Use	FY 1991			FY 1992			FY 1993		
	Navy Use	Other DoD Use	Non DoD Use	Navy Use	Other DoD Use	Non DoD Use	Navy Use	Other DoD Use	Non DoD Use
Model Development	3%			3%			2%		
Model Validation	1%			1%			1%		
Prediction/Forecast Generation	65%			66%			69%		
Product Development <sup>1</sup>									
Other									

<sup>1</sup> Product Development includes any publications, tactical memos, etc., designed for educational, operational or training distribution.

**Note: Percentages for each fiscal year add up to percentage total found in Table 2.**

Computer Model/Type POPS (CRAY C90/2E)

Computer Use	FY 1991			FY 1992			FY 1993		
	Navy Use	Other DoD Use	Non DoD Use	Navy Use	Other DoD Use	Non DoD Use	Navy Use	Other DoD Use	Non DoD Use
Model Development				30%			42%		
Model Validation							2%		
Prediction/Forecast Generation									
Product Development <sup>1</sup>									
Other							1%		

<sup>1</sup> Product Development includes any publications, tactical memos, etc., designed for educational, operational or training distribution.

**Note: Percentages for each fiscal year add up to percentage total found in Table 2. POPS did not become operational until FY 1994.**

Computer Model/Type SPCU CONCURRENT 3264

Computer Use	FY 1991			FY 1992			FY 1993		
	Navy Use	Other DoD Use	Non DoD Use	Navy Use	Other DoD Use	Non DoD Use	Navy Use	Other DoD Use	Non DoD Use
Model Development									
Model Validation									
Prediction/Forecast Generation	50%			50%			50%		
Product Development <sup>1</sup>	50%			50%			50%		
Other									

<sup>1</sup> Product Development includes any publications, tactical memos, etc., designed for educational, operational or training distribution.

**Note: Percentages for each fiscal year add up to percentage total found in Table 2.**

Computer Model/Type DPS

Computer Use	FY 1991			FY 1992			FY 1993		
	Navy Use	Other DoD Use	Non DoD Use	Navy Use	Other DoD Use	Non DoD Use	Navy Use	Other DoD Use	Non DoD Use
Model Development									
Model Validation									
Prediction/Forecast Generation									
Product Development <sup>1</sup>									
Other *	100%			100%			100%		

<sup>1</sup> Product Development includes any publications, tactical memos, etc., designed for educational, operational or training distribution.

\* DPS collects and distributes data.

**Note: Percentages for each fiscal year add up to percentage total found in Table 2.**

4. Complete the below table by entering the **work-years of effort** for each work effort by category shown below:

1. Civilian management/supervisory in work-years
2. Civilian direct labor in work-years
3. Active duty military in work-years
4. Reserve military in work-years
5. Temps in work-years

**WORK-YEARS OF EFFORT (HISTORIC/PROJECTED REQMT)**

TYPE OF WORK		FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	FY *
Data Collection	1	3.0	4.0	4.0	4.0	5.0	5.0	5.0	
	2	7.9	7.9	10.9	10.7	10.7	3.7	3.7	
	3	8.5	8.5	7.5	5.5	5.5	5.0	5.0	
	4	0	0	0	0	0	0	0	
	5	0	0	0	0	0	0	0	
Computer Operation and Maintenance	1	5.0	5.0	5.0	5.0	4.0	4.0	4.0	
	2	21.0	76.0	88.0	75.0	71.0	71.0	71.0	
	3	66.0#	33.0	9.0	18.0	18.0	18.0	18.0	
	4	0	0	0	0	0	0	0	
	5	0	0	0	0	0	0	0	
Model Development	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
	2	3.0	2.5	5.3	6.0	6.0	6.0	6.0	
	3	0	0	0	0	0	0	0	
	4	0	0	0	0	0	0	0	
	5	0	0	0	0	0	0	0	
Model Validation	1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	
	2	2.6	3.5	6.0	6.0	6.0	6.0	6.0	
	3	3.0	3.0	0	0	0	0	0	
	4	0	0	0.2	0.3	0.3	0.3	0.3	
	5	0	0	0	0	0	0	0	

\*If maximum number of work-years historically is not reflected in the fiscal years represented above (FY 1989-2001), complete this column with that data and indicate the fiscal year it represents.

TYPE OF WORK		FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	FY *
Prediction/ Forecast Generation and Distribution	1	3.2	5.2	5.2	5.2	5.2	5.2	5.2	
	2	12.1	14.4	15.4	16.7	16.7	16.7	16.7	
	3	34.5	34.5	33.5	25.5	25.5	25.0	25.0	
	4	0	0	0	0	0	0	0	
	5	0	0	0	0	0	0	0	
Product Development	1	3.9	3.9	3.8	3.4	3.4	3.4	3.4	
	2	14.8	14.1	15.1	15.8	15.8	15.8	15.8	
	3	4.0	4.0	4.0	4.5	4.5	4.5	4.5	
	4	0	0	0	0	0	0	0	
	5	0	0	0	0	0	0	0	
Admin & Support	1	12	12	12	13	13	13	13	
	2	11	16	16	19	19	19	19	
	3	15	16	17	19	19	19	19	
	4	0	0	0	0	0	0	0	
	5	0	0	0	0	0	0	0	
Product Distribution	1	0.5	0.5	0.5	0.3	0.3	0.3	0.3	
	2	5.2	5.2	5.2	4.0	4.0	4.0	4.0	
	3	22.7	22.7	22.7	23.7	23.7	23.7	23.7	
	4	0.1	0.8	0.6	0.5	0.5	0.5	0.5	
	5	0	0	0	0	0	0	0	
Other <sup>1</sup> Data Mgmt Archive	1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
	2	3.0	3.0	3.0	3.0	3.0	3.0	3.0	
	3	2.0	2.0	3.0	3.0	3.0	3.0	3.0	
	4	0	0	0	0	0	0	0	
	5	0	0	0	0	0	0	0	

<sup>1</sup>If maximum number of work-years/days historically is not reflected in the fiscal years represented above (FY 1989-2001), complete this column with that data and indicate the fiscal year it represents.

<sup>1</sup> If "Other" filled out, describe what it is.

Data management is defined as not only tracking incoming and outgoing data but also how data are transferred from one model to another. Archiving is defined as the ongoing process of retaining enough data within the command so that NRL can use real data to test and evaluate model enhancements and so FNMOC can answer "recent" (FNMOC retains 30 days worth of data) requests from fleet units. Requests for "older" data are answered by FNMOC DET Asheville.

#FY89 began CIVSUB of Computer Operators.

5. Provide the **required space** in square feet for each of the types of functions performed at your facility. Also include all other spaces required and annotate in the remarks section the primary use of the space.

Table 5.1

CAT CODE	Space Requirement	FY 1989	FY 1991	FY 1993	FY 1994	FY 1995	FY 1997	FY 1999	FY 2001
610-xx	Computer Area	11171	2400	0	0	0	0	0	0
610-xx	Admin	34622	0	0	30000 *	0	0	0	0
610-xx									
610-xx									
610-xx									
610-xx	Other Admin Spaces								
<b>TOTAL</b>		45793	2400	0	30000	0	0	0	0

Remarks: 30,000 Square Feet reported in FY 94 replaced old World War II wooden buildings. There was no net growth in space.

**SPECIAL FEATURES AND SERVICES**

6. For all **operational reports transmitted** from your facility, list the primary and any backup outgoing data routes and their destination points.

See attached communications wiring diagram.

7. List all **other services** provided by your facility which were not captured by the above questions, include the unit of measure. (e.g. daily message processing, data processing, etc.)

Table 7.1

SERVICES PROVIDED	UNITS	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	F Y *
NMC <sup>1</sup>	Man/ Yr			0.3	0.1	0.1	0.1	0.1	
NAVAF <sup>2</sup>	Man/ Yr			0.2	0.2	0.1	0.1	0.1	
STATE DEPT <sup>3</sup>	Man/ Yr			0.3	0.1	0.1	0.1	0.1	
Climo <sup>4</sup>	Man/ Yr		0.3		6.0	0.1	5.0	0.1	

SERVICES PROVIDED	UNITS	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	F Y *
CD-ROMs <sup>5</sup>	disks			500	3300	4800	5000	5200	
AWN bulletins <sup>6</sup>	1,000	27	27	27	33	35	40	40	
Publications <sup>7</sup>	Each	2118	1515	1425	350	350	100	100	
SSM/I <sup>8</sup>	Orbits/day	28	28	28	28	28	28	28	
Data Requests <sup>9</sup>	Req/Month	25	25	25	12	12	12	12	
QC data <sup>10</sup>	reports	1184	1398	1478	1500	1550	1600	1650	

\*If maximum measurement unit of the service historically is not reflected in the fiscal years represented above (FY 1989-2001), complete this column with that data and indicate the fiscal year it represents.

<sup>1</sup> Programming and liaison work with NMC.

<sup>2</sup> Implementing and maintaining software that supports NAVAF initiatives.

<sup>3</sup> Maintaining/updating software used in support of State Department requirements.

<sup>4</sup> Maintaining/updating climatology data base used by FNMOC and NRL.

<sup>5</sup> Publishing/updating climatology CD-ROMs.

<sup>6</sup> Processing AWN data collectives and bulletins.

<sup>7</sup> Publishing/updating climatology information (in paper format).

<sup>8</sup> Processing satellite data and then distributing the output.

<sup>9</sup> Responding to requests from Fleet units for recent (less than 30 days old) environmental data.

<sup>10</sup> Quality controlling environmental observations before they are entered into the national data base. Figure show the number of different reporting stations that are reviewed.

8. For your facilities and each detachment subordinate to your center, complete the below table indicating the **amount of all services** provided (ie Navy, Air Force, Army, etc.). The number provided should be the historical number of **requests** for that type of information or a projection of the number of requests. Where estimations/projections are made, include the assumptions and calculations. Finally, include the current number of hours per day the service can be requested at the facility/detachment indicated.

Facility/Detachment: FNMOC DET Asheville UIC: 30832

**Table 8.1**

Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/Day
Area/Route Forecasting								
Ship/Aircraft Routing	*	*	*	*	*	*	*	24
Flight Forecasting								
Heavy Weather Warnings	*	*	*	*	*	*	*	24
Navy/Joint C4I System Support								
Pre-Deployment Briefings	172	288	249	200	175	150	150	8
Destructive Weather Briefings								
Other								

\*The models that generate these products reside at FNMOC. The facilities and detachments provide the final output to Fleet customers.

**9.a.** For your facilities, and detachments subordinate to your center, provide the name of the other Navy activities, facilities or detachments which **can substitute** for each location when they are closed (e.g. not processing information requests, forecasting, and observing). Provide the time frame this substitution can exist (e.g. overnight, 48 hours, continuously, etc).

FNMOC - There is **no other Navy activity** that can produce global numerical atmospheric and oceanographic data. NOAA/National Meteorological Center (NMC) products are continually available to regional METOC centers in conjunction with FNMOC products. If FNMOC were closed, Navy regional centers, Air Force and Army units would have to rely on the NOAA/NMC data, which is not tailored for DoD use nor does NOAA/NMC have access to classified data. NOAA/NMC products are often degraded over the open ocean, and are extremely limited in scope relative to DoD requirements; especially at and below the ocean surface.

FNMOC DET Tinker - Air Force Global Weather Center (AFGWC) could provide the same Automated Weather Network (AWN) support to Navy/USMC customers but with substantially degraded results due to differences in concept of operations between Navy and Air Force. Under current system configurations, this substitution could marginally serve customers for one week at a maximum.

FNMOC DET Asheville - None. There are no other Navy, DoD or National activities which develop climatologies over the world's oceans.

**9.b.** List any Naval Activity which could **remotely manage your facilities** or detachments information flow. If additional funding is required to accomplish this managed operation, discuss the extent of the funding required and the use of the funds in detail.

FNMOC - Quality control of data and maintenance of computer systems require on-scene personnel around the clock 365 days/year.

FNMOC DET Tinker - FNMOC in Monterey could conceivably manage the AWN information flow.

FNMOC DET Asheville - None.

10. For all weather and oceanographic data provided by your facilities or detachments, list the primary and any backup, incoming and outgoing data routes and their origination/destination points.

Primary	Backup	Incoming	Outgoing	Originator	Destination
AWN	NMC	X	X	FNMOC	TINKER AFB
AFGWC	NONE	X	X	FNMOC	OFFUTT AFB
NWSTG (NMC)	NONE	X	X	FNMOC	NMC
AUTODIN-OAKLAND	AUTODIN-ANDREWS	X	X	FNMOC	OAKLAND for AUTODIN distribution
AUTODIN-ANDREWS	AUTODIN-OAKLAND	X	X	FNMOC	ANDREWS for AUTODIN distribution
NODDS/OPARS-DDN (PRIMARY)	PDN/COMMERCIAL/DSN		X	FNMOC	600 DOD DIAL UP USERS
NODDS/OPARS-PDN (PRIMARY)	DDN/COMMERCIAL/DSN		X	FNMOC	600 DOD DIAL UP USERS
NODDS/OPARS-COMMERCIAL/DSN (SECONDARY)	DDN/PDN		X	FNMOC	600 DOD DIAL UP USERS
COMEDS		X		AWN	FNMOC
JVIDS		X	X	FNMOC	* ADNET SITES
NAVO		X	X	FNMOC	
DSNET-LA	DSNET-MCCLELLAN	X	X	FNMOC	**
DSNET-MCCLELLAN	DSNET-LA	X	X	FNMOC	**

Primary	Backup	Incoming	Outgoing	Originator	Destination
SPP	NAVO T1	X	X	FNMOC	NAVO AFGWC NESDIS
MILNET	T1 OR DREN	X	X	FNMOC	***

\* ADNET SITES  
 COAST GUARD  
 NLMOC  
 JTF 4/5/6  
 JOTS  
 JCS  
 TRANSCOM  
 NPMOC  
 NPMOC WEST

\*\* RED TESS:  
 NLMOC  
 NEMOC  
 NPMOC WEST  
 NPMOC  
 NAVO  
 CTF12 PEARL HARBOR  
 NAVICE SUITLAND  
 PT MUGU  
 NORTH ISLAND

JOTS:  
 FORSCOM  
 TRANSCOM  
 JCS (6)  
 PACOM  
 CENTCOM  
 JTF 4/5/6  
 USCG7  
 USCGPAC  
 NMJIC  
 NLMOC  
 NPMOC

CLASSIFIED LANS:  
 NPMOC WEST  
 NLMOC

\*\*\*BLACK TESS:  
 NLMOC  
 NEMOC  
 NPMOC  
 NPMOC WEST  
 NAVO  
 NIC

NSDS-G:  
 NLMOC  
 NEMOC  
 NPMOC  
 NPMOC WEST  
 NAVO  
 NIC

OTHER:  
 NOAA  
 NAVOCEANO  
 JWC GUAM  
 NIC  
 GODDARD  
 NRL WEST  
 DNA-4 SITES  
 COAST GUARD ICE PATROL  
 NAVAL POST GRADUATE SCHOOL  
 NOAA NODDS  
 NPMOC WEST LAN (U)

Back up for FNMOC outgoing products are as follows:

Contributions of Environmental Effects on Missile Systems (CEEMS) PRI: FNMOC, ALT: AFGWC (degraded)

Optimum Path Aircraft Routing System (OPARS) PRI: FNMOC, ALT: field detachments must provide manual routing with available model output.

Numerical Weather Prediction Models (NWP) PRI: FNMOC, ALT NMC (reduced capability)

**11. List all unique equipments, capabilities, or facilities etc. located at or controlled by your facility. (e.g. Switching Node, etc.)**

The LAN connects FLENUMMETOCCEN microcomputers and workstations with FLENUMMETOCCEN mainframes, Naval Research Laboratory Monterey Novell LANs and workstations, the Defense Data Network, National Oceanographic and Atmospheric Administration/Ocean Applications Branch DEC computers and workstations and Pacific Fisheries Environmental Group computers. The LAN supports over 350 FLENUMMETOCCEN and NRL PC compatible microcomputers with Novell Netware and over 60 UNIX based workstations with shared printers including laser printers, mass storage file servers, tape backup devices, bar-code printer and readers, CD-ROM drives, and uninterrupted power supplies to reduce system down time resulting from commercial power fluctuations. The cabling is 62.5/125 fiber with Ethernet to the desktop and FDDI backbones. The LAN provides data communications among command management, Department Heads, administrative staff, remote detachments, programmer work groups and persons in travel status to provide individual and group productivity tools to users. Software packages include Word Perfect, Harvard Graphics, Excel, Arts and Letters presentation graphics, and Microsoft Windows.

DDN MILNET Packet Switch Node with 5 interswitch trunks

DREN- Defense Research Engineering Network

Connectivity to NMC, AWN & AFGWC

DPSR-setup is unique in that it provides data to NAVMETOCCOM theater centers

JOTS

DMSP imagery to Navy sites

NODDSFAX

AICS - AUTODIN Integrated Communications System- DISA certified automated communication system, which provides computer generated METOC data to fleet users via the AUTODIN network.

**12.a.** List all facilities or data gathering systems which can **currently substitute data gathering** (weather or oceanographic data) for **your existing equipment/methods**. Indicate the percentage and types of the data gathered which are duplicated by other facilities or systems and the percentage and types of data gathered which are unique to your collection system.

There are no facilities that can substitute data gathering for our existing equipment/methods.

**12.b.** List any Naval Activity which could **manage your data gathering locations or system** on a remote basis. If additional funding is required to accomplish this remote collection operation, discuss the extent of the funding required and the use of the funds in detail.

There are no naval activities which could manage our data gathering. FNMOC relies on outside systems (AWN, Autodin, Shared Processing Program 'SPP' ) for its incoming data.

**12.c.** List all facilities or product distribution systems which can **currently substitute information distribution** for your weather or oceanographic data with **existing equipment**. Indicate the percentage and types of weather or oceanographic data which are duplicated by other facilities or distribution systems and the percentage and types of weather or oceanographic data which are unique to your distribution system.

FNMOC distributes over 33,000 meteorological and oceanographic (METOC) products each day to users around the world through more than a dozen different communications circuits. Several of the circuits are unique to DoD and support classified data exchange. No other facility or product distribution system in the world has the existing equipment (or data base) to fully duplicate this capability.

Although model formulations, skill levels, and resolutions differ, approximately 20% of the METOC products produced by FNMOC are duplicated to a degree by the National Meteorological Center (NMC). These products are: (1) global meteorological fields, (2) high-resolution regional meteorological fields over CONUS, (3) global ocean surface wave fields, and (4) global sea-surface temperature analyses. Indeed, this functional overlap allows the two Centers to partially back each other up. Without it, there would be a national single-point-of-failure for weather and oceanographic prediction services.

Approximately 80% of the METOC products produced by FNMOC are unique and not duplicated by any other facility. These standard and fully-automated products include: (1) high-resolution regional meteorological fields in areas of high DoD interest outside of CONUS (e.g., Korea), (2) three-dimensional (i.e., surface to bottom) global ocean thermal structure and global ocean surface current analyses and forecasts, (3) three-dimensional high-resolution regional ocean thermal structure and regional surface current analyses and forecasts in areas of high DoD interest, (4) high-resolution regional ocean wave forecasts in areas of high DoD interest, and (5) Arctic/Antarctic sea ice analyses and prediction of ice coverage and movement.

**12.d.** List any Naval Activity which could **manage your data distribution locations or system** on a remote basis. If additional funding is required to accomplish this remote distribution system, discuss the extent of the funding required and the use of the funds in detail.

No other Naval activity could remotely manage our data distribution or systems.

**12.e.** Describe how **other DoD or Non-DoD organizations can substitute** for your data gathering, model development/validation, prediction/forecasting, and data distribution. Include weather and oceanographic information in the discussion. Also include, how other DoD and Non-DoD organizations might substitute in certain regions (e.g. CONUS) for data gathering, model development/validation, prediction/forecasting, and data distribution. If additional funding would be required to generate a multi-organizational system of data gathering, model development/validation, prediction/forecasting and data distribution, discuss the extent of the funding required and the use of the funds in detail.

a. Data Gathering

In the context of operations at FNMOC, "data gathering" is interpreted as the receipt, decoding, and management of METOC observations supplied in near real time by a variety of sources from all around the world. FNMOC does not deploy or operate any platforms for making METOC observations.

FNMOC operates its supercomputer system in a permanent Systems High classified state to allow gathering and processing of classified METOC data in the supercomputer-resident METOC models. This is a hard and fast requirement for support of DoD, as most (if not all) METOC data in theater become classified during a regional conflict, as proven by operations DESERT SHIELD and DESERT STORM. No other facility in the United States can currently duplicate this classified METOC data gathering and processing capability.

b. Model Development/Validation

FNMOC does not develop METOC models. The models implemented at FNMOC are developed mainly by the Naval Research Laboratory (NRL) and other Office of Naval Research (ONR) sponsored efforts.

Validation of the METOC models implemented at FNMOC is generally comprised of two separate stages:

Technical Validation and Operational Validation. Technical Validation is performed by the model developer (e.g., NRL) to demonstrate the scientific validity of the model before it is delivered for implementation at FNMOC.

Operational Validation is performed by FNMOC to demonstrate the operational skill, reliability and usefulness of the model after it has been installed on the operational supercomputer and integrated with the operational jobstream and data.

Because of the fundamental prerequisite for full integration with the unique FNMOC operational environment (e.g., computer hardware, data base management system, support software, operational job scheduling, etc.), Operational Validation of FNMOC METOC models can be performed only by FNMOC.

c. Prediction/Forecasting

As discussed in 12.c above, approximately 20% of the FNMOC METOC prediction/forecasting function is replicated in a general sense at the National Meteorological Center (NMC), allowing the two centers to partially back each other up. The remaining 80% is unique to FNMOC, and consists primarily of global oceanographic models and high-resolution regional meteorological and oceanographic models operated for areas of potential U.S. military action. Classified data input is a key ingredient for the regional models as most, if not all, METOC data in theater will become classified during any regional conflict. No other DoD or Non-DoD organization currently has the product suite, supercomputer capacity, and classified METOC data processing capability to replace these METOC prediction/forecast functions at FNMOC.

d. Data Distribution

In the context of operations at FNMOC, "data distribution" is synonymous with "information distribution." Thus, the answer to this question is the same as 12.c above. No other organization in the world currently has the capability to fully substitute for the data distribution function at FNMOC.

Through well-established and ongoing arrangements for interagency cooperation, coordination and data exchange (e.g., Office of the Federal Coordinator for Meteorology (OFCM), Committee on Operational Processing Centers (COPC), Interagency Meteorological Data Exchange System (IMDES), etc.), such a multi-organizational system is in place now. No additional funding is required. Further, Navy-Air Force and Navy - NOAA agreements are in place to commonly share each other's unique data and products to minimize unnecessary duplication, and to build on each other's strengths.

**13.a.** Given **no operational funding or manning limits**, what modifications or improvements would you make to your facilities infrastructure to increase the capacity of your installation? Provide a description, cost estimates, and additional capacity gained.

Disregarding resource limitations, desirable modifications to facilities would include:

- upgrade internal power distribution system (circuit breakers and panels)
- replace ducting
- improve environmental air filters and testers
- replace halon system
- centralize fire control alarms
- replace smoke/under floor water detectors
- install security system for external equipment doors
- redesign computer center to centralize operations

provide for dedicated space for preinstallation equipment testing and storage  
demolish old buildings  
renovate spaces after equipment removal  
provide permanent on site maintenance personnel

Most of the above items would allow FNMOC to improve working conditions and safety. These improvements would also increase the efficiency of FNMOC equipment and personnel. The cost of all of the above would be \$1.3M and could be spread out over several years.

**13.b.** What **site modifications/facility improvements are budgeted** in Presidential Budget 1995 through FY 1997 (including all BRACON) that would improve the capacity at your facility? Provide a description, cost, and additional capacity that could be realized.

N/A

**13.c.** Given **unconstrained funding** and manning levels, what **Personal Property or Equipment** would you change (add, delete, or modify) to increase your capacity? Provide a description, cost estimates, and additional capacity that could be realized.

With unconstrained funding, following existing equipment would be upgraded, replaced or added:

massively parallel processing (MPP) supercomputer  
optical document storage/retrieval  
centralized voice mail  
facsimile to desktop  
centralized help desk  
information management system  
FDDI/high speed links to desktop  
teleconferencing  
high speed archival  
upgraded communications capacity

All of the above would increase the efficiency of FNMOC and dramatically improve FNMOC's support to all of its customers (DoD and civilian). The cost for all of the improvements would be \$18.2 M and could be spread out over several years. The largest portion of this expense is associated with the MPP (\$17.0 M). While the MPP is already in FNMOC's POM, it has been included here with the goal of purchasing it sooner rather than later. Purchasing in FY 96, would allow FNMOC to remain on the leading edge of technology and ensure that the best model output is provided to the Fleet and DoD.

**13.d.** Are there any environmental, legal or other **factors that inhibit further increase** in capacity (e.g. encroachments, pollutant discharge, electromagnetic interference, etc.)? Provide details and possible solutions.

Limitations on space

Community restrictions on traffic, parking, construction on the Annex and tree removal

Water restrictions

Restrictions due to close proximity of Monterey Airport

Airport noise

FAA restrictions on electronic equipment

Building height

While there are restrictions due to the close proximity of Monterey Airport, construction has been and could be completed on the Annex. FNMOC enjoys a friendly working relationship with both the City of Monterey and local residents committee.

**PERSONNEL SUPPORT CAPACITY**

**14.a.** By facility Category Code Number (CCN), provide the usage requirements for each course of instruction required for all formal schools on your installation. Do not include requirements for maintaining unit readiness, GMT, sexual harassment, etc. Include all applicable 171-XX and 179-xx CCN's.

CCN: N/A

Type of Training Facility	School	Type of Training	FY 1993 Requirements			FY 2001 Requirements		
			A	B	C	A	B	C
N/A								

A = Students per year

B = Number of hours each student spends in this training facility for the type of training received

C = A X B

**14.b.** By Category Code Number (CCN), complete the following table for all **training facilities** aboard the installation. Include all 171-xx, 179-xx CCN's.

**For example:** In the category 171-10, a type of training facility is academic instruction classroom. If you have 10 classrooms with a capacity of 25 students per room, the design capacity would be 250. If these classrooms are available 8 hours a day for 300 days a year, the capacity in student hours per year would be 600,000.

CCN: 171-20

Type Training Facility	Total Number	Design Capacity (PN) <sup>1</sup>	Capacity (Student HRS/YR) <sup>2</sup>
Computer Training Lab	12	12	24,960

CCN: 171-25

Type Training Facility	Total Number	Design Capacity (PN) <sup>1</sup>	Capacity (Student HRS/YR) <sup>2</sup>
Auditorium	50	50	104,000

<sup>1</sup> Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings, i.e., ranges. Design Capacity (PN) must reflect current use of the facilities.

<sup>2</sup> Describe how the Student HRS/YR value in the preceding table was derived.

Facilities are normally used 40 hours per work week X 52 weeks per year.

**15.a.** Provide data on the BOQs and BEQs assigned to your current plant account. The desired unit of measure for this capacity is people housed. Use CCN to differentiate between pay grades, i.e., E1-E4, E5-E6, E7-E9, CWO-O2, O3 and above.

Facility Type, Bldg. # & CCN	Total No. of Beds	Total No. of Rooms	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
N/A								

**15.b.** In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information:

- a. FACILITY TYPE/CODE:
- b. WHAT MAKES IT INADEQUATE?
- c. WHAT USE IS BEING MADE OF THE FACILITY?
- d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
- e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
- f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
- g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

**16.a.** Provide data on the BOQs and BEQs projected to be assigned to your plant account in FY 1997. The desired unit of measure for this capacity is people housed. Use CCN to differentiate between pay grades, i.e., E1-E4, E5-E6, E7-E9, CWO-O2, O3 and above.

Facility Type, Bldg. # & CCN	Total No. of Beds	Total No. of Rooms	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
N/A								

**16.b.** In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information:

- a. FACILITY TYPE/CODE:
- b. WHAT MAKES IT INADEQUATE?
- c. WHAT USE IS BEING MADE OF THE FACILITY?
- d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
- e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
- f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
- g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

**17.a.** Provide data on the messing facilities assigned to your current plant account.

Facility Type, CCN and Bldg. #	Total Sq. Ft.	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	Sq Ft	Seats	Sq Ft	Seats	Sq Ft	
N/A								

**17.b.** In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information:

- a. FACILITY TYPE/CODE:
- b. WHAT MAKES IT INADEQUATE?
- c. WHAT USE IS BEING MADE OF THE FACILITY?
- d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
- e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
- f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
- g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

**18.a.** Provide data on the messing facilities projected to be assigned to your plant account in FY 1997.

Facility Type, CCN and Bldg. #	Total Sq. Ft.	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	Sq Ft	Seats	Sq Ft	Seats	Sq Ft	
N/A								

**18.b.** In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information:

- a. FACILITY TYPE/CODE:
- b. WHAT MAKES IT INADEQUATE?
- c. WHAT USE IS BEING MADE OF THE FACILITY?
- d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
- e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
- f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
- g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

19. For military **married family housing assigned to your plant account** provide the following information:

Table 19.1

Type of Quarters	Number of Bedrooms	Total number of units	Number Adequate	Number Substandard	Number Inadequate
Officer	4+	N/A			
Officer	3	N/A			
Officer	1 or 2	N/A			
Enlisted	4+	N/A			
Enlisted	3	N/A			
Enlisted	1 or 2	N/A			
Mobile Homes		N/A			
Mobile Home lots		N/A			

In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified describe why the housing is inadequate; indicate how the housing is being used and list other possible uses; and specify the costs to remove the deficiencies that make it inadequate. Indicate current plans to remove these deficiencies and the amount of any programmed funds.

20. For personnel assigned to your base and tenant activities who live in **government quarters other than yours**, indicate the plant account holder UIC for their quarters.

Naval Postgraduate School, Monterey, CA UIC: 62271

Tinker Air Force Base, OK UIC: N/A

**BASE INFRASTRUCTURE**

**21.a.** Utilize Table 21.1 below to provide information on your activity's base infrastructure capacity and load.

**Table 21.1 Base Infrastructure Capacity & Load**

	<b>On Base Capacity</b>	<b>Off base long term contract</b>	<b>Normal Steady State Load</b>	<b>Peak Demand</b>
<b>Electrical Supply (KWH)</b>	2,100	N/A	1,250	2,100
<b>Natural Gas (CFH)</b>	3,000	N/A	2,000	3,000
<b>Sewage (GPD)</b>	10,389	N/A	8,830	10,389
<b>Potable Water (GPD)</b>	11,827	N/A	11,000	11,827
<b>Steam (lbm/Hr)</b>	N/A			
<b>Long Term Parking</b>	344			
<b>Short Term Parking</b>	360			

**21.b. Maintenance, Repair & Equipment Expenditure Data:** Use Table 21.2 (below) to provide data on facilities and equipment expenditures at your activity. Project expenditures to FY97. Do not include data on Detachments who have received this Data Call directly. The following definitions apply:

Maintenance of Real Property (MRP) Dollars: MRP is a budgetary term used to gather the expenses or budget requirements for facility work including recurring maintenance, major repairs & minor construction (non-MILCON) inclusive of all Major Claimant funded Special Projects. It is the amount of funds spent on or budgeted for maintenance and repair of real property assets to maintain the facility in satisfactory operating condition. For purposes of this Data Call MRP includes all M1/R1 and M2/R2 expenditures.

Current Plant Value (CPV) of Class 2 Real Property: The hypothetical dollar amount to replace a Class 2 facility in kind with today's dollars. Example: the cost today to replace a wood frame barracks with a wood frame barracks.

Acquisition Cost of Equipment (ACE): The total cumulative acquisition cost of all "personal property" equipment maintained at your activity which includes the cost of installed equipment directly related to mission execution, such as lab test equipment. Class 2 installed capital equipment that is an integral part of the facility will not be reported as ACE.

**Table 21.2 Maintenance, Repair & Equipment Expenditure Data  
for FLENUMMETOCCEN (UIC: 63134)**

Fiscal Year	MRP (\$K)	CPV (\$M)	ACE (\$M)
1985	N/A	0	30.9
1986	N/A	0	30.9
1987	N/A	0	30.9
1988	747.3	0	30.9
1989	332.0	0	34.4
1990	543.9	0	35.3
1991	613.6	0	35.7
1992	495.9	0	67.2
1993	569.0	0	71.2
1994	445.0	0	72.1
1995	467.3	0	60.0
1996	657.7	0	58.2
1997	672.2	0	59.2

**Note: MRP is in thousands of dollars vice millions of dollars.**

**22. Real Estate Resources.** Identify in the table below the real estate resources which have the potential to facilitate future development and for which you are the plant account holder or into which, though a tenant, your activity could reasonably expect to expand. Complete a separate table for each individual site, i.e., main base, outlying airfields, special off-site areas, etc. The unit of measure is acres. Developed area is defined as land currently with buildings, roads, and utilities where further development is not possible without demolition of existing improvements. Include in "Restricted" areas that are restricted for future development due to environmental constraints (e.g. wetlands, landfills, archaeological sites), operational restrictions (e.g. ESQD arcs, HERO, HERP, HERF, AICUZ, ranges) or cultural resources restrictions. Identify the reason for the restriction when providing the acreage in the table. Specify any entry in "Other" (e.g. submerged lands).

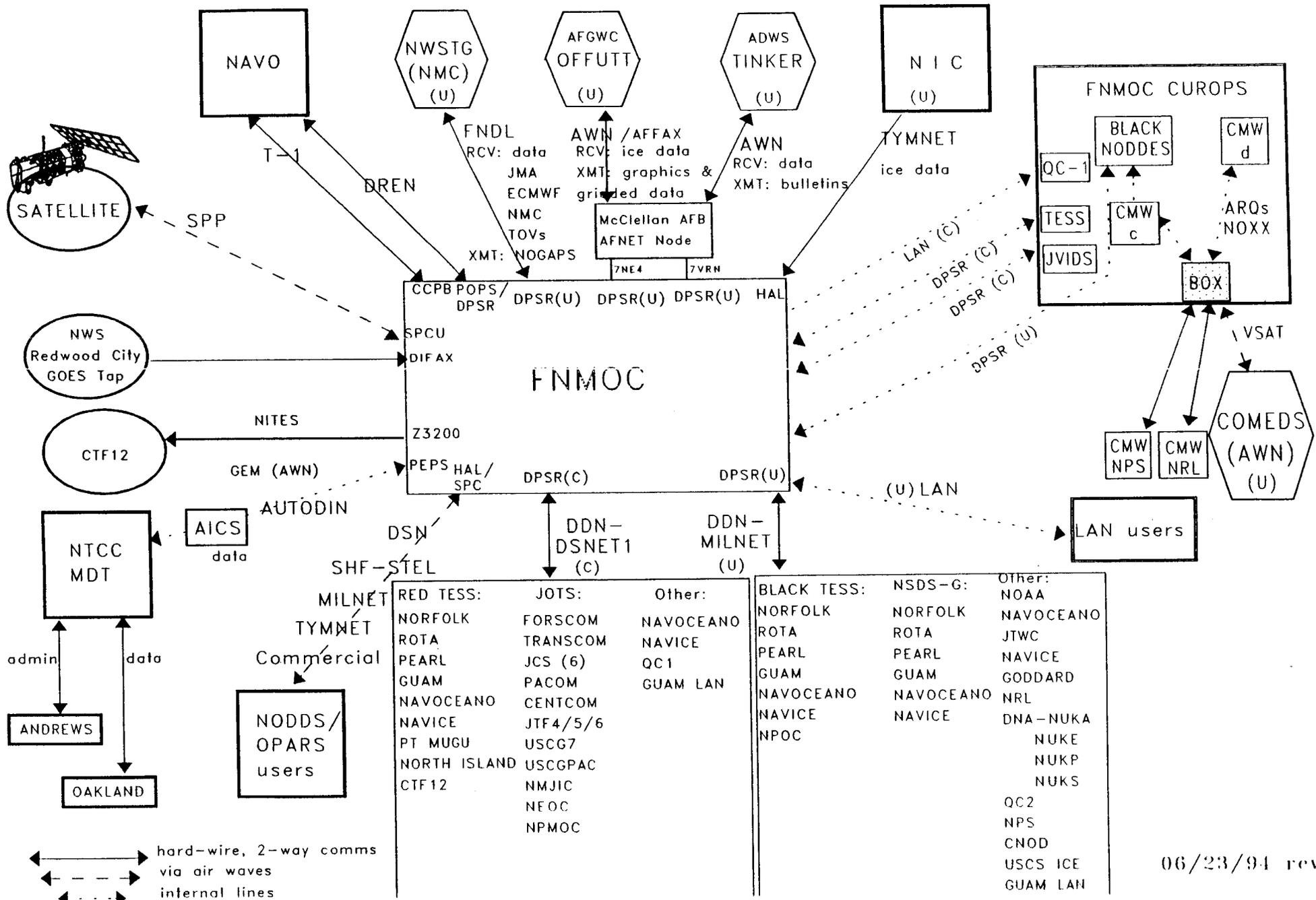
Site Location: NPS ANNEX

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance	0	-	-	-
Operational	2.0	0.4	-	1.6
Training	0	-	-	-
R & D	1.0	0.62	-	0.38
Supply & Storage	0.5	0.1	-	0.4
Admin	3.3	0.8	2 (AICUZ)	0.5
Housing	0	-	-	-
Recreational	1.0	0.34	-	0.66
Navy Forestry Program	0	-	-	-
Navy Agricultural Outlease Program	0	-	-	-
Hunting/Fishing Programs	0	-	-	-
Other	0	-	-	-
<b>Total:</b>	<b>7.8</b>	<b>2.26</b>	<b>2.0</b>	<b>3.54</b>

Note: FNMOC is a tenant of NPS (UIC 62271) and located on the 22.56 acre NPS Annex. Because FNMOC shares the Annex with the National Weather Service, Naval Research Laboratory, Marine Meteorology Division, NOAA/Ocean Applications Branch and the National Marine Fisheries Service, Pacific Fisheries Environmental Group the acreage total will not equal the full 22.56 acres.

# Fleet Numerical METOC Center Communications

UIC 63134



FLEET NUMERICAL METEOROLOGY AND OCEANOGRAPHY CENTER  
UIC 63134

ADNET - Anti-Drug Network  
ADP - Automated Data Processing  
AFGWC - Air Force Global Weather Central  
AICS - AUTODIN Integrated Communications System  
ASO - Aviation Safety Office  
AUTODIN - Automatic (Automated) Digital (Information) Network  
AWN - Automated Weather Network  
BEQ - Bachelor Enlisted Quarters  
BOQ - Bachelor Officer Quarters  
BRAC - Base Re-Alignment and Closure  
BRACON - Base Re-Alignment Construction  
CCN - Category Code Number  
CDC - Child Development Center  
CEEMS - Contribution of Environmental Effects on Missile Systems  
CENTCOM - Central Command  
CIVSUB - Civilian Substitution  
COMEDS - CONUS Meteorological (Environmental) Data System  
COMNAVMETOCCOM - Commander, Naval Meteorology and Oceanography Command  
COMP OP - Component 15 Operator  
COPC - Committee on Operational Processing Centers  
CPV - Current Plant Value  
CTF12 Pearl Harbor - Commander Task Force 12  
DDN - Defense Data Network  
DET - Detachment  
DISA - Defense Information Services Agency  
DMSP - Defense Meteorological Satellite Program (DOD)  
DoD - Department of Defense  
DPS - Distributed Processing System  
DPSR - DPS Replacement  
DREN - Defense Research Engineering Network  
DRMI - Defense Resource Management Institute  
DSN - Defense Switched Network  
DSNET - Defense Information Secure Network  
FDDI - Fiber Distributed Data interface  
FLENUMMETOCCEN - Fleet Numerical Meteorology & Oceanography Center  
FNMOC - Fleet Numerical Meteorology & Oceanography Center  
FORSCOM - Forces Command  
IMDES - Interagency Meteorology Data Exchange System  
ISSA - Inter-Service Support Agreement  
JCS - Joint Chiefs of Staff  
JTF - Joint Task Force  
JTWC - Joint Typhoon Warning Center (Guam)  
JVIDS - Joint Visual Integrated Display System  
LAN - Local Area Network  
MCSST - Multi-Channel Sea Surface Temperature  
METOC - Meteorology/Oceanography  
METOCCEN - Meteorology and Oceanography Center  
MILCON - Military Construction  
MILNET - Military Network  
MLS - Multi-Level System  
MRP - Maintenance of Real Property  
NATO - North Atlantic Treaty Organization  
NAVAF - Navy/Air Force  
NAVICE - Naval Ice Center  
NAVLANTMETOCCEN - Naval Atlantic Meteorology and Oceanography Center  
NAVMETOCCOM - Naval Meteorology and Oceanography Command  
NAVO - Naval Oceanographic Office (NAVOCEANO)  
NAVOBSY - Naval Observatory  
NAVOCEANO - Naval Oceanographic Office  
NAVPACMETOCCEN - Naval Pacific Meteorology and Oceanography Center  
NCIS - Naval Criminal Investigative Service  
NEMOC - Naval European Meteorology and Oceanography Center  
NESDIS - National Environmental Satellite Data Information Service  
NIC - Network Information Center  
NLMOC - Naval Atlantic Meteorology and Oceanography Center  
NMC - National Meteorological Center  
NMJIC - National Military Joint Intelligence Center  
NMORA - Naval Meteorology and Oceanography Reserve Activity

NOAA - National Oceanic and Atmospheric Administration  
NODDS - Navy Oceanographic Data Distribution System  
Navy/NOAA Oceanographic Data Distribution System  
NODDSFAX - NODDS Facsimile  
NPMOC - Naval Pacific Meteorology and Oceanography Center  
NPS - Naval Postgraduate School  
NRL - Naval Research Laboratory  
NSDS - Naval Satellite Display Station  
NSDS-G - NSDS\Geostationary Receiver Upgrade  
NTS - Naval Telecommunication System  
NWP - Naval Weapons Publication  
NWS - National Weather Service  
NWSHG - NWS Telecommunications Gateway  
OAB - Ocean Application Branch  
OFCM - Office of the Federal Coordinator for Meteorology  
OIC - Officer in Charge  
ONR - Office of Naval Research  
OPARS - Optimum Path Aircraft Routing System  
PACOM - Pacific Command  
PDN - Public Data Network  
PEPS - Primary Environmental Prediction System  
PEPSU - PEPS Upgrade  
POM - Presidio of Monterey  
POPS - Primary Oceanographic Prediction System  
RSPO - Route Services Petty Officer  
SPN - Shared Processing Network  
SPCU - Satellite Processing Center Upgrade  
SPP - Shared Processing Program  
SSM/I - Special Sensor - Microwave/Imager  
TESS - Tactical Environmental Support System  
TRANSCOM - Transportation Command  
USCG - U.S. Coast Guard  
USCGPAC - U.S. Coast Guard Pacific

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 8 December 1993

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

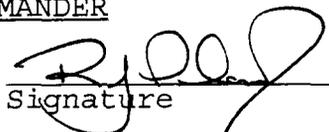
The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certification and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

CAPT R. J. PLANTE  
NAME (Please type or print)

  
Signature

Commanding Officer  
Title

30 June 1994  
Date

Fleet Numerical Meteorology and Oceanography Center, Monterey CA  
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

\_\_\_\_\_  
NAME (Please type or print

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

\_\_\_\_\_  
NAME (Please type or print

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Activity

In certify that the information herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

J.E. CHUBB  
\_\_\_\_\_  
NAME (Please type or print

  
\_\_\_\_\_  
Signature

Commander  
\_\_\_\_\_  
Title

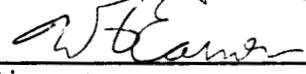
15 July 94  
\_\_\_\_\_  
Date

Naval Meteorology and Oceanography Command  
\_\_\_\_\_  
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)  
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

W. A. EARNER  
\_\_\_\_\_  
NAME (Please type or print

  
\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

2/18/94  
\_\_\_\_\_  
Date

BRAC-95 CERTIFICATION

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

LCDR J. F. O'HARA  
NAME (Please type or print)

  
Signature

Management Department Head  
Title

30 June 1994  
Date

20  
Division

Management  
Department

Fleet Numerical Meteorology and Oceanography Center, Monterey CA  
Activity

**MILITARY VALUE ANALYSIS**

85

**DATA CALL WORK SHEET**

**FOR NAVAL METEOROLOGY AND OCEANOGRAPHY CENTERS:**

**Fleet Numerical Meteorology and Oceanography Center, Monterey, CA UIC: 63134**

**Fleet Numerical Meteorology and Oceanography Center Component 15, Monterey, CA  
UIC: 39027**

**Fleet Numerical Meteorology and Oceanography Detachment, Tinker AFB, OK UIC:  
66889**

**Fleet Numerical Meteorology and Oceanography Detachment, Asheville, NC UIC:  
30832**

**PRIMARY UIC: 63134**

(Insert this UIC in "Header A" on every page)

Category.....Operational Support  
Sub-category.....Ocean & Meteorological

**\*\*\*\*\*If any responses are classified, attach separate classified annex.\*\*\*\*\***

**ENCLOSURE (3)**

Naval Meteorology and Oceanography Centers Activity Listing

Type	Title	Location
COMMANDER	COMNAVMETOCCOM	STENNIS SPACE CENTER, MS
METOCEN	FLENUMMETOCEN	MONTEREY, CA
METOCEN	NAVPACMETOCEN	PEARL HARBOR, HI
METOCEN	NAVPACMETOCEN WEST	GUAM
METOCEN	NAVLANTMETOCEN	NORFOLK, VA
NAVOCEANO	NAVOCEANO	STENNIS SPACE CENTER, MS
NAVOBSY	NAVAL OBSERVATORY	WASHINGTON, DC

## Data for Military Value Analysis

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**Base Infrastructure and Investment**

1. List the project number, description, funding year, and value of the **capital improvements at your base completed (beneficial occupancy) during 1988 through 1994**. Indicate if the capital improvement is a result of BRAC realignments or closures.

**Table 1.1 Capital Improvement Expenditure**

Project	Description	Fund Year	Value
P-005	Addition to Building 700	1991	\$1.0M
P-004	Meteorological Building	1992	\$4.7M

2.a. List the project number, description, funding year, and value of the **non-BRAC related capital improvements planned** for years 1995 through 1997.

**Table 2.1 Planned Capital Improvements**

Project	Description	Fund Year	Value
N/A			

2.b. List the project number, description, funding year, and value of the **BRAC related capital improvements planned** for 1995 through 1999.

**Table 2.2 Planned BRAC Capital improvements**

Project	Description	Fund Year	Value
N/A			

3.a. List the **encroachments of record** at your station, base, facility or satellite locations?

None.

**3.b.** Do current estimates of **population growth and development or environmental constraints** pose problems for the station, base, facility or satellite locations? Why or why not?

**No.** There are no population growth programs which will impact our mission. Latest population projections for the City of Monterey reflect a current city population of 31,000 growing to an estimated 35,000 by the year 2015. The areas immediately adjacent to the base are residential areas with no possible expansion at this time. In addition, no current environmental constraints pose any serious problem to existing or planned mission.

**3.c.** Provide a description of **local zoning ordinances** which might impact on future encroachment at your station, base, facility or satellite location.

**A copy of the city of Monterey's General Plan is attached.**

#### **Logistics Support**

**4.** Do you or any of your detachments have **special non-DOD or civilian support** missions? Describe the missions and state which activity performs the mission. If realignments planned between today and FY 1997 will add non-DOD or civilian support missions describe them.

**NOAA/NWS:** Provide security support to the local field office on the compound. Future support to expand as PC-based FNMOC product display software is distributed to NOAA agencies.

**NATO AND OTHER ALLIES:** Provide product display software to retrieve, via phone dial-in, FNMOC environmental fields.

**NOAA/Fisheries:** Provide environmental data for support to commercial fishing.

**US State Department:** Provide worldwide typhoon/hurricane wind and strike probability warning messages every 12 hours to threatened overseas American embassies.

**FNMOC provides ocean surface products to NASA during space shuttle launches.**

**FNMOC DET Tinker provides environmental alpha-numeric AWN data to Lockheed and Grumman Corporations for environmental research.**

**FNMOC DET Asheville funds the development of climatological publications and CD-ROMS which are widely distributed in the civil sector.**

5. List all **inter-service support agreements (ISSAs)** that involve supporting military (non-DON) and civilian activities.

Table 5.1 Non-DON Support Agreements

Agency/Service	Tenant name	Tenant UIC/DODAAC	Description of Support Role	Degree of support
NOAA/USAF/Navy	AFGWC/NESDIS		Satellite Data Exchange	Continuous project management.
NOAA/Navy	NOAA/OAB		NODDS (environmental data production and distribution)	Continuous project management for all of DoD and NOAA.

**Personnel Support Facilities**

6.a. In the following table, indicate the available space (SF), individual workstation (PN), and condition for each **facility designated or used for administrative purposes**.

Table 6.1 Administrative Support Spaces

Building Type	NAVFAC (P-80) category code	Adequate		Substandard		Inadequate		Total	
		SF	PN	SF	PN	SF	PN	SF	PN
Administrative office	610-10	34,622	247	0		0		34,622	247
*ADP installations	610-20	13,571	77	0		0		13,571	77
Legal services	610-40	NA		NA		NA		NA	
Admin storage	610-77	NA	NA		NA		NA		NA
Underground administrative office	620-10	NA							
Underground ADP installation	620-20	NA							
Underground admin storage	620-77	NA	NA		NA		NA		NA

\*Computers are used for operational Fleet support.

6.b. For all **facilities that were classified as inadequate** in the preceding table, identify the type of facility and describe why the facility is inadequate; indicate how the facility is being used and list other possible uses; and specify the costs to remove the deficiencies that make it inadequate (do not be concerned with the economic justification for these costs). Indicate current plans to remove these deficiencies and the amount of any programmed funds.

N/A

7. Describe any **administrative support facility limitations**. Describe the potential for expansion of the services that personnel support facilities provide.

N/A

### **Operational Suitability**

8.a. List the features of this station, base, or facility that make it a **candidate for basing other units in the future**.

**The NPS Annex is at the forefront of Monterey Peninsula's environmental synergism. Several collocated Navy and NOAA agencies form a tremendous information pool for use by other DoD and civilian activities based on the compound and off.**

8.b. List the features of this station, base, or facility that **inhibit the basing of other units**.

#### **Limitations on space**

**Unknown availability of NPS services to support additional units**

**Community restrictions on traffic, parking, construction on the Annex and tree removal**

**Water restrictions**

**Airport noise**

**FAA restrictions on electronic equipment**

**Building height restrictions**

**Isolation from major commercial equipment repair**

**Compound is only minimum security**

**Two mile distance to messing/berthing facilities**

9.a. Are there any **assets in the vicinity** of the station, base, or facility that are currently not used because of a deficiency or O&M,N funding shortages but **could be improved to enhance the station's contingency or mobilization capabilities**? Provide details.

**Communications capabilities could be improved to enable satellite to replace landline communications in the event of a major failure and to provide more direct access to METOC centers supported.**

9.b. Describe the size, composition and support provided to any **reserve units** that train at your installation. Describe the size, composition and support provided by those reserve units.

**Current Reserve Unit is NMORA 1887 which is currently manned only by 1800s and AGs who work on special projects supporting FNMOC information systems, visualization, etc.**

As of October 1994, NMORA 1887 will include ET/DP/DS ratings. All members will train on watch positions (RSPO/QCPO/COMP OP) and as computer equipment support technicians.

**FNMOE RESERVE SUPPORT (MAN-YRS)**

**FY89 - 0.1**

**FY90 - 0.6**

**FY91 - 0.9**

**FY92 - 0.5**

**FY93 - 0.6**

**FY94 - 0.59**

**10. Does the infrastructure meet current requirements and provide capabilities for future expansion or change in mission? Provide details.**

**Infrastructure is adequate but some support equipment including boilers, chillers, air conditioners, and fire containment systems need to be upgraded. Proposals to upgrade supercomputer to massively parallel processing can be accommodated in existing spaces. Initiatives to consolidate and share information with other DOD and federal agencies are not expected to require expanded infrastructure. Other expansion and changes in mission are not anticipated due to resource constraints.**

11.a. In the table provide the percent of time operations are precluded due to weather. Add any further descriptions on how **weather** generally **impacts base operations** (high winds, below freezing, high temperature, or snow, fog, or other visibility restricting conditions, etc.)

Table 11.1 Operational Weather Impact

	% outage CY 1990	% outage CY 1991	% outage CY 1992	% outage CY 1993
JAN	0	0	0	0
FEB	0	0	0	0
MAR	0	0	0	0
APR	0	0	0	0
MAY	0	0	0	0
JUN	0	0	0	0
JUL	0	0	0	0
AUG	0	0	0	0
SEP	0	0	0	0
OCT	0	0	0	0
NOV	0	0	0	0
DEC	0	0	0	0

Remarks:

**Command's computers are on an uninterruptible power system and backed up by an emergency generator. These factors provide FNMOC with the capability of continuous operations regardless of the weather conditions.**

**11.b** What percentage of the time (on average, by month) does the local weather affect maintenance operations? Use the chart below and add any further descriptions on how **weather generally impacts base maintenance evolutions** (high winds, below freezing, high temperature, or snow, fog, or other visibility restricting conditions).

**Table 11.2 Maintenance Weather Impact**

	Inches of Rain/Snow			Days under 40°F			% maint. days cancelled due to low or high temperatures or precipitation		
	CY 1991	CY 1992	CY 1993	CY1991	CY 1992	CY 1993	CY 1991	CY1992	CY 1993
JAN	.70	2.20	9.66	5	5	8	0	0	0
FEB	2.26	6.30	7.56	1	0	1	0	0	0
MAR	7.52	3.99	3.10	2	0	0	0	0	0
APR	.48	.03	.92	0	0	0	0	0	0
MAY	.24	.01	.83	0	0	0	0	0	0
JUN	.03	.19	.84	0	0	0	0	0	0
JUL	.05	.03	.04	0	0	0	0	0	0
AUG	.26	.10	.04	0	0	0	0	0	0
SEP	.02	.07	.01	0	0	0	0	0	0
OCT	1.28	.65	.15	0	0	0	0	0	0
NOV	.14	.18	1.76	0	0	2	0	0	0
DEC	3.50	6.26	2.02	2	4	6	0	0	0

Remarks:

**Local weather conditions are fairly mild and do not impact operations or maintenance.**

**11.c.** Describe any unique training opportunities afforded by the local climate or geography.

N/A

**Quality of Life**

**12. Military Housing**

**Note: Following data is same info contained in UIC 62271 BRAC Data Call.**

a. Family Housing:

(1) Do you have mandatory assignment to on-base housing? (circle) yes **no**

(2) For military family housing in your locale provide the following information:

Type of Quarters	Number of Bedrooms	Total number of units	Number Adequate	Number Substandard	Number Inadequate
Officer	4+	131	131	--	--
Officer	3	686	686	--	--
Officer	1 or 2	74	74	--	--
Enlisted	4+	N/A			
Enlisted	3	N/A			
Enlisted	1 or 2	N/A			
Mobile Homes		N/A			
Mobile Home lots		N/A			

**NOTE: In addition to the above listed, Naval Postgraduate School (NPS) "owned" assets; NPS also has assignment rights to 600 military family housing units at the Presidio of Monterey Annex (the old Fort Ord). These units are earmarked to support approximately 150 enlisted NPS personnel and 450 more officers, students and staff attached to NPS.**

(3) In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information:

Facility type/code:

What makes it inadequate?

What use is being made of the facility?

What is the cost to upgrade the facility to substandard?

What other use could be made of the facility and at what cost?

Current improvement plans and programmed funding:

Has this facility condition resulted in C3 or C4 designation on your BASEREP?

12.a.(4) Complete the following table for the military housing waiting list.

Pay Grade	Number of Bedrooms	Number on List <sup>1</sup>	Average Wait
O-6/7/8/9	1	N/A	N/A
	2	N/A	N/A
	3	0	0
	4+	0	0
O-4/5	1	N/A	N/A
	2	N/A	N/A
	3	1	14 Days
	4+	0	90 Days
O-1/2/3/CWO	1	N/A	N/A
	2	3	60 Days
	3	6	14 Days
	4+	16	90 Days
E7-E9	1	N/A	N/A
	2	N/A	N/A
	3	N/A	N/A
	4+	N/A	N/A
E1-E6	1	N/A	N/A
	2	N/A	N/A
	3	N/A	N/A
	4+	N/A	N/A

<sup>1</sup>As of 31 March 1994

12.a.(5) What do you consider to be the top five factors driving the demand for base housing? Does it vary by grade category? If so provide details.

Top Five Factors Driving the Demand for Base Housing	
1	Cost of Off Base Housing; prices of homes in Monterey are high
2	Availability of Housing; minimal waiting for a unit
3	Close proximity to NPS and elementary school
4	Strong family environment; outstanding security
5	Public School System

(6) What percent of your family housing units have all the amenities required by "The Facility Planning & Design Guide" (Military Handbook 1190 & Military Handbook 1035-Family Housing)? **100%**

(7) Provide the utilization rate for family housing for FY 1993.

Type of Quarters	Utilization Rate
Adequate	95.5%
Substandard	N/A
Inadequate	N/A

(8) As of 31 March 1994, have you experienced much of a change since FY 1993? If so, why? If occupancy is under 98% ( or vacancy over 2%), is there a reason?

**The answer to both questions is "Yes". With the recent closure of Fort Ord, an adjacent Army base, NPS has had the unique opportunity to request as much military family housing as needed. In July '93, NPS first entered an inter-service support agreement (ISSA) for the assignment rights of 450 units. Today, we are on the verge of amending that ISSA for the assignment rights of 600 units. Simultaneously, we are having to leave vacant NPS units in support of two major Navy housing projects, i.e., structural repairs to 65 townhouses and a whole house repair of 102 Wherry units. These factors have contributed to a lower than normal occupancy rate.**

12.b. BEQ:

(1) Provide the utilization rate for BEQs for FY 1993.

Type of Quarters	Utilization Rate
Adequate	80%
Substandard	58%
Inadequate	N/A

(2) As of 31 March 1994, have you experienced much of a change since FY 1993? If so, why? If occupancy is under 95% (or vacancy over 5%), is there a reason? **There are fewer personnel assigned than rooms (excess rooms).**

(3) Calculate the Average on Board (AOB) for geographic bachelors as follows:

$$\text{AOB} = \frac{(\# \text{ Geographic Bachelors} \times \text{average number of days in barracks})}{365}$$

**Enlisted GB AOB = 10**

(4) Indicate in the following chart the percentage of geographic bachelors (GB) by category of reasons for family separation. Provide comments as necessary.

Reason for Separation from Family	Number of GB	Percent of GB	Comments
Family Commitments (children in school, financial, etc.)	16	100%	Navy personnel only
Spouse Employment (non-military)	0	0	
Other	0	0	
<b>TOTAL</b>	16	100	

(5) How many geographic bachelors do not live on base? **4**

12.c. BOQ:

(1) Provide the utilization rate for BOQs for FY 1993.

Type of Quarters	Utilization Rate
Adequate	0
Substandard	86%
Inadequate	N/A

(2) As of 31 March 1994, have you experienced much of a change since FY 1993? If so, why? If occupancy is under 95% (or vacancy over 5%), is there a reason? **Lower utilization is due to DRMI and ASO scheduling of classes. Also, the two-week bi-annual school intersessional breaks add to lower utilization figures.**

(3) Calculate the Average on Board (AOB) for geographic bachelors as follows:

$$\text{AOB} = \frac{(\# \text{ Geographic Bachelors} \times \text{average number of days in barracks})}{365}$$

$$\text{AOB Officer GB} = 4$$

(4) Indicate in the following chart the percentage of geographic bachelors (GB) by category of reasons for family separation. Provide comments as necessary.

Reason for Separation from Family	Number of GB	Percent of GB	Comments
Family Commitments (children in school, financial, etc.)	25	60%	Navy personnel only, does not include other services/intn'l students
Spouse Employment (non-military)	8	20%	
Other			
<b>TOTAL</b>	<b>41</b>	<b>100</b>	

(5) How many geographic bachelors do not live on base? **17** However, **19** USN and **2** non-Navy GBs currently reside in diverted Navy Family Housing designated as alternate BOQ facilities.

**On Base MWR Facilities**

13. For on-base MWR facilities<sup>1</sup> available, complete the following table for each separate location. For off-base government owned or leased recreation facilities indicate distance from base. If there are any facilities not listed, include them at the bottom of the table.

**LOCATION** Naval Postgraduate School **UIC** 62271 **DISTANCE** 2

Facility	Unit of Measure	Total	Profitable (Y,N,N/A)
Auto Hobby	Indoor Bays	0	N/A
	Outdoor Bays	0	N/A
Arts/Crafts	SF	0	N/A
Wood Hobby	SF	0	N/A
Bowling	Lanes	0	N/A
Enlisted Club	SF	2730	Y
Officer's Club	SF	50701	Y
Library	SF	0	N/A
Library	Books	0	N/A
Theater	Seats	0	N/A
ITT	SF	1994	Y
Museum/Memorial	SF	0	N/A
Pool (indoor)	Lanes	0	N/A
Pool (outdoor)	Lanes	8	N
Beach	LF	0	N/A
Swimming Ponds	Each	0	N/A
Tennis CT	Each	12	N

<sup>1</sup>Spaces designated for a particular use. A single building might contain several facilities, each of which should be listed separately.

Facility	Unit of Measure	Total	Profitable (Y,N,N/A)
Volleyball CT (outdoor)	Each	2	N
Basketball CT (outdoor)	Each	1	N
Racquetball CT	Each	3	N
Golf Course	Holes	18	Y
Driving Range	Tee Boxes	14	Y
Gymnasium	SF	13668	N
Fitness Center	SF	3200	N
Marina	Berths	8	N
Stables	Stalls	0	N/A
Softball Fld	Each	3	N
Football Fld	Each	0	N/A
Soccer Fld	Each	1	N
Youth Center	SF	4500	N

\* The Marina is located at the Coast Guard Pier, one mile from NPS.

\*\* The main NPS campus library, Dudley Knox Library, contains a collection of fiction and general level material for leisure reading, which is available for loan. It also contains a very large special collection on the history of the sea, both fiction and non-fiction, in support of campus recreation.

14. Is your library part of a regional interlibrary loan program? **The NPS Dudley Knox Library participates extensively in interlibrary loan programs supplying and obtaining approximately 1700 books and photocopies each year from regional libraries and other libraries throughout the U. S. and the world.**

15. Base Family Support Facilities and Programs

**Note: Following data is same info contained in UIC 62271 BRAC Data Call.**

a. Complete the following table on the availability of child care in a child care center on your base.

Age Category	Capacity (Children )	SF			Number on Wait List	Average Wait (Days)
		Adequate	Substandard	Inadequate		
0-6 Mos	16	X			0	
6-12 Mos	*	*			*	
12-24 Mos	20	X			0	
24-36 Mos	28	X			0	
3-5 Yrs	24	X			13	
5 Yrs #	14#	X#			0	120#

**NOTE: \*Figures for 6-12 months are consolidated with 0-6 months.  
#Before/After school care program at CDC for 5yr olds.**

b. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:  
N/A

- Facility type/code:
- What makes it inadequate?
- What use is being made of the facility?
- What is the cost to upgrade the facility to substandard?
- What other use could be made of the facility and at what cost?
- Current improvement plans and programmed funding:
- Has this facility condition resulted in C3 or C4 designation on your BASEREP?

c. If you have a waiting list, describe what programs or facilities other than those sponsored by your command are available to accommodate those on the list. **Home Care Providers**

d. How many "certified home care providers" are registered at your base? **14**

e. Are there other military child care facilities within 30 minutes of the base? State owner and capacity (i.e., 60 children, 0-5 yrs). **U. S. Army CDC facility at the Defense Language Institute. Capacity: 125, 0-5 yrs**

16. Complete the following table for services available on your base. If you have any services not listed, include them at the bottom.

**Note: Following data is same info contained in UIC 62271 BRAC Data Call.**

Service	Unit of Measure	Qty
Exchange	SF	28,663
Gas Station	SF	42,020
Auto Repair	SF	2,223
Auto Parts Store	SF	754
Commissary	SF	N/A
Mini-Mart	SF	2,804
Package Store	SF	6,811
Fast Food Restaurants	Each	N/A
Bank/Credit Union	Each	1
Family Service Center	SF	740
Laundromat	SF	N/A
Dry Cleaners	Each	1,122
ARC	PN	N/A
Chapel (2)	PN	300
FSC Classrm/Auditorium	PN	N/A
Bookstore	SF	4,360
Beauty Shop	SF	847
Barber Shops (2)	SF	600
Optical Shop	SF	221

17. Proximity of closest major metropolitan areas (provide at least three):

City	Distance (Miles)
Salinas	30
Santa Cruz	30

San Jose	50
----------	----

18. Standard Rate VHA Data for Cost of Living:

Paygrade	With Dependents	Without Dependents
E1	251.15	140.52
E2	251.15	157.94
E3	239.02	176.12
E4	266.55	186.03
E5	298.20	208.20
E6	361.48	246.07
E7	423.89	294.46
E8	385.49	291.43
E9	432.65	328.44
W1	377.03	286.34
W2	436.32	342.22
W3	466.49	379.21
W4	487.92	432.61
O1E	364.33	270.25
O2E	398.81	310.79
O3E	451.47	381.95
O1	333.48	245.73
O2	360.27	281.59
O3	365.58	307.79
O4	449.06	390.50
O5	478.14	395.41
O6	448.74	371.42
O7	382.94	311.13

19.a. Off-base housing rental and purchase

a. Fill in the following table for average rental costs in the area for the period 1 April 1993 through 31 March 1994.

Type Rental	Average Monthly Rent		Average Monthly Utilities Cost
	Annual High	Annual Low	
Efficiency	\$ 600	\$ 450	\$ 37
Apartment (1-2 Bedroom)	700	495	50
Apartment (3+ Bedroom)	1100	895	60
Single Family Home (3 Bedroom)	2000	1000	100
Single Family Home (4+ Bedroom)	2300	1100	120
Town House (2 Bedroom)	900	650	55
Town House (3+ Bedroom)	1100	890	70
Condominium (2 Bedroom)	1200	1000	60
Condominium (3+ Bedroom)	1400	1200	80

19.b. What was the rental occupancy rate in the community as of 31 March 1994?

**NOTE:** These data are not available in the format requested. the California Department of Finance and the Monterey-Salinas Association of Realtors calculate only overall (not by size or type of unit) housing vacancy rates by city, incorporated/unincorporated areas, or by county. The most current figures are from 1 January 1994, and place the local housing vacancy rate at 14.9%, up from less than 2% three years ago. This increase in vacancy rate is attributed to the closure of Fort Ord.

Type Rental	Percent Occupancy Rate
Efficiency	* see note above
Apartment (1-2 Bedroom)	
Apartment (3+ Bedroom)	
Single Family Home (3 Bedroom)	
Single Family Home (4+ Bedroom)	
Town House (2 Bedroom)	
Town House (3+ Bedroom)	
Condominium (2 Bedroom)	
Condominium (3+ Bedroom)	

(c) What are the median costs for homes in the area?

Type of Home	Median Cost
Single Family Home (3 Bedroom)	\$309,000
Single Family Home (4+ Bedroom)	425,000
Town House (2 Bedroom)	171,000
Town House (3+ Bedroom)	210,000
Condominium (2 Bedroom)	171,000
Condominium (3+ Bedroom)	210,000

19.d. For calendar year 1993, from the local MLS listings provide the number of 2, 3, and 4 bedroom homes available for purchase. Use only homes for which monthly payments would be within 90 to 110 percent of the E5 BAQ and VHA for your area.

Month	Number of Bedrooms		
	2	3	4+
January	0*	0*	0*
February	0	0	0
March	0	0	0
April	0	0	0
May	0	0	0
June	0	0	0
July	0	0	0
August	0	0	0
September	0	0	0
October	0	0	0
November	0	0	0
December	0	0	0

**NOTE: E5 with dependents BAQ & VHA = \$713.70**  
**90% = 642.33**  
**110% = 785.07**

There are no homes available for purchase on the Monterey Peninsula within the E5 BAQ and VHA specified price range. However, it should be noted that the enlisted compliment assigned to FNMOC is relatively small: 58 personnel, of which only 11 are married E5s.

(e) Describe the principle housing cost drivers in your local area.

The Monterey Peninsula has high home costs because it is a resort/tourist area. The area is consistently rated in the top 5 most expensive real estate markets in the country.

20. For the top five sea intensive ratings in the principle warfare community your base supports, provide the following:

Rating	Number Sea Billets in the Local Area	Number of Shore billets in the Local Area
AG	0	36
DS	0	8
ET	0	2
QM	0	1
SK	0	3
STG	0	2

21. Complete the following table for the average one-way commute for the five largest concentrations of military and civilian personnel living off-base.

Location	% Employees	Distance (mi)	Time(min)
Monterey	27	3.5	13
Salinas	15	20	30
Fort Ord	14	5	12
Seaside	11	2	10
Marina	10	8	15

22. Complete the tables below to indicate the civilian educational opportunities available to service members stationed at the air station (to include any outlying fields) and their dependents:

**Note: Following data is same info contained in UIC 62271 BRAC Data Call.**

22.a. List the local educational institutions which offer programs available to dependent children. Indicate the school type (e.g. DODDS, private, public, parochial, etc.), grade level (e.g. pre-school, primary, secondary, etc.), what students with special needs the institution is equipped to handle, cost of enrollment, and for high schools only, the average SAT score of the class that graduated in 1993, and the number of students in that class who enrolled in college in the fall of 1994.

Institution	Type	Grade Level(s)	Special Education Available	Annual Enrollment Cost per Student	1993 Avg SAT/A CT Score	% HS Grad to Higher Educ	Source of Info
Carmel USD	public	K-12	yes	5677	957	85%	CUSD
Mtry Pen USD	public	K-12	yes	4240	980	80%	MPUSD
Pacific Grove USD	public	K-12	yes	2493	976	INA	PGUSD
RLS Carmel	private	P-12	no	6700 - 20250	WND	100%	RLSS
San Carlos	parochial	P-8	no	2365	INA	INA	SCS
Santa Catalina	private	P-12	no	4000-18000	1095	99%	SCS
The York School	private	8-12	no	10175	SAT 1200	100%	TYS
All Saints Episcopal	private	P-8	no	6400-8450	INA	INA	ASE
Monterey Bay Christian	private	K-7	no	2500-3960	INA	INA	MBCS
Peninsula Adventist	parochial	1-8	no	1700-2200	INA	INA	PAS
Salinas UHSD	public	7-12	yes	5300	INA	INA	SUHSD
Monterey Peninsula Christian	private	K	no	4576	INA	INA	MPCS
Marina Christian	private	K	no	3900	INA	INA	MCS
Little Ones Preschool	private	P-K	no	4080	INA	INA	LOP
Kinder Haus	private	P-K	no	4800	INA	INA	KH
Possibility House	private	K	yes	4140	INA	INA	PHS

St. Angela's	parochial	P-8	no	4980	INA	INA	STAS
Salvation Army	non-profit	P-8	yes	income based	INA	INA	SA
Bayview Children's Center	private	P-K	some	4440	INA	INA	BCC
Deseret Montessori	private	P-K	no	4440	INA	INA	DMS
One World	private	7-14 yrs/ 8th	yes	INA	INA	INA	OWS

22.b. List the educational institutions within 30 miles which offer programs off-base available to service members and their adult dependents. Indicate the extent of their programs by placing a "Yes" or "No" in all boxes as applies.

Institution	Type Classes	Program Type(s)				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
Monterey Peninsula College	Day Y	N	Y	N	Y	N
	Night Y					
Chapman College	Day N	N	Y	N	Y	Y
	Night Y					
Central Coast College	Day Y	N	Y	N	Y	N
	Night Y					
Heald Business College	Day Y	N	Y	N	Y	N
	Night Y					
Shoreline Goodwill	Day Y	N	Y	N	N	N
	Night N					
Golden Gate University	Day N	Y	N	N	Y	Y
	Night Y					
Hartnell College	Day Y	N	Y	Y	Y	N
	Night Y					
Monterey College of Law	Day N	N	N	N	Y	Y
	Night Y					
Monterey Inst of Int'l Studies	Day Y	N	N	Y	Y	Y
	Night N					
U.C. Santa Cruz	Day Y	N	N	Y	Y	Y
	Night Y					

San Jose State Monterey Campus	Day Y	N	N	Y	Y	Y
	Night Y					
Chartwell School	Day Y	N	Y	N	N	N
	Night N					
Regional Occupat. Prog.	Day Y	Y	Y	N	N	N
	Night Y					

22.c. List the educational institutions which offer programs on-base available to service members and their adult dependents. Indicate the extent of their programs by placing a "Yes" or "No" in all boxes as applies.

**NOTE: With the closure of Fort Ord, there are no longer any on-base educational programs offered from non-Naval Postgraduate School educational institutions.**

Institution	Type Classes	Program Type(s)				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
	Day					
	Night					
	Correspondence					
	Day					
	Night					
	Correspondence					
	Day					
	Night					
	Correspondence					
	Day					
	Night					
	Correspondence					

23. Spousal Employment Opportunities

**Note: Following data is same info contained in UIC 62271 BRAC Data Call.**

Provide the following data on spousal employment opportunities.

Skill Level	Number of Military Spouses Serviced by Family Service Center Spouse Employment Assistance			Local Community Unemployment Rate
	1991	1992	1993	
Professional	86	91	88	*
Manufacturing	0	0	0	*
Clerical	22	16	7	*
Service	0	0	0	*
Other				

\* Note: The local community does not break down unemployment figures by skill level. Overall annual Monterey County unemployment figures:

1991 - 10.9%

1992 - 12.2%

1993 - 12.3%

24. Do your active duty personnel have any difficulty with access to medical or dental care, in either the military or civilian health care system? Develop the why of your response.

The medical care delivery system in Monterey for active duty personnel is somewhat unique. There are approximately 5000 active duty personnel in this region, with the nearest local military hospital in Oakland. Additionally, responsibility for providing medical care to all active duty personnel belongs to the Army. Medical care is delivered out of the Presidio of Monterey (POM) Army Health Clinic which is located approximately four miles away from FNMOC. It is staffed primarily with family practice physicians whose main responsibility is for the health care of active duty populations defined by Social Security Number. Civilian physicians have been contracted to provide services for specific high-volume specialty care. Contracts have also been made with local low-volume medical specialties and ancillary services. Access to care after normal working hours, weekends, and holidays is accomplished by calling the POM clinic and speaking to a military physician who determines whether to see the patient that night, refer to the local hospital's emergency room or have the patient be seen the next day. For medical care beyond the scope of the POM, clinic referrals are made to Oakland Naval Hospital. When necessary medical care is purchased from the local economy, Navy medicine pays the bills. NPS has designated a liaison to work with the Army Commander of the California Medical Detachment, Senior Medical Officer of the POM clinic and the OIC of the Naval medical Administrative Unit to ensure maximum cooperation of services.

**Dental care for active duty continues to be provided at NPS by the Branch Dental Clinic. For further information refer to BRAC data call for Naval Dental Center, San Francisco. UIC: 68409**

**25. Do your military dependents have any difficulty with access to medical or dental care, in either the military or civilian health care system? Develop the why of your response.**

**With the closure of Fort Ord's Silas B. Hays Army Community hospital, medical care for family members and retirees younger than 65 years of age and their family members is obtained through one of the TRICARE options, or on a space available basis at the POM clinic. In the Prime program the number and location of primary care and specialties in Aetna's network meet or exceed all the contractual requirements of the managed care contract. The majority of transition problems associated with moving from one contractor to another and with the closure of the Fort Ord Army hospital have been resolved or have been identified and appropriate action is in progress. Customer satisfaction data are being gathered through local military and civilian initiatives in addition to that provided in the Health Affairs "Health Beneficiary" surveys. Through the efforts of a nonprofit corporation called Monterey Regional Health Development Group significant coordination with local civilian leaders has facilitated the Monterey region's health care providers and DoD beneficiaries in their transition to a managed care model. Well established lines of communication have been developed with representatives of Aetna and NPS to identify and resolve any issues that could hinder access or quality of care to beneficiaries in the Monterey region.**

**Access to dental care is provided through the Delta Dental Program. There has been no indication of any problems regarding access, cost, or quality.**

26. Complete the table below to indicate the crime rate for your station for the last three fiscal years. The source for case category definitions to be used in responding to this question are found in NCIS - Manual dated 23 February 1989, at Appendix A, entitled "Case Category Definitions." Note: the crimes reported in this table should include 1) all reported criminal activity which occurred on base regardless of whether the subject or the victim of that activity was assigned to or worked at the base; and 2) all reported criminal activity off base.

**NOTE: Following data is same info contained in UIC 62271 BRAC Data Call.**

Crime Definitions	FY 1991	FY 1992	FY 1993
1. Arson (6A)			
Base Personnel - military	0	5	2
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	1	1	0
2. Blackmarket (6C)			
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
3. Counterfeiting (6G)			
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	1
4. Postal (6L)			
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0

Crime Definitions	FY 1991	FY 1992	FY 1993
5. Customs (6M)			
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
6. Burglary (6N)			
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	1	18	4
7. Larceny - Ordnance (6R)			
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
8. Larceny - Government (6S)			
Base Personnel - military	0	0	3
Base Personnel - civilian	0	0	5
Off Base Personnel - military	0	0	1
Off Base Personnel - civilian	8	39	12

Crime Definitions	FY 1991	FY 1992	FY 1993
9. Larceny - Personal (6T)			
Base Personnel - military	0	0	1
Base Personnel - civilian	0	0	1
Off Base Personnel - military	0	0	2
Off Base Personnel - civilian	6	74	27
10. Wrongful Destruction (6U)			
Base Personnel - military	0	17	0
Base Personnel - civilian	0	6	1
Off Base Personnel - military	0	1	0
Off Base Personnel - civilian	8	28	25
11. Larceny - Vehicle (6V)			
Base Personnel - military	0	1	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	3	0
12. Bomb Threat (7B)			
Base Personnel - military	2	4	0
Base Personnel - civilian	0	0	2
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	6	0

Crime Definitions	FY 1991	FY 1992	FY 1993
13. Extortion (7E)			
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
14. Assault (7G)			
Base Personnel - military	0	5	2
Base Personnel - civilian	0	2	1
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	1	1
15. Death (7H)			
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
16. Kidnapping (7K)			
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0

Crime Definitions	FY 1991	FY 1992	FY 1993
18. Narcotics (7N)			
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	1	1
19. Perjury (7P)			
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
20. Robbery (7R)			
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	4	0
21. Traffic Accident (7T)			
Base Personnel - military	8	17	11
Base Personnel - civilian	1	8	7
Off Base Personnel - military	0	1	2
Off Base Personnel - civilian	0	3	3

Crime Definitions	FY 1991	FY 1992	FY 1993
22. Sex Abuse - Child (8B)			
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
23. Indecent Assault (8D)			
Base Personnel - military	0	1	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
24. Rape (8F)			
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	1	0
25. Sodomy (8G)			
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0

FLEET NUMERICAL METEOROLOGY AND OCEANOGRAPHY CENTER  
UIC 63134

ADNET - Anti-Drug Network  
ADP - Automated Data Processing  
AFGWC - Air Force Global Weather Central  
AICS - AUTODIN Integrated Communications System  
ASO - Aviation Safety Office  
AUTODIN - Automatic (Automated) Digital (Information) Network  
AWN - Automated Weather Network  
BEQ - Bachelor Enlisted Quarters  
BOQ - Bachelor Officer Quarters  
BRAC - Base Re-Alignment and Closure  
BRACON - Base Re-Alignment Construction  
CCN - Category Code Number  
CDC - Child Development Center  
CEEMS - Contribution of Environmental Effects on Missile Systems  
CENTCOM - Central Command  
CIVSUB - Civilian Substitution  
COMEDS - CONUS Meteorological (Environmental) Data System  
COMNAVMETOCOM - Commander, Naval Meteorology and Oceanography Command  
COMP OP - Component 15 Operator  
COPC - Committee on Operational Processing Centers  
CPV - Current Plant Value  
CTF12 Pearl Harbor - Commander Task Force 12  
DDN - Defense Data Network  
DET - Detachment  
DISA - Defense Information Services Agency  
DMSP - Defense Meteorological Satellite Program (DOD)  
DoD - Department of Defense  
DPS - Distributed Processing System  
DPSR - DPS Replacement  
DREN - Defense Research Engineering Network  
DRMI - Defense Resource Management Institute  
DSN - Defense Switched Network  
DSNET - Defense Information Secure Network  
FDDI - Fiber Distributed Data interface  
FLENUMMETOCEN - Fleet Numerical Meteorology & Oceanography Center  
FNMOC - Fleet Numerical Meteorology & Oceanography Center  
FORSCOM - Forces Command  
IMDES - Interagency Meteorology Data Exchange System  
ISSA - Inter-Service Support Agreement  
JCS - Joint Chiefs of Staff  
JTF - Joint Task Force  
JTWC - Joint Typhoon Warning Center (Guam)  
JVIDS - Joint Visual Integrated Display System  
LAN - Local Area Network  
MCSST - Multi-Channel Sea Surface Temperature  
METOC - Meteorology/Oceanography  
METOCEN - Meteorology and Oceanography Center  
MILCON - Military Construction  
MILNET - Military Network  
MLS - Multi-Level System  
MRP - Maintenance of Real Property  
NATO - North Atlantic Treaty Organization  
NAVAF - Navy/Air Force  
NAVICE - Naval Ice Center  
NAVLANTMETOCEN - Naval Atlantic Meteorology and Oceanography Center  
NAVMETOCOM - Naval Meteorology and Oceanography Command  
NAVO - Naval Oceanographic Office (NAVOCEANO)  
NAVOBSY - Naval Observatory  
NAVOCEANO - Naval Oceanographic Office  
NAVPACMETOCEN - Naval Pacific Meteorology and Oceanography Center  
NCIS - Naval Criminal Investigative Service  
NEMOC - Naval European Meteorology and Oceanography Center  
NESDIS - National Environmental Satellite Data Information Service  
NIC - Network Information Center  
NLMOC - Naval Atlantic Meteorology and Oceanography Center  
NMC - National Meteorological Center  
NMJIC - National Military Joint Intelligence Center  
NMORA - Naval Meteorology and Oceanography Reserve Activity

NOAA - National Oceanic and Atmospheric Administration  
NODDS - Navy Oceanographic Data Distribution System  
Navy/NOAA Oceanographic Data Distribution System  
NODDSFAX - NODDS Facsimile  
NPMOC - Naval Pacific Meteorology and Oceanography Center  
NPS - Naval Postgraduate School  
NRL - Naval Research Laboratory  
NSDS - Naval Satellite Display Station  
NSDS-G - NSDS\Geostationary Receiver Upgrade  
NTS - Naval Telecommunication System  
NWP - Naval Weapons Publication  
NWS - National Weather Service  
NWSTG - NWS Telecommunications Gateway  
OAB - Ocean Application Branch  
OFCM - Office of the Federal Coordinator for Meteorology  
OIC - Officer in Charge  
ONR - Office of Naval Research  
OPARS - Optimum Path Aircraft Routing System  
PACOM - Pacific Command  
PDN - Public Data Network  
PEPS - Primary Environmental Prediction System  
PEPSU - PEPS Upgrade  
POM - Presidio of Monterey  
POPS - Primary Oceanographic Prediction System  
RSPO - Route Services Petty Officer  
SPN - Shared Processing Network  
SPCU - Satellite Processing Center Upgrade  
SPP - Shared Processing Program  
SSM/I - Special Sensor - Microwave/Imager  
TESS - Tactical Environmental Support System  
TRANSCOM - Transportation Command  
USCG - U.S. Coast Guard  
USCGPAC - U.S. Coast Guard Pacific

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 8 December 1993

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

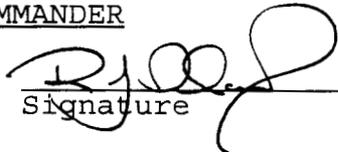
The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certification and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

CAPT R. J. PLANTE  
NAME (Please type or print)

  
Signature

Commanding Officer  
Title

30 June 1994  
Date

Fleet Numerical Meteorology and Oceanography Center, Monterey CA  
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

\_\_\_\_\_  
NAME (Please type or print

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

\_\_\_\_\_  
NAME (Please type of print

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Activity

In certify that the information herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

J.E. CHUBB  
\_\_\_\_\_  
NAME (Please type or print

  
\_\_\_\_\_  
Signature

Commander  
\_\_\_\_\_  
Title

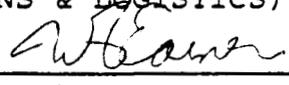
5 Jul 94  
\_\_\_\_\_  
Date

Naval Meteorology and Oceanography Command  
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)  
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

W. A. EARNER  
\_\_\_\_\_  
NAME (Please type of print

  
\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

7/18/94  
\_\_\_\_\_  
Date

BRAC-95 CERTIFICATION

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

LCDR J. F. O'HARA  
NAME (Please type or print)

  
Signature

Management Department Head  
Title

30 June 1994  
Date

20  
Division

Management  
Department

Fleet Numerical Meteorology and Oceanography Center, Monterey CA  
Activity

22 July 1994

MEMORANDUM FOR THE RECORD <sup>CD</sup>

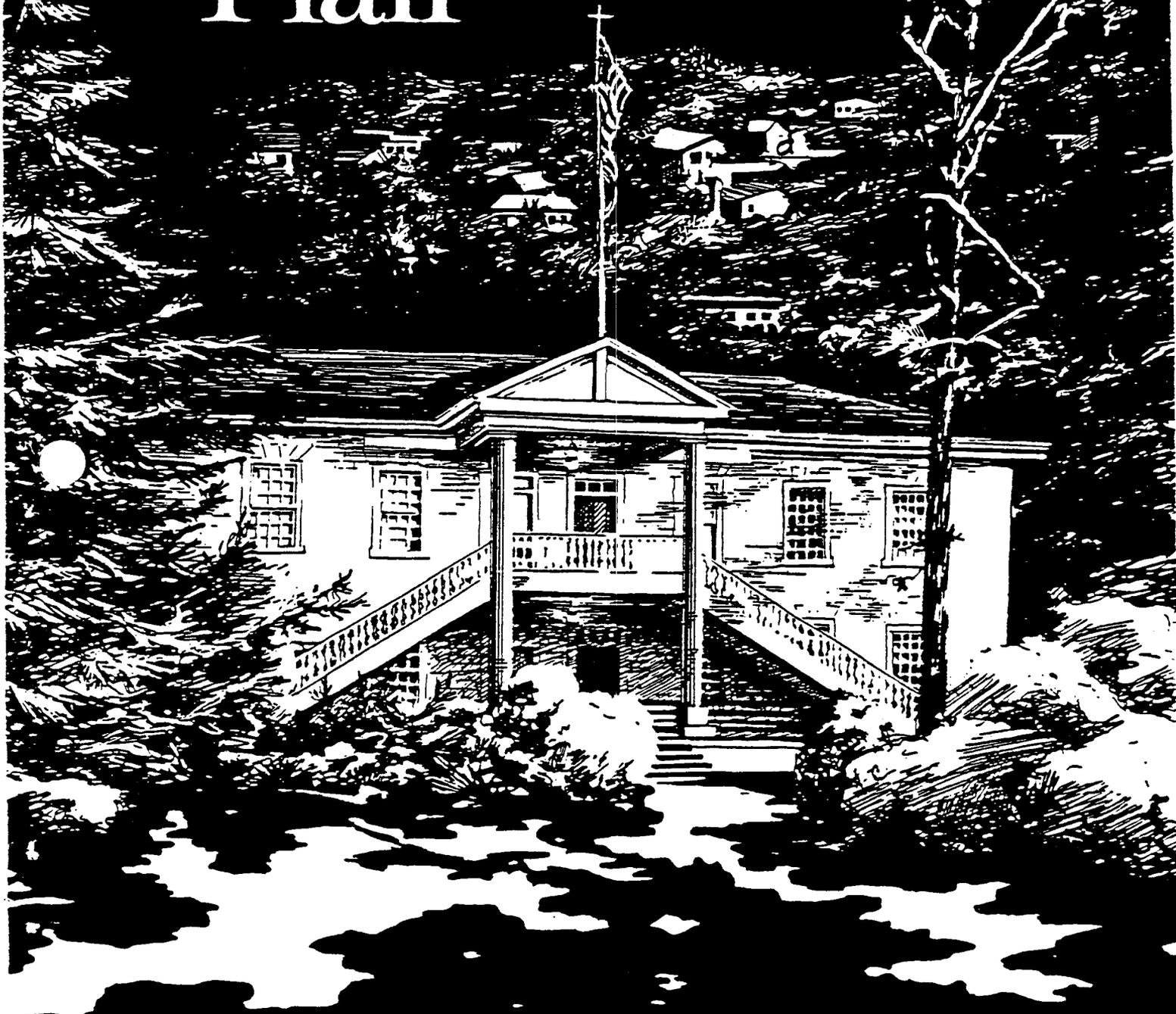
Re: Data Call 51 Military Value for Naval Meteorology and  
Oceanography Centers

Activity: Fleet Numerical Meteorology and Oceanography Center,  
Monerey, CA

UIC: 63134

In response to a question in the Military Value Data Call, this activity forwarded a copy of the City of Monterey's General Plan which was adopted by the City Council of October 5, 1993. After a review of this plan, it has been determined that the only section that relates to the question in the Data Call is Section I - Land Use. This section was maintained in the Base Structure Data Base and the remainder of the Plan was discarded.

# General Plan



City of Monterey

## city council

### a. During Preparation Phase of General Plan

Gerald Fry — Mayor

Daniel Albert  
Alvin Andrus

Richard Hughett  
Clyde Roberson

### b. During Approval Phase of General Plan

Clyde Roberson — Mayor

Daniel Albert  
Theresa Ann Canepa

Richard Hughett  
Ruth Vreeland

## city manager

John Dunn

## planning commission

### a. During Preparation Phase of General Plan

Kip Hudson -- Chairman

Phil Anastasia  
Boris Jacobowsky  
Robert Kelly

George Kodama  
Ron Pasquinelli  
Ken Wyatt

### b. During Approval Phase of General Plan

Boris Jacobowsky — Chairman

Phil Anastasia  
David Cunningham  
Kip Hudson  
Sam Karas

Robert Kelly  
George Kodama  
Mary Kracht  
Carl Outzen

## community development department

Richard Garrod — Community Development Director

Advance Planning

Current Planning

Graphics  
Editing  
Typing

Bill Fell●  
(Project Manager) Butch Cope●  
Haywood Norton  
Dave Valeska●  
Frank Donangelo  
Tom Sibbald  
Linda Lamme●  
(Consultant) Robert Neubert  
Louisa Sorensen●  
Shana Welle●

● staff for this General Plan

continued:

Page

**E. Public Facilities**

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2. Goals	E-2
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e. Schools	E-10
f. Military	E-11
g. Cultural	E-11
h. Health Care	E-11
i. Civic Center	E-11
j. Harbor	E-12
k. Sewage Treatment	E-12

**F. Economic**

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**G. Social**

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6. Land Use Plan	I-8

**IV. ENVIRONMENTAL IMPACT REPORT (Separate Document)**

**V. BIBLIOGRAPHY**

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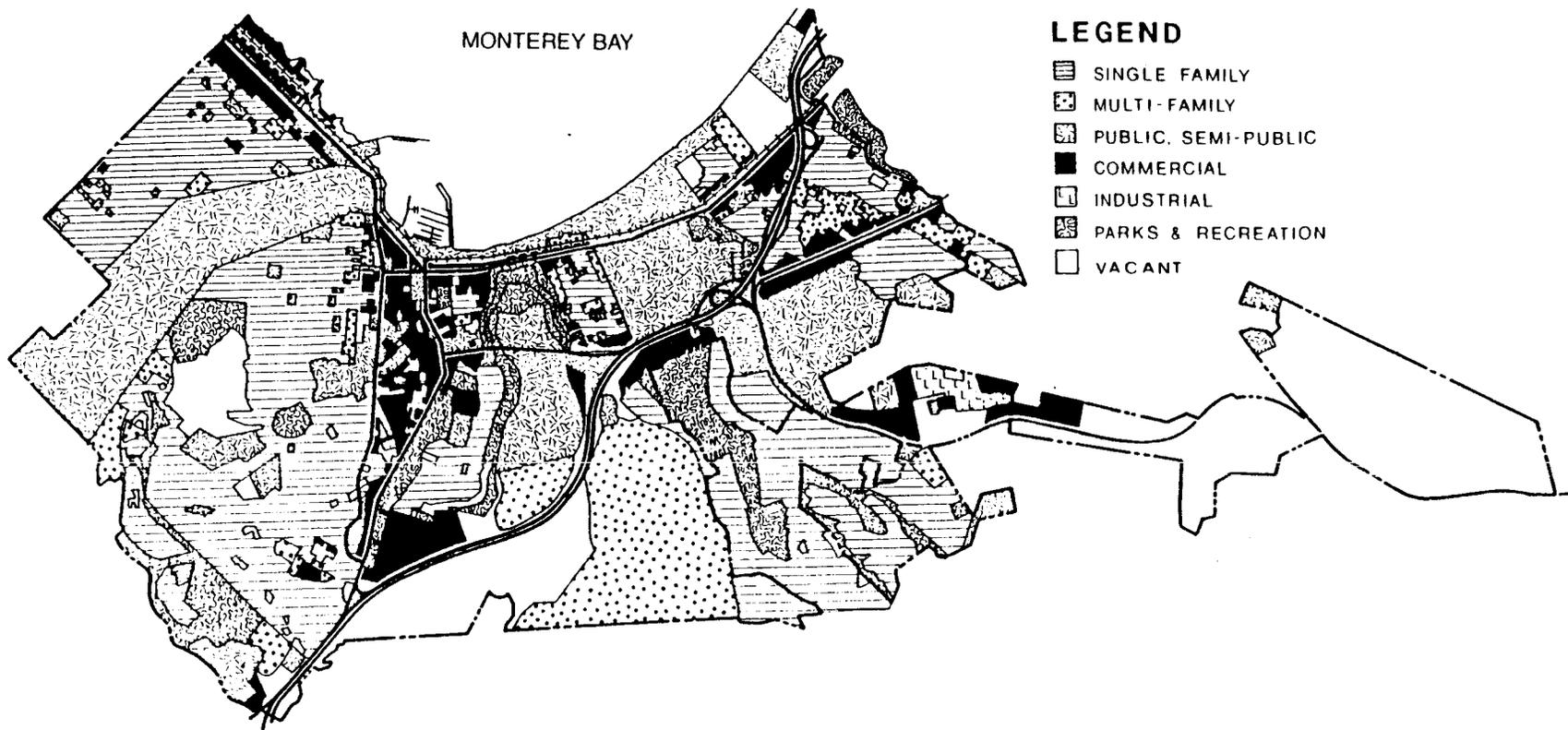
Land Use

# 1.

## INTRODUCTION

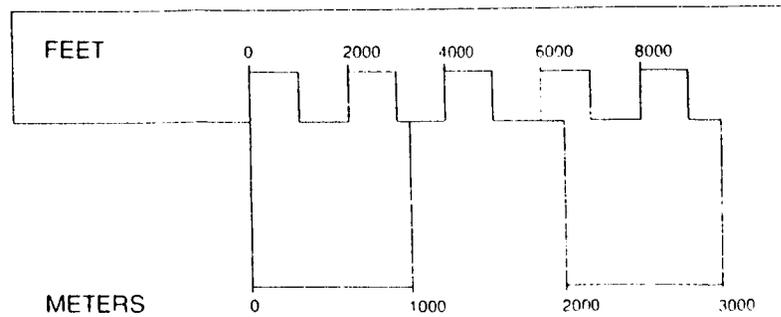
This Land Use Element is primarily a summary of the land use implications of the goals, policies and programs in the other elements of the Monterey General Plan.

The main part of this Land Use Element is the Land Use Plan. This plan attempts to illustrate on a map of the city the land use implications of the recommendations in this and other elements of the General Plan. Because the Land Use Plan is a map, it cannot address urban design issues such as the height of buildings and general aesthetics. It also cannot address many social, economic, and public facilities issues. The policies and programs dealing with these important issues are found in the other elements of the General Plan.



**LEGEND**

- SINGLE FAMILY
- MULTI-FAMILY
- PUBLIC. SEMI-PUBLIC
- COMMERCIAL
- INDUSTRIAL
- PARKS & RECREATION
- VACANT



Existing Land Use Map

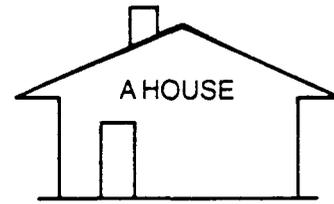
CITY OF  
MONTEREY  
CALIFORNIA  
  
COMMUNITY  
DEVELOPMENT  
DEPARTMENT

MAP NO 18

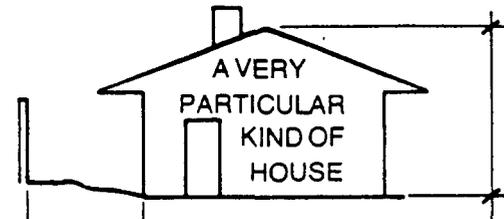
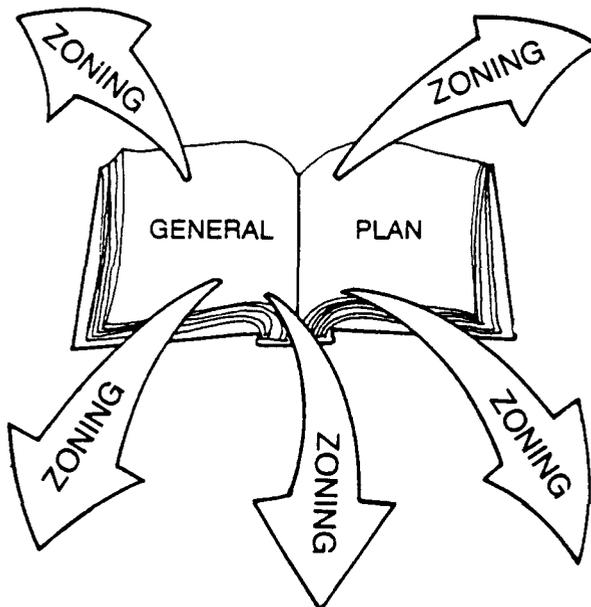
# 3.

## LAND USE AND ZONING

There is a basic difference between the terms "land use" and "zoning". Land use simply defines how land is presently being used or proposed to be used. If a piece of land is described as having a residential land use, this means a residential building is occupying that parcel of land. Zoning is a legal and technical concept that was created in the early part of this century to help local government control and regulate the uses of land. A zoning district regulates the use of the land, the height and use of buildings, and other standards and regulations on how the land can be used.



LAND USE



ZONING

In 1970, the city was well on its way to adopting another major updating of the Master Plan. This effort was tabled, however, when the city had to switch its planning priorities and begin work on a Cannery Row area plan because development pressure began to mount in that area.

Until 1971, city general plans were regarded as advisory documents only. In the late 1960s and early 1970s there was a change in the philosophy and law regarding the role of the general plan in local decision making. In 1971, the California Legislature passed a law requiring zoning ordinances and subdivision approvals to be consistent with adopted general plans. This changed the nature of general plans from advisory to legally binding documents. The general plan now has priority over zoning in land use decisions. When a city adopts a new general plan, it must revise its zoning, if necessary, to make it consistent with the general plan.

A proposed private or public project must be found consistent with the recommendations of the general plan before it can be approved by the city. Consistency with the general plan under state law means that a proposed project must conform or agree with the goals, policies, objectives, land uses, and programs specified in the general plan.

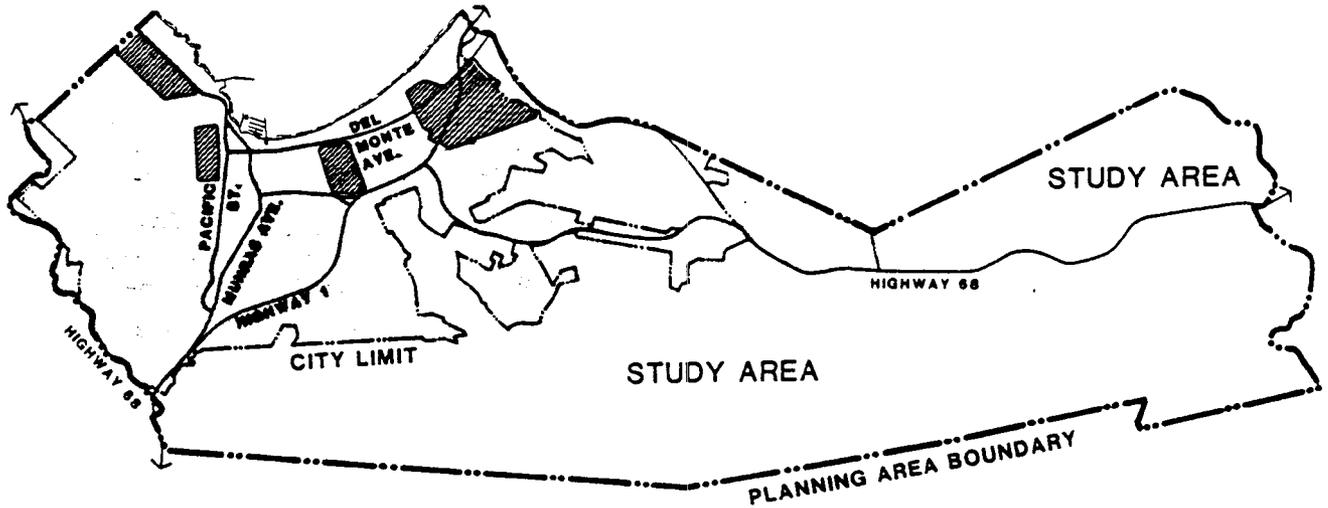
# 4.

## ZONING AND THE GENERAL PLAN

Confusion still exists in many minds as to the difference between a city general plan (or master plan) and zoning. Much of this confusion has arisen out of the fact that many cities adopted zoning ordinances before completing long-range plans for future development. Ideally, a city should complete its general plan and then adopt a zoning ordinance to implement its recommendations. The City of Monterey followed this ideal procedure. Monterey adopted its first major Zoning Ordinance in 1940, one year after approving its first long-range Master Plan. The next major Master Plan revision was in 1959. The Zoning Ordinance was also revised shortly thereafter.

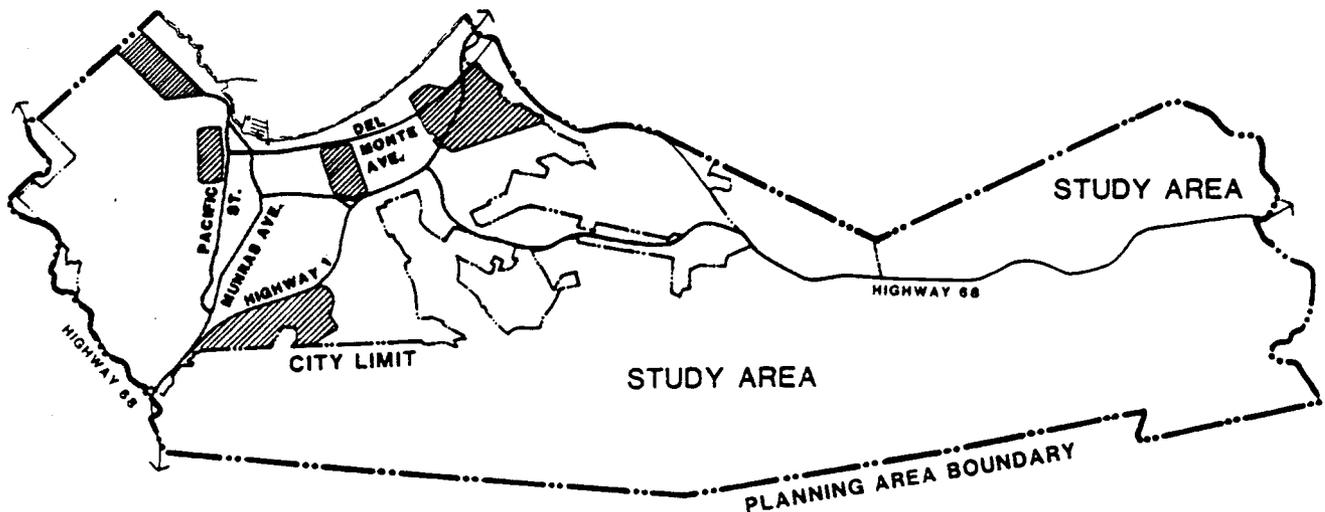
## Alternative 2-Infill and Conversion to Zoning (33,900 PEOPLE)

	INFILL EXISTING CITY VACANT PARCELS =	31,600 PEOPLE
	CONVERSION OF OLDER SINGLE-FAMILY DWELLINGS TO MULTIPLE-FAMILY WHERE ALLOWED BY ZONING ADDITIONAL 1,000 DWELLINGS	<u>2,300 PEOPLE</u>
		33,900



## Alternative 3-Infill and Double Zoning Density (41,600 PEOPLE)

	INFILL EXISTING CITY VACANT PARCELS =	31,600 PEOPLE
	DOUBLE ALLOWED RESIDENTIAL ZONING DENSITY IN APPROPRIATE AREAS ADDITIONAL 4,400 DWELLINGS =	<u>10,000 PEOPLE</u>
	HIGHWAY 68—STUDY AREA	41,600





PARKS, RECREATION, AND OPEN SPACE



INDUSTRIAL



COMMERCIAL

2. **Public/Semi-Public.** This category applies to all publicly owned facilities and those private facilities operated to serve the general public except for parks and recreation facilities, which are a separate category. Included in this category are: public and private schools, military facilities, the airport, cemetery, large public parking facilities, hospitals and museums.
3. **Parks, Recreation, and Open Space.** This category applies to all parks and recreation facilities such as neighborhood, community and county parks; community center; and greenbelt and other open space areas.
4. **Industrial.** This category applies to existing and future industrial areas in the city. There are four areas in this category in the Land Use Plan. These are: the Garden Road industrial park (zoned industrial but developed primarily with commercial offices), the area along the north side of Highway 68 and south of the airport, the city's proposed industrial park adjacent to its corporation yard off of Highway 218, and the proposed private 235-acre Ryan Ranch industrial park at the intersection of highways 68 and 218.
5. **Commercial.** This category applies to all types of commercial areas: strip commercial such as along Fremont Street, shopping centers such as Del Monte Center, visitor commercial areas such as on Cannery Row, and business and professional office areas such as the Eldorado-Cass Street area.

## C. Determining Zoning Consistency

The Land Use Plan in this element is consistent with the city's current Zoning Ordinance and adopted area plans. Since the purpose of the Land Use Plan is to give a city-wide overview of land use recommendations, it is more general in detail than the Zoning Ordinance and area plans. The Land Use Plan, for example, has one commercial category, whereas the Zoning Map has six commercial categories.

The level of detail in land use recommendations varies from the very general to the very specific in the following documents: General Plan Land Use Plan (very general); Area Plans (area specific); and Zoning Map (parcel and lot specific).

Because the Land Use Plan is very general, it is not meant to be used to determine the recommended land use for each lot or parcel of land in the city. It is meant to give general recommendations on land uses for neighborhoods or areas of the city and how these areas interrelate.

The city's area plans should be used to determine the recommended land use for a specific piece of property. For areas where the city doesn't have an adopted area plan, the zoning must be used in determining the allowed land use on a piece of property. Both the zoning and area plan designations, however, must be compared with the General Plan Land Use Plan to be sure they are still consistent.

## d. Land Use Policies

The major land use policies indicated by the Land Use Plan are as follows:

1. The conversion to higher density of areas developed with single-family homes but zoned for multiple-family dwellings is permitted where consistent with other policies of the General Plan, adopted neighborhoods plans and the ability of the city to provide adequate public services and utilities. These general plans are:
  - a. upper New Monterey east of David Avenue and west of Irving Ave.
  - b. lower New Monterey between Hawthorne and Spencer streets
  - c. Old Town between Van Buren and Clay streets
  - d. most of Oak Grove
  - e. Del Monte Grove, east of Casa Verde Way

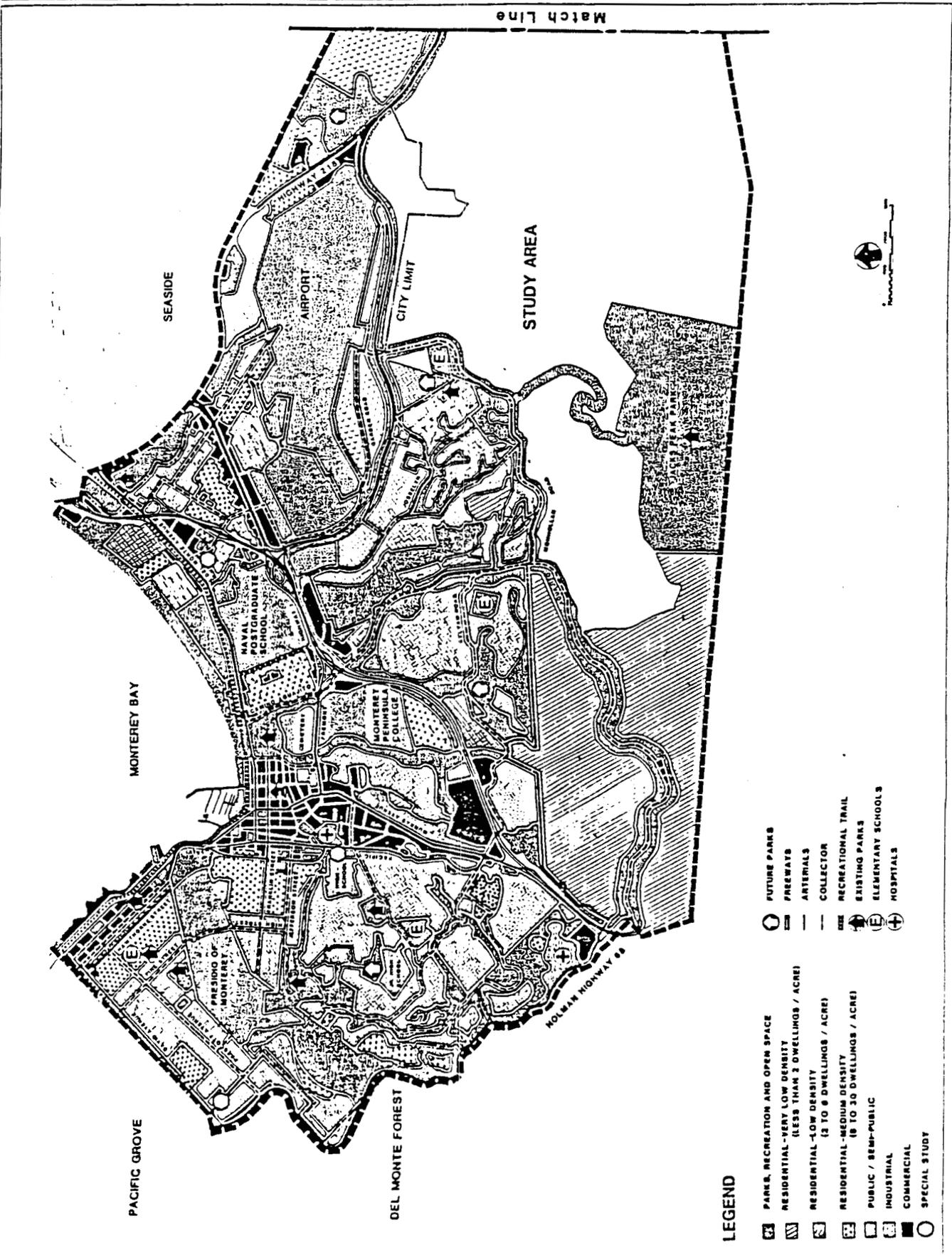
Further conversion from single-family to multiple-family development in New Monterey should be evaluated within the context of the very narrow, low-volume traffic capacity streets.

Further multiple family or cluster residential development not in the above category and on presently vacant land is recommended in the following areas:

# Land Use Plan

CITY OF  
MONTEREY  
CALIFORNIA  
COMMUNITY  
DEVELOPMENT  
DEPARTMENT

MAP  
NO. 19a



## LEGEND

- PARKS, RECREATION AND OPEN SPACE
- RESIDENTIAL - VERY LOW DENSITY (LESS THAN 2 DWELLINGS / ACRE)
- RESIDENTIAL - LOW DENSITY (2 TO 6 DWELLINGS / ACRE)
- RESIDENTIAL - MEDIUM DENSITY (6 TO 30 DWELLINGS / ACRE)
- PUBLIC / SEMI-PUBLIC
- INDUSTRIAL
- COMMERCIAL
- SPECIAL STUDY
- FUTURE PARKS
- FREEWAYS
- ARTERIALS
- COLLECTOR
- RECREATIONAL TRAIL
- EXISTING PARKS
- ELEMENTARY SCHOOLS
- HOSPITALS

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**DATA CALL 66  
INSTALLATION RESOURCES**

**Activity Information:**

Activity Name:	FLENUMMETOCEN
UIC:	N63134
Host Activity Name (if response is for a tenant activity):	NPGS MONTEREY CA
Host Activity UIC:	N62271

**General Instructions/Background.** A separate response to this data call must be completed for each Department of the Navy (DON) host, independent and tenant activity which separately budgets BOS costs (regardless of appropriation), and, is located in the United States, its territories or possessions.

**1. Base Operating Support (BOS) Cost Data.** Data is required which captures the total annual cost of operating and maintaining Department of the Navy (DON) shore installations. Information must reflect FY 1996 budget data supporting the FY 1996 NAVCOMPT Budget Submit. Two tables are provided. Table 1A identifies "Other than DBOF Overhead" BOS costs and Table 1B identifies "DBOF Overhead" BOS costs. These tables must be completed, as appropriate, for all DON host, independent or tenant activities which separately budget BOS costs (regardless of appropriation), and, are located in the United States, its territories or possessions. Responses for DBOF activities may need to include both Table 1A and 1B to ensure that all BOS costs, including those incurred by the activity in support of tenants, are identified. If both table 1A and 1B are submitted for a single DON activity, please ensure that no data is double counted (that is, included on both Table 1A and 1B). The following tables are designed to collect all BOS costs currently budgeted, regardless of appropriation, e.g., Operations and Maintenance, Research and Development, Military Personnel, etc. Data must reflect FY 1996 and should be reported in thousands of dollars.

**a. Table 1A - Base Operating Support Costs (Other Than DBOF Overhead).** This Table should be completed to identify "Other Than DBOF Overhead" Costs. Display, in the format shown on the table, the O&M, R&D and MPN resources currently budgeted for BOS services. O&M cost data must be consistent with data provided on the BS-1 exhibit. Report only direct funding for the activity. Host activities should not include reimbursable support provided to tenants, since tenants will be separately reporting these costs. Military personnel costs should be included on the appropriate lines of the table. Please ensure that individual lines of the table do not include duplicate costs. Add additional lines to the table (following line 2j., as necessary, to identify any additional cost elements not currently shown). **Leave shaded areas of table blank.**

**DATA CALL 66  
INSTALLATION RESOURCES**

<b>Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)</b>			
<b>Activity Name: FLENUMMETOCCEN</b>		<b>UIC: N63134</b>	
Category	FY 1996 BOS Costs (\$000)		
	Non-Labor	Labor	Total
<b>1. Real Property Maintenance Costs:</b>			
1a. Maintenance and Repair	507	0	507
1b. Minor Construction	0	0	0
<b>1c. Sub-total 1a. and 1b.</b>	<b>507</b>	<b>0</b>	<b>507</b>
<b>2. Other Base Operating Support Costs:</b>			
2a. Utilities	1372	0	1372
2b. Transportation	2	0	2
2c. Environmental	0	0	0
2d. Facility Leases	0	0	0
2e. Morale, Welfare & Recreation	0	0	0
2f. Bachelor Quarters	0	0	0
2g. Child Care Centers	0	0	0
2h. Family Service Centers	0	0	0
2i. Administration	770	236	1006
2j. Other (Specify) <b>Retail Supply</b>	0	147	147
<b>Other Base Support</b>	76	26	102
<b>2k. Sub-total 2a. through 2j:</b>	<b>2220</b>	<b>409</b>	<b>2629</b>
<b>3. Grand Total (sum of 1c. and 2k.):</b>	<b>2727</b>	<b>409</b>	<b>3136</b>

**DATA CALL 66  
INSTALLATION RESOURCES**

**b. Funding Source.** If data shown on Table 1A reflects more than one appropriation, then please provide a break out of the total shown for the "3. Grand-Total" line, by appropriation:

<u>Appropriation</u>	<u>Amount (\$000)</u>
O&M,N	3,061
MP,N	75

**c. Table 1B - Base Operating Support Costs (DBOF Overhead).** This Table should be submitted for all current DBOF activities. Costs reported should reflect BOS costs supporting the DBOF activity itself (usually included in the G&A cost of the activity). For DBOF activities which are tenants on another installation, total cost of BOS incurred by the tenant activity for itself should be shown on this table. It is recognized that differences exist among DBOF activity groups regarding the costing of base operating support: some groups reflect all such costs only in general and administrative (G&A), while others spread them between G&A and production overhead. Regardless of the costing process, all such costs should be included on Table 1B. The Minor Construction portion of the FY 1996 capital budget should be included on the appropriate line. Military personnel costs (at civilian equivalency rates) should also be included on the appropriate lines of the table. Please ensure that individual lines of the table do not include duplicate costs. Also ensure that there is no duplication between data provided on Table 1A. and 1B. These two tables must be mutually exclusive, since in those cases where both tables are submitted for an activity, the two tables will be added together to estimate total BOS costs at the activity. Add additional lines to the table (following line 2l., as necessary, to identify any additional cost elements not currently shown). **Leave shaded areas of table blank.**

Other Notes: All costs of operating the five Major Range Test Facility Bases at DBOF activities (even if direct RDT&E funded) should be included on Table 1B. Weapon Stations should include underutilized plant capacity costs as a DBOF overhead "BOS expense" on Table 1B..

**DATA CALL 66  
INSTALLATION RESOURCES**

<b>Table 1B - Base Operating Support Costs (DBOF Overhead)</b>			
<b>Activity Name: FLENUMMETOCCEN (NON-DBOF ACTIVITY)</b>		<b>UIC: N63134</b>	
Category	FY 1996 Net Cost From UC/FUND-4 (\$000)		
	Non-Labor	Labor	Total
<b>1. Real Property Maintenance Costs:</b>			
1a. Real Property Maintenance (> \$15K)	N/A	N/A	N/A
1b. Real Property Maintenance (< \$15K)	N/A	N/A	N/A
1c. Minor Construction (Expensed)	N/A	N/A	N/A
1d. Minor Construction (Capital Budget)	N/A	N/A	N/A
<b>1c. Sub-total 1a. through 1d.</b>	N/A	N/A	N/A
<b>2. Other Base Operating Support Costs:</b>			
2a. Command Office	N/A	N/A	N/A
2b. ADP Support	N/A	N/A	N/A
2c. Equipment Maintenance	N/A	N/A	N/A
2d. Civilian Personnel Services	N/A	N/A	N/A
2e. Accounting/Finance	N/A	N/A	N/A
2f. Utilities	N/A	N/A	N/A
2g. Environmental Compliance	N/A	N/A	N/A
2h. Police and Fire	N/A	N/A	N/A
2i. Safety	N/A	N/A	N/A
2j. Supply and Storage Operations	N/A	N/A	N/A
2k. Major Range Test Facility Base Costs	N/A	N/A	N/A
2l. Other (Specify)	N/A	N/A	N/A
<b>2m. Sub-total 2a. through 2l:</b>	N/A	N/A	N/A
<b>3. Depreciation</b>	N/A	N/A	N/A
<b>4. Grand Total (sum of 1c., 2m., and 3.) :</b>	N/A	N/A	N/A

**DATA CALL 66  
INSTALLATION RESOURCES**

**2. Services/Supplies Cost Data.** The purpose of Table 2 is to provide information about projected FY 1996 costs for the purchase of services and supplies by the activity. (**Note: Unlike Question 1 and Tables 1A and 1B, above, this question is not limited to overhead costs.**) The source for this information, where possible, should be either the NAVCOMPT OP-32 Budget Exhibit for O&M activities or the NAVCOMPT UC/FUND-1/IF-4 exhibit for DBOF activities. Information must reflect FY 1996 budget data supporting the FY 1996 NAVCOMPT Budget Submit. Break out cost data by the major sub-headings identified on the OP-32 or UC/FUND-1/IF-4 exhibit, disregarding the sub-headings on the exhibit which apply to civilian and military salary costs and depreciation. Please note that while the OP-32 exhibit aggregates information by budget activity, this data call requests OP-32 data for the activity responding to the data call. Refer to NAVCOMPTINST 7102.2B of 23 April 1990, Subj: Guidance for the Preparation, Submission and Review of the Department of the Navy (DON) Budget Estimates (DON Budget Guidance Manual) with Changes 1 and 2 for more information on categories of costs identified. Any rows that do not apply to your activity may be left blank. However, totals reported should reflect all costs, exclusive of salary and depreciation.

<b>Table 2 - Services/Supplies Cost Data</b>	
<b>Activity Name:</b> FLENUMMETOCCEN	<b>UIC:</b> N63134
Cost Category	FY 1996 Projected Costs (\$000)
<b>Travel:</b>	3
<b>Material and Supplies (including equipment):</b>	251*
<b>Industrial Fund Purchases (other DBOF purchases):</b>	178
<b>Transportation:</b>	2
<b>Other Purchases (Contract support, etc.):</b>	2293
<b>Total:</b>	2727

\* Includes DBOF and Non-DBOF.

**DATA CALL 66  
INSTALLATION RESOURCES**

**3. Contractor Workyears.**

**a. On-Base Contract Workyear Table.** Provide a projected estimate of the number of contract workyears expected to be **performed "on base"** in support of the installation during FY 1996. Information should represent an annual estimate on a full-time equivalency basis. Several categories of contract support have been identified in the table below. While some of the categories are self-explanatory, please note that the category "mission support" entails management support, labor service and other mission support contracting efforts, e.g., aircraft maintenance, RDT&E support, technical services in support of aircraft and ships, etc.

<b>Table 3 - Contract Workyears</b>	
<b>Activity Name:</b> FLENUMMETOCCEN	<b>UIC:</b> N63134
<b>Contract Type</b>	<b>FY 1996 Estimated Number of Workyears On-Base</b>
Construction:	0
Facilities Support:	0
Mission Support:	46
Procurement:	0
Other:*	0
<b>Total Workyears:</b>	<b>46</b>

**\* Note:** Provide a brief narrative description of the type(s) of contracts, if any, included under the "Other" category.

**DATA CALL 66  
INSTALLATION RESOURCES**

**b. Potential Disposition of On-Base Contract Workyears.** If the mission/functions of your activity were relocated to another site, what would be the anticipated disposition of the on-base contract workyears identified in Table 3.?

1) Estimated number of contract workyears which would be transferred to the receiving site (This number should reflect the number of jobs which would in the future be contracted for at the receiving site, not an estimate of the number of people who would move or an indication that work would necessarily be done by the same contractor(s)):

**46**

2) Estimated number of workyears which would be eliminated:

**NONE.**

3) Estimated number of contract workyears which would remain in place (i.e., contract would remain in place in current location even if activity were relocated outside of the local area):

**NONE.**

**DATA CALL 66  
INSTALLATION RESOURCES**

**c. "Off-Base" Contract Workyear Data.** Are there any contract workyears located in the local community, but not on-base, which would either be eliminated or relocated if your activity were to be closed or relocated? If so, then provide the following information (**ensure that numbers reported below do not double count numbers included in 3.a. and 3.b., above**):

No. of Additional Contract Workyears Which Would Be Eliminated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)
NONE	

No. of Additional Contract Workyears Which Would Be Relocated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)
3	Technical and Scientific Services

BRAC-95 CERTIFICATION

Reference: SECNAV NOTE 11000 dtd 8 Dec 93

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

I certify the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

*C. A. Peterson*

C. A. Peterson, CAPT, USN  
NAME (Please type of print)

Acting  
Title

Naval Meteorology and Oceanography Command  
Activity

*Craig A Peterson*

Signature

7/13/94

Date

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

\_\_\_\_\_  
NAME (Please type or print

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

\_\_\_\_\_  
NAME (Please type of print

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Activity

In certify that the information herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

C. A. Peterson, CAPT, USN  
NAME (Please type or print

*Craig A. Peterson*  
Signature

Acting  
Title

7/13/94  
Date

Naval Meteorology and Oceanography Command  
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)  
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

**W. A. EARNER**

\_\_\_\_\_  
NAME (Please type of print

*W. A. Earner*  
Signature

\_\_\_\_\_  
Title

7/25/94  
Date

BRAC-95 CERTIFICATION

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

Robert P. Garrett, CDR, USN  
NAME (Please type or print)

  
Signature

Division Head  
Title

7/12/94  
Date

Manpower/Personnel/Training  
Division

Resources Department  
Department

COMNAVMETOCCOM  
Activity

Enclosure (1)

**DATA CALL 1: GENERAL INSTALLATION INFORMATION**

1. ACTIVITY: Follow example as provided in the table below (*delete the examples when providing your input*). If any of the questions have multiple responses, please provide all. If any of the information requested is subject to change between now and the end of Fiscal Year (FY) 1995 due to known redesignations, realignments/closures or other action, provide current and projected data and so annotate.

- Name

Official name	NAVAL ATLANTIC METEOROLOGY AND OCEANOGRAPHY CENTER, NORFOLK, VA
Acronym(s) used in correspondence	NAVLANTMETOCEN
Commonly accepted short title(s)	NLMOC

- Complete Mailing Address

COMMANDING OFFICER  
 NAVAL ATLANTIC METEOROLOGY AND OCEANOGRAPHY CENTER  
 9141 THIRD AVENUE  
 NORFOLK, VA 23511-2394

- PLAD

NAVLANTMETOCEN NORFOLK VA

- PRIMARY UIC: N63061 (Plant Account UIC for Plant Account Holders)

Enter this number as the Activity identifier at the top of each Data Call response page.

- ALL OTHER UIC(s): 35701 PURPOSE: Mobile Environmental Team, Norfolk, VA

\_\_\_\_\_  
 \_\_\_\_\_

2. PLANT ACCOUNT HOLDER:

- Yes X No \_\_\_\_\_ (check one)

3. ACTIVITY TYPE: Choose most appropriate type that describes your activity and completely answer all questions.

• **HOST COMMAND:** A host command is an activity that provides facilities for its own functions and the functions of other (tenant) activities. A host has accountability for Class 1 (land), and/or Class 2 (buildings, structures, and utilities) property, regardless of occupancy. It can also be a tenant at other host activities.

• Yes  No  (check one)

• **TENANT COMMAND:** A tenant command is an activity or unit that occupies facilities for which another activity (i.e., the host) has accountability. A tenant may have several hosts, although one is usually designated its primary host. If answer is "Yes," provide best known information for your primary host only.

• Yes  No  (check one)  
 • Primary Host (current) UIC: 00188  
 • Primary Host (as of 01 Oct 1995) UIC: 00188  
 • Primary Host (as of 01 Oct 2001) UIC: 00188

• **INDEPENDENT ACTIVITY:** For the purposes of this Data Call, this is the "catch-all" designator, and is defined as any activity not previously identified as a host or a tenant. The activity may occupy owned or leased space. Government Owned/Contractor Operated facilities should be included in this designation if not covered elsewhere.

• Yes  No  (check one)

4. SPECIAL AREAS: List all Special Areas. Special Areas are defined as Class 1/Class 2 property for which your command has responsibility that is not located on or contiguous to main complex.

Name	Location	UIC
NA		

5. DETACHMENTS: If your activity has detachments at other locations, please list them in the table below.

Name	UIC	Location	Host name	Host UIC
NLMOC	63061357	NORFOLK VA	NAS NORFOLK	00188
MOENVTEAM	01630636	NORFOLK VA	NAS NORFOLK	00188
NLMOF BERMUDA	2362	BERMUDA ISLAND	NAS BERMUDA	62481
NLMOF JACKSONVILLE	63075	JACKSONVILLE FL	NAS JACKSONVILLE	00207
MOENVTEAM JAX	65767	JACKSONVILLE FL	NAS JACKSONVILLE	00207
NLMOD CECIL FIELD	68102	CECIL FIELD FL	NAS CECIL FIELD	60200
NLMOD CHARLESTON	65769	CHARLESTON SC	NS CHARLESTON	61165
NTMOD CORPUS CHRISTI	65770	CORPUS CHRISTI TX	NAS CORPUS CHRISTI	00216
NTMOD DALLAS	65591	DALLAS TX	NAS DALLAS	00215
NLMOD GUANTANAMO BAY	30830	GUANTANAMO BAY	NS GUANTANAMO BAY	60514
NLMOD KINGS BAY	39379	KINGS BAY GA	NAVSUBASE KINGS BAY	42237
NLMOD KEFLAVIK	65773	KEFLAVIK ICELAND	NAS KEFLAVIK	63032
NLMOD KEY WEST	65774	KEY WEST FL	NAS KEY WEST	00213
NTMOD KINGSVILLE	65775	KINGSVILLE TX	NAS KINGSVILLE	60241
NLMOD MAYPORT	65776	MAYPORT FL	NAVSTA MAYPORT	60201
NTMOD MEMPHIS	65777	MEMPHIS TN	NAS MEMPHIS	00639
NTMOD MERIDIAN	65778	MERIDIAN MS	NAS MERIDIAN	63043
NTMOD NEW ORLEANS	65779	NEW ORLEANS LA	NAS NEW ORLEANS	00206
NLMOD PENSACOLA	65782	PENSACOLA FL	NAS PENSACOLA	00204
NTMOD WHITING FIELD	66458	MILTON FL	NAS WHITING FIELD	60508
NLMOF BRUNSWICK	69005	BRUNSWICK ME	NAS BRUNSWICK	60087
NLMOD BRUNSWICK COMP		NEW LONDON CT	COMSUBGRU TWO/ SUBBASE N LONDON	00129 55429
	68269		GLENVIEW IL	00275
NTMOD GLENVIEW	62612	GLENVIEW IL	GLENVIEW IL	00275
NTMOD NEWPORT	65876	NEWPORT RI	NAVEDTRACEN RI	62661
NLMOD OCEANA	66124	OCEANA VA	NAS OCEANA	60191
NLMOD PATUXENT RVR	66470	PATUXENT RIVER MD	NAS PATUXENT RVR	00421
NTMOD S WEYMOUTH	66471	WEYMOUTH MA	NAS S WEYMOUTH	00101
NTMOD WILLOW GROVE		WILLOW GROVE PA	NAS WILLOW GROVE	00158

6. BRAC IMPACT: Were you affected by previous Base Closure and Realignment decisions (BRAC-88, -91, and/or -93)? If so, please provide a brief narrative.

When a Naval Station or Naval Air Station is closed, the meteorological and oceanographic support is no longer required. The local Detachment (N\_MOD) is closed. The following Detachments were affected by previous BRACs:

CNMOC ACTIVITIES AFFECTED BY BRAC 93

CLOSURE OF RESULTING IN CLOSURE OF

<u>HOST ACTIVITY</u>	<u>CNMOC ACTIVITY (UIC)</u>	<u>FISCAL YEAR</u>
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NAVOCEANCOM DET CHASE FIELD TX Closed FY93.

NAVTRAMETOC DET DALLAS TX Relocates to NAS FORT WORTH TX FY95/96.

NAVLANTMETOC DET CHARLESTON SC Closes FY95.

NAVTRAMETOC DET MEMPHIS TN Closes FY95.

NAVLANTMETOC DET CECIL FIELD Closes FY97.

NAVTRAMETOC DET GLENVIEW IL Closes FY95.

NAVLANTMETOCFAC BRUNSWICK ME:

(1) BRAC 93 caused the relocation of some aircraft to NAS South Weymouth, MA, resulting in an increase in the night-time sub-regional forecasting (SRF) support provided by NAVLANTMETOCFAC Brunswick to NAS South Weymouth.

(2) Will provide night-time SRF support for NAS Glenview IL beginning OCT 94 and assume any remaining METOC support requirements for NAS Glenview in JUL 95.

NAVLANTMETOC DET PATUXENT RIVER MD:

(1) Naval Air Warfare Center Aircraft Division (NAWCAD), Warminster, PA, will relocate to Patuxent River in FY95/96. This will cause an increase in required observational and climatological data along with special project support to Development, Test and Evaluation for Aircraft Sensors.

(2) NAWCAD Trenton NJ will relocate to Patuxent River in FY97/98, bringing the Propulsion System Development Facility, Rotating Component Test Facility, UAV Propulsion Test Facility, Fuel System Test Facility, and Fuel and Lubricant Test and Analysis Facility. This will also increase the demand for observational and climatological data.

(3) Headquarters, Naval Air Systems Command (NAVAIRSYSCOM) will relocate from Arlington, VA, to Patuxent River by FY97. This should have minimal impact on the detachment, with the possible exception of providing severe weather briefings for this flag-level staff. NAVAIRSYSCOM has a staff Oceanography officer.

NAVLANTMETOC DET OCEANA VA: Some NAS Oceana-based squadrons (primarily A-6 aircraft) have been decommissioned, and S-3 aircraft squadrons will be relocated to NAS Oceana. These changes are not expected to affect the detachment's operational tempo (OPTEMPO) very much.

NAVTRAMETOC DET NEWPORT RI: Commander, Destroyer Squadron SIX and its assigned ships, homeported in Newport, were reassigned to other locations. The detachment was reduced by one enlisted billet.

NAVTRAMETOC DET SOUTH WEYMOUTH MA: Naval Reserve and Marine Corps Reserve aircraft squadrons are moving to NAS South Weymouth as a result of BRAC-related closures and realignments at other bases. The first of these, VR-62, will report in late summer 1994. Reserve units from four closing surface reserve bases will relocate to South Weymouth, doubling the number of Reservists drilling there. These aircraft squadrons and Reserve units will require additional METOC support from the Detachment.

7. MISSION: Do not simply report the standard mission statement. Instead, describe important functions in a bulletized format. Include anticipated mission changes and brief narrative explanation of change; also indicate if any current/projected mission changes are a result of previous BRAC-88, -91,-93 action(s).

#### Current Missions

##### NAVLANTMETOCEN NORFOLK VA:

- Assigned area of responsibility (AOR): Atlantic Ocean, including polar regions, Norwegian and Barents Seas, Caribbean Sea, and the eastern Pacific Ocean east of 92°W longitude.
- Provide meteorological, oceanographic (METOC) and acoustic services to U.S. Navy and Marine Corps and Department of Defense activities, other U.S. government agencies and elements of the armed forces of NATO and other allied nations.
- Provide daily operations area (OPAREA) forecasts for the Atlantic, Caribbean, eastern Pacific and polar regions.
- Issue high wind and sea warnings for extratropical weather systems in the North Atlantic.
- Provide a variety of environmental forecasts and warnings to local military activities, including daily local area forecasts and small craft and thunderstorm warnings for Hampton Roads, VA, the Chesapeake Bay and Delaware Bay.
- Provide climatological data and briefings as requested.
- Coordinate special fleet weather observations in the vicinity of Atlantic hurricanes and conduct six-hourly conference calls with the National Hurricane Center and National Weather Service during tropical storm season. (June-November)
- Collect and analyze all available satellite data from the North Atlantic and generate a weekly Atlantic Ocean Synopsis and a Regional Oceanographic Features Analysis which discuss key oceanographic and acoustic conditions in the North Atlantic.
- Provide advice, guidance, briefings and other support for local Navy, Joint and NATO staffs as required.
- Provide annual visits, training and pre- and post-deployment briefings to operating forces of the Atlantic Fleet based in the local area.
- Advise and assist war-fighting commanders at all echelons as needed in the formulation of requests for oceanographic support or the development of Oceanographic Requirements and Mission Essential Needs Statements (MNS).
- Evaluate current METOC capabilities and services in the light of expected changes to Fleet and Joint Concepts of Operations (CONOPS) and submit appropriate recommendations to COMNAVMETOCOM for planning purposes.
- Perform classified functions as assigned by separate directives.

- Maintain backup operational plans and agreements with other COMNAVMETOCCOM activities to insure continuity of METOC support.
- Conduct a quality control program to ensure accuracy and improvement of METOC forecasts, products and services. Maintain liaison with all commands supported to insure responsive service.
- Coordinate with fleet and shore-based naval activities for the collection and dissemination of METOC data.
- Perform those functions required of all Navy activities related to personnel management, security, supply management, management control, safety, facility management, etc.
- Conduct a training program in meteorology, oceanography and other professional topics for assigned military personnel and civilian employees in the interest of professional and career development.
- Provide training to officers and aerographer's mates of the Selected Reserve assigned to Naval Meteorological and Oceanographic Reserve Activities (NMORAs) collocated at NAVLANTMETOCCEN and subordinate activities to qualify them for mobilization and promotion.
- Provide technical assistance, interpretive advice, and classroom presentations to Fleet Tactical and Warfare Schools (including the Naval War College) and the NOAA Officer Training School as requested.

**MOBILE ENVIRONMENTAL TEAMS NORFOLK AND JACKSONVILLE:**

- See Question 8. The Mobile Environmental Teams' missions are unique. Nobody in the world can provide the on-scene, real-time operational METOC services and support that a Navy Mobile Environmental Team provides to warfighting commanders, afloat and ashore.

**NAVLANTMETOCFACs JACKSONVILLE FL and BRUNSWICK ME:**

- Provide administrative, budgetary and operational control over subordinate detachments, components and Mobile Environmental Teams.
- Provide METOC services to DOD activities, other U.S. government agencies, and elements of the armed forces of allied nations within their specific AORs.
- Issue high wind and seas warnings within their AORs.
- Provide a variety of METOC forecasts to local military activities, including local area forecasts, OPAREA forecasts and specialized forecasts to meet local operational and training requirements.
- Prepare and disseminate warnings for severe weather (Thunderstorm, winter storms, high winds, small craft).
- Assess potential for destructive weather and recommend weather-related conditions of readiness for the Navy shore establishment.
- Provide forecasts of weather and ocean conditions for Search and Rescue (SAR) missions.
- Provide climatological data and briefings as required.
- Provide METOC advice, guidance, briefings and other support for local staffs as required.

- Advise and assist local commands in the formulation of requests for METOC support and development of Oceanographic Requirements and Mission Essential Needs Statements (MNS).
- Provide METOC and professional training for assigned military and civilian personnel and for Selected Reserve personnel where NMORA units are assigned.
- Conduct Fleet Liaison support for U.S. Navy ships in the local area.

ALL NAVLANTMETOC AND NAVTRAMETOC DETACHMENTS:

- Provide METOC services to DOD activities, other U.S. government agencies, and elements of the armed forces of allied nations within their specific AORs.
- Issue high wind and seas warnings within their AORs.
- Provide a variety of METOC forecasts to local military activities, including local area forecasts, OPAREA forecasts and specialized forecasts to meet local operational and training requirements.
- Prepare and disseminate warnings for local severe weather (Thunderstorm, winter storms, high winds, small craft).
- Assess potential for destructive weather and recommend weather-related conditions of readiness for the local shore establishment.
- Provide climatological data and briefings as required.
- Provide METOC advice, guidance, briefings and other support for local staffs as required.
- Advise and assist local commands in the formulation of requests for METOC support and development of Oceanographic Requirements.
- Provide METOC and professional training for assigned military and civilian personnel and for Selected Reserve personnel where NMORA units are assigned.

PROJECTED MISSIONS FOR FY 2001

ALL NAVMETOCCOM ACTIVITIES:

- All missions continue as described above. Local commands and staffs will require greater METOC support as the effects of weather and ocean conditions on operations and facilities become more important to a smaller Navy.

8. UNIQUE MISSIONS: Describe any missions which are unique or relatively unique to the activity. Include information on projected changes. Indicate if your command has any National Command Authority or classified mission responsibilities.

Current Unique Missions

The Naval Meteorology and Oceanography Command (NAVMETOCCOM) is the only organization capable of producing and disseminating forecasts of meteorological and oceanographic conditions in the maritime environment outside the immediate coastal waters of the U.S.

NAVLANTMETOCEN NORFOLK VA:

- Provide tailored enroute weather forecasts (WEAXes) for U.S. Navy ships; vessels owned, operated for or chartered by the Military Sealift Command; vessels of the U.S. Coast Guard, the U.S. Army and NOAA; and foreign vessels.
- Provide Optimum Track Ship Routing (OTSR) services for ships and vessels as listed immediately above. OTSR maximizes fuel economy and minimizes risk of weather-related damage.
- Issue warnings for tropical cyclones in the North Atlantic to military activities throughout the eastern U.S. and to operating forces at sea. Recommend appropriate conditions of readiness for severe weather to Area Coordinators for the Navy shore establishment. Make sortie recommendations to evacuate ships from ports threatened by tropical storms or hurricanes.
- Provide long-range Energy Conservation Program (ECP) forecasts for 44 DOD customers in 26 geographic locations in the eastern U.S. Customers use ECP forecasts to make energy-saving decisions about operating heating/ventilating/air conditioning (HVAC) systems.
- Control and coordinate all METOC communications requirements for the Atlantic theater, including the Navy weather facsimile (NFAX) high-frequency broadcast, the Navy weather radioteletype (LMHA and LMHB) broadcasts, and METOC information passed to operating forces via Navy and joint tactical information exchange systems. Issue Telecommunications Service Requests (TSRs) for subordinate activities.
- Serve as the Atlantic theater's Broadcast Key Control Station for the Navy's Tactical Environmental Support System (TESS 3).
- When directed, represent COMNAVMETOCOM for coordination and liaison on METOC matters within DOD and with other U.S. government agencies, NATO, international organizations, and foreign governments within the Atlantic area.
- Assume backup forecasting services for the Mediterranean Sea, the Baltic and the Red Sea in the event NAVEURMETOCEN Rota, SP, becomes incapacitated.
- Cooperate with the National Oceanic and Atmospheric Administration (NOAA) in carrying out the National Hurricane Operations Plan and the National East Coast Winter Storm Operations Plan. Coordinate requirements for airborne weather reconnaissance for winter storms and tropical cyclones.
- Provide twice daily down-range forecasts for space shuttle launches to 45th Air Weather Squadron, Patrick, AFB.
- Exercise command and control over 28 subordinate Mobile Environmental Teams, Facilities, Detachments and Components.
- Prepare and submit to COMNAVMETOCOM budget exhibits and resource requirement recommendations, providing guidance and assistance to subordinate activities and consolidating their input.
- Execute the budget and perform financial accounting functions for this command and subordinates in accordance with NAVCOMPT and COMNAVMETOCOM directives.

MOBILE ENVIRONMENTAL TEAMS NORFOLK VA AND JACKSONVILLE FL:

- Provide teams of one to five highly qualified officer and/or enlisted personnel capable of deploying with warfighting commands on short notice, bringing their own portable METOC communications, data collection and forecasting equipment.
- Provide METOC forecasting and observing services (including Sensor/Weapon System Performance Predictions) to operating forces in support of operational or training requirements of relatively short duration (six months or less).
- Support shipboard or deployed warfare commanders (Navy and Joint) who do not have METOC personnel assigned to their own staffs; ships conducting special operations and independent transits; and Navy R&D activities.
- Take surface weather, upper air, surf and bathythermograph observations as required to support operating forces to which assigned.
- Provide short term support for other DOD and Federal agencies' operational oceanographic requirements.
- Train Fleet personnel in Oceanography and Meteorology.
- Provide pre-deployment climatological briefings.
- Augment COMNAVMETOC activities as required and on an as-available basis.

NAVLANTMETOCFAC BERMUDA:

- Provide the complete range of meteorological services to the U.S. Air Force on Bermuda and to the Government of Bermuda in accordance with current treaties. (This mission will be deleted and all U.S. naval activities in Bermuda will close by the end of FY95.)

NAVLANTMETOCFAC BRUNSWICK ME:

- Support Maritime Patrol Aircraft (MPA) in Anti-Submarine Warfare, Anti-Surface Warfare and Command and Control Warfare missions for all littoral and open ocean regions.
- Construct and present Mine Warfare briefs and research for maritime patrol (VP) squadrons.
- Construct and present pre-deployment briefings for COMPATWING FIVE squadrons deploying to the Mediterranean and Caribbean Seas.
- Support COMPATWING FIVE Special Projects Division and MPA R&D programs.

NAVLANTMETOC DET BRUNSWICK COMPONENT NEW LONDON CT and NAVLANTMETOC DET KINGS BAY GA:

- Conduct pre-underway briefs, post-deployment debriefs and waterfront METOC assist visits for all submarines assigned to Submarine Squadrons TWO and TWELVE, homeported in New London, and for all submarines assigned to Submarine Group TEN, homeported in Kings Bay.
- Conduct METOC training seminars for submarine crews.
- Assess impact of meteorological phenomena during radiological incidents or accidents.

- COMPONENT NEW LONDON: Assist COMSUBGRU TWO in conducting annual Tactical Oceanography Workshops (TOWs). Conduct quarterly Tactical Oceanography Symposia for SSN crews and submarine staff personnel.

ACTIVITIES WITH AVIATION WEATHER SERVICE RESPONSIBILITIES

(NAVLANTMETOCCEN, NAVLANTMETOC FACs Jacksonville and Brunswick, METOC DETs Cecil Field FL, Corpus Christi TX, Dallas TX, Glenview IL, Guantanamo Bay CU, Keflavik IC, Key West FL, Kingsville TX, Memphis TN, Meridian MS, New Orleans LA, Patuxent River MD, Pensacola FL, South Weymouth MA, Whiting Field FL, Willow Grove MA):

- Provide flight forecasting and flight weather briefing services for all resident and transient DOD and state/federal government aircraft.

- Take and transmit surface weather observations; prepare and issue terminal aerodrome forecasts.

ACTIVITIES WITH SUB-REGIONAL FORECASTING (SRF) RESPONSIBILITIES (NAVLANTMETOC FACs Jacksonville and Brunswick, NAVLANTMETOC DET Pensacola, FL, and NAVTRAMETOC DET Corpus Christi, TX):

- Provide flight forecasting services and local area forecasts for assigned Naval Bases, Naval Air Stations and nearby coastal waters during hours of reduced operations at the assigned locations.

ACTIVITIES COLLOCATED WITH ANTI-SUBMARINE WARFARE OPERATIONS CENTERS (ASWOCs) (NAVLANTMETOC FACs Brunswick and Jacksonville, NAVLANTMETOC DET Cecil Field, and NAVLANTMETOC DET Oceana beginning in FY96 as a result of BRAC-93):

- Collect, analyze and interpret oceanographic, acoustic and electromagnetic/electro-optic data, providing operational guidance and support to MPA squadrons for Anti-Submarine Warfare, Anti-Surface Warfare, and maritime patrol and surveillance missions.

Projected Unique Missions for FY 2001

NAVLANTMETOCCEN NORFOLK VA:

- Provide operational forecasting and support for cruise missiles (beginning FY95).
- Expand SCI facility and support to COMSOCLANT and AIC.
- Expand the Energy Conservation Program to support an increased number of Department of Defense customers.

ALL NAVMETOCCOM ACTIVITIES:

- On-scene and increased Joint staff support and environmental forecasting for strategic deterrence and defense, forward presence and crisis response.
- On-scene technical and tactical environmental forecasting for fleet assets in the operating environment of the littoral and open ocean areas of the Atlantic and Caribbean Sea.
- Increased support for Joint operations conducted from the sea and littoral areas in peace or conflict.
- Increased support for Unified Commanders and Expeditionary Forces under the Sea-Air-

Land Team concept.

- Increased support for sealift units in Joint Operations during time of crisis.

9. IMMEDIATE SUPERIOR IN COMMAND (ISIC): Identify your ISIC. If your ISIC is not your funding source, please identify that source in addition to the operational ISIC.

Operational name: Commander, Naval Meteorology and Oceanography Command, UIC00065

Funding source: Same as above.

10. PERSONNEL NUMBERS: Host activities are responsible for totalling the personnel numbers for all of their tenant commands, even if the tenant command has been asked to separately report the data. The tenant totals here should match the total tally for the tenant listing provided subsequently in this Data Call (see Tenant Activity list). (Civilian count shall include Appropriated Fund personnel only.)

On Board Count as of 01 January 1994

	Officers	Enlisted	Civilian (Appropriated)
• NAVLANTMETOCEN	<u>25</u>	<u>57</u>	<u>28</u>
• MET NORFOLK	<u>2</u>	<u>31</u>	<u>0</u>

Tenants: (N/A)

Authorized Positions as of 30 September 1994

	Officers	Enlisted	Civilian (Appropriated)
• NAVLANTMETOCEN	<u>22</u>	<u>60</u>	<u>28</u>
• MET NORFOLK	<u>5</u>	<u>29</u>	<u>0</u>

Tenants: (N/A)

11. KEY POINTS OF CONTACT (POC): Provide the work, FAX, and home telephone numbers for the Commanding Officer or OIC, and the Duty Officer. Include area code(s). You may provide other key POCs if so desired in addition to those above.

<u>Title/Name</u>	<u>Office</u>	<u>Fax</u>	<u>Home</u>
• COS			
<u>CAPT D. A. ROMAN</u>	(804) 444-2436	(804) 444-7343	(804) 423-7495
• Duty Officer	(804) 444-7750	(804) 444-4479	[ N/A ]
• BRAC COOR (PR1)			
<u>CDR W.L. BRADFIELD-SMITH</u>	(804) 444-7277	(804) 444-7343	(804) 624-9404
• BRAC COOR (ALT)			
<u>N/A</u>			
* BRAC COOR (ALT)			
<u>NA</u>			

Note - Prefixes for office and FAX numbers are:  
 Commercial - (804) 444-  
 DSN - 564-

12. **TENANT ACTIVITY LIST:** This list must be all-inclusive. Tenant activities are to ensure that their host is aware of their existence and any "subleasing" of space. This list should include the name and UIC(s) of all organizations, shore commands and homeported units, active or reserve, DOD or non-DOD (include commercial entities). The tenant listing should be reported in the format provide below, listed in numerical order by UIC, separated into the categories listed below. Host activities are responsible for including authorized personnel numbers, on board as of **30 September 1994**, for all tenants, even if those tenants have also been asked to provide this information on a separate Data Call. (Civilian count shall include Appropriated Fund personnel only.)

- Tenants residing on main complex (shore commands)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
N/A	N/A	N/A	N/A	N/A

- Tenants residing on main complex (homeported units.)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
N/A	N/A	N/A	N/A	N/A

- Tenants residing in Special Areas (Special Areas are defined as real estate owned by host command not contiguous with main complex; e.g. outlying fields).

Tenant Command Name	UIC	Location	Officer	Enlisted	Civilian
N/A	N/A	N/A	N/A	N/A	N/A

• Tenants (Other than those identified previously)

Tenant Command Name	UIC	Location	Officer	Enlisted	Civilian
N/A	N/A	N/A	N/A	N/A	N/A

13. REGIONAL SUPPORT: Identify your relationship with other activities, not reported as a host/tenant, for which you provide support. Again, this list should be all-inclusive. The intent of this question is capture the full breadth of the mission of your command and your customer/supplier relationship. Include in your answer any Government Owned/Contractor Operated facilities for which you provide administrative oversight and control.

ACTIVITY NAME	LOCATION	SUPPORT FUNCTION (include mechanism such as ISSA MOU, etc.)
<p><i>Afloat Units (USN, MSC, Foreign and Allied Navies, other USG agencies (Coast Guard, Army, NOAA, NMC, NHC, etc.)</i></p>	<p><i>Atlantic Ocean, Norwegian/Barents Seas,, Gulf of Mexico, Eastern Pacific (east of 92W)</i></p>	<p><i>Provide oceanographic data and forecasts, facsimile broadcasts, meteorological/oceanographic forecasts, Optimum Track Ship Routing, acoustic data, weather warnings, enroute weather forecasts, tropical storm warnings, and climatology.</i></p>
<p><i>CINCLANTFLT</i></p>	<p><i>Norfolk, VA</i></p>	<p><i>Present staff weather briefs, televised or in person; provide climatology studies for special-interest areas; provide daily briefing packets via Autopolling dial-in fax; provide meteorological forecasts and outlooks, hazardous weather advisories; provide non-routine environmental services; and provide review and advice concerning any policy, doctrine, publications having an environmental dimension.</i></p>
<p><i>USACOM</i></p>	<p><i>Norfolk, VA</i></p>	<p><i>Present staff weather briefs, televised or in person; provide climatology studies for special-interest areas; provide daily briefing packets via Autopolling dial-in fax; provide METOC support for joint exercises/operations, including organizations hosting of Joint METOC Forecast Unit (JMFU); meteorological forecasts and outlooks, hazardous weather advisories; and provide review and advice concerning any policy, doctrine, publications having an environmental dimension.</i></p>
<p><i>SACLANT</i></p>	<p><i>Norfolk, VA</i></p>	<p><i>Present staff weather briefs, televised or in person; provide climatology studies for special-interest areas; provide daily briefing packets via Autopolling dial-in fax; provide meteorological forecasts and outlooks, hazardous weather advisories; provide non-routine environmental services; and provide review and advice concerning any policy, doctrine, publications having an environmental dimension.</i></p>

<u>ACTIVITY</u>	<u>LOCATION</u>	<u>SUPPORT FUNCTION (include mechanism such as ISSA, MOU, etc.)</u>
COMSUBLANT	Norfolk, VA	Provide acoustic forecasts, graphics, studies, and outlooks for special interest areas; climatology studies for special-interest areas; daily briefing packets via Autopolling dial-in fax; non-routine environmental services; and oceanographic forecasts and outlooks, including acoustics.
COMNAVAIRLANT	Norfolk, VA	Present staff weather briefs, televised or in person; provide non-routine environmental services; provide review and advice concerning any policy doctrine, publications having an environmental dimension.
COMNAVSURFLANT	Norfolk, VA	Provide review and advice concerning any policy, doctrine, publications having an environmental dimension; and non-routine environmental services.
COMSOCLANT	Norfolk, VA	Provide METOC support to SPECWARFARE commanders.
USSOCCOMLANT	Norfolk, VA	Provide environmental training for foreign navies (i.e. Colombia) that have agreements with USSOCCOMLANT, and full-spectrum support for UNITAS exercises.
COMNAVBASE	Norfolk, VA	Provide daily briefing packets via Autopolling dial-in fax; energy conservation forecasts; meteorological forecasts and outlooks, hazardous weather advisories (thunderstorm, winter and tropical weather); non-routine environmental services, setting conditions of readiness for tropical storms; review and advice concerning any policy, doctrine, publications having an environmental dimension.
COMUNDERSEASURVLANT	Norfolk, VA	Provide acoustic forecasts, graphics, studies, and outlooks for special interest areas; climatology studies for special-interest areas; daily briefing packets via Autopolling dial-in fax; non-routine environmental services; oceanographic forecasts and outlooks, including acoustics; and ship routing in support of T-AGOS units.
FLEASWTRAGRULANT	Norfolk, VA	Provide ASW scenarios and review scenarios before introduced to students.
COMNAVDOCCOM	Norfolk, VA	Provide review and advice concerning any policy, doctrine, publications having an environmental dimension.

<u>ACTIVITY</u>	<u>LOCATION</u>	<u>SUPPORT FUNCTION (include mechanism such as ISSA, MOU, etc.</u>
NAVAL SECURITY GROUP, Northwest	Chesapeake, VA	Provide climatology studies for special-interest areas; meteorological forecasts and outlooks, hazardous weather advisories.
SPECWARGRU 2	Little Creek, VA	Provide climatology studies for special-interest areas; meteorological forecasts and outlooks, hazardous weather advisories; and non-routine environmental services, such as surf forecasts, illumination, tides, etc.
SPECBOATRON 2	Little Creek, VA	Provide climatology studies for special-interest areas; meteorological forecasts and outlooks, hazardous weather advisories; and non-routine environmental services, such as surf forecasts, illumination, tides, etc.
SEAL TEAMS 2,4,8	Little Creek, VA	Provide specialized tactical SEAL TEAM METOC support during command post exercises/field training.
AMPHIBIOUS GROUP 2	Little Creek, VA	Provide forecasts during hurricane evasion.
U.S. NAVAL ACADEMY	Annapolis, MD	Provide climatology studies for special-interest areas; energy conservation forecasts; meteorological forecasts and outlooks, hazardous weather advisories, non-routine environmental services in support of sailing program.
NAVY/MARINE CORPS TRAINING CENTER	Dam Neck, VA	Provide climatology studies for special-interest areas.
7/11TH TRANSP. GROUP, U.S. ARMY	FT. Eustis, VA	Provide full spectrum environmental support during Joint Logistics Over the Shore (JLOTS) operations; non-routine environmental services (tidal information).
NOAA OFFICER TRAINING CENTER	FT. Eustis, VA	Provide instructors for Basic Officer REFTRA and PCO courses.
NAVORDTESTU	Cape Canaveral, FL	Provide non-routine environmental services in support of space shuttle launch support.
SWOSCOLCOM	Newport, RI	Provide PCO briefs.
AEGIS TRAINING TEAM	Bath, ME	Provide meteorological forecasts and outlooks, hazardous weather advisories, and special forecasts in support of Aegis testing for NEWCON ships.

<u>ACTIVITY</u>	<u>LOCATION</u>	<u>SUPPORT FUNCTION (include mechanism such as ISSA, MOU, etc.)</u>
MINEWARCOM	Corpus Christi, TX	Provide daily briefing packets via Autopolling dial-in fax; meteorological forecasts and outlooks, hazardous weather advisories; oceanographic forecasts and outlooks, including acoustics; non-routine environmental services, hurricane evasion strategy, ship routing.
ATLANTIC INTELLIGENCE COMMAND	Norfolk, VA	Provide meteorological forecasts and outlooks, hazardous weather advisories; and climatology studies for special-interest areas.
JOINT TASK FORCE 4	Key West, FL	Provide climatology studies for special-interest areas; meteorological forecasts and outlooks, hazardous weather advisories; and non-routine environmental services (support for dropwinsonde program, NAVO interface).
JOINT TASK FORCE 120	Haitian Operating Area	Provide climatology studies for special-interest areas; meteorological forecasts and outlooks, hazardous weather advisories; and METOC support for joint exercises/operations including organization and hosting of Joint METOC Forecast Unit (JMFU).
JOINT FORCES (CJTF-140,146,148)	Camp Lejeune, NC	Staff weather support to Commander, Joint Task Force, Joint Force Air Component Commander (JFACC), and Special Operations Task Force, including mission planning and mission control forecasts.
CJTF-4	Key West, FL	Provide specialized environmental support (i.e. IREPS) during counter drug operations.
MSCLANT	Bayonne, NJ	Provide METOC support for ships during transplants and cable laying operations.
AFGWC	Offutt AFB, NE	Provide maritime support for Navy/Air Force units during Joint exercise Combat Thunder.
NAVAL DISTRICT WASHINGTON	Washington, DC	Advise setting tropical storm conditions of readiness.
SUBGRU-2	Charleston, SC	Provide training to sub STs on how to interpret SFMPL products.
NO96 (AESS)	Washington, DC	Provide demo/training on Allied Environmental Support System for foreign navies.
COMCARGRU 2,4,6,8	Norfolk, VA/ Mayport, FL	Provide METOC support for staff oceanographers during exercises.

<u>ACTIVITY</u>	<u>LOCATION</u>	<u>SUPPORT FUNCTION (include mechanism such as ISSA, MOU, etc.)</u>
COMCRUDESGRU 8,12	Norfolk, VA/ Mayport, FL	Provide METOC support for staff oceanographers during exercises.
CINCUSNAVEUR	London, England	Provide environmental support packages upon request.
COMMINEWARCOM	Ingleside, TX	Provide training on CNMOC mine drift models to warfare commanders.
COMDESRON 14,20,22,24,26,32	Norfolk, VA/ Mayport, FL/ Charleston, SC	Provide full-spectrum environmental support during exercises (i.e. COMPTUEX, TPT)
COMLOGRON 2,4	Earle, NJ	Provide METOC support during transits and training exercises.
NETC	Newport, RI	Provide ASW support for units out of Groton, CT, and on-scene WEAX for YP transit.
ALL LANTFLT AFLOAT UNITS		Provide full-spectrum environmental support for those assets without organic weather support personnel.
ENERGY CONSERVATION CUSTOMERS		Provide energy conservation forecasts.
- Seymour Johnson AFB		
- Ft. Jackson Army Base		
- Norfolk Naval Shipyard		
- Naval Shipyard Philadelphia		
- NAS Willow Grove		
- Naval Research Lab/Anacostia		
- Navy Yard Washington		
- Naval Observatory		
- Naval Surface Weapons Center		
- National Naval Medical Center		
- Naval Security Station, Washington		
- NAS Patuxent River		
- NAS Norfolk/PWC/NADEP Norfolk		
- Great Lakes Naval Training Center		
- NAS Kingsville		
- NAS Corpus Christi		
- NAS Memphis		
- NAS Pensacola (PWC, NADEP)		
- NAS Whiting Field (PWD)		
- NAS Cecil Field (PWD)		
- NAS Jacksonville (PWC)		
- NAVBASE Mayport		
- NAVSTA Charleston (PWD)		
- NAVBASE Norfolk/PWC Norfolk		
- NAVHOSP Norfolk		
- NAS Oceana		
- NAVPHIBASE Little Creek/PWC Little Creek		
- MCAS Cherry Point		
- MCRD Parris Island		

ACTIVITY

LOCATION

SUPPORT FUNCTION (include mechanism such as  
ISSA, MOU, etc.)

- Naval Combat Training Center/PWC Dam Neck
- MCB Camp Lejeune

14. FACILITY MAPS: This is a primary responsibility of the plant account holders/host commands. Tenant activities are not required to comply with submission if it is known that your host activity has complied with the request. Maps and photos should not be dated earlier than 01 January 1991, unless annotated that no changes have taken place. Any recent changes should be annotated on the appropriate map or photo. Date and label all copies.

- Refer to BRAC Data Call #1 submission from NAS Norfolk, VA. BRAC Coordinator, Mr. Keith Mustard, DSN 564-2048 or commercial (804) 444-2048.

- Local area maps, installation/activity/base maps, general development/site maps and Air Installations Compatible Use Zones (AICUZ) maps, as appropriate, were provided by our host activity, Naval Air Station Norfolk (UIC 00188), in February 1994 as part of their submission for BRAC Data Call # 1. Contact the NAS Norfolk BRAC Coordinator, Mr. Keith Mustard, DSN 564-2048 or commercial (804) 444-2048, for more information.

Twelve copies of an aerial photograph showing the location of NAVLANTMETOCEN are enclosed.

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

D. A. ROMAN, CAPT, USN  
NAME (Please type or print)

Donald A. Roman  
Signature

Commanding Officer  
Title

24 JUN 94  
Date

Naval Atlantic Meteorology and Oceanography Center  
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

\_\_\_\_\_  
NAME (Please type or print

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

\_\_\_\_\_  
NAME (Please type of print

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Activity

In certify that the information herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

J. E. CHUBB, RADM, USN  
NAME (Please type or print

  
\_\_\_\_\_  
Signature

Commander  
Title

27 June 94  
Date

Naval Meteorology & Oceanography Command  
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)  
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

R. R. SAREERAM

\_\_\_\_\_  
NAME (Please type of print

  
\_\_\_\_\_  
Signature

ACTING  
Title

30 JUN 1994  
Date

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**MILITARY VALUE ANALYSIS**

**DATA CALL WORK SHEET**

**FOR NAVAL METEOROLOGY AND OCEANOGRAPHY  
CENTERS: NAVLANTMETOCEN**

**PRIMARY UIC: 63061**

(Insert this UIC in "Header A" on every page)

Category.....Operational Support  
Sub-category.....Ocean & Meteorological

**\*\*\*\*\*If any responses are classified, attach separate classified annex.\*\*\*\*\***

**ENCLOSURE (5)**

### Naval Meteorology and Oceanography Centers Activity Listing

Type	Title	Location
COMMANDER	COMNAVMETOCEN	STENNIS SPACE CENTER, MS
METOCEN	FLENUMMETOCEN	MONTEREY, CA
METOCEN	NAVPACMETOCEN	PEARL HARBOR, HI
METOCEN	NAVPACMETOCEN WEST	GUAM
METOCEN	NAVLANTMETOCEN	NORFOLK, VA
NAVOCEANO	NAVOCEANO	STENNIS SPACE CENTER, MS
NAVOBSY	NAVAL OBSERVATORY	WASHINGTON, DC

# Data for Military Value Analysis

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**Base Infrastructure and Investment**

1. List the project number, description, funding year, and value of the **capital improvements at your base completed (beneficial occupancy) during 1988 through 1994**. Indicate if the capital improvement is a result of BRAC realignments or closures.

**Table 1.1 Capital Improvement Expenditure**

Project	Description	Fund Year	Value
P154	4500 SQ FT ADDITION TO BLDG U-117	FY90	\$66K

2.a. List the project number, description, funding year, and value of the **non-BRAC related capital improvements planned** for years 1995 through 1997.

**Table 2.1 Planned Capital improvements**

Project	Description	Fund Year	Value
NONE			

**2.b.** List the project number, description, funding year, and value of the **BRAC related capital improvements planned** for 1995 through 1999.

**Table 2.2 Planned BRAC Capital improvements**

Project	Description	Fund Year	Value
NONE			

**3.a.** List the **encroachments of record** at your station, base, facility or satellite locations?

Questions 3.a. through 3.c. are deferred to Naval Base, Norfolk VA (UIC 61463)

**3.b.** Do current estimates of **population growth and development or environmental constraints** pose problems for the station, base, facility or satellite locations? Why or why not?

**3.c.** Provide a description of **local zoning ordinances** which might impact on future encroachment at your station, base, facility or satellite location.

**Logistics Support**

4. Do you or any of your detachments have **special non-DOD or civilian support** missions? Describe the missions and state which activity performs the mission. If realignments planned between today and FY 1997 will add non-DOD or civilian support missions describe them.

NAVLANTMETOCEN supports ships of the National Oceanic and Atmospheric Administration (NOAA), the U.S. Coast Guard and foreign navies with forecasting and ship routing services. We provide forecasts of ocean conditions and downrange weather for National Aeronautical and Space Administration (NASA) space shuttle launches.

NAVLANTMETOCFAC Bermuda provides full-time weather support to the Government and people of Bermuda, analogous to the National Weather Service's support to the U.S. government and people. This support includes routine weather forecasting, severe weather watches and warnings, briefs to the Bermudian civil defense organization; frequent interaction with local media, and full aviation support services for Bermudian civil aviation, including the international airport. NAVLANTMETOCFAC Bermuda also directly supports the NASA tracking station on Bermuda; allied naval vessels and military aircraft visiting the island; U.S. Coast Guard vessels and search and rescue (SAR) aircraft; and visiting NOAA aircraft.

NAVLANTMETOCFAC Brunswick ME provides aviation weather forecasting to U.S. Customs Service elements.

NAVTRAMETOC DET Willow Grove PA provides severe/destructive weather forecasts to local police and fire departments and weather forecasts during emergency situations.

NAVLANTMETOC DET Patuxent River MD provides weather data to the Calvert Cliffs nuclear power plant (when requested) and community support under Naval District Washington's disaster response plan for Sub-Region II.

NAVLANTMETOC DET Oceana VA supports the City of Virginia Beach with aviation forecasting for the Police Department's helicopter pilots; climatological information; and severe weather warnings/forecasts for the Public Works Department.

NAVLANTMETOC DET Keflavik IC supports elements of Allied/NATO military forces based in Iceland (primarily aviation forecasting); the U.S. Coast Guard LORAN monitoring station; a U.S. Department of Energy ion collection station (atmospheric research); NOAA testing for ozone depletion; the Icelandic Meteorological Office under a cooperative program for meteorology; the Icelandic Marine Research Institute; and the Icelandic Civil Aviation Authority.

NAVLANTMETOC DET Guantanamo Bay CU provides all meteorological and oceanographic information for Naval Station Guantanamo Bay, all tenant activities and transient units, and all residents. The service includes weather forecasting; severe weather warnings; operation of a weather channel on the base cable TV system; astronomical,

climatological and oceanographic data for non-DOD activities, including foreign naval vessels; upper-air soundings for the National Weather Service; and aviation weather support for elements of the U.S. Coast Guard, the Drug Enforcement Agency and civilian-operated aircraft under contract to the U.S. Air Force's Air Mobility Command.

NAVLANTMETOC DET Cecil Field FL provides aviation weather forecasting and other METOC services to foreign military aircraft while they are conducting exercises or operations from NAS Cecil Field.

NAVTRAMETOC DET Corpus Christi TX provides aviation weather forecasting for elements of the U.S. Coast Guard, the U.S. Customs Service, and the Corpus Christi Army Depot.

NAVTRAMETOC DET Kingsville TX provides monthly climatological data to the following agencies: District Conservationist, Kingsville; Kingsville Independent School District; Texas A&M University, Kingsville; and U.S. Department of Agriculture, South Texas Division.

NAVTRAMETOC DET Memphis TN provides daily precipitation and weather forecasts to two local U.S. Coast Guard units.

NAVTRAMETOC DET Meridian MS provides annual hurricane season briefs for the public over a commercial radio station.

NAVTRAMETOC DET New Orleans LA provides aviation weather forecasting and assistance on other meteorological and oceanographic matters to U.S. Customs Service and U.S. Coast Guard activities located at NAS New Orleans.

NAVTRAMETOC DET Whiting Field FL provides aviation weather forecasting for U.S. Customs Service elements conducting drug interdiction flights.

NAVLANTMETOC DET Roosevelt Roads PR provides rainfall measurements to the National Weather Service; aviation weather forecasting for U.S. Coast Guard Station, Borinquen, PR; forecasts for the Navy's Puerto Rican operations area (OPAREA) to units of foreign navies and to the U.S. Coast Guard, Greater Antilles Section, San Juan, PR; area forecasts and Caribbean weather observations to the U.S. Customs Service; and aviation weather forecasting for elements of foreign air forces.

All activities are active in community support, including tours of their facilities and presentations to local school and youth groups about meteorology and oceanography, participation in science fairs, and briefings to local clubs and organizations.

5. List all **inter-service support agreements (ISSAs)** that involve supporting military (non-DON) and civilian activities.

**Table 5.1 Non-DON Support Agreements**

Agency/ Service	Tenant name	Tenant UIC/ DODAAC	Description of Support Role	Degree of support
U.S. Air Force	125th Fighter Squadron, Florida Air National Guard	Unknown	Warnings, aviation forecasts	24 hrs/day
U.S. Army	Headquarters, Camp Blanding Training Site, Florida Army National Guard	W7Q6AA	Warnings, aviation forecasts	24 hrs/day
U.S. Air Force	Grumman - St. Augustine Corp. (GSAC)	000637	Warnings, aviation forecasts	24 hrs/day
U.S. Air Force	Det 3, SE Air Defense Sector Cudjoe Key, FL	47000SS/ FB4	Warnings & forecasts	24 hrs/day
U.S. Army	Army Aviation Support Facility Command, Craig Field, FL	W32RRY	Aviation forecasts	12 hrs/day
U.S. Coast Guard	U.S. Coast Guard, New Orleans, LA	0820250	General METOC forecasts/liason	12 hrs/day
U.S. Customs Service	U.S. Customs Service, New Orleans, LA	207245	General METOC forecasts/liason	12 hrs/day
DoD	Commander, Special Operations Command, Atlantic	63184	METOC planning and staff support; personnel augmentation as required	24 hrs/day

**Personnel Support Facilities**

**6.a.** In the following table, indicate the available space (SF), individual workstation (PN), and condition for each facility **designated or used for administrative purposes**.

Not Applicable. Our facility is a Meteorology/Oceanography Building, code 137-10. The 26,700 square feet of floor space are adequate.

**Table 6.1 Administrative Support Spaces**

Building Type	NAVFAC (P-80) category code	Adequate		Substandard		Inadequate		Total	
		SF	PN	SF	PN	SF	PN	SF	PN
Administrative office	610-10								
ADP installations	610-20								
Legal services	610-40								
Admin storage	610-77		NA		NA		NA		NA
Underground administrative office	620-10								
Underground ADP installation	620-20								
Underground admin storage	620-77		NA		NA		NA		NA

**6.b.** For all facilities that were classified as inadequate in the preceding table, identify the type of facility and describe why the facility is inadequate; indicate how the facility is being used and list other possible uses; and specify the costs to remove the deficiencies that make it inadequate (do not be concerned with the economic justification for these costs). Indicate current plans to remove these deficiencies and the amount of any programmed funds.

Not Applicable.

7. Describe any **administrative support facility limitations**. Describe the potential for expansion of the services that personnel support facilities provide.

None

### **Operational Suitability**

8.a. List the features of this station, base, or facility that make it a **candidate for basing other units in the future**.

Building U-117 is not a candidate for basing other units.

8.b. List the features of this station, base, or facility that **inhibit the basing of other units**.

Lack of space in Building U-117.

9.a. Are there any **assets in the vicinity** of the station, base, or facility that are currently not used because of a deficiency or O&M,N funding shortages but **could be improved to enhance the station's contingency or mobilization capabilities**? Provide details.

No known assets available.

9.b. Describe the size, composition and support provided to any **reserve units** that train at your installation. Describe the size, composition and support provided by those reserve units.

NAVLANTMETOCCEN's active-duty operations watch and aviation forecasting teams provide on-the-job training for Reservists during Active Duty for Training (AD) periods and drill weekends. One first class petty officer, a Training and Administration of the Reserves (TAR) AG1 attached to NAVLANTMETOCCEN, also provides training and carries approximately 80% of the Reserve unit's administrative workload, enabling Reservists to obtain maximum benefit from training time.

Naval Meteorology and Oceanography Reserve Activity (NMORA) 2186 consists of 12 officers and 23 enlisted Selected Reservists. This unit augments NAVLANTMETOCCEN and CINCLANTFLT, providing forecasting services and administrative support for METOC and Mapping, Charting and Geodesy (MC&G) matters.

10. **Does the infrastructure** meet current requirements and provide capabilities for future expansion or change in mission? Provide details.

Yes; NAVLANTMETOCCEN has no known potential (or need) for expansion.

11.a. In the table provide the percent of time operations are precluded due to weather. Add any further descriptions on how **weather** generally **impacts base operations** (high winds, below freezing, high temperature, or snow, fog, or other visibility restricting conditions, etc.)

**Table 11.1 Operational Weather Impact**

	% outage CY 1990	% outage CY 1991	% outage CY 1992	% outage CY 1993
JAN				
FEB				
MAR				
APR				
MAY				
JUN				
JUL				
AUG				
SEP				
OCT				
NOV				
DEC				

**Remarks:**

Weather impact on base operations at NAS Norfolk is minimal. In the memory of the personnel assigned at Base Operations, the field has never been closed. Thunderstorms in the area do preclude fueling operations, and may require parked aircraft to be tied down for the duration of the storm, but flight operations continue. Likewise, fog may impact operations to the extent of requiring VFR aircraft to divert, but the field remains open. Occasional occurrences of frozen precipitation in the winter may briefly hamper operations, but this seldom happens in the Norfolk area. In general, Norfolk is very favorable for flight operations.

**11.b** What percentage of the time (on average, by month) does the local weather affect maintenance operations? Use the chart below and add any further descriptions on how **weather** generally **impacts base maintenance evolutions** (high winds, below freezing, high temperature, or snow, fog, or other visibility restricting conditions).

**Table 11.2 Maintenance Weather Impact**

	Inches of Rain/Snow			Days under 40°F			% maint. days cancelled due to low or high temperatures or precipitation@		
	CY 1991	CY 1992	CY 1993	CY 1991	CY 1992	CY 1993	CY 1991	CY 1992	CY 1993
JAN	3.69	4.94	5.24	21	21	16			
FEB	0.93*	2.24	1.92	17	15	27			
MAR	4.23	2.25	5.67	11	16	15			
APR	6.28#	1.77	3.38	2	4	0			
MAY	1.05	3.03	3.52	0	0	0			
JUN	2.29	2.36	3.04	0	0	0			
JUL	7.21	4.10	0.54*	0	0	0			
AUG	4.11	12.85#	2.37	0	0	0			
SEP	2.45	1.89	3.88	0	0	0			
OCT	4.74	2.85	3.36	0	0	0			
NOV	2.27	4.14	1.01	9	7	8			
DEC	1.72	3.12	3.41	20	16	21			

Remarks: \* Record low

# Record high

@ The percentage of maintenance cancelled due to adverse weather is negligible (less than 1%). Maintenance operations are scheduled for favorable weather, based on climatology and NAVLANTMETOCEN forecasts. Low temperatures or precipitation infrequently cause postponements, but the maintenance can usually be rescheduled within a week.

**11.c. Describe any unique training opportunities afforded by the local climate or geography.**

The NAS Norfolk climate is generally mild year round, as the result of its geographic location and proximity to the Gulf Stream. However, sufficient seasonal variation in the local weather affords and opportunity for training in all types of flying conditions. Hot, humid summers allow for training near thunderstorms, in low-density air masses, and in near-tropical maritime conditions. Winter extremes produce extended IFR conditions (ceiling and visibility), as well as the opportunity to experience icing, turbulence, and cold weather operations.

Proximity to other Army, Air Force and Marine Corps bases offers excellent opportunities for joint training. The ships based at Naval Station Norfolk, which is adjacent to NAS Norfolk, are always available for the training of fixed and rotary wing aircrews. An extensive system of natural and man-made waterways, bays, and other protected waters provides training opportunities for rotary wing mine countermeasures, amphibious and small boat operations, and littoral combat maneuvers.

**Quality of Life**

**12. Military Housing**

Questions regarding military housing are deferred to Navy Public Works Center, Norfolk, VA (UIC 00187). Point of contact is Ms. Betty Bates, (804) 444-2850.

a. Family Housing:

(1) Do you have mandatory assignment to on-base housing? (circle) yes  **no**

(2) For military family housing in your locale provide the following information:

Type of Quarters	Number of Bedrooms	Total number of units	Number Adequate	Number Substandard	Number Inadequate
Officer	4+				
Officer	3				
Officer	1 or 2				
Enlisted	4+				
Enlisted	3				
Enlisted	1 or 2				
Mobile Homes					
Mobile Home lots					

(3) In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information:

Facility type/code:

What makes it inadequate?

What use is being made of the facility?

What is the cost to upgrade the facility to substandard?

What other use could be made of the facility and at what cost?

Current improvement plans and programmed funding:

Has this facility condition resulted in C3 or C4 designation on your BASEREP?

12.a.(4) Complete the following table for the military housing waiting list.

Pay Grade	Number of Bedrooms	Number on List <sup>1</sup>	Average Wait
O-6/7/8/9	1		
	2		
	3		
	4+		
O-4/5	1		
	2		
	3		
	4+		
O-1/2/3/CWO	1		
	2		
	3		
	4+		
E7-E9	1		
	2		
	3		
	4+		
E1-E6	1		
	2		
	3		
	4+		

**12.a.(5)** What do you consider to be the top five factors driving the demand for base housing? Does it vary by grade category? If so provide details.

Top Five Factors Driving the Demand for Base Housing	
1	
2	
3	
4	
5	

(6) What percent of your family housing units have all the amenities required by "The Facility Planning & Design Guide" (Military Handbook 1190 & Military Handbook 1035-Family Housing)?

(7) Provide the utilization rate for family housing for FY 1993.

Type of Quarters	Utilization Rate
Adequate	
Substandard	
Inadequate	

(8) As of 31 March 1994, have you experienced much of a change since FY 1993? If so, why? If occupancy is under 98% ( or vacancy over 2%), is there a reason?

**12.b. BEQ:**

(1) Provide the utilization rate for BEQs for FY 1993.

Type of Quarters	Utilization Rate
Adequate	
Substandard	
Inadequate	

(2) As of 31 March 1994, have you experienced much of a change since FY 1993? If so, why? If occupancy is under 95% (or vacancy over 5%), is there a reason?

(3) Calculate the Average on Board (AOB) for geographic bachelors as follows:

$$\text{AOB} = \frac{\text{\# Geographic Bachelors} \times \text{average number of days in barracks}}{365}$$

(4) Indicate in the following chart the percentage of geographic bachelors (GB) by category of reasons for family separation. Provide comments as necessary.

Reason for Separation from Family	Number of GB	Percent of GB	Comments
Family Commitments (children in school, financial, etc.)			
Spouse Employment (non-military)			
Other			
<b>TOTAL</b>		100	

(5) How many geographic bachelors do not live on base?

12.c. BOQ:

(1) Provide the utilization rate for BOQs for FY 1993.

Type of Quarters	Utilization Rate
Adequate	
Substandard	
Inadequate	

(2) As of 31 March 1994, have you experienced much of a change since FY 1993? If so, why? If occupancy is under 95% (or vacancy over 5%), is there a reason?

(3) Calculate the Average on Board (AOB) for geographic bachelors as follows:

$$AOB = \frac{(\# \text{ Geographic Bachelors} \times \text{average number of days in barracks})}{365}$$

(4) Indicate in the following chart the percentage of geographic bachelors (GB) by category of reasons for family separation. Provide comments as necessary.

Reason for Separation from Family	Number of GB	Percent of GB	Comments
Family Commitments (children in school, financial, etc.)			
Spouse Employment (non-military)			
Other			
<b>TOTAL</b>		100	

(5) How many geographic bachelors do not live on base?

**On Base MWR Facilities**

MWR questions (13 - 16) are deferred to Naval Station, Norfolk, VA (UIC 62688).

13. For on-base MWR facilities<sup>1</sup> available, complete the following table for each separate location. For off-base government owned or leased recreation facilities indicate distance from base. If there are any facilities not listed, include them at the bottom of the table.

**LOCATION** \_\_\_\_\_ **DISTANCE** \_\_\_\_\_

Facility	Unit of Measure	Total	Profitable (Y,N,N/A)
Auto Hobby	Indoor Bays		
	Outdoor Bays		
Arts/Crafts	SF		
Wood Hobby	SF		
Bowling	Lanes		
Enlisted Club	SF		
Officer's Club	SF		
Library	SF		
Library	Books		
Theater	Seats		
ITT	SF		
Museum/Memorial	SF		
Pool (indoor)	Lanes		
Pool (outdoor)	Lanes		
Beach	LF		
Swimming Ponds	Each		
Tennis CT	Each		

<sup>1</sup>Spaces designated for a particular use. A single building might contain several facilities, each of which should be listed separately.

Facility	Unit of Measure	Total	Profitable (Y,N,N/A)
Volleyball CT (outdoor)	Each		
Basketball CT (outdoor)	Each		
Racquetball CT	Each		
Golf Course	Holes		
Driving Range	Tee Boxes		
Gymnasium	SF		
Fitness Center	SF		
Marina	Berths		
Stables	Stalls		
Softball Fld	Each		
Football Fld	Each		
Soccer Fld	Each		
Youth Center	SF		

14. Is your library part of a regional interlibrary loan program?

**15. Base Family Support Facilities and Programs**

a. Complete the following table on the availability of child care in a child care center on your base.

Age Category	Capacity (Children)	SF			Number on Wait List	Average Wait (Days)
		Adequate	Substandard	Inadequate		
0-6 Mos						
6-12 Mos						
12-24 Mos						
24-36 Mos						
3-5 Yrs						

b. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

Facility type/code:

What makes it inadequate?

What use is being made of the facility?

What is the cost to upgrade the facility to substandard?

What other use could be made of the facility and at what cost?

Current improvement plans and programmed funding:

Has this facility condition resulted in C3 or C4 designation on your BASEREP?

c. If you have a waiting list, describe what programs or facilities other than those sponsored by your command are available to accommodate those on the list.

d. How many "certified home care providers" are registered at your base?

e. Are there other military child care facilities within 30 minutes of the base? State owner and capacity (i.e., 60 children, 0-5 yrs).

16. Complete the following table for services available on your base. If you have any services not listed, include them at the bottom.

Service	Unit of Measure	Qty
Exchange	SF	
Gas Station	SF	
Auto Repair	SF	
Auto Parts Store	SF	
Commissary	SF	
Mini-Mart	SF	
Package Store	SF	
Fast Food Restaurants	Each	
Bank/Credit Union	Each	
Family Service Center	SF	
Laundromat	SF	
Dry Cleaners	Each	
ARC	PN	
Chapel	PN	
FSC Classrm/Auditorium	PN	

17. Proximity of closest major metropolitan areas (provide at least three):

City	Distance (Miles)
Norfolk, VA	0
Virginia Beach, VA	10
Portsmouth, VA	8

18. Standard Rate VHA Data for Cost of Living:

Paygrade	With Dependents	Without Dependents
E1		
E2		
E3		
E4		
E5		
E6		
E7		
E8		
E9		
W1		
W2		
W3		
W4		
O1E		
O2E		
O3E		
O1		
O2		
O3		
O4		
O5		

06		
07		

Completed table will be provided on 05 Jul 94.

Meteorology and Oceanography Center Military Value Data Call

UIC: 63061

18. Standard Rate VHA Data for Cost of Living:

Paygrade	With Dependents	Without Dependents
E1	127.43	71.30
E2	116.47	73.25
E3	111.42	82.10
E4	139.18	97.14
E5	155.24	108.39
E6	175.73	119.62
E7	191.50	133.03
E8	176.39	133.35
E9	165.28	125.47
W1	281.03	213.43
W2	247.26	193.94
W3	240.16	195.22
W4	176.30	156.31
O1E	306.00	226.98
O2E	251.41	200.45
O3E	238.87	202.08
O1	181.59	133.81
O2	186.47	145.75
O3	228.14	192.08
O4	205.30	178.53

OPTIONAL FORM 99 (7-90)

**FAX TRANSMITTAL**

To: CAIMOC # of pages: 2

From: NLMOC

Dirct / Agency: CDR GARRETT

Phone: 564-2436

Fax #: 485-5790

NSN 7540-01-317-7885

5010-101

GENERAL SERVICES ADMINISTRATION

Meteorology and Oceanography Center Military Value Data Call

UIC: 63061

O5	222.77	184.23
O6	228.47	189.11
O7	158.54	128.81

**19.a. Off-base housing rental and purchase**

Housing questions for the region are deferred to Naval Base, Norfolk, VA (UIC 61463). Point of contact is Mr. Mike Slater, (804) 444-2871.

a. Fill in the following table for average rental costs in the area for the period 1 April 1993 through 31 March 1994.

Type Rental	Average Monthly Rent		Average Monthly Utilities Cost
	Annual High	Annual Low	
Efficiency			
Apartment (1-2 Bedroom)			
Apartment (3+ Bedroom)			
Single Family Home (3 Bedroom)			
Single Family Home (4+ Bedroom)			
Town House (2 Bedroom)			
Town House (3+ Bedroom)			
Condominium (2 Bedroom)			
Condominium (3+ Bedroom)			

19.b. What was the rental occupancy rate in the community as of 31 March 1994?

Type Rental	Percent Occupancy Rate
Efficiency	
Apartment (1-2 Bedroom)	
Apartment (3+ Bedroom)	
Single Family Home (3 Bedroom)	
Single Family Home (4+ Bedroom)	
Town House (2 Bedroom)	
Town House (3+ Bedroom)	
Condominium (2 Bedroom)	
Condominium (3+ Bedroom)	

(c) What are the median costs for homes in the area?

Type of Home	Median Cost
Single Family Home (3 Bedroom)	
Single Family Home (4+ Bedroom)	
Town House (2 Bedroom)	
Town House (3+ Bedroom)	
Condominium (2 Bedroom)	
Condominium (3+ Bedroom)	

19.d. For calendar year 1993, from the local MLS listings provide the number of 2, 3, and 4 bedroom homes available for purchase. Use only homes for which monthly payments would be within 90 to 110 percent of the E5 BAQ and VHA for your area.

Month	Number of Bedrooms		
	2	3	4+
January			
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			

(e) Describe the principle housing cost drivers in your local area.

20. For the top five sea intensive ratings in the principle warfare community your base supports, provide the following:

Question is deferred to Naval Base, Norfolk, VA (UIC 61463). Point of contact is Mr. Mike Slater, (804) 444-2871.

Rating	Number Sea Billets in the Local Area	Number of Shore billets in the Local Area

21. Complete the following table for the average one-way commute for the five largest concentrations of military and civilian personnel living off-base.

Question is deferred to Naval Base, Norfolk, VA (UIC 61463). Point of contact is Mr. Mike Slater, (804) 444-2871.

Location	% Employees	Distance (mi)	Time(min)

**22.** Complete the tables below to indicate the civilian educational opportunities available to service members stationed at the air station (to include any outlying fields) and their dependents:

Questions 22 through 26 are deferred to Naval Base, Norfolk, VA (UIC 61463) for the region. Point of contact is Mr. Mike Slater, (804) 444-2871.

**22.a.** List the local educational institutions which offer programs available to dependent children. Indicate the school type (e.g. DODDS, private, public, parochial, etc.), grade level (e.g. pre-school, primary, secondary, etc.), what students with special needs the institution is equipped to handle, cost of enrollment, and for high schools only, the average SAT score of the class that graduated in 1993, and the number of students in that class who enrolled in college in the fall of 1994.

Institution	Type	Grade Level(s)	Special Education Available	Annual Enrollment Cost per Student	1993 Avg SAT/ACT Score	% HS Grad to Higher Educ	Source of Info

**22.b.** List the educational institutions within 30 miles which offer programs off-base available to service members and their adult dependents. Indicate the extent of their programs by placing a "Yes" or "No" in all boxes as applies.

Institution	Type Classes	Program Type(s)				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
	Day					
	Night					
	Day					
	Night					
	Day					
	Night					
	Day					
	Night					

22.c. List the educational institutions which offer programs on-base available to service members and their adult dependents. Indicate the extent of their programs by placing a "Yes" or "No" in all boxes as applies.

Institution	Type Classes	Program Type(s)				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
	Day					
	Night					
	Correspondence					
	Day					
	Night					
	Correspondence					
	Day					
	Night					
	Correspondence					
	Day					
	Night					
	Correspondence					

**23. Spousal Employment Opportunities**

Provide the following data on spousal employment opportunities.

Skill Level	Number of Military Spouses Serviced by Family Service Center Spouse Employment Assistance			Local Community Unemployment Rate
	1991	1992	1993	
Professional				
Manufacturing				
Clerical				
Service				
Other				

**24.** Do your active duty personnel have any difficulty with access to medical or dental care, in either the military or civilian health care system? Develop the why of your response.

**25.** Do your military dependents have any difficulty with access to medical or dental care, in either the military or civilian health care system? Develop the why of your response.

26. Complete the table below to indicate the crime rate for your station for the last three fiscal years. The source for case category definitions to be used in responding to this question are found in NCIS - Manual dated 23 February 1989, at Appendix A, entitled "Case Category Definitions." Note: the crimes reported in this table should include 1) all reported criminal activity which occurred on base regardless of whether the subject or the victim of that activity was assigned to or worked at the base; and 2) all reported criminal activity off base.

Crime Definitions	FY 1991	FY 1992	FY 1993
1. Arson (6A)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
2. Blackmarket (6C)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
3. Counterfeiting (6G)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			

4. Postal (6L)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			

Crime Definitions	FY 1991	FY 1992	FY 1993
5. Customs (6M)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
6. Burglary (6N)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
7. Larceny - Ordnance (6R)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
8. Larceny - Government (6S)			
Base Personnel - military			
Base Personnel - civilian			

Off Base Personnel - military			
Off Base Personnel - civilian			

Crime Definitions	FY 1991	FY 1992	FY 1993
9. Larceny - Personal (6T)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
10. Wrongful Destruction (6U)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
11. Larceny - Vehicle (6V)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
12. Bomb Threat (7B)			
Base Personnel - military			
Base Personnel - civilian			

Crime Definitions	FY 1991	FY 1992	FY 1993
13. Extortion (7E)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
14. Assault (7G)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
15. Death (7H)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
16. Kidnapping (7K)			
Base Personnel - military			
Base Personnel - civilian			

Off Base Personnel - military			
Off Base Personnel - civilian			

Crime Definitions	FY 1991	FY 1992	FY 1993
18. Narcotics (7N)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
19. Perjury (7P)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
20. Robbery (7R)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
21. Traffic Accident (7T)			
Base Personnel - military			
Base Personnel - civilian			

Off Base Personnel - military			
Off Base Personnel - civilian			

Crime Definitions	FY 1991	FY 1992	FY 1993
22. Sex Abuse - Child (8B)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
23. Indecent Assault (8D)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
24. Rape (8F)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
25. Sodomy (8G)			
Base Personnel - military			
Base Personnel - civilian			

Off Base Personnel - military			
Off Base Personnel - civilian			

BRAC-95 CERTIFICATION

Reference: SECNAV NOTE 11000 dtd 8 Dec 93

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

I certify the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

D. A. ROMAN, CAPT, USN  
NAME (Please type of print)  
Commanding Officer  
Title  
Naval Atlantic Meteorology and  
Oceanography Center, Norfolk, VA  
Activity

Donald A. Roman  
Signature  
7/1/94  
Date

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

\_\_\_\_\_  
NAME (Please type or print)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

\_\_\_\_\_  
NAME (Please type or print)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Activity

In certify that the information herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

J. E. CHUBB  
NAME (Please type or print)

  
\_\_\_\_\_  
Signature

Commander  
Title

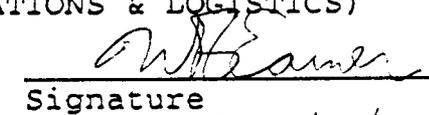
15 July 94  
Date

Naval Meteorology and Oceanography Command  
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)  
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

W. A. EARNER  
NAME (Please type of print)

  
\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

7/18/94  
Date

*This is assuming CNB NORVA logs  
Provide all data referred to them.*



83

CAPACITY ANALYSIS

DATA CALL WORK SHEET

FOR NAVAL METEOROLOGY AND OCEANOGRAPHY  
CENTERS: NAVLANTMETOCEN NORFOLK VA

PRIMARY UIC: 63061

(Insert this UIC in "Header A" on every page)

Category.....Operational Support  
Sub-category.....Ocean & Meteorological

**\*\*\*\*\*If any responses are classified, attach separate classified annex.\*\*\*\*\***

**ENCLOSURE (5)**

### Naval Meteorology and Oceanography Centers Activity Listing

Type	Title	Location
COMMANDER	COMNAVMETOCEN	STENNIS SPACE CENTER, MS
METOCEN	FLENUMMETOCEN	MONTEREY, CA
METOCEN	NAVPACMETOCEN	PEARL HARBOR, HI
METOCEN	NAVPACMETOCEN WEST	GUAM
METOCEN	NAVLANTMETOCEN	NORFOLK, VA
NAVOCEANO	NAVOCEANO	STENNIS SPACE CENTER, MS
NAVOBSY	NAVAL OBSERVATORY	WASHINGTON, DC

# Data for Capacity Analysis

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**FACILITY EQUIPMENT INFORMATION**

1. Describe the **data gathering efforts** directly controlled by your facility. Include the ship, aircraft, or satellite systems you receive data from and the general types of data received.

**Aviation Weather Parameters**

**Data gathering systems.** Human observers, AN/GMQ-29 Automatic Weather Station, ML-661/F Automatic Altimeter, marine barograph, ML 448/UM Aneroid Barometer, AN/GMQ-10 Runway Visual Range, AN/GMQ-13 Ceilometer, and AN/UMQ-5 Wind Recorder. Weather RADAR systems are the RADAR Digital Display System (RADIDS) and Next-Generation RADAR Principal User Processor (NEXRAD PUP). These National Weather Service systems display real-time weather radar information transmitted by telephone line. Our RADIDS is now being replaced by the newer NEXRAD PUP.

**Data recorded.** Hourly recorded weather observations include temperature, dew point, station pressure, sea level pressure, altimeter setting, wind speed and direction, visibility, any obstructions to visibility, and sky conditions in terms of height of base of each cloud layer, and its character (scattered, broken, or overcast). We take special and station local observations, as required, in the event of significant changes in weather conditions or aircraft incidents. Also recorded are 6-hourly and total 24-hour rainfall/snowfall in inches, 24-hour minimum/maximum temperature, 24-hour peak winds (speed, direction, time), density altitude and pressure altitude, and relative humidity.

**Pilot Reports.** PIREPS are voice radio reports from pilots to aviation forecasters of weather conditions (lightning, precipitation, wind shear, visibility) encountered during flight. These reports can be a significant aid in improving forecast accuracy.

**Data from Meteorological Satellites.** Imagery from meteorological satellites is used to establish the location, extent, and movement of significant meteorological features (fronts, tropical storms, fog, etc.); to determine the severity of associated weather (cloud heights, convective cells); to verify previous forecasts; and to locate significant oceanic features, such as the Gulf Stream. The imagery is also a part of virtually every product and service provided by this command, especially the daily briefs given to senior staffs (CINCLANTFLT). Data gathering systems include:

**AN/SMQ-11 Meteorological Data Receiver-Recorder** downlinks data from the following meteorological satellites: the National Oceanic and Atmospheric Administration (NOAA) TIROS low-altitude polar orbiters, the Defense Meteorological Satellite Program (DMSP) polar orbiters, and the French-owned geostationary METEOSAT (low-resolution). All images are available in both infrared (IR) and visible wavelengths.

**Naval Satellite Display System--Geostationary (NSDS-G)** downlinks high-resolution METEOSAT imagery (IR and visible).

2. List the **major computer systems** available at your command and provide the indicated supporting data. For time used and maintenance, provide the percentage of time the computer is used for prediction/forecasting, model development/validation, product development or other uses, or is in a maintenance status. If any of the use is for other than DoD, indicate the percentage of DoD and Non-DoD usage .

Model/Type	In Service Date	FY 1991		FY 1992		FY 1993	
		Time Used	Maint.	Time Used	Maint.	Time Used	Maint.
LAN <sup>1</sup>	1990	95	5	95	5	95	5
LAN <sup>2</sup>	1991	95	5	95	5	95	5
AN/UMQ-3 <sup>3</sup>	1992	90	10	90	10	90	10
Concurrent Corp 6655 <sup>4</sup>	1991	95	5	95	5	95	5
AN/SMQ-11 <sup>5</sup>	1990	95	5	95	5	95	5
HP700 <sup>6</sup>	1994	90	10	90	10	90	10
AN/FMC-1 <sup>7</sup>	1977	90	10	90	10	90	10

<sup>1</sup>Classified LAN - Lantastic/DOS-based software. Primary use is drafting/transmitting/receiving/distributing naval message traffic.

<sup>2</sup>Unclassified LAN - AT&T 3B2/UNIX-based. Primary uses are administration and support.

<sup>3</sup>AN/UMK-3. Tactical Environmental Support System Version 3/Naval Oceanographic Data Support System (TESS 3/NODDES). Used to receive meteorological and oceanographic data, generate predictions and forecasts, and transmit them to external customers.

<sup>4</sup>Concurrent Corp. 6655 - PC based Naval Satellite Display Station - Geostationary (NSDS-G). Used to display imagery from NOAA meteorological satellites.

<sup>5</sup>AN/SMQ-11 - Meteorological Data Receiver-Recorder Set. Receives, processes and records imagery from DoD and civilian meteorological satellites.

<sup>6</sup>HP700 - Joint Operational Tactical System II/Unified Build (JOTS II/UB). Navy-wide C41 system. We provide METOC information for the Atlantic Fleet area of responsibility (AOR) for dissemination to operating forces via JOTS II/UB.

<sup>7</sup>AN/FMC-1 - Naval Environmental Display System (NEDS). Received and displayed computer-generated products from FLENUMMETOCEN Monterey CA. Replaced by TESS 3/NODDES in 1993.

3. Provide the percentage of **time your major computers were used** for the tasks indicated. Fill out a table for each major computer.

Computer Model/Type Classified LAN - Lantastic/DOS-based

Computer Use	FY 1991			FY 1992			FY 1993		
	Navy Use	Other DoD Use	Non DoD Use	Navy Use	Other DoD Use	Non DoD Use	Navy Use	Other DoD Use	Non DoD Use
Model Development									
Model Validation									
Prediction/Forecast Generation									
Product Development <sup>1</sup>									
Other - Admin & Communications	95			95			95		
Maintenance	5			5			5		

<sup>1</sup> Product Development includes any publications, tactical memos, etc., designed for educational, operational or training distribution.

Computer Model/Type Unclassified LAN - AT&T 3B2/UNIX-based

Computer Use	FY 1991			FY 1992			FY 1993		
	Navy Use	Other DoD Use	Non DoD Use	Navy Use	Other DoD Use	Non DoD Use	Navy Use	Other DoD Use	Non DoD Use
Model Development									
Model Validation									
Prediction/Forecast Generation									
Product Development <sup>1</sup>									
Other - Admin & Communications	95			95			95		
Maintenance	5			5			5		

<sup>1</sup> Product Development includes any publications, tactical memos, etc., designed for educational, operational or training distribution.

Computer Model/Type AN/UMK-3 TESS 3 NODDES

Computer Use	FY 1991			FY 1992			FY 1993		
	Navy Use	Other DoD Use	Non DoD Use	Navy Use	Other DoD Use	Non DoD Use	Navy Use	Other DoD Use	Non DoD Use
Model Development									
Model Validation									
Prediction/Forecast Generation	90			90			90		
Product Development <sup>1</sup>									
Other - Maintenance	10			10			10		

<sup>1</sup> Product Development includes any publications, tactical memos, etc., designed for educational, operational or training distribution.

Computer Model/Type Concurrent Corp. 6655 NSDS-G

Computer Use	FY 1991			FY 1992			FY 1993		
	Navy Use	Other DoD Use	Non DoD Use	Navy Use	Other DoD Use	Non DoD Use	Navy Use	Other DoD Use	Non DoD Use
Model Development									
Model Validation									
Prediction/Forecast Generation	90			90			90		
Product Development <sup>1</sup>									
Other - Maintenance	10			10			10		

<sup>1</sup> Product Development includes any publications, tactical memos, etc., designed for educational, operational or training distribution.

Computer Model/Type AN/SMQ-11

Computer Use	FY 1991			FY 1992			FY 1993		
	Navy Use	Other DoD Use	Non DoD Use	Navy Use	Other DoD Use	Non DoD Use	Navy Use	Other DoD Use	Non DoD Use
Model Development									
Model Validation									
Prediction/Forecast Generation	95			95			95		
Product Development <sup>1</sup>									
Other - Maintenance	5			5			5		

<sup>1</sup> Product Development includes any publications, tactical memos, etc., designed for educational, operational or training distribution.

Computer Model/Type HP 700 JOTS II/UB

Computer Use	FY 1991			FY 1992			FY 1993		
	Navy Use	Other DoD Use	Non DoD Use	Navy Use	Other DoD Use	Non DoD Use	Navy Use	Other DoD Use	Non DoD Use
Model Development									
Model Validation									
Prediction/Forecast Generation									
Product Development <sup>1</sup>									
Other - Communications	98			98			98		
Maintenance	2			2			2		

<sup>1</sup> Product Development includes any publications, tactical memos, etc., designed for educational, operational or training distribution.

Computer Model/Type AN/FMC-1 NEDS

Computer Use	FY 1991			FY 1992			FY 1993		
	Navy Use	Other DoD Use	Non DoD Use	Navy Use	Other DoD Use	Non DoD Use	Navy Use	Other DoD Use	Non DoD Use
Model Development									
Model Validation									
Prediction/Forecast Generation	90			90			90		
Product Development <sup>1</sup>									
Other - Maintenance	10			10			10		

<sup>1</sup> Product Development includes any publications, tactical memos, etc., designed for educational, operational or training distribution.

4. Complete the below table by entering the **work-years of effort** for each work effort by category shown below:

1. Civilian management/supervisory in work-years
2. Civilian direct labor in work-years
3. Active duty military in work-years
4. Reserve military in work-years
5. Temps in work-years

NAVLANTMETOCEN (UIC 63061)

WORK-YEARS OF EFFORT (HISTORIC/PROJECTED REQMT)

TYPE OF WORK		FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	FY *
Data Collection	1								
	2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
	3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
	4	0.4	1.1	0.7	0.6	0.6	0.6	0.6	
	5								
Computer Operation and Maintenance	1	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
	2	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
	3	5.4	5.4	5.4	6.4	6.4	6.4	6.4	
	4								
	5								
Model Development	1								

	2							
	3							
	4							
	5							
Model Validation	1							
	2							
	3							
	4							
	5							

\*If maximum number of work-years historically is not reflected in the fiscal years represented above (FY 1989-2001), complete this column with that data and indicate the fiscal year it represents.

NAVLANTMETOCEN (UIC 63061)

TYPE OF WORK		FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	FY *
Prediction/ Forecast Generation and Distribution	1	1.0	1.0	2.0	2.0	2.0	2.0	2.0	
	2	5.0	5.0	5.0	5.0	5.0	5.0	5.0	
	3	48.0	48.0	48.0	48.0	49.0	49.0	49.0	
	4								
	5								
Product Development	1	1.0	1.0	0	0	0	0	0	
	2	1.0	0	0	0	0	0	0	
	3								
	4								
	5								
Admin & Support	1	6.2	6.2	6.2	6.2	6.2	6.2	6.2	
	2	8.3	9.3	9.3	9.3	9.3	9.3	9.3	
	3	23.0	22.0	23.5	24.5	24.5	24.5	24.5	

	4							
	5							
Product Distribution	1							
	2							
	3							
	4							
	5							
Other <sup>1</sup>	1	0.1	0.1	0.1	0.1	0.1	0.1	
	2	2.0	2.0	2.0	2.0	2.0	2.0	
	3	6.5	6.5	6.5	6.5	6.5	6.5	
	4							
	5							

<sup>1</sup>If maximum number of work-years/days historically is not reflected in the fiscal years represented above (FY 1989-2001), complete this column with that data and indicate the fiscal year it represents.

<sup>1</sup>If "Other" filled out, describe what it is.

"Other" includes operation and maintenance of meteorological and oceanographic equipment and support systems other than computers (See Question 8); liaison with Atlantic Fleet commands and direct meteorological/oceanographic support to Navy, DoD, NATO and Allied commands.

Active-duty military totals include approximately 2 work-years during each fiscal year for personnel assigned to this command in a limited duty (LIMDU) status.

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MET NORFOLK (UIC 35701)

\*THIS TABLE IS INCLUDED FOR MET NORFOLK BECAUSE THE MOBILE TEAM, WHILE OFFICIALLY A SEPARATE COMMAND, WORKS SO CLOSELY WITH NAVLANTMETOCEN AS TO BE CONSIDERED A DEPARTMENT OF THIS COMMAND.

WORK-YEARS OF EFFORT (HISTORIC/PROJECTED REQMT)

TYPE OF WORK		FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	FY
DATA COLLECTION	1								
	2								
	3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	
	4								
	5								
COMPUTER OPERATION AND MAINTENANCE	1								
	2								
	3								
	4								
	5								
MODEL DEVELOPMENT	1								
	2								
	3								
	4								

	5								
MODEL VALIDATION	1								
	2								
	3								
	4								
	5								

IF MAXIMUM NUMBER OF WORK-YEARS HISTORICALLY IS NOT REFLECTED IN THE FISCAL YEARS REPRESENTED ABOVE (FY 1989-2001), COMPLETE THIS COLUMN WITH THAT DATA AND INDICATE THE FISCAL YEAR IT REPRESENTS.

MET NORFOLK (UIC 35701)

TYPE OF WORK		FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	FY *
Prediction Forecast Generation and Distribution	1								
	2								
	3	14.5	14.5	14.5	14.5	14.5	14.5	14.5	
	4								
	5								
Product Development	1								
	2								
	3								
	4								
	5								
Admin & Support	1								
	2								
	3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	
	4								

	5								
Product Distribution	1								
	2								
	3								
	4								
	5								
Other	1								
	2								
	3	10.5	11.5	11.5	11.5	11.5	11.5	11.5	
	4								
	5								

\*If maximum number of work-years/days historically is not reflected in the fiscal years represented above (FY 1989-2001), complete this column with that data and indicate the fiscal year it represents.

†If "Other" filled out, describe what it is.

"Other" includes on-scene support to deployed Navy and Joint warfare commanders, at sea or in the field, for special operations, independent trans-oceanic crossings, and Navy R&D activities. Also includes meteorological and oceanographic training for Atlantic Fleet personnel and augmentation of NAVMETOCCOM activities.

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5. Provide the **required space** in square feet for each of the types of functions performed at your facility. Also include all other spaces required and annotate in the remarks section the primary use of the space.

Table 5.1

CAT CODE	Space Requirement	FY 1989	FY 1991	FY 1993	FY 1994	FY 1995	FY 1997	FY 1999	FY 2001
610-xx	Computer Area								
610-xx									
610-xx									
610-xx									
610-xx									
610-xx	Other Admin Spaces								
137-10	Meteorology/ Oceanography Building	21700	26700	26700	26700	26700	26700	26700	26700
<b>TOTAL</b>		<b>21700</b>	<b>26700</b>						

Remarks:

**SPECIAL FEATURES AND SERVICES**

6. For all **operational reports transmitted** from your facility, list the primary and any backup outgoing data routes and their destination points.

NAVLANTMETOCEN uses the following routes for outgoing meteorological and oceanographic (METOC) data, forecasts and products. Most can be used for incoming information as well:

Naval Messages (AUTODIN). This is the means by which the majority of our products are sent to our customers. About 75 messages per day are transmitted to literally hundreds of customers. NAVLANTMETOCEN's message traffic is handled through a classified Local Area Network (LAN) linked to the Personal Computer Message Terminal (PCMT)/GATEGUARD at our collocated Naval Telecommunications Center. Backup is hand-delivery of message traffic on diskette.

Telephone. For operational as well as administrative use, including dissemination of weather warnings, recorded forecasts, briefings and other information. Service available includes commercial local area and long distance and Defense Switched Network (DSN) voice service. Secure telephone communications (STU-III and STEL) are also available. Commercial INMARSAT (maritime satellite) capability enables us to communicate easily with ships at sea.

Facsimile. For transmission of graphics and text via telephone. NAVLANTMETOCEN has both unclassified and secure fax capability. Often used to send our graphical products, especially in response to specific customer requests, such as climatology. Heavily used by Energy Conservation Program personnel.

Tactical Environmental Support System Version 3/Naval Oceanographic Data Distribution and Expansion System (TESS(3)/NODDES). NAVLANTMETOCEN's TESS(3) is a communications node through which global gridded data is transmitted to TESS(3)-equipped ships in the CINCLANTFLT AOR. We can support ships in the Mediterranean and Indian Ocean as well. The NODDES portion of the system will provide similar support to our shore-based subordinates.

Naval Oceanographic Data Display System (NODDS). PC-based, dial-in modem access to FLENUMMETOCEN Monterey, CA, for numerical and graphic products generated by the mainframe computers there. NAVLANTMETOCEN and subordinates have the capability.

LMHA/LMHB Broadcast. Continuous encrypted 75 baud radioteletype (RTT) transmission of alphanumeric data via the Fleet Multi-Channel Broadcast.

Navy Facsimile (NFAX) HF Marine Broadcast. Unencrypted continuous transmission of various forecast guidance products via the Navy high-frequency (HF) radio broadcast to ships at sea.

Joint METOC Data System (JMEDS). PC-based, dial-in classified system that provides NAVLANTMETOCEN's forecasts and graphic products, satellite imagery, messages, and NODDS fields to specified customers.

Autopolling Fax. Very popular PC-based system that allows subscribers to dial in for any NAVLANTMETOCEN product posted on the system. Used daily by approximately 50-60 customers to download hundreds of products.

AN/GMQ-27 Weathervision. Closed-circuit video link providing continuous updates of weather conditions to the air traffic control tower and aviation squadrons at NAS Norfolk. Our subordinate activities also have this system or one of a variety of similar TV systems, tailored to their host activities' requirements. No backup.

Joint Operational Tactical System Version II/Unified Build (JOTS II/UB). NAVLANTMETOCCEN's JOTS II/UB terminal is an access node through which we provide environmental overlays of high winds/seas, oceanic features (fronts and eddies), ice edge, tropical storms, and special products (North Wall advisories, special OPAREA forecast graphics) to CINCLANTFLT for transmission to all JOTS-equipped units.

Automated Weather Network (AWN)/Continental U.S. Meteorological Data System (COMEDS) Meteorological Workstation (CMW). The AWN is a U.S. Air Force system for two-way transmission of METOC data. The CMW is a PC-based terminal that provides access to the AWN. NAVLANTMETOCCEN and our subordinate activities transmit and receive weather observations, Terminal Aerodrome Forecasts (TAFs), PIREPS and other METOC data via the AWN. No backup.

Digital Facsimile (DIFAX). Satellite feed of graphical weather information from the National Weather Service's National Meteorology Center, Suitland, MD. Backup is NODDS.

Optimum Path Aircraft Routing System (OPARS). PC-based, dial-in system linking NAVMETOCCOM activities to FLENUMMETOCCEN Monterey CA. Allows activities to access mainframe computers for computer-generated flight plans. No backup.

Unclassified Local Area Network (LAN). Although primarily used for administration and support, the unclassified LAN can send E-mail throughout the command, the NAVMETOCCOM claimancy, and the world via the Defense Data Network. Users can easily access the system by modem from any location.

Official mail. For delivery of material or information which is not time-sensitive (e.g., climatological data).

Personal delivery. Briefings, hand-delivery of hard-copy information, liaison visits, etc.

7. List all **other services** provided by your facility which were not captured by the above questions, include the unit of measure. (e.g. daily message processing, data processing, etc.)

NAVLANTMETOCEN exercises command and control over all Navy METOC activities in the Atlantic theater. We provide administrative, budgetary and resource management support to 28 subordinate activities. These functions are accounted for in the "Admin & Support" category under Question 4.

The Energy Conservation Program (ECP) grew out of long-range forecasting techniques and standard operating procedures developed by NAVLANTMETOCEN's senior civilian meteorologist over a period of years (see the "Product Development" category under Question 4). Ten-day forecasts are provided to help shore activities determine when to turn steam heat off with the approach of warm weather and when to turn it on for cold weather. Thirty-day forecasts help customers take advantage of spot-market prices for natural gas. Officially established in 1993 with a customer base of 39 activities, the program is expected to expand DOD-wide with as many as 500 customers by FY2001. This service is accounted for in the "Prediction/Forecast Generation" category under Question 4.

NAVLANTMETOCEN's Equipment Support Department operates and maintains much more than computers. See Table 7.1.

Table 7.1

SERVICES PROVIDED	UNITS	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	FY *
Repair Facsimile recorders	Each	110	115	120	125	130	135	140	
Repair/maintain NSDS-G	Work-hours	300	300	300	300	300	300	300	
Repair/maintain SMQ-11	Work-hours	N/A	500	500	500	500	500	500	
Repair/maintain NEXRAD PUP	Work-hours	N/A	N/A	N/A	500	500	500	500	
Calibrate parameters for Atlantic Fleet ships homeported in Hampton Roads	Each	80	95	100	110	125	125	125	

\*If maximum measurement unit of the service historically is not reflected in the fiscal years represented above (FY 1989-2001), complete this column with that data and indicate the fiscal year it represents.

Meteorological and Oceanography Center Capacity Analysis Data Call

UIC: 63061

8. For your facilities and each detachment subordinate to your center, complete the below table indicating the **amount of all services** provided (ie Navy, Air Force, Army, etc.). The number provided should be the historical number of **requests** for that type of information or a projection of the number of requests. Where estimations/projections are made, include the assumptions and calculations. Finally, include the current number of hours per day the service can be requested at the facility/detachment indicated.

Facility/Detachment: NAVLANTMETOCEN UIC: 63061

**Table 8.1**

Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/Day
Area/Route Forecasting	32000	38000	35600	35600	37000	37000	37000	24
Ship/Aircraft Routing	2900	3906	3600	3600	3600	3600	2600	24
Flight Forecasting	10939	10022	8719	8850	8800	8800	8800	24
Heavy Weather Warnings	280	200	170	190	190	210	230	24
Navy/Joint C4I System Support	0	4200	4200	4200	4200	4200	4200	2
Pre-Deployment Briefings	70	100	60	50	50	50	50	4
Destructive Weather Briefings	250	188	150	150	150	150	150	24
Other: Energy Conservation Program (ECP) Forecasts*	0	0	4446	10260	19950	38532	57000	12

\*The ECP officially began in 1993, with 39 customers by the end of FY 1993. The program is expected to expand to 500 customers DoD-wide by FY 2001.

Meteorological and Oceanography Center Capacity Analysis Data Call

UIC: 63061

Facility/Detachment: MET NORFOLK VA UIC: 35701

**Table 8.1**

Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/ Day
Area/Route Forecasting	1200	1200	1258	1300	1300	1300	1300	24
Ship/Aircraft Routing	0	0	0	0	0	0	0	N/A
Flight Forecasting	20	20	20	20	20	20	20	24
Heavy Weather Warnings	0	0	0	0	0	0	0	N/A
Navy/Joint C4I System Support	0	0	0	0	0	0	0	N/A
Pre-Deployment Briefings	60	60	67	75	75	75	75	8
Destructive Weather Briefings	30	30	30	30	30	30	30	8
Other: Acoustic Forecasts	390	350	300	300	260	260	260	24
Other: Refractive Forecasts	170	170	200	200	200	200	200	24
Other: Surf Forecasts	42	42	42	54	54	54	54	24

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UIC: 63061

Facility/Detachment: NLMOF BERMUDA

UIC: 65875

Table 8.1

Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/Day
Area/Route Forecasting	5900	5913	5907	N/A	N/A	N/A	N/A	24
Ship/Aircraft Routing	375	479	124	108	N/A	N/A	N/A	24
Flight Forecasting	1250	1430	412	375	N/A	N/A	N/A	24
Heavy Weather Warnings	280	270	290	160	N/A	N/A	N/A	24
Navy/Joint C4I System Support	N/A							
Pre-Deployment Briefings	N/A							
Destructive Weather Briefings	65	61	58	40	N/A	N/A	N/A	24
Other*	2200	2244	1690	856	N/A	N/A	N/A	N/A

\*INCLUDES YACHT PACKETS, SHIP PACKETS, ASW PACKETS, CIVILIAN AIRLINE FLIGHT PACKETS AND CLIMATOLOGY REQUESTS.

NAVLANTMETOCFAC Bermuda and all other U.S. Navy activities on Bermuda are scheduled to close by the end of FY95.

Meteorological and Oceanography Center Capacity Analysis Data Call

UIC: 63061

Facility/Detachment: NLMOF BRUNSWICK ME

UIC: 66458

Table 8.1

Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/Day
Area/Route Forecasting	7475	9025	8230	8240	8240	8240	8240	24
Ship/Aircraft Routing	720	662	594	535	535	535	535	24
Flight Forecasting	5124	4570	4909	4900	4900	4900	4900	24
Heavy Weather Warnings	264	289	443	332	332	332	332	24
Navy/Joint C4I System Support	0	0	0	0	0	0	0	N/A
Pre-Deployment Briefings	2	3	2	2	2	2	2	24
Destructive Weather Briefings	15	15	15	15	15	15	15	24
Other: FLIGHT PACKETS	1648	1946	1753	1579	1579	1579	1579	24

Flight forecasting projections based on decommissioning of VP-23 and increased SRF 175-1 support for U.S. Coast Guard Station Cape Cod (after Griffiss AFB closes FY 95), NAS Willow Grove and NAS South Weymouth.

Aircraft Routing (OPARS) decrease based on 10% reduction with loss of VP-23 and increase of USAF activity.

Heavy Weather Warning projections based on past averages.

Area/Route Forecasting projections based on past averages.

Flight packet projections based on 10% reduction.

Meteorological and Oceanography Center Capacity Analysis Data Call

UIC: 63061

Facility/Detachment: NLMOF JACKSONVILLE FL UIC: 62362

**Table 8.1**

Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/ Day
Area/Route Forecasting	1999	1855	1865	1900	1900	1900	1900	24
Ship/Aircraft Routing	1199	574	834	900	900	900	900	24
Flight Forecasting	14200	14113	14525	14500	14500	14500	14500	24
Heavy Weather Warnings	2183	1881	1819	1900	1900	1900	1900	24
Navy/Joint C4I System Support	0	0	0	0	0	0	0	N/A
Pre-Deployment Briefings	0	0	1	1	1	1	1	24
Destructive Weather Briefings	10	8	5	10	10	10	10	24
OTHER	0	0	0	0	0	0	0	N/A

Meteorological and Oceanography Center Capacity Analysis Data Call

UIC: 63061

Facility/Detachment: MET JACKSONVILLE FL UIC: 63075

Table 8.1

Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/ Day
Area/Route Forecasting			2132	2320	2625	2917	3194	24
Ship/Aircraft Routing			0	0	0	0	0	N/A
Flight Forecasting			4	4	8	8	12	24
Heavy Weather Warnings			0	0	0	0	0	N/A
Navy/Joint C4I System Support			0	0	0	0	0	N/A
Pre- Deployment Briefings			11	12	13	14	15	24
Destructive Weather Briefings			0	0	0	0	0	N/A
Other								
Acoustic Forecasts			266	239	239	239	239	24
Refractive Forecasts			591	531	531	531	531	24

Surf Forecasts			74	111	111	111	111	24
Search and Rescue Forecasts			8	16	24	32	32	24
Mine Counter-measures Forecasts			20	40	40	40	40	24
Weather Observations			300	300	300	300	300	24
Training			19	20	22	25	26	24

Meteorological and Oceanography Center Capacity Analysis Data Call

UIC: 63061

Facility/Detachment: NLMOD CECIL FIELD FL UIC: 65767

Table 8.1

Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/ Day
Area/Route Forecasting	1500	1500	1500	1500	1500	1500	1500	24
Ship/Aircraft Routing	180	180	200	200	200	200	200	24
Flight Forecasting (DD 175-1's)	7800	7800	8200	8200	8200	8200	8200	24
Heavy Weather Warnings	400	400	500	500	500	500	500	24
Navy/Joint C4I System Support	0	0	0	0	0	0	0	N/A
Pre-Deployment Briefings	0	0	0	0	0	0	0	N/A
Destructive Weather Briefings	0	0	0	0	0	0	0	N/A
Other: Surface Observations	9500	9650	9450	9500	9500	9500	9500	24
Other: Local 36HR Forecasts	260	260	260	260	260	260	260	24
Other: Pinecastle EW Range Forecasts	260	260	260	260	260	260	260	24

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UIC: 63061

Other: Oceano/Acoustic Packets/Briefs	500	300	115	150	150	150	150	24
Other: Weapon/Sensor Predictions (IREPS)	20	20	30	50	50	50	50	24
Other: Climatology Packets	28	28	28	30	30	30	30	8
Other: Training Briefs	5	5	10	25	25	25	25	8

Meteorological and Oceanography Center Capacity Analysis Data Call

UIC: 63061

Facility/Detachment: NLMOD CHARLESTON SC

UIC: 65877

Table 8.1

Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/Day*
Area/Route Forecasting	976	726	899	600	0	0	0	11
Ship/Aircraft Routing	0	0	0	0	0	0	0	N/A
Flight Forecasting	0	0	0	0	0	0	0	N/A
Heavy Weather Warnings	0	0	178	150	0	0	0	11
Navy/Joint C4I System Support	0	0	0	0	0	0	0	N/A
Pre-Deployment Briefings	30	85	3225	108	0	0	0	11
Destructive Weather Briefings	45	68	59	50	0	0	0	11
OTHER	0	0	0	0	0	0	0	N/A

\*Sub-regional forecasting services provided by NAVLANTMETOCFAC Jacksonville, FL during remaining hours.

NLMOD Charleston closes FY95 due to BRAC 93 decisions.

Meteorological and Oceanography Center Capacity Analysis Data Call

UIC: 63061

Facility/Detachment: NTMOD CORPUS CHRISTI TX

UIC: 65769

Table 8.1

Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/ Day
Area/Route Forecasting	2893	3118	1776	1882	1900*	1900*	1900*	24
Ship/Aircraft Routing	977	848	822	850*	875*	875*	875*	24
Flight Forecasting	12339	9752	9678	9700*	9700*	9700*	9700*	24
Heavy Weather Warnings	281	285	283	280*	280*	280*	280*	24
Navy/Joint C4I System Support	0	0	0	0	0	0	0	N/A
Pre-Deployment Briefings	0	17	4	44@	50@	50@	50@	8
Destructive Weather Briefings	14	4	2	10*	10*	10*	10*	24
Other	114#	85#	204#	150*#	150*#	150*#	150*#	24

\*Data Derived from averages from previous seven years.

@Showing increases due to continuing development of Fleet Liaison program.

#Denotes Command Briefs, pilot refresher training briefs, etc.

Meteorological and Oceanography Center Capacity Analysis Data Call

UIC: 63061

Facility/Detachment: NTMOD DALLAS TX UIC: 65770  
**Table 8.1**

Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/ Day*
Area/Route Forecasting	363	360	360	360	360	360	360	12
Ship/Aircraft Routing	144	141	150	150	150	150	150	24
Flight Forecasting	4636	3490	4682	4600	4600	4600	4600	24
Heavy Weather Warnings	150	150	156	180	180	180	180	24
Navy/Joint C4I System Support	0	0	0	0	0	0	0	N/A
Pre-Deployment Briefings	2	2	3	12	12	12	12	12
Destructive Weather Briefings	10	10	12	12	12	12	12	12
Other	0	0	0	0	0	0	0	N/A

FY95 and outyear projections are based on the relocation of this Detachment to NAS Fort Worth due to BRAC 93 decisions.

\*Sub-regional forecasting services provided by NAVTRAMETOC DET Corpus Christi, TX.

Meteorological and Oceanography Center Capacity Analysis Data Call

UIC: 63061

Facility/Detachment: NTMOD GLENVIEW IL

UIC: 68269

Table 8.1

Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/Day
Area/Route Forecasting	1440	1440	1440	0	0	0	0	24
Ship/Aircraft Routing	0	0	0	0	0	0	0	N/A
Flight Forecasting	5388	1440	5388	0	0	0	0	24
Heavy Weather Warnings	235	235	235	0	0	0	0	24
Navy/Joint C4I System Support	0	0	0	0	0	0	0	N/A
Pre-Deployment Briefings	0	0	0	0	0	0	0	N/A
Destructive Weather Briefings	20	20	20	0	0	0	0	24
OTHER	0	0	0	0	0	0	0	N/A

FY89 and FY91 data are based on estimations from FY93 data. NAS Glenview and NTMOD Glenview are scheduled to close FY95 due to BRAC 93 decisions.

Meteorological and Oceanography Center Capacity Analysis Data Call

UIC: 63061

Facility/Detachment: NLMOD GUANTANAMO BAY CU

UIC: 65591

Table 8.1

Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/Day
Area/Route Forecasting	730	730	730	730	730	730	730	24
Ship/Aircraft Routing	80	160	79	100	100	100	100	24
Flight Forecasting	800	1200	866	1200	900	900	900	24
Heavy Weather Warnings	10	10	10	12	12	12	12	24
Navy/Joint C4I System Support	0	0	0	0	0	0	0	N/A
Pre-Deployment Briefings	2	2	2	4	4	4	4	24
Destructive Weather Briefings	3	3	3	3	3	3	3	24
Other: HIGH SEAS FOR BOARDING	0	0	0	730*	730*	730*	730*	24

\*Forecasts will be issued as long as Operation Support Democracy is in effect.

Meteorological and Oceanography Center Capacity Analysis Data Call

UIC: 63061

Facility/Detachment: NLMOD KEFLAVIK IC UIC: 39379  
**Table 8.1**

Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/ Day
Area/Route Forecasting	5110	5110	5110	5110	5110	5110	5110	24
Ship/Aircraft Routing	439	597	492	500	500	500	500	24
Flight Forecasting	4446	5283	3144	3000	3000	3000	3000	24
Heavy Weather Warnings	244	257	326	280	280	280	280	24
Navy/Joint C4I System Support	20	20	20	20	20	20	20	24
Pre-Deployment Briefings	0	0	0	0	0	0	0	24
Destructive Weather Briefings	50	50	50	50	50	50	50	24
Other: Observations	2026 4	24						

Outyear estimations use the following assumptions and calculations:

Area/Route Forecasting - 14 per day, 365 days per year. This computation includes 4 TAFs, 3 HWDs, 2 SARs, 2 briefs for the 57th Fighter Squadron, 2 operational briefs and 1 miscellaneous.

Ship/Aircraft Routing and Flight Forecasting are strictly a function of transient aircraft and operational requirements. These numbers are best guess numbers based on past history. The last 3 fiscal years have seen a 7% decrease in flight forecasting. Based on this, numbers computed for outyears were rounded off to the nearest 1,000 and kept the same.

Heavy Weather Warnings - average 20 per month, dependent upon the time of year.

Navy/Joint C4I System Support - average 1 brief per day, 20 days per year in support of

joint exercises.

Destructive Weather Briefings - approximately 50 indoctrination briefs per year.

Observations: Surface - 19, 514 per year, U/A - 730. Surface observation are an approximation which is dependent upon severity of weather. U/A observations - 2 a day, 365 days a year; an additional 20 balloons are launched in cooperation with Icelandic Meteorological Office (IMO) to study changes in the stratosphere.

Meteorological and Oceanography Center Capacity Analysis Data Call

UIC: 63061

Facility/Detachment: NLMOD KEY WEST FL UIC: 65773

Table 8.1

Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/ Day*
Area/Route Forecasting	1500	1454	1452	1460	1460	1460	1460	12
Ship/Aircraft Routing	384	364	436	300	300	300	300	24
Flight Forecasting	3975	3037	3027	2300	2300	2300	2300	12
Heavy Weather Warnings	39	7	6	8	8	8	8	12
Navy/Joint C4I System Support	710	995	630	630	630	630	630	8
Pre-Deployment Briefings	8	18	6	6	6	6	6	12
Destructive Weather Briefings	0	0	0	12*	12*	12*	12*	24
Other: SFC OBS	9506	9500	9481	9700	9700	9700	9700	24
Other: Sonic Boom Adv	115	96	254	130	130	130	130	12
Other: Small Craft Warning	474	260	376	300	300	300	300	12

Other: Thunderstorm I & II Condition	1457	910	573	700	700	700	700	12
Other: Hurricane Awareness Briefs	35	36	45	32	32	32	32	8

\* Projections for FY95 and outyears are based on one tropical cyclone per year threatening Key West. Detachment would provide briefings as required to local commands.

A percentage breakdown by service branch of the aviation weather support which includes flight weather briefs, enroute flight packets, and OPARS that NLMOD routinely provides to our customers is as follows:

- (a) 55% USN
- (b) 20% USAF
- (c) 10% USA
- (d) 5% USMC
- (e) 5% USCG
- (f) 5% Foreign military and other DoD agencies

We provide local forecast and atmospheric sounding information to Cudjoe Key AFS in addition to setting their Thunderstorm and Small Craft Conditions. LT Harrison is ADDU to the staff at CJTF-4 and provides daily staff morning briefs as well as fulfilling any requirements CJTF-4 would task us with. NAS Key West often hosts Air Force Detachments with which we provide local oparea forecasts and flight planning packets.

\* Sub-regional forecasting services are provided by NAVLANTMETOCFAC Jacksonville FL.

Meteorological and Oceanography Center Capacity Analysis Data Call

UIC: 63061

Facility/Detachment: NLMOD KINGS BAY GA

UIC: 30830

Table 8.1

Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/Day*
Area/Route Forecasting	800	800	816	864	864	864	864	8.5
Ship/Aircraft Routing	0	10	15	15	15	15	15	8.5
Flight Forecasting	0	0	0	0	0	0	0	N/A
Heavy Weather Warnings	0	0	0	0	0	0	0	N/A
Navy/Joint C4I System Support	0	0	0	0	0	0	0	N/A
Pre-Deployment Briefings	10	60	90	100	110	120	130	8.5
Destructive Weather Briefings	5	5	10	15	15	15	15	8.5
Other: Oceanographic Analyses	3	156	156	156	156	156	156	8.5

\*Sub-regional forecasting services are provided by NAVLANTMETOCFAC Jacksonville FL.

Meteorological and Oceanography Center Capacity Analysis Data Call

UIC: 63061

Facility/Detachment: NTMOD KINGSVILLE TX UIC: 65774

**Table 8.1**

Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/Day*
Area/Route Forecasting	308	291	255	285	285	285	285	16
Ship/Aircraft Routing	246	208	292	250	250	250	250	16
Flight Forecasting	1999	1840	1798	1800	1800	1800	1800	16
Heavy Weather Warnings	13	9	8	10	10	10	10	16
Navy/Joint C4I System Support	0	0	0	0	0	0	0	N/A
Pre-Deployment Briefings	0	0	0	0	0	0	0	N/A
Destructive Weather Briefings	5	5	5	5	5	5	5	16
Other: TAFS	1001	1042	1119	1055	1055	1055	1055	16

\*Sub-regional forecasting services provided by NTMOD Corpus Christi, TX during remaining hours.

Meteorological and Oceanography Center Capacity Analysis Data Call

UIC: 63061

Facility/Detachment: NLMOD MAYPORT FL UIC: 65775  
**Table 8.1**

Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/ Day <sup>@</sup>
Area/Route Forecasting	4373*	4471	4657	4500	4500	4500	4500	12
Ship/Aircraft Routing	75*	83	108	115	115	115	115	12
Flight Forecasting	1280*	1339	1434	1450	1450	1450	1450	12
Heavy Weather Warnings	400*	476	340	425	425	425	425	12
Navy/Joint C4I System Support	0	0	0	0	0	0	0	N/A
Pre-Deployment Briefings	5	5	8	23	25	25	25	24
Destructive Weather Briefings	18*	25	31	40	40	40	40	24
Other	0	0	0	0	0	0	0	N/A

\* Estimated due to no available data in historical files for FY 1989.

@ Sub-regional forecasting services are provided by NAVLANTMETOCFAC Jacksonville FL.

Meteorological and Oceanography Center Capacity Analysis Data Call

UIC: 63061

Facility/Detachment: NTMOD MEMPHIS TN

UIC: 65776

Table 8.1

Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/ Day*
Area/Route Forecasting	1312	1310	1315	1300	0	0	0	12
Ship/Aircraft Routing	860	889	850	200	0	0	0	24
Flight Forecasting	2412	2420	2486	900	0	0	0	12
Heavy Weather Warnings	225	210	235	200	0	0	0	24
Navy/Joint C4I System Support	0	0	0	0	0	0	0	N/A
Pre- Deployment Briefings	0	0	0	0	0	0	0	N/A
Destructive Weather Briefings	4	4	4	4	0	0	0	8
OTHER	0	0	0	0	0	0	0	N/A

\*Sub-regional forecasting services provided by NLMOD Pensacola FL. NTMOD Memphis and NAS Memphis will close in FY95 due to BRAC 93 decisions.

Meteorological and Oceanography Center Capacity Analysis Data Call

UIC: 63061

Facility/Detachment: NTMOD MERIDIAN MS

UIC: 65777

Table 8.1

Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/ Day*
Area/Route Forecasting	1056 6	1072 5	1147 3	1434 1	1430 0	1430 0	1430 0	12
Ship/Aircraft Routing	11	39	115	143	145	145	145	12
Flight Forecasting	2919	2837	3666	4582	4580	4580	4580	12
Heavy Weather Warnings	24	57	42	50	50	50	50	12
Navy/Joint C4I System Support	0	0	0	0	0	0	0	N/A
Pre- Deployment Briefings	1	1	1	1	1	1	1	12
Destructive Weather Briefings	0	0	1	1	1	1	1	12
Other: TAFS	1450	1438	1520	1500	1500	1500	1500	12

Projections for FY95 and outyears reflect a 25% increase due to BRAC 93 decisions relocating units to NAS Meridian. Sub-regional forecasting services provided by NLMOD Pensacola, FL, during remaining hours.

Meteorological and Oceanography Center Capacity Analysis Data Call

UIC: 63061

Facility/Detachment: NLMOD COMP NEW LONDON CT

UIC: 69005

**Table 8.1**

Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/ Day
Area/Route Forecasting	0	0	0	0	0	0	0	N/A
Ship/Aircraft Routing	0	0	0	0	0	0	0	N/A
Flight Forecasting	0	0	0	0	0	0	0	N/A
Heavy Weather Warnings	0	0	0	0	0	0	0	N/A
Navy/Joint C4I System Support	0	0	0	0	0	0	0	N/A
Pre- Deployment Briefings	0	0	0	18	18	18	18	9
Destructive Weather Briefings	0	0	0	8	8	8	8	9
Other: RESPONSIVE TRAINING	0	0	0	30	30	30	30	9

This activity was established in February 1994. Projections are based on submarine OPTEMPOS, work-ups and training phases.

Meteorological and Oceanography Center Capacity Analysis Data Call

UIC: 63061

Facility/Detachment: NTMOD NEW ORLEANS LA UIC: 65778

Table 8.1

Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/Day*
Area/Route Forecasting	725	732	726	730	730	730	730	12
Ship/Aircraft Routing	200	210	196	230	240	240	250	12 (a)
Flight Forecasting	4675	4867	5892	5145	5145	5150	5150	12 (b)
Heavy Weather Warnings	379	385	327	360	365	370	370	12
Navy/Joint C4I System Support	0	0	0	0	0	0	0	12
Pre-Deployment Briefings	3	3	5	4	5	4	4	12
Destructive Weather Briefings	12	16	10	15	17	21	25	12 (c)
Other	17	18	21	23	26	29	30	12 (d)

\*Sub-regional forecasting services provided by NTMOD Pensacola during remaining hours.

(a) These numbers reflect this command's OPARS requirements, which continue to grow. Projected figures reflect a 5% growth rate.

(b) Local figures show an increase for 1993 due to the addition of VR-54. Projected numbers were lowered somewhat anticipating the reduced flying because of fiscal concerns.

(c) This number is continuing to grow because of the effective tenant/squadron liaison program initiated by the detachment.

(d) With fewer sources for special meteorologic and oceanographic data, those facilities not affected by BRAC are receiving additional requests for support from other DoN and DoD agencies.

Meteorological and Oceanography Center Capacity Analysis Data Call

UIC: 63061

Facility/Detachment: NTMOD NEWPORT RI

UIC: 62612

Table 8.1

Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/ Day*
Area/Route Forecasting	357	308	293	264	267	267	267	8
Ship/Aircraft Routing	0	0	0	0	0	0	0	N/A
Flight Forecasting	0	0	0	0	0	0	0	N/A
Heavy Weather Warnings	0	0	0	0	0	0	0	N/A
Navy/Joint C4I System Support	0	0	0	0	0	0	0	N/A
Pre- Deployment Briefings	0	0	0	0	0	0	0	N/A
Destructive Weather Briefings	32	17	38	20	20	20	20	8
Other: WARGAMES	49	42	37	50	50	50	50	8
Other: STUDENTS	3628	2436	1905	1300	1247	1204	1204	8

Area/Route Forecasting - Decline in out-year numbers due to the departure in April 1994 of Commander, Destroyer Squadron Six and ships homeported in Newport.

Wargames - Figures for FY 89, 91, and 93 are actual wargames supported. Wargame projection numbers based on past history and the Naval War College 1993 Executive Summary.

Students - Figures indicate number of PCO/PXO, Department Head and DIVO students taught by METOC DET instructors. Projected numbers are based on BUPERS quota projections.

\*Sub-regional forecasting services are provided by NAVLANTMETOCFAC Brunswick ME.

Meteorological and Oceanography Center Capacity Analysis Data Call

UIC: 63061

Facility/Detachment: NLMOD OCEANA VA

UIC: 65876

Table 8.1

Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/Day
Area/Route Forecasting	254	254	254	254	254	254	254	24
Ship/Aircraft Routing	1002	636	546	568	483	498	498	24
Flight Forecasting	13197	9638	9348	9722	8264	8512	8512	24
Heavy Weather Warnings	937	613	536	575	575	575	575	24
Navy/Joint C4I System Support	0	0	0	0	0	0	0	N/A
Pre-Deployment Briefings	0	0	0	0	0	0	0	N/A
Destructive Weather Briefings	3	9	2	6	6	6	6	24
Other: FLIGHT PACKETS	32527	20397	24914	25911	22025	22686	22686	24
Other: GROUND SCHOOL/INTEL BRIEFS	45	45	45	45	45	45	45	8

Figures are based on past numbers and the number of aircraft based at NAS Oceana. A 4% increase in aircraft is expected during FY95, a 15% decrease in FY97, and a 3% increase in FY99 due to BRAC decisions closing other bases and relocating aircraft.

Meteorological and Oceanography Center Capacity Analysis Data Call

UIC: 63061

Facility/Detachment: NLMOD PATUXENT RIVER MD

UIC: 66124

Table 8.1

Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/Day
Area/Route Forecasting	4400	3846	4571	4662	4755	4945	5043	24
Ship/Aircraft Routing	2100	1992	1874	1911	1949	2026	2066	24
Flight Forecasting	3200	3951	3186	3249	3314	3446	3514	24
Heavy Weather Warnings	720	507	472	500	500	500	500	24
Navy/Joint C4I System Support	0	8631	155006	158106	161268	167718	171022	24
Pre-Deployment Briefings	0	0	0	0	0	0	0	N/A
Destructive Weather Briefings	30	56	53	55	55	55	55	24
Other CLIMO/ASTRO DATA	1000	365	434	442	450	468	477	24
TEST RANGE FORECASTS	938	982	772	787	802	832	848	24
TEST PILOT FORECASTS	4770	5384	4846	4942	5040	5241	5345	24

Projected numbers based on:

-2% increases in all years and 4% increase in FY99. The Aircraft Systems Development functions of Naval Air Warfare Center, Aircraft Division (NAWCAD) Warminster, PA and the Naval Air Propulsion Center are moving to NAWC AD Patuxent River due to BRAC 91 & 92. F18 E/F testing is

scheduled for FY99.

-FY89 data based on DET records.

-FY91 data based on FY92 records.

-C4I data based on NODDS usage. NODDS output is provided to a wide variety of R&D activities.

-Increased out-year C4I usage will occur with TESS(3) data linked to Aircraft Environmental Test and Evaluation Facility, and to NISE East, St. Inigoes, MD.

Meteorological and Oceanography Center Capacity Analysis Data Call

UIC: 63061

Facility/Detachment: NLMOD PENSACOLA FL

UIC: 65779

**Table 8.1**

Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/ Day
Area/Route Forecasting	3800	3972	3787	3976	4175	4383	4602	24
Ship/Aircraft Routing	268	331	159	167	175	183	191	23
Flight Forecasting	2700 0	2516 4	1995 1	2094 8	2199 7	2309 6	2425 0	24
Heavy Weather Warnings	650	733	602	632	663	696	730	24
Navy/Joint C4I System Support	0	0	0	0	0	0	0	N/A
Pre- Deployment Briefings	4	4	6	7	9	9	10	24
Destructive Weather Briefings	20	25	35	37	39	41	44	24
Other: WEATHER PACKETS	260	438	300	315	330	346	363	24

Meteorological and Oceanography Center Capacity Analysis Data Call

UIC: 63061

Facility/Detachment: NLMOD ROOSEVELT ROADS PR UIC: 65877

Table 8.1

Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/ Day
Area/Route Forecasting	669	730	730	730	730	730	730	24
Ship/Aircraft Routing	235	270	213	240	240	240	240	24
Flight Forecasting	4256	3777	3207	3500	3500	3500	3500	24
Heavy Weather Warnings	233	296	340	300	300	300	300	24
Navy/Joint C4I System Support	0	0	0	0	0	0	0	N/A
Pre- Deployment Briefings	0	0	0	0	0	0	0	N/A
Destructive Weather Briefings	11	4	3	4	4	4	4	24
Other: ASW/IREPS	220	170	110	175	175	175	175	24

Estimates are based on previous years' averages and expanding operational mission onboard NAVSTA Roosevelt Roads PR.

Meteorological and Oceanography Center Capacity Analysis Data Call

UIC: 63061

Facility/Detachment: NTMOD SOUTH WEYMOUTH MA

UIC: 66470

Table 8.1

Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/ Day*
Area/Route Forecasting	1452	1452	1452	1452	1815	1815	1815	12
Ship/Aircraft Routing	71	66	59	65	70	75	80	12
Flight Forecasting	1389	1315	1107	1300	1320	1340	1360	12
Heavy Weather Warnings	25	15	21	25	25	25	25	12
Navy/Joint C4I System Support	0	0	0	0	0	0	0	N/A
Pre- Deployment Briefings	5	4	5	6	8	8	8	12
Destructive Weather Briefings	6	6	4	6	6	7	7	12
Other: FLIGHT PACKETS	91	80	67	80	82	85	90	12

\*Sub-regional forecasting services are provided by NAVLANTMETOCFAC Brunswick ME.

Meteorological and Oceanography Center Capacity Analysis Data Call

UIC: 63061

Facility/Detachment: NTMOD WHITING FIELD FL UIC: 65782

**Table 8.1**

Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/ Day*
Area/Route Forecasting	1523	1597	1449	1500	1500	1500	1500	16
Ship/Aircraft Routing	0	0	0	0	0	0	0	N/A
Flight Forecasting	1171 3	1221 2	1121 4	1300 0	1300 0	1300 0	1300 0	16
Heavy Weather Warnings	270	323	300	300	300	300	300	16
Navy/Joint C4I System Support	0	0	0	0	0	0	0	N/A
Pre- Deployment Briefings	0	0	0	0	0	0	0	N/A
Destructive Weather Briefings	12	12	12	12	12	12	12	24
Other	0	0	0	0	0	0	0	N/A

\*Sub-regional forecasting services provided by NTMOD Pensacola during remaining hours.

Meteorological and Oceanography Center Capacity Analysis Data Call

UIC: 63061

Facility/Detachment: NLMOD WILLOW GROVE PA UIC: 66471

Table 8.1

Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/Day*
Area/Route Forecasting	3370	3560	3940	4000	4000	4000	4000	12
Ship/Aircraft Routing	225	230	165	165	165	165	165	24
Flight Forecasting	6000	6000	6000	6000	6000	6000	6000	12
Heavy Weather Warnings	20	20	30	30	30	30	30	24
Navy/Joint C4I System Support	0	0	0	0	0	0	0	N/A
Pre-Deployment Briefings	56	56	56	56	56	56	56	12
Destructive Weather Briefings	250	260	275	275	275	275	275	24
Other: FLIGHT PACKETS	225	225	160	160	160	160	160	24

Projections based on assumption that level of operational tempo will not change significantly at NAS JRB Willow Grove.

\*Sub-regional forecasting services are provided by NAVLANTMETOCFAC Brunswick ME.

9.a. For your facilities, and detachments subordinate to your center, provide the name of the other Navy activities, facilities or detachments which **can substitute** for each location when they are closed (e.g. not processing information requests, forecasting, and observing). Provide the time frame this substitution can exist (e.g. overnight, 48 hours, continuously, etc).

The Sub-Regional Forecasting (SRF) program allows certain Detachments to assume a reduced operating status when their host command does not require round-the-clock support for operations. For instance, normal operating hours for NAVTRAMETOC DET Kingsville, TX, are 0600-2200 Monday through Friday and 0800-1800 Saturday and Sunday. The Detachment provides normal forecasting and observing services during those hours. Outside those normal operating hours, NAVTRAMETOC DET Corpus Christi, TX, provides services via telephone, facsimile or naval message as required or requested by Kingsville-area commands.

Four activities have been designated Sub-Regional Forecasting Centers (SRFCs): NAVLANTMETOC FACs Jacksonville, FL, and Brunswick, ME; NAVLANTMETOC DET Pensacola, FL; and NAVTRAMETOC DET Corpus Christi, TX. The SRFCs provide aviation weather services, flight forecasting and local weather forecasts to naval activities at the following locations: Key West, Mayport and Whiting Field, FL; Kings Bay and Charleston, SC; New Orleans, LA; Memphis, TN; Kingsville and Dallas, TX; Willow Grove, PA; Lakehurst, NJ; and South Weymouth, MA. SRFCs provide severe weather warnings to naval activities in Boston, MA; New York, NY; New London, CT; and Newport, RI.

9.b. List any Naval Activity which could **remotely manage your facilities** or detachments information flow. If additional funding is required to accomplish this managed operation, discuss the extent of the funding required and the use of the funds in detail.

The SRF program cannot be expanded to additional hours at the affected Detachments or to other Detachments without significantly degrading safety of operations and safety of flight at host activities.

10. For all weather and oceanographic data provided by your facilities or detachments, list the primary and any backup, incoming and outgoing data routes and their origination/destination points.

The following data routes are available at subordinate activities. Many of them have been described in earlier answers.

Personal delivery, official mail, telephone, facsimile.

Naval message (AUTODIN) via GATEGUARD.

Automated Weather Network/COMEDS Meteorological Workstation (CMW). No backup.

NODDS. No backup.

Weather radar (RADIDS or NEXRAD PUP). The older RADIDS are being phased out as NEXRAD PUPs are installed at our activities. No backup.

AN/GMQ-29 Automated Weather Station. Human observers provide quality assurance and backup, as well as parameters not measured by the system.

Pilot reports (PIREPs). Available at Detachments serving Naval Air Stations. No backup.

Lightning Detection and Tracking System (LDATS). Landline feed of real-time lightning data from sensors located at most Naval Air Stations. No backup.

Lightning Position and Tracking System (LPATS). Satellite feed of real-time lightning data from sensors operated by the National Weather Service. Installed at a few locations. No backup.

GOES Satellite Information Display System (GSIDS). Dedicated landline feed from the National Weather Service's National Environmental Satellite Display and Information System (NESDIS). No backup at most sites. At the three locations where the SMQ-11 Meteorological Satellite Receiving System is installed, SMQ-11 is a backup.

GOES Tap Imagery System (GTIS). National Weather Service system providing meteorological satellite imagery via telephone line. Serves the same purpose as GSIDS. No backup.

JMEDS and Autopolling. All activities can dial in to these two NAVLANTMETOCCEN systems.

Optimum Path Aircraft Routing System (OPARS).

Digital Facsimile (DIFAX). Satellite feed of graphical weather information from the National Weather Service's National Meteorology Center, Suitland, MD. Backup is NODDS.

AN/GMQ-27 Weathervision (most activities) or a similar system. No backup.

LANs, Electronic Bulletin Board System (BBS) and E-mail for transmission of administrative information among NAVLANTMETOCEN activities. Facsimile and telephone are backups.

Tactical Support Center (TSC) LANs. NAVLANTMETOCFAC Jacksonville is linked into the TSC LAN at NAS Jacksonville to support maritime patrol aircraft.

Aviation Weather Information System (AWIS). Dedicated landline in the Jacksonville, FL, area with multiple drops for a Federal Aviation Administration (FAA) circuit. No backup.

Atlantic Submarine Broadcast (LSBB). NAVLANTMETOC DET Kings Bay, GA, provides environmental data to Commander, Submarine Group TEN for transmission on this satellite broadcast. This broadcast and its backups are controlled by higher authority.

Wargaming network. NAVTRAMETOC DET Newport, RI, has access to and provides METOC data to the Enhanced Naval Warfare Gaming System (ENWGS) via the Naval War College.

Base-wide closed-circuit TV systems and Armed Forces Radio and Television Service (AFRTS) systems where available, generally outside CONUS. Detachments disseminate local weather information and forecasts, severe weather warnings, briefings, etc. No backup.

11. List all **unique equipments, capabilities, or facilities** etc. located at or controlled by your facility. (e.g. Switching Node, etc.)

Fleet Liaison and Mobile Environmental Team services for Navy and Joint warfare commanders deployed at sea or in the field throughout the Atlantic theater.

The Energy Conservation Program.

The JOTS II/UB node linking NAVLANTMETOCCEN to Navy and Joint forces through CINCLANTFLT.

TESS(3)/NODDES for METOC communications throughout the Atlantic theater, including deployed forces and shore-based NAVMETOCCOM activities.

The recently accredited Sensitive Compartmented Information Facility (SCIF), which will provide direct METOC support for cruise missile operations and Special Operations Forces in the Atlantic theater.

JMEDS and autopolling FAX for the Atlantic theater.

12.a. List all facilities or data gathering systems which can currently substitute data gathering (weather or oceanographic data) for **your existing equipment/methods**. Indicate the percentage and types of the data gathered which are duplicated by other facilities or systems and the percentage and types of data gathered which are unique to your collection system.

NAVLANTMETOCEN and our subordinate activities use data collection systems developed and operated in cooperation with the U.S. Air Force, the National Weather Service, the Federal Aviation Agency and the World Meteorological Organization. We do not operate any unique data collection systems of our own.

12.b. List any Naval Activity which could **manage your data gathering locations or system** on a remote basis. If additional funding is required to accomplish this remote collection operation, discuss the extent of the funding required and the use of the funds in detail.

None.

12.c. List all facilities or product distribution systems which can **currently substitute information distribution** for your weather or oceanographic data with **existing equipment**. Indicate the percentage and types of weather or oceanographic data which are duplicated by other facilities or distribution systems and the percentage and types of weather or oceanographic data which are unique to your distribution system.

None. The extensive connectivity described under Question 6 would be prohibitively expensive to duplicate at another activity.

12.d. List any Naval Activity which could **manage your data distribution locations or system** on a remote basis. If additional funding is required to accomplish this remote distribution system, discuss the extent of the funding required and the use of the funds in detail.

None.

12.e. Describe how **other DoD or Non-DoD organizations can substitute** for your data gathering, model development/validation, prediction/forecasting, and data distribution. Include weather and oceanographic information in the discussion. Also include, how other DoD and Non-DoD organizations might substitute in certain regions (e.g. CONUS) for data gathering, model development/validation, prediction/forecasting, and data distribution. If additional funding would be required to generate a multi-organizational system of data gathering, model development/validation, prediction/forecasting and data distribution, discuss the extent of the funding required and the use of the funds in detail.

Without a major redesign of the U.S. and world weather networks, no organization can substitute for us. It is beyond our capability to estimate the funding required to accomplish this or to describe how the funds should be used.

**13.a.** Given **no operational funding or manning limits**, what modifications or improvements would you make to your facilities infrastructure to increase the capacity of your installation? Provide a description, cost estimates, and additional capacity gained.

We recommend a NAVMETOCCOM Wide Area Network (WAN) interoperable with C4I systems supporting the warfighting commanders, with enough manpower to administer and maintain it. A WAN would improve communications and information flow both within our claimancy and between us and our customers, leading to improved efficiency internally and improved effectiveness in serving our external customers. This concept is presently being explored by the Naval Oceanographic Office (NAVOCEANO), Stennis Space Center, MS.

**13.b.** What **site modifications/facility improvements are budgeted** in Presidential Budget 1995 through FY 1997 (including all BRACON) that would improve the capacity at your facility? Provide a description, cost, and additional capacity that could be realized.

None.

**13.c.** Given **unconstrained funding** and manning levels, what **Personal Property or Equipment** would you change (add, delete, or modify) to increase your capacity? Provide a description, cost estimates, and additional capacity that could be realized.

None.

**13.d.** Are there any environmental, legal or other **factors that inhibit further increase** in capacity (e.g. encroachments, pollutant discharge, electromagnetic interference, etc.)? Provide details and possible solutions.

No known factors.



14.b. By Category Code Number (CCN), complete the following table for all **training facilities** aboard the installation. Include all 171-xx, 179-xx CCN's.

Not applicable.

**For example:** In the category 171-10, a type of training facility is academic instruction classroom. If you have 10 classrooms with a capacity of 25 students per room, the design capacity would be 250. If these classrooms are available 8 hours a day for 300 days a year, the capacity in student hours per year would be 600,000.

CCN: \_\_\_\_\_

Type Training Facility	Total Number	Design Capacity (PN) <sup>1</sup>	Capacity (Student HRS/YR) <sup>2</sup>

<sup>1</sup> Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings, i.e., ranges. Design Capacity (PN) must reflect current use of the facilities.

<sup>2</sup> Describe how the Student HRS/YR value in the preceding table was derived.

15.a.. Provide data on the BOQs and BEQs assigned to your current plant account. The desired unit of measure for this capacity is people housed. Use CCN to differentiate between pay grades, i.e., E1-E4, E5-E6, E7-E9, CWO-02, 03 and above.

Not applicable.

Facility Type, Bldg. # & CCN	Total No. of Beds	Total No. of Rooms	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft

15.b. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information:

Not Applicable

- a. FACILITY TYPE/CODE:
- b. WHAT MAKES IT INADEQUATE?
- c. WHAT USE IS BEING MADE OF THE FACILITY?
- d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
- e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
- f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
- g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

16.a. Provide data on the BOQs and BEQs projected to be assigned to your plant account in FY 1997. The desired unit of measure for this capacity is people housed. Use CCN to differentiate between pay grades, i.e., E1-E4, E5-E6, E7-E9, CWO-02, 03 and above.

Not applicable.

Facility Type, Bldg. # & CCN	Total No. of Beds	Total No. of Rooms	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft

16.b. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information:

Not applicable.

- a. FACILITY TYPE/CODE:
- b. WHAT MAKES IT INADEQUATE?
- c. WHAT USE IS BEING MADE OF THE FACILITY?
- d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
- e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
- f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
- g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

17.a. Provide data on the messing facilities assigned to your current plant account.

Not applicable.

Facility Type, CCN and Bldg. #	Total Sq. Ft.	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	Sq Ft	Seats	Sq Ft	Seats	Sq Ft	

17.b. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information:

Not applicable.

- a. FACILITY TYPE/CODE:
- b. WHAT MAKES IT INADEQUATE?
- c. WHAT USE IS BEING MADE OF THE FACILITY?
- d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
- e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
- f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
- g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

18.a. Provide data on the messing facilities projected to be assigned to your plant account in FY 1997.

Not applicable.

Facility Type, CCN and Bldg. #	Total Sq. Ft.	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	Sq Ft	Seats	Sq Ft	Seats	Sq Ft	

18.b. In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information:

Not applicable.

- a. FACILITY TYPE/CODE:
- b. WHAT MAKES IT INADEQUATE?
- c. WHAT USE IS BEING MADE OF THE FACILITY?
- d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
- e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
- f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
- g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

19. For military **married family housing assigned to your plant account** provide the following information:

Not applicable.

Table 19.1

Type of Quarters	Number of Bedrooms	Total number of units	Number Adequate	Number Substandard	Number Inadequate
Officer	4+				
Officer	3				
Officer	1 or 2				
Enlisted	4+				
Enlisted	3				
Enlisted	1 or 2				
Mobile Homes					
Mobile Home Lots					

In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified describe why the housing is inadequate; indicate how the housing is being used and list other possible uses; and specify the costs to remove the deficiencies that make it inadequate. Indicate current plans to remove these deficiencies and the amount of any programmed funds.

20. For personnel assigned to your base and tenant activities who live in **government quarters other than yours**, indicate the plant account holder UIC for their quarters.

Naval Station, Norfolk, VA (UIC 62688) controls government housing for this area

**BASE INFRASTRUCTURE**

21.a. Utilize Table 21.1 below to provide information on your activity's base infrastructure capacity and load.

This question deferred to Navy Public Works Center, Norfolk, VA (UIC 00187).

**Table 21.1 Base Infrastructure Capacity & Load**

	On Base Capacity	Off base long term contract	Normal Steady State Load	Peak Demand
Electrical Supply (KWH)				
Natural Gas (CFH)				
Sewage (GPD)				
Potable Water (GPD)				
Steam (lbm/Hr)				
Long Term Parking				
Short Term Parking				

21.b. Maintenance, Repair & Equipment Expenditure Data: Use Table 21.2 (below) to provide data on facilities and equipment expenditures at your activity. Project expenditures to FY97. Do not include data on Detachments who have received this Data Call directly. The following definitions apply:

Maintenance of Real Property (MRP) Dollars: MRP is a budgetary term used to gather the expenses or budget requirements for facility work including recurring maintenance, major repairs & minor construction (non-MILCON) inclusive of all Major Claimant funded Special Projects. It is the amount of funds spent on or budgeted for maintenance and repair of real property assets to maintain the facility in satisfactory operating condition. For purposes of this Data Call MRP includes all M1/R1 and M2/R2 expenditures.

Current Plant Value (CPV) of Class 2 Real Property: The hypothetical dollar amount to replace a Class 2 facility in kind with today's dollars. Example: the cost today to replace a wood frame barracks with a wood frame barracks.

Acquisition Cost of Equipment (ACE): The total cumulative acquisition cost of all "personal property" equipment maintained at your activity which includes the cost of installed equipment directly related to mission execution, such as lab test equipment. Class 2 installed capital equipment that is an integral part of the facility will not be reported as ACE.

Table 21.2 Maintenance, Repair & Equipment Expenditure Data  
for NAVLANTMETOCEN (UIC: 63061)

Fiscal Year	MRP (\$M)	CPV (\$M)	ACE (\$M)
1985	0.23	3.0	1.0
1986	0.24	3.2	1.1
1987	0.25	3.4	1.2
1988	0.26	3.6	1.2
1989	0.37	3.8	1.3
1990	0.28	4.0	1.4
1991	0.49	4.2	1.4
1992	0.35	4.4	1.8
1993	0.34	4.6	2.2
1994	0.36	4.8	2.2
1995	0.38	5.0	2.4
1996	0.40	5.3	2.4
1997	0.42	5.6	2.5

**22. Real Estate Resources.** Identify in the table below the real estate resources which have the potential to facilitate future development and for which you are the plant account holder or into which, though a tenant, your activity could reasonably expect to expand. Complete a separate table for each individual site, i.e., main base, outlying airfields, special off-site areas, etc. The unit of measure is acres. Developed area is defined as land currently with buildings, roads, and utilities where further development is not possible without demolition of existing improvements. Include in "Restricted" areas that are restricted for future development due to environmental constraints (e.g. wetlands, landfills, archaeological sites), operational restrictions (e.g. ESQD arcs, HERO, HERP, HERF, AICUZ, ranges) or cultural resources restrictions. Identify the reason for the restriction when providing the acreage in the table. Specify any entry in "Other" (e.g. submerged lands).

Not applicable.

Site Location: \_\_\_\_\_

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance				
Operational				
Training				
R & D				

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Supply & Storage				
Admin				
Housing				
Recreational				

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Navy Forestry Program				
Navy Agricultural Outlease Program				
Hunting/Fishing Programs				
Other				

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Total:				

BRAC-95 CERTIFICATION

Reference: SECNAV NOTE 11000 dtd 8 Dec 93

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

I certify the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

D. A. ROMAN, CAPT, USN  
NAME (Please type of print)  
Commanding Officer  
Title  
Naval Atlantic Meteorology and  
Oceanography Center, Norfolk, VA  
Activity

Donald A. Roman  
Signature  
1 Jul 94  
Date

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

\_\_\_\_\_  
NAME (Please type or print)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

\_\_\_\_\_  
NAME (Please type or print)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Activity

In certify that the information herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

J.E. CHUBB  
\_\_\_\_\_  
NAME (Please type or print)



\_\_\_\_\_  
Signature

Commander  
\_\_\_\_\_  
Title

5 Jul 94  
\_\_\_\_\_  
Date

Naval Meteorology and Oceanography Command  
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)  
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

W.A. EARNER  
\_\_\_\_\_  
NAME (Please type or print)



\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

7/15/94  
\_\_\_\_\_  
Date

BRAC-95 CERTIFICATION

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

W. L. BRADFIELD-SMITH, CDR, USN  
NAME (Please type or print)

Regional Officer  
Title

Division

Regional Department

Department  
Naval Atlantic Meteorology and  
Oceanography Center, Norfolk, VA  
Activity

W. L. Bradfield-Smith  
Signature

01 JUL 94  
Date

Enclosure (1)

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**DATA CALL 66  
INSTALLATION RESOURCES**

**Activity Information:**

Activity Name:	NAVLANTMETOCEN
UIC:	N63061
Host Activity Name (if response is for a tenant activity):	NAS NORFOLK
Host Activity UIC:	N00188

**General Instructions/Background.** A separate response to this data call must be completed for each Department of the Navy (DON) host, independent and tenant activity which separately budgets BOS costs (regardless of appropriation), and, is located in the United States, its territories or possessions.

**1. Base Operating Support (BOS) Cost Data.** Data is required which captures the total annual cost of operating and maintaining Department of the Navy (DON) shore installations. Information must reflect FY 1996 budget data supporting the FY 1996 NAVCOMPT Budget Submit. Two tables are provided. Table 1A identifies "Other than DBOF Overhead" BOS costs and Table 1B identifies "DBOF Overhead" BOS costs. These tables must be completed, as appropriate, for all DON host, independent or tenant activities which separately budget BOS costs (regardless of appropriation), and, are located in the United States, its territories or possessions. Responses for DBOF activities may need to include both Table 1A and 1B to ensure that all BOS costs, including those incurred by the activity in support of tenants, are identified. If both table 1A and 1B are submitted for a single DON activity, please ensure that no data is double counted (that is, included on both Table 1A and 1B). The following tables are designed to collect all BOS costs currently budgeted, regardless of appropriation, e.g., Operations and Maintenance, Research and Development, Military Personnel, etc. Data must reflect FY 1996 and should be reported in thousands of dollars.

**a. Table 1A - Base Operating Support Costs (Other Than DBOF Overhead).** This Table should be completed to identify "Other Than DBOF Overhead" Costs. Display, in the format shown on the table, the O&M, R&D and MPN resources currently budgeted for BOS services. O&M cost data must be consistent with data provided on the BS-1 exhibit. Report only direct funding for the activity. Host activities should not include reimbursable support provided to tenants, since tenants will be separately reporting these costs. Military personnel costs should be included on the appropriate lines of the table. Please ensure that individual lines of the table do not include duplicate costs. Add additional lines to the table (following line 2j., as necessary, to identify any additional cost elements not currently shown). Leave shaded areas of table blank.

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<b>Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)</b>			
<b>Activity Name: NAVLANTMETOCEN</b>		<b>UIC: N63061</b>	
Category	FY 1996 BOS Costs (\$000)		
	Non-Labor	Labor	Total
<b>1. Real Property Maintenance Costs:</b>			
1a. Maintenance and Repair	51	0	51
1b. Minor Construction	0	0	0
<b>1c. Sub-total 1a. and 1b.</b>	51	0	51
<b>2. Other Base Operating Support Costs:</b>			
2a. Utilities	100	0	100
2b. Transportation	14	0	14
2c. Environmental	0	0	0
2d. Facility Leases	0	0	0
2e. Morale, Welfare & Recreation	0	0	0
2f. Bachelor Quarters	0	0	0
2g. Child Care Centers	0	0	0
2h. Family Service Centers	0	0	0
2i. Administration	630	356	986
2j. Other (Specify) <b>Retail Supply</b>	0	37	37
<b>2k. Sub-total 2a. through 2j:</b>	744	393	1137
<b>3. Grand Total (sum of 1c. and 2k.):</b>	795	393	1188

**DATA CALL 66  
INSTALLATION RESOURCES**

**b. Funding Source.** If data shown on Table 1A reflects more than one appropriation, then please provide a break out of the total shown for the "3. Grand-Total" line, by appropriation:

<u>Appropriation</u>	<u>Amount (\$000)</u>
O&M,N	1,188

**c. Table 1B - Base Operating Support Costs (DBOF Overhead).** This Table should be submitted for all current DBOF activities. Costs reported should reflect BOS costs supporting the DBOF activity itself (usually included in the G&A cost of the activity). For DBOF activities which are tenants on another installation, total cost of BOS incurred by the tenant activity for itself should be shown on this table. It is recognized that differences exist among DBOF activity groups regarding the costing of base operating support: some groups reflect all such costs only in general and administrative (G&A), while others spread them between G&A and production overhead. Regardless of the costing process, all such costs should be included on Table 1B. The Minor Construction portion of the FY 1996 capital budget should be included on the appropriate line. Military personnel costs (at civilian equivalency rates) should also be included on the appropriate lines of the table. Please ensure that individual lines of the table do not include duplicate costs. Also ensure that there is no duplication between data provided on Table 1A. and 1B. These two tables must be mutually exclusive, since in those cases where both tables are submitted for an activity, the two tables will be added together to estimate total BOS costs at the activity. Add additional lines to the table (following line 21., as necessary, to identify any additional cost elements not currently shown). **Leave shaded areas of table blank.**

**Other Notes:** All costs of operating the five Major Range Test Facility Bases at DBOF activities (even if direct RDT&E funded) should be included on Table 1B. Weapon Stations should include underutilized plant capacity costs as a DBOF overhead "BOS expense" on Table 1B..

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INSTALLATION RESOURCES**

<b>Table 1B - Base Operating Support Costs (DBOF Overhead)</b>			
<b>Activity Name: NAVLANTMETOCEN (NON-DBOF ACTIVITY)</b>		<b>UIC: N63061</b>	
Category	FY 1996 Net Cost From UC/FUND-4 (\$000)		
	Non-Labor	Labor	Total
<b>1. Real Property Maintenance Costs:</b>			
1a. Real Property Maintenance (> \$15K)	N/A	N/A	N/A
1b. Real Property Maintenance (< \$15K)	N/A	N/A	N/A
1c. Minor Construction (Expensed)	N/A	N/A	N/A
1d. Minor Construction (Capital Budget)	N/A	N/A	N/A
<b>1c. Sub-total 1a. through 1d.</b>	N/A	N/A	N/A
<b>2. Other Base Operating Support Costs:</b>			
2a. Command Office	N/A	N/A	N/A
2b. ADP Support	N/A	N/A	N/A
2c. Equipment Maintenance	N/A	N/A	N/A
2d. Civilian Personnel Services	N/A	N/A	N/A
2e. Accounting/Finance	N/A	N/A	N/A
2f. Utilities	N/A	N/A	N/A
2g. Environmental Compliance	N/A	N/A	N/A
2h. Police and Fire	N/A	N/A	N/A
2i. Safety	N/A	N/A	N/A
2j. Supply and Storage Operations	N/A	N/A	N/A
2k. Major Range Test Facility Base Costs	N/A	N/A	N/A
2l. Other (Specify)	N/A	N/A	N/A
<b>2m. Sub-total 2a. through 2l:</b>	N/A	N/A	N/A
<b>3. Depreciation</b>	N/A	N/A	N/A
<b>4. Grand Total (sum of 1c., 2m., and 3.) :</b>	N/A	N/A	N/A

**DATA CALL 66  
INSTALLATION RESOURCES**

**2. Services/Supplies Cost Data.** The purpose of Table 2 is to provide information about projected FY 1996 costs for the purchase of services and supplies by the activity. (Note: Unlike Question 1 and Tables 1A and 1B, above, this question is not limited to overhead costs.) The source for this information, where possible, should be either the NAVCOMPT OP-32 Budget Exhibit for O&M activities or the NAVCOMPT UC/FUND-1/IF-4 exhibit for DBOF activities. Information must reflect FY 1996 budget data supporting the FY 1996 NAVCOMPT Budget Submit. Break out cost data by the major sub-headings identified on the OP-32 or UC/FUND-1/IF-4 exhibit, disregarding the sub-headings on the exhibit which apply to civilian and military salary costs and depreciation. Please note that while the OP-32 exhibit aggregates information by budget activity, this data call requests OP-32 data for the activity responding to the data call. Refer to NAVCOMPTINST 7102.2B of 23 April 1990, Subj: Guidance for the Preparation, Submission and Review of the Department of the Navy (DON) Budget Estimates (DON Budget Guidance Manual) with Changes 1 and 2 for more information on categories of costs identified. Any rows that do not apply to your activity may be left blank. However, totals reported should reflect all costs, exclusive of salary and depreciation.

<b>Table 2 - Services/Supplies Cost Data</b>	
<b>Activity Name:</b> NAVLANTMETOCCEN	<b>UIC:</b> N63061
Cost Category	FY 1996 Projected Costs (\$000)
<b>Travel:</b>	55
<b>Material and Supplies (including equipment):</b>	159*
<b>Industrial Fund Purchases (other DBOF purchases):</b>	760
<b>Transportation:</b>	14
<b>Other Purchases (Contract support, etc.):</b>	327
<b>Total:</b>	1315**

\* Includes DBOF and Non-DBOF.

\*\* Includes costs region-wide.

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INSTALLATION RESOURCES**

**3. Contractor Workyears.**

**a. On-Base Contract Workyear Table.** Provide a projected estimate of the number of contract workyears expected to be **performed "on base"** in support of the installation during FY 1996. Information should represent an annual estimate on a full-time equivalency basis. Several categories of contract support have been identified in the table below. While some of the categories are self-explanatory, please note that the category "mission support" entails management support, labor service and other mission support contracting efforts, e.g., aircraft maintenance, RDT&E support, technical services in support of aircraft and ships, etc.

<b>Table 3 - Contract Workyears</b>	
<b>Activity Name:</b> NAVLANTMETOCCEN	<b>UIC:</b> N63061
<b>Contract Type</b>	<b>FY 1996 Estimated Number of Workyears On-Base</b>
Construction:	0
Facilities Support:	0
Mission Support:	0
Procurement:	0
Other:*	0
<b>Total Workyears:</b>	<b>0</b>

\* **Note:** Provide a brief narrative description of the type(s) of contracts, if any, included under the "Other" category.

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INSTALLATION RESOURCES**

**b. Potential Disposition of On-Base Contract Workyears.** If the mission/functions of your activity were relocated to another site, what would be the anticipated disposition of the on-base contract workyears identified in Table 3.?

1) Estimated number of contract workyears which would be transferred to the receiving site (This number should reflect the number of jobs which would in the future be contracted for at the receiving site, not an estimate of the number of people who would move or an indication that work would necessarily be done by the same contractor(s)):

**NONE.**

2) Estimated number of workyears which would be eliminated:

**NONE.**

3) Estimated number of contract workyears which would remain in place (i.e., contract would remain in place in current location even if activity were relocated outside of the local area):

**NONE.**

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INSTALLATION RESOURCES**

**c. "Off-Base" Contract Workyear Data.** Are there any contract workyears located in the local community, but not on-base, which would either be eliminated or relocated if your activity were to be closed or relocated? If so, then provide the following information (**ensure that numbers reported below do not double count numbers included in 3.a. and 3.b., above**):

No. of Additional Contract Workyears Which Would Be Eliminated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)
NONE	

No. of Additional Contract Workyears Which Would Be Relocated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)
NONE	

BRAC-95 CERTIFICATION

Reference: SECNAV NOTE 11000 dtd 8 Dec 93

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

I certify the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

*C. A. Peterson*

C. A. Peterson, CAPT, USN  
NAME (Please type of print)

Acting  
Title

Naval Meteorology and Oceanography Command  
Activity

*Craig A Peterson*

Signature

7/13/94  
Date

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

\_\_\_\_\_  
NAME (Please type or print)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

\_\_\_\_\_  
NAME (Please type of print)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Activity

In certify that the information herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

C. A. Peterson, CAPT, USN  
NAME (Please type or print)

*Craig A. Peterson*  
Signature

Acting  
Title

7/13/94  
Date

Naval Meteorology and Oceanography Command  
Activity

I certify that the information contained herein is accurate and complete to the best of my knowledge belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)  
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

**W. A. EARNER**

\_\_\_\_\_  
NAME (Please type of print)

*W. A. Earner*  
Signature

\_\_\_\_\_  
Title

7/25/94  
Date

BRAC-95 CERTIFICATION

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

Robert P. Garrett, CDR, USN  
NAME (Please type or print)

R. P. Garrett  
Signature

Division Head  
Title

7/12/94  
Date

Manpower/Personnel/Training  
Division

Resources Department  
Department

COMNAVMETOCOM  
Activity

Enclosure (1)