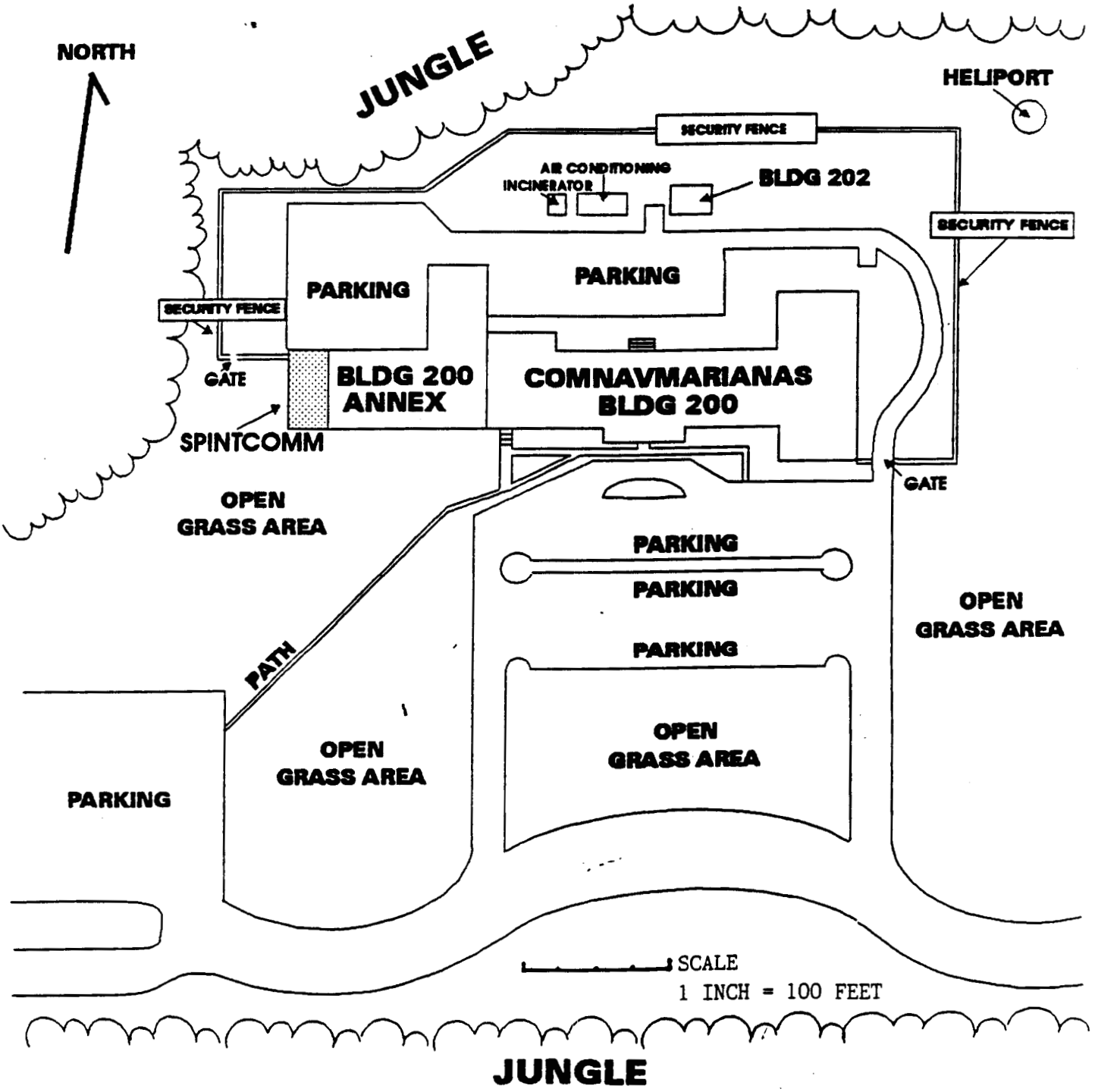
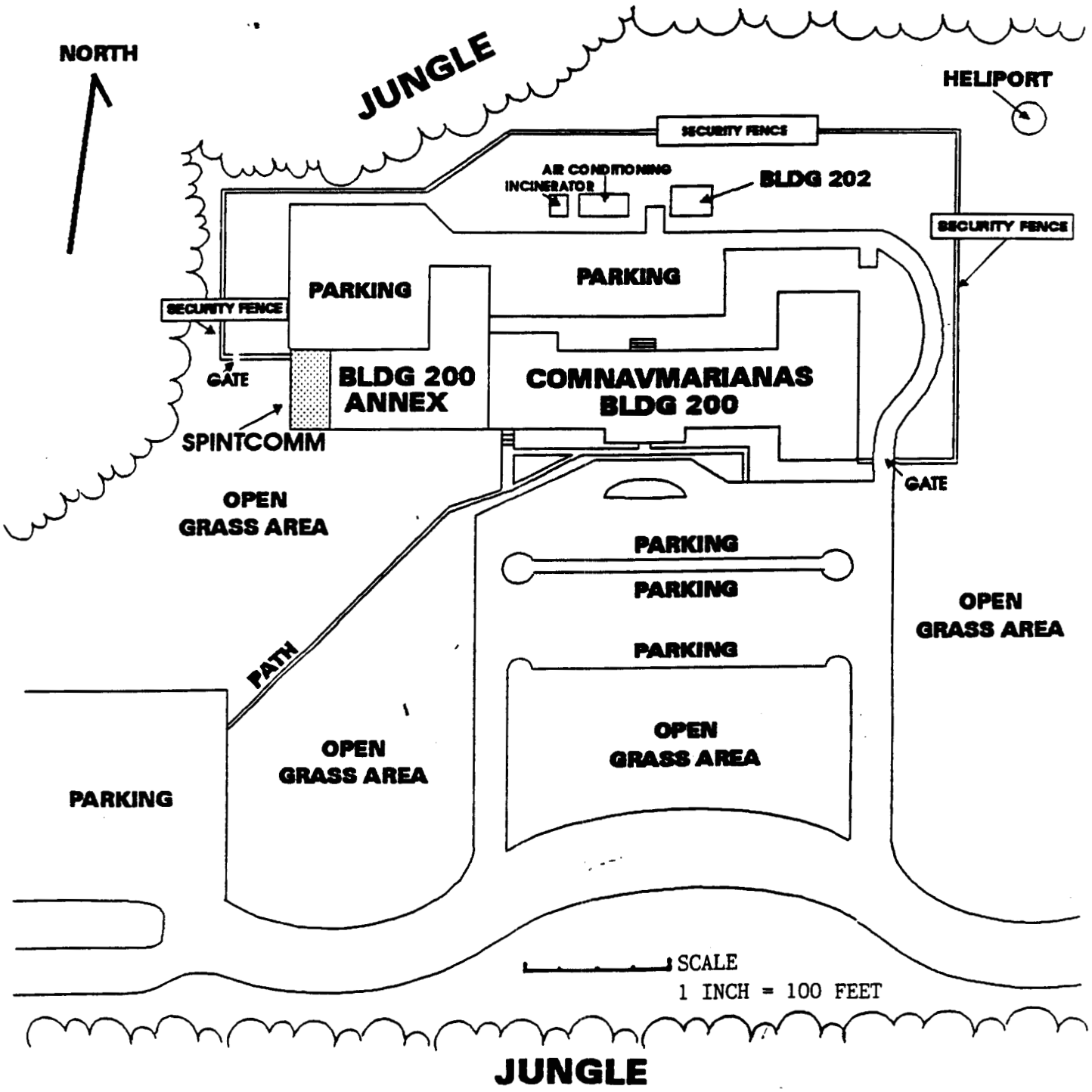
DCN 1

NAVAL PACIFIC METEOROLOGY AND OCEANOGRAPHY CENTER WEST / JOINT TYPHOON WARNING CENTER GUAM



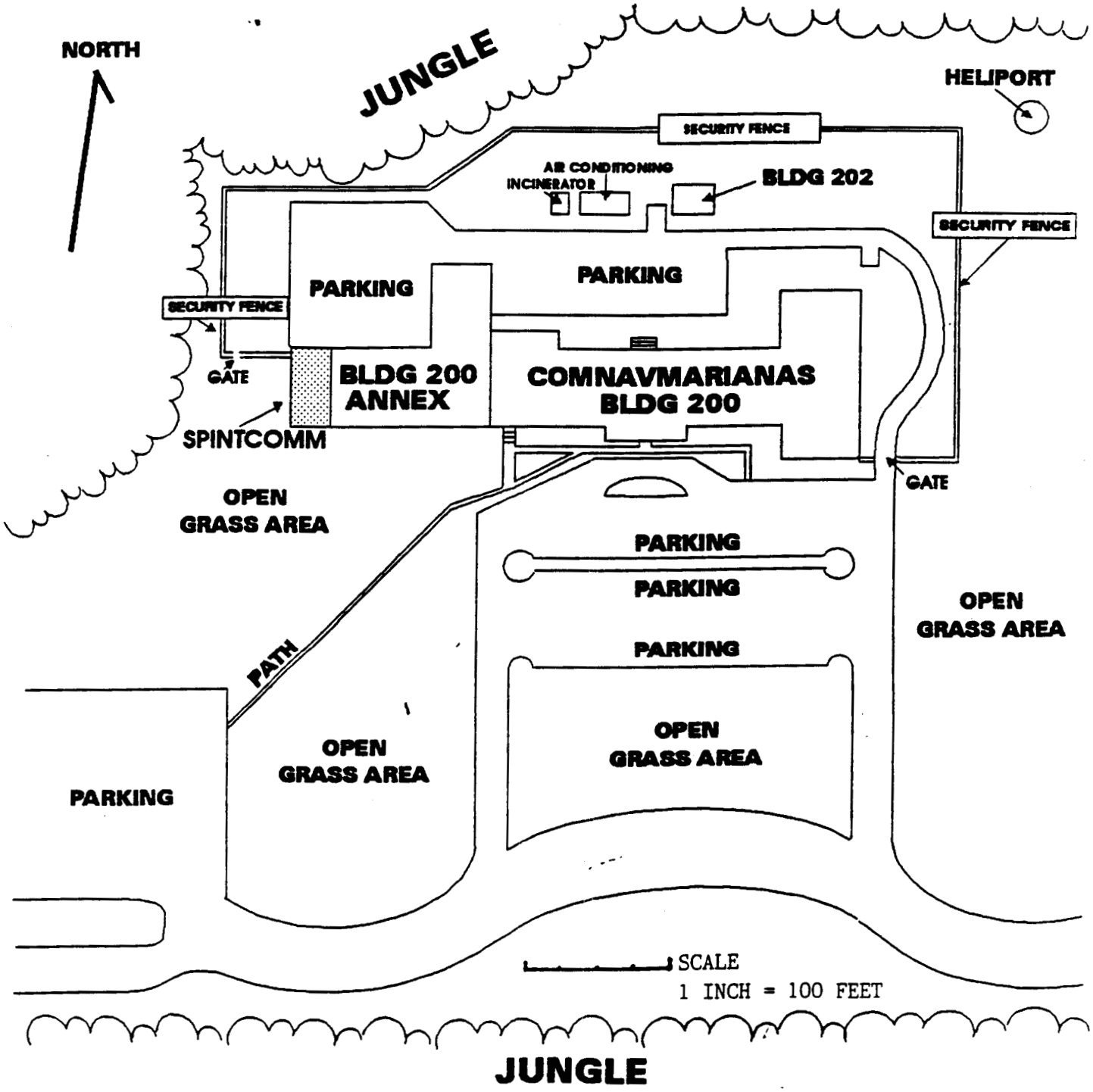
ENCLOSURE (4)

NAVAL PACIFIC METEOROLOGY AND OCEANOGRAPHY CENTER WEST / JOINT TYPHOON WARNING CENTER GUAM



ENCLOSURE (4)

NAVAL PACIFIC METEOROLOGY AND OCEANOGRAPHY CENTER WEST / JOINT TYPHOON WARNING CENTER GUAM



ENCLOSURE (4)

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

DONALD A. MAUTNER, CAPT, USN
NAME (Please type or print)

Signature

COMMANDING OFFICER
Title

22 JUNE '94
Date

NAVPACMETOCCEN WEST/JTWC GUAM
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)

RICHARD J. PENTIMONTI, CAPT, USN
NAME (Please type or print)

Signature

COMMANDING OFFICER
Title

23 June 1994
Date

NAVPACMETOCCEN, PEARL HARBOR, HI
Activity

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

MAJOR CLAIMANT
~~NEXT ECHELON LEVEL~~ (if applicable)

JOHN E. CHUBB, RADM, USN
NAME (Please type or print)

Signature

COMMANDER
Title

27 June 94
Date

NAVMETOCCOM, STENNIS SPACE CENTER, MS
Activity

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

~~MAJOR CLAIMANT LEVEL~~

GEORGE W. DAVIS, RADM, USN
NAME (Please type or print)

Signature

OCEANOGRAPHER OF THE NAVY
Title

Date

CHIEF OF NAVAL OPERATIONS (N096)
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

BRAC-95 CERTIFICATION

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

DEBRA S. FREEBERG, YNC(AW/AC), USN
NAME (Please type or print)

Debra S. Freeberg
Signature

ADMIN CHIEF
Title

21 June 94
Date

Division

ADMINISTRATION DEPARTMENT
Department

NAVPACMETOCCEN WEST/JTWC GUAM
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.

WILLIAM S. WORTHINGTON, AGC(SW), USN
NAME (Please type or print)

Signature

OCEANOGRAPHIC SERVICES OFFICER
Title

21 JUN 94
Date

OCEANOGRAPHIC OFFICE
Division

OPERATIONS DEPARTMENT
Department

NAVPACMETOCCEN WEST/JTWC GUAM
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.

CRISTY L. TREHARNE, LTJG, USN
NAME (Please type or print)

Signature

SPECIAL PROJECTS OFFICER
Title

21 JUN 04
Date

SPECIAL PROJECTS DIVISION
Division

OPERATIONS DEPARTMENT
Department

NAVPACMETOCCEN WEST/JTWC GUAM
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.

DAVID M. HONE, LT, USN
NAME (Please type or print)

Signature

COMMUNICATIONS LIAISON OFFICER
Title

21 Jun 94
Date

COMMUNICATIONS LIAISON OFFICE
Division

OPERATIONS DEPARTMENT
Department

NAVPACMETOCCEN WEST/JTWC GUAM
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.

EUGENE P. TRAMM, LT, USN
NAME (Please type or print)

Eugene P. Tr
Signature

EQUIPMENT SUPPORT OFFICER
Title

June 21, 1994
Date

Division

EQUIPMENT SUPPORT DEPARTMENT
Department

NAVPACMETOCCEN WEST/JTWC GUAM
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.

REBECCA E. STONE, LT, USN
NAME (Please type or print)

Rebecca E Stone
Signature

ASSISTANT OPERATIONS OFFICER
Title

22 Jun 94
Date

Division

OPERATIONS DEPARTMENT
Department

NAVPACMETOCCEN WEST/JTWC GUAM
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.

BRUCE J. MORRIS, LT, USN
NAME (Please type or print)

Signature

FLEET SERVICES OFFICER
Title

6-21-94
Date

FLEET SERVICES OFFICE
Division

OPERATIONS DEPARTMENT
Department

NAVPACMETOCCEN WEST/JTWC GUAM
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.

ERNEST P. PETZRICK, LCDR, USN
NAME (Please type or print)

JT OPERATIONS OFFICER
Title

Division

JTWC
Department

NAVPACMETOCCEN WEST/JTWC GUAM
Activity

Signature

21 June 1994
Date

Enclosure (1)

BRAC-95 CERTIFICATION

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

CHARLES M. WHITE, LCDR, USN
NAME (Please type or print)

Charles M White
Signature

OPERATIONS OFFICER
Title

21 JUN 94
Date

Division

OPERATIONS DEPARMTENT
Department

NAVPACMETOCCEN WEST/JTWC GUAM
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.

BRETT T. SHERMAN, CDR, USN
NAME (Please type or print)

Brett T. Sherman
Signature

EXECUTIVE OFFICER
Title

21 June, 1994
Date

Division

Department

NAVPACMETOCCEN WEST/JTWC GUAM
Activity

87

CAPACITY ANALYSIS

DATA CALL WORK SHEET

FOR NAVAL METEOROLOGY AND OCEANOGRAPHY CENTERS:
NAVPACMETOCCEN WEST/JOINT TYPHOON WARNING CENTER

PRIMARY UIC: 61685

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
METOCCEN	FLENUMMETOCCEN	MONTEREY, CA
METOCCEN	NAVPACMETOCCEN	PEARL HARBOR, HI
METOCCEN	NAVPACMETOCCEN WEST	GUAM
METOCCEN	NAVLANTMETOCCEN	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.

Data gathering efforts directly controlled by NAVPACMETOCCEN WEST/JTWC Guam include:

A. Geostationary and Polar Orbiting Weather Satellite Data:

(1). Geostationary satellite data is downlinked directly from the Japanese Geostationary Meteorological Satellite (GMS) via the Harris Naval Satellite Display System or the USAF MK III and MK IVB systems. Data received includes high resolution visual and infrared earth images for processing as still and looped displays.

(2). AN/SMQ-11. Receives meteorological satellite data from the Japanese Geostationary Meteorological Satellite (GMS), DMSP satellites, and NOAA satellites via the AN/SMQ-11 satellite receiving system. Data collected are infrared, near infrared, and visual imagery (normal and hi-resolution).

(3). DMSP and NOAA polar orbiting satellites directly downlink data via the USAF MK III and MK IVB systems. Data received includes multispectral images and Special Sensor Micro Wave Images (SSM/I) processed as still images and depictions of winds, sea surface and atmospheric temperatures, and atmospheric water vapor.

B. Synoptic Data:

(1). Drifting weather buoy data is directly recovered via the Local User Terminal (LUT). Data includes: sea level pressure, temperature, and wind speed/direction on select buoys.

(2). Synoptic weather observations are directly recovered via various systems: Automated Weather Distribution System (AWDS), Automated Weather Network (AWN), Air Field Telecommunications Network (AFTN), HF Radio communications, and telephonically via voice or FAX. Data includes but is not limited to: sea level pressure, temperature, winds, rainfall, cloud types, visibility, and upper atmospheric information.

(3). Local winds (speed/direction) are recorded via a AN/UMQ-5 Anemometer.

(4). Local rainfall is measure via a overhead mounted rain gauge.

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.
3B2 LAN	APR 91	85%	15%	90%	10%	95%	5%
TESS 3.0	MAR 94	N/A	N/A	N/A	N/A	N/A	N/A
NEDS	FEB 80	90%	10%	85%	15%	80%	20%

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: AT&T 3B2

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	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Model Validation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Prediction/Forecast Generation	15%	N/A	N/A	25%	N/A	N/A	35%	N/A	N/A
Product Development[1]	20%	N/A	N/A	25%	N/A	N/A	25%	N/A	N/A
Other	65%	N/A	N/A	50%	N/A	N/A	40%	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

[1] Product Development includes any publications, tactical memos, etc., designed for educational, operational or training distribution.

Computer Model/Type: TESS 3.0 - BECAME OPERATIONAL FY 94

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	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Model Validation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Prediction/Forecast Generation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Product Development[1]	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Other	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

[1] **Product Development includes any publications, tactical memos, etc., designed for educational, operational or training distribution.**

Computer Model/Type: 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	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Model Validation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Prediction/Forecast Generation	70%	N/A	N/A	70%	N/A	N/A	70%	N/A	N/A
Product Development[1]	30%	N/A	N/A	30%	N/A	N/A	30%	N/A	N/A
Other	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

[1] **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	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	2	.1	.1	.1	.1	.1	.1	.1	N/A
	3	N/A	2	2	2	2	2	2	N/A
	4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Computer Operation and Maintenance	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	2	.1	1.1	1.1	1.1	1.1	1.1	1.1	N/A
	3	N/A	11	17	17	17	17	17	N/A
	4	N/A	.2	.2	.2	.2	.2	.2	N/A
	5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Model Development	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Model Validation	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	2	.1	.1	.1	.1	.1	.1	.1	N/A
	3	N/A	1	1	1	1	1	1	N/A
	4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*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	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	2	.2	.2	1.2	1.2	1.2	1.2	1.2	N/A
	3	N/A	86	94	94	94	94	94	N/A
	4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Product Development	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	2	.2	.2	.2	.2	.2	.2	.2	N/A
	3	N/A	2	2	2	2	2	2	N/A
	4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Admin & Support	1	N/A	N/A	1	1	1	1	1	N/A
	2	3.1	3.1	3.1	3.1	3.1	3.1	3.1	N/A
	3	N/A	5	5	5	5	5	5	N/A
	4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Product Distribution	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	2	.2	.2	.2	.2	.2	.2	.2	N/A
	3	N/A	1	1	1	1	1	1	N/A
	4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Other[1]	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	2	N/A	1	1	1	1	1	1	N/A
	3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*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.

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
137-10	Computer Area	2,560	2,560	2,560	2,560	2,560	2,560	2,560	2,560
137-10	Operations/Equipment support	6,800	6,800	6,800	6,800	6,800	6,800	6,800	6,800
137-10	Unclass Communications	3,300	3,300	3,300	3,300	3,300	3,300	3,300	3,300
137-10	Classified Communications	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
137-10	Administrations/Library/Conference/Mechanical Equipment	7,140	7,140	7,140	7,140	7,140	7,140	7,140	7,140
137-10	Optimum Track Ship Routing	300	300	300	300	300	300	300	300
TOTAL		19,100	19,100	19,100	19,100	19,100	19,100	19,100	19,100

Remarks: Data taken from Facility Planning Criteria for Navy and Marine Corps Shore Installations, NAVFAC P-80, Department of the Navy Naval Facilities Engineering command.

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.

Operational reports transmitted NAVPACMETOCCEN WEST/JTWC Guam can take several routes depending on what type of media is used to transport the report. Normally electronically generated reports are sent via unclassified e-mail utilizing the Defense Data Network (DDN) MILNET to reach those commands which are connected to the DDN and are running e-mail servers. All primary and backup communications is routed via our servicing Naval TeleCommunications Center (NTCC) at Nimitz Hill and NCTAMS WESTPAC Guam.

The primary route for all DDN MILNET related traffic is via circuit XDUE between NAVPACMETOCCEN WEST/JTWC and NCTAMS WESTPAC Guam's MILNET host. This is a 56 Kb/s circuit and is digital from point to point. Currently there is no way to backup this circuit due to the high transmission rate. Planned fiber optic installation between Nimitz Hill and NCTAMS WESTPAC Guam will

improve circuit reliability and quality, as well as enhance possibilities for backup restorals.

Operational reports destined for locations not serviced by DDN MILNET or classified other than unclassified are sent electronically via AUTODIN. AUTODIN connectivity is via command GATEGUARD terminal, which is connected to a PCMT at our servicing NTCC here at Nimitz Hill. A dedicated encrypted circuit (SNCN) provided the connectivity to Camp Smith in Hawaii. Backup restoral can be provided using the Defense Switched Network (DSN) dial-up route and STU-III's to provide encryption. The GATEGUARD itself can also be restored via DSN dial-up directly with Camp Smith or other NAVCOMPARS. The command also has the ability to send data files via PC to PC transfer on DSN or commercial lines as well as covered STU III lines.

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	FY *
TROP. CYCLONE R&D	**MAN HRS**	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**N/A**
FILE TRANSFERS	**(CHARTS)**	*	*	**500**	**500**	**400**	**400**	**400**	**N/A**
SHIP OBSERVATIONS INSER-TIONS	**OBS. BLOCKS INSERTED**	**1460**	**1460**	**1460**	**1460**	**1460**	**1460**	**1460**	**N/A**
TOMAHAWK ENVIRONMENTAL	**MESSAGES PROCESSED**	**1460**	**1460**	**1460**	**1460**	**1460**	**1460**	**1460**	**N/A**
ANNUAL TROPICAL CYCLONE REPORT	**COPIES REQUESTED**	**500**	**500**	**500**	**500**	**500**	**500**	**500**	**N/A**

SERVICES PROVIDED	UNITS	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	FY *
SSO	**BILLETS MANAGED**	**50**	**50**	**50**	**46**	**46**	**46**	**46**	**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.

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: **NAVPACMETOCCEN WEST** UIC: **61685**

Table 8.1

Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/Day
Area/Route Forecasting	9045	9201	9357	9350	9450	9500	9500	24
Ship/Aircraft Routing	@	@	960	1000	1000	1000	1000	24
Flight Forecasting	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Heavy Weather Warnings	1610	2110	1650	1700	1700	1700	1700	24
Navy/Joint C4I System Support	4373	4487	4307	4232	4232	4232	4232	24
Pre-Deployment Briefings	*	*	41	50	50	50	50	24
Destructive Weather Briefings	*	*	50	50	50	50	50	24
Other	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Facility/Detachment: **NAVPACMETOCCEN WEST (CONT.)** UIC: **61685**

Table 8.1

Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/Day
TROPICAL CYCLONE WARNINGS #	1041	1155	1075	1000	1000	1000	1000	24
PROGNOSTIC REASON #	308	338	456	350	350	350	350	24
SIGNIFICANT TROPICAL WEATHER ADVISORY	730	730	730	730	730	730	730	24

@ - Services Started 1992
* - Data not available
# - DATA FOR FY 1995 THRU FY 2001 BASED ON 30 YEAR AVERAGE.

Facility/Detachment: **NAVPACMETOCCEN WEST (CONT)** UIC: **61685**

Table 8.1

Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/Day
Analysis Charts	1772	1772	1772	1772	1772	1772	1772	24
Forecast Charts	1460	1460	1825	1825	1825	1825	1825	24
Forecast Discuss	730	730	730	730	730	730	730	24
Weather Discuss	1460	1460	1460	1460	1460	1460	1460	24
Acoustic Products	*	*	20	21	22	22	22	24
Surf/Tidal	*	*	25	27	29	31	31	24
EO/EM Products	*	*	23	25	27	29	29	24
Astronomical Info	*	*	20	20	23	23	23	24

Facility/Detachment: **NAVPACMETOCCEN WEST (CONT)** UIC: **61685**

Table 8.1

Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/Day
Regional Oceanographic Analysis (ROA)	*	*	22	23	24	24	24	24
Oceano Climatology	*	*	21	22	22	22	22	24
Bathymetric Info	*	*	21	21	21	21	21	24
ASW Prosecution Support	*	*	10	10	10	10	10	24
QM WX Training	*	*	12	12	12	12	12	24
Ship Liaison	*	*	200	200	200	200	200	24
Typhoon Prep	*	*	50	50	50	50	50	24
Special Warfare	*	*	12	12	12	12	12	24

@ - Services Started 1992
* - Data not available

Facility/Detachment: **NAVPACMETOC DET AGANA** UIC: **66454**

Table 8.1

Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/Day
Area/Aircraft Routing	1460	1460	1825	910	***	***	***	24
ACFT Routing	*	*	363	200	***	***	***	24
Flight Forecasting	7493	4105	6925	3450	***	***	***	24
Heavy Weather Warnings	339	337	409	200	***	***	***	24
SIGMETS	301	537	35	50	***	***	***	24
Climo RQST	46	37	61	30	***	***	***	24
Destructive Weather Briefings	**				***	***	***	
Other	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

* - Data not available.

** - No records available. Estimate four per day when NAS is in Typhoon/Tropical Storm Condition 2 and 1.

*** - BRAC 1993 closure

Facility/Detachment: **NAVPACMETOC DET DIEGO GARCIA** UIC: **35583**

Table 8.1

Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/Day
Area/Route Forecasting	2190	2190	2190	2190	2190	2190	2190	24
Aircraft Routing	180	171	155	160	160	160	160	24
Flight Forecasting	2175	2175	1614	1800	1800	1800	1800	24
Heavy Weather Warnings	300	351	134	240	240	240	240	24
Navy/Joint C4I System Support	N/A	N/A	N/A	NA	N/A	N/A	N/A	N/A
Pre-Deployment Briefings	10	4	14	15	15	15	15	24
Destructive Weather Briefings	5	5	5	5	5	5	5	24

Other	30	50	40	40	40	40	40	24

Facility/Department: **NAVPACMETOC DET BAHRAIN** UIC: **35583**

TO OPEN AUG 1994. NO HISTORICAL DATA AVAILABLE. REQUESTS TBD BY COMUSNAVCENT TASKING.

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).

NAVPACMETOCDET DIEGO GARCIA:

Detachment is open 24 hours per day.

NAVPACMETOCDET AGANA:

Detachment is open 24 hours per day; however, Detachment will disestablished 01 April 1995. (BRAC 93)

NAVPACMETOCDET BAHRAIN

Detachment to be commissioned 01 AUG 1994. Detachment open 24 hours per day.

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.

NAVPACMETOCDET DIEGO GARCIA:

None.

NAVPACMETOCDET AGANA:

Scheduled for disestablishment 01 April 1995.

NAVPACMETOCDET BAHRAIN

None. Detachment to be commissioned 01 AUG 1994.

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.

XDUE - DDN MILNET connectivity. Interfaces with the Wide Area Network (WAN) via the DDN MILNET Packet Switching Node (PSN) located at NCTAMS WESTPAC Guam. This circuit is for unclassified data only and is the primary data path for both incoming and outgoing unclassified data to NAVPACMETOCCEN WEST/JTWC/JTWC to/from the world. As stated above, this is a 56 Kb/s circuit between NAVPACMETOCCEN WEST/JTWC and NCTAMS WESTPAC Guam. Backup restoral for this circuit is not currently available.

Systems connected to the DDN MILNET via circuit XDUE are as follows: Unclassified AT&T 3B2 computer, Cisco Router system, BLACK NODDES computer system, MISTIC computer workstation, NSDS-G satellite computer system, M1000 PC, and various ethernet connected PC's.

XD17 - DDN DSNET connectivity. Interfaces with the WAN via DDN DSNET PSN located at HICKAM AFB Hawaii. This circuit is for classified data up to secret and is the primary data path for both incoming and outgoing secret data to NAVPACMETOCCEN WEST/JTWC to/from the world. This is a 19.2 Kb/s encrypted circuit between NAVPACMETOCCEN WEST/JTWC and Hickam AFB Hawaii. Backup restoral for this circuit is also not currently available.

Systems connected to the DDN DSNET via circuit XD17 are as follows: Timeplex Router system, classified AT&T 3B2 computer, RED NODDES computer system, DTC-2 JOTS system, TAC-3 JOTS/NITES system, and various ethernet connected PC's.

OF60 - NITES/RED NODDES to SHF connectivity. Currently used in a backup configuration with NAVPACMETOCCEN for the transmission of RED NODDES gridded fields to fleet via SHF out of NCTAMS EASTPAC Hawaii. This is a 9.6 Kb/s encrypted circuit between NAVPACMETOCCEN WEST/JTWC and NPMOC Hawaii. The backup restoral is via circuit KCSW between NAVPACMETOCCEN WEST/JTWC and NPMOC if the normal satellite path is down. System currently connected to this circuit is the RED NODDES system.

KBYR - JOTS connectivity (backup). Interfaces the NAVPACMETOCCEN WEST/JTWC DTC-2 JOTS system with the NPMOC's JOTS system via a 2.4 Kb/s encrypted circuit. Circuit is currently used to pass JOTS to JOTS related data if DSNET route is lost. Note, other DSNET related traffic can NOT be processed by this circuit. The backup restoral is via circuit KCSW between NAVPACMETOCCEN WEST/JTWC and NPMOC if the normal satellite path is down. System currently connected to this circuit is the DTC-2 JOTS system.

XJL6 - Fleet BCST (GMHH) Classified insert and Off-the-air Monitor (OTAM). Interfaces NAVPACMETOCCEN WEST/JTWC with the classified FLT BCST (GMHH) for the Western Pacific (WPAC). Circuit is a 75 baud (TTY) encrypted circuit between NAVPACMETOCCEN WEST/JTWC and NCTAMS WESTPAC Guam. The transmit portion is used to insert classified data onto the GMHH, the receive portion is used to OTAM both the normal keystream and the classified inserts. This circuit does not have

a backup route. This circuit is connected to the DTC-2 JOTS system and the RED NODDES system.

SEA9 - Fleet BCST (GMWW) Classified insert and Off-the-air Monitor (OTAM). Interfaces NAVPACMETOCCEN WEST/JTWC with the classified FLT BCST (GMWW) for the Indian Ocean (IO). Circuit is a 75 baud (TTY) encrypted circuit between NAVPACMETOCCEN WEST/JTWC and NCTAMS WESTPAC Guam. The transmit portion is used to insert classified data onto the GMWW, the receive portion is used to OTAM both the normal keystream and the classified inserts. This circuit does not have a backup route. This circuit is connected to the DTC-2 JOTS system and the RED NODDES system.

KDNX - Automated Weather Distribution System (AWDS). Provides graphics data to the AWDS system via a 9.6 Kb/s circuit from Hickam AFB, Hawaii to NAVPACMETOCCEN WEST/JTWC, Guam. System connected to this circuit consists of the AWDS CD/M computer system and two ethernet connected computer workstations.

KDNY - AWDS Automated Weather Network (AWN). Provides AWN data to the AWDS system via a 9.6 Kb/s circuit from Hickam AFB, Hawaii to NAVPACMETOCCEN WEST/JTWC, Guam. System connected to this circuit consists of the AWDS CD/M computer system and two ethernet connected computer workstations.

25HE - Special Projects. Provides 2.4 Kb/s encrypted connectivity between NAVPACMETOCCEN WEST/JTWC Special Project and the Security Group (SECGRP) at NCTAMS WESTPAC. Currently restoral can be done via copper land lines.

KCWT - NEXRAD System. This is a 9.6 Kb/s circuit between the on-island NEXRAD radar site and NAVPACMETOCCEN WEST/JTWC. Dial-up modem connectivity is the backup restoral for this circuit. The NEXRAD Principle User Position (PUP) computer is connected to this circuit.

A005 - Airfield Fixed Teletype Network. This 75 baud circuit is between NAVPACMETOCCEN WEST/JTWC and NCTAMS WESTPAC Guam. Currently no backup restoral is available for this circuit. It is connected to a AFTN terminal at NAVPACMETOCCEN WEST/JTWC.

KBFF - NOAA Weather Radio. This is a voice circuit between NAVPACMETOCCEN WEST/JTWC and NPMOC DET Agana. It provides the backup for the NOAA Weather Radio during Typhoon Condition II and I. There is no backup restoral for this circuit. It is connected to the NOAA Weather Radio equipment.

K4EB - AWN/PACMEDS. This is a 1.2 Kb/s circuit between NAVPACMETOCCEN WEST/JTWC and NCTAMS WESTPAC Guam. The data received via this circuit can also be received via the AWDS system's AWN circuit (KDNY). No backup restoral is available for this circuit. It is connected to the following systems: RED NODDES (RCV only), BLACK NODDES (RCV only), and three PC's (XMT & RCV).

KRHP - WPAC FLT BCST (GMHH). This is a 75 baud (TTY) circuit between Hickam

AFB, Hawaii and NAVPACMETOCCEN WEST/JTWC Guam. It is split off at NCTAMS WESTPAC Guam and used to key the WPAC FLT BCST (GMHH). The circuit terminates at NAVPACMETOCCEN WEST/JTWC to a PC which is used as a OTAM for the unclassified keystream going to the GMHH.

SPD5 - IO FLT BCST (GMWW). This is a 75 baud (TTY) circuit between Hickam AFB, Hawaii and NAVPACMETOCCEN WEST/JTWC Guam. It is split off at NCTAMS WESTPAC Guam and used to key the IO FLT BCST (GMWW). The circuit terminates at NAVPACMETOCCEN WEST/JTWC to a PC which is used as a OTAM for the unclassified keystream going to the GMWW.

KBQK - WPAC SHF TESS BCST. This is to be a 9.6 Kb/s encrypted circuit between NAVPACMETOCCEN WEST/JTWC and either NCTAMS WESTPAC and/or EASTPAC. Currently awaiting change out of existing crypto equipment and path reconfiguration.

KBQL - IO SHF TESS BCST. This is to be a 9.6 Kb/s encrypted circuit between NAVPACMETOCCEN WEST/JTWC and either NCTAMS WESTPAC, NCTAMS EASTPAC, or FT BUCKNER. Currently awaiting change out of existing crypto equipment, keymat, and path configuration.

KFBV - WPAC HF FAX BCST (GFAX). Circuit is a voice frequency send only path carrying audio FAX data, in a frequency shift-key (FSK) format, to on/off island users and transmitters. Data consists of products retrieved via modem from FLENUMMETOCCEN, locally developed products, and locally retrieved satellite pictures. Circuit is between NAVPACMETOCCEN WEST/JTWC and on island users at NAVPACMETOCDET Agana and the Navy transmitter site. Off island the circuit support users at the NAVPACMETOCFAC Yokosuka, NAVPACMETOCDET Atsugi, NAVPACMETOCDET Kadena, and transmitters at Totsuka, Japan.

K3SN - IO HF FAX BCST (GFAX). Circuit is a voice frequency send only path carrying audio FAX data, in a frequency shift-key (FSK) format, to on/off island users and transmitters. Data consists of products retrieved via modem from FNMOC, locally developed products, and locally retrieved satellite pictures. Circuit is between NAVPACMETOCCEN WEST/JTWC and the Navy transmitter site. Off island the circuit support users at the NAVPACMETOCDET Diego Garcia, and transmitters at Diego Garcia.

HF RADIO TRANSCEIVER. System includes a PK232 PAKRATT used to pass data to outer islands not supported by direct telephone capabilities.

TELEX - Used to communicate with ships (MSC only) not supported by AUTODIN or other means of communications.

Defense Switched Network (DSN) - This network provides us with voice and data communications via DSN trunking, FTS trunking, local GTA carrier, MCI, Sprint, AT&T/IT&E and secure satellite telephone (STEL). Data is retrieved from FNMOC (Monterey) and then transmitted via STEL/STU connectivity to the fleet. Also supported by the DSN are PC generated facsimile reports and warnings to users on and off

island.

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

A. Unique capabilities:

(1) Provide "special" (inclusive through TOP SECRET Sensitive Compartmented Information (SCI)) meteorological and oceanographic (METOC) forecasts and products in direct support of National Command Authority (NCA), operational units of Commander, SEVENTH and THIRD Fleets and COMUSNAVCENT for geographical area 17 degrees East to west coast of North America.

(2) Operate 24 hour operational Special Intelligence Communications Center (SPINTCOMM) in direct support of NAVPACMETOCCEN WEST/JTWC, COMNAVMARIANAS, USCINCPAC REP Guam, and USS HOLLAND.

(3) Operate 24 hour operational Sensitive Compartmented Information Facility (SCIF) in direct support of NAVPACMETOCCEN WEST/JTWC, COMNAVMARIANAS, USCINCPAC REP Guam, USS HOLLAND, and NISE WEST FAC Guam.

(4) Special Security Officer (SSO) manages 28 SCI Billets for following NAVMETOCCOM western Pacific claimants:

- NAVPACMETOCCEN WEST/JTWC Guam
- NAVPACMETOC DET Misawa Japan
- NAVPACMETOC DET Atsugi Japan
- NAVPACMETOC DET Kadena Japan
- NAVPACMETOC DET Diego Garcia

(5) SSO manages 4 COMNAVMARIANAS SCI billets.

(6) SSO manages 14 NISE WEST FAC Guam SCI billets.

(7) Tropical Cyclone forcast center for 1/3 of the world. (see 11,c,(3))

B. Unique equipment:

(1) Operate 24 hour operational SPINTCOMM, and all corollary equipment. Equipment inventory classified CONFIDENTIAL.

(2) Operate 24 hour operational SCIF, and all corollary equipment. Equipment inventory classified CONFIDENTIAL.

C. Unique facilities:

(1) SPINTCOMM (see 11,A,(2))

(2) SCIF (see 11,A,(3))

(3). JOINT TYPHOON WARNING CENTER:

(a). The Joint Typhoon Warning Center (JTWC) is the only military organization directly tasked with the responsibility to locate, track, analyze, and provide warnings on tropical cyclones in their AOR (Dateline, 180 deg E, to east African coastline, north and south hemispheres). The JTWC was established 1 May, 1959 by Commander In Chief Pacific (CINCPAC) to ensure uniformity of typhoons warnings. The JTWC operations are guided by CINCPAC Instruction (CINCPACINST 3140.1 series). The JTWC was placed under the command of the Commanding Officer, then Fleet Weather Central now Naval Pacific Meteorology and Oceanographic Center, West. CINCPAC directed the JTWC be manned by USN and USAF officers, senior USAF designated as the director, senior USN designated as the deputy director. In May 1971, Detachment 1, First Weather Wing, now called Det1, 633rd OSS was established and colocated with the JTWC to provide satellite imagery. Agreed manning levels by the USN and USAF are:

USAF-4 Officers (Director, 3 Typhoon Duty Officers (TDO)), 5 Enlisted (Typhoon Duty Assistants (TDA))

USN-5 Officers (Deputy Director, 4 TDO's), 6 Enlisted (TDA's), and 1 Civilian (GS-12) technical advisor.

(b). SATELLITE DATA INTERFACE BETWEEN COMMERCIAL,USN, AND USAF PROCESSING, DISPLAY, AND ANALYSIS DEVICES:

((1)). Polar Orbiting Satellite data is received from FLENUMMETOCCEN via Milnet and interfaced to the Mission Sensor Tactical Imaging Computer (MISTIC), a unique U.S. Air Force sponsored, NASA workstation that allows display and analysis of the data. The polar orbiting satellite data can also be downlinked directly to the MISTIC via the USAF MK III or MK IVB satellite systems.

The USAF MK IVB satellite system has display and limited analysis capabilities.

((2)). Geostationary Satellite data is downlinked by commercial, Harris Corp. or USAF, MK III or MK IVB, systems and interfaced via the USN 3B2 Local Area Network (LAN) to the USAF sponsored Meteorological Imagery, Data Display, and Analysis System (MIDDAS) system and the USN sponsored Naval Satellite Display System-Geostationary (NSDS-G) for display and analysis.

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.

A. Satellite down link data:

(1). FLENUMMETOCCEN collects 100% of the satellite data currently used by JTWC via T1 lines and commercial agreements.

(2). Naval Postgraduate School, Monterey, Ca. receives 30% of the satellite data used by JTWC. No high resolution GMS data is received. Real time full resolution polar satellite data is not received. Time late smoothed polar satellite data is received.

(3). NAVPACMETOCFAC Yokosuka, Japan is geographically positioned to directly downlink 100% of the data from GMS and polar orbiting satellites. Additional equipment for processing and analysis, and additional trained technicians would be required.

(4). NAVPACMETOCCEN Pearl Harbor and the Alternate Joint Typhoon Warning Center collect about 20% of the satellite data used by JTWC. Their greatest weakness is lack of High Resolution Data which is critical to TC fixing and analysis. Installation of dedicated T1 lines and processing equipment and additional trained technicians would be required to duplicate JTWC data gathering.

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.

No Naval activity can manage NAVPACMETOCCEN WEST/JTWC Guam's data gathering locations or systems on a remote basis. Current systems require constant monitoring of automatic download and frequent operator intervention to reset the system.

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.

A. NAVPACMETOCCEN Pearl Harbor HI - Issues Significant Tropical Weather Advisory for their AOR and could issue for JTWC AOR as well. Alternate Joint Typhoon Warning Center (AJTWC), located with NAVPACMETOCCEN, issues Tropical Cyclone Warnings and Prognostic Reasoning on storms in their AOR and, as required, for the JTWC AOR during limited JTWC outages. Tropical Cyclone Warnings, Prognostic Reasoning, Significant Tropical Weather Advisory, and the Annual Tropical Cyclone Report are unique to the charter of the JTWC and AJTWC.

B. NAVICECEN, Suitland MD has the capability (METOC expertise, SCIF/SPINTCOMM accreditation and corollary equipment) to currently substitute information distribution for NAVPACMETOCCEN WEST/JTWC Special Projects Division with existing equipment. To substitute for prediction/forecasting on a long term basis:

(1) NAVICECEN would require a minimum manning increase of 10 personnel (including five 7412 NEC Aerographer's Mates with current SSBI's).

(2) NAVICECEN would require access to NAVPACMETOCCEN WEST/JTWC dedicated data requirements (meteorological and oceanographic, to include satellite imagery).

(3) NAVICECEN SSO function/administration would increase commensurate with increased manning (billets require SCI indoctrinated personnel).

C. NAVOCEANO can send acoustic numerical products, but via AUTODIN traffic only,

most products are needed on JOTS.

D. NAVPACMETOCCEN, Pearl Harbor, HI: GFAX (HF Facsimile Broadcast): Can simultaneously handle only two of the three (IO, WPAC, EPAC) facsimile broadcasts. However, Combined broadcasts do not support current fleet requirements.

E. FLENUMMETOCCEN, Monterey CA: Could distribute Tomahawk Environmental Support Product directly to CTF 74 (COMSUBGRU SEVEN).

- 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 of oceanographic data which are unique to your distribution system.

Types of data:

	% DUPLICATED	% UNIQUE
Oceanographic Analysis	25	75
Meteorological Analysis	0	100
Special (NCA/SCI) METOC Support	0	100
Meteorological Forecasts	0	100
Acoustic Packages	0	100

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.

A. Any DOD or non-DOD organization that would substitute for the Joint Typhoon Warning Center (JTWC) would need to meet the following criteria:

(1) Have access to real time or near real time, multiple geostationary and polar orbiting satellite down link and processing equipment for tropical cyclone analysis.
(2) Have dedicated satellite imagery analysis technicians available on watch 24 hours per day.
(3) Have dedicated officer and enlisted personnel to stand watch as Typhoon Duty Officers (TDO) and Typhoon Duty Assistants (TDA) 24 hours per day. These personnel must have

sufficient security clearance to have routine access to military vessel locations and weather observations. TDO's must hold a graduate level education in meteorology and/or oceanography.
(4) Have routine access to all meteorological observations in the Indian Ocean, North Arabian Sea, Bay of Bengal, and Pacific Ocean to include overland through systems such as the Automated Weather Network (AWN), Airfield Fixed Telecommunications Network (AFTN), Local User Terminal (LUT), Global Telecommunications System (GTS), and Automated Weather Distribution System (AWDS).
(5) Have dedicated computer workstations for use of the Automated Tropical Cyclone Forecasting (ATCF) program. These terminals and programs serve to provide access to various meteorological model field and aid information for comparison with satellite and local observations to provide timely and accurate tropical cyclone forecasts. Post storm analysis and academic data research is also conducted with the aid of these computer terminals.
(6) Have access to a robust Local Area Network (LAN) to handle the vast amounts of data that must be collected, analyzed, stored, and manipulated.
(7) Have access to a reliable and robust communications suite. Communications are required on Defense Switched Network (DSN), Automated Digital Network (AUTODIN), Commercial telecommunications to include FAX and data, and some form of standard computer information link such as INTELNET as well as DISNET and/or MILNET.
FUNDING: Funding for these requirements would by site by site specific. Military and Civilian facilities or locations that could reasonably be upgraded to perform JTWC duties include: FLENUMMETOCCEN Monterey CA, Naval Post Graduate School Monterey CA, NAVPACMETOCFAC Yokosuka Japan, and NAVPACMETOCCEN Pearl Harbor HI. The National Weather Service (NWS) Central Pacific Hurricane Center (CPHC) in Honolulu HI would require excessive funding for space and equipment modification and security access to military communications. NWS is currently upgrading their station on Guam to a forecasting level which would seem to meet many of the space and manning constraints. Unfortunately, NWS Guam would still lacks in military access and charter to cover the 53 million square mile AOR of the JTWC.

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.

Infrastructure Improvements:

(1) Electrical Power:
Power lines up Nimitz Hill to NAVPACMETOCCEN WEST/JTWC should be put underground to reduce storm damage. Estimate: $900,000
Capacity Gained: Reduced risk of power loss to center during typhoons.

(2) Potable Water:
A water storage tank and pumping station should be constructed near NAVPACMETOCCEN WEST/JTWC.
Estimate: $500,000
Capacity Gained: Watch personnel would have access to water for drinking, showers, and sanitation during water outages following any natural disasters. This is both an operational

and quality of life issue.

(3) Office Space:
An additional 1000 sq ft of office space is needed for JTWC.
Estimate: $600,000
Capacity Gained: Increased office space to relieve overcrowding of technical library, TDO offices, and research area.

(4) Parking and road surface:
Parking lot and road to NAVPACMETOCCEN WEST/JTWC should be resurfaced with a non-coral based asphalt.
Estimate: No estimates available
Capacity Gained: Safety item! This would reduce the risk of accidents to government and private vehicles.

(5) Low maintenance Heat Reflective Overhead:
The weather side of the overhead should be treated/painted with a heat reflective coating.
Estimate: $25,000
Capacity Gained: Increased energy efficiency of building would reduce demand for air conditioning.

(6) Windows:
Windows at NAVPACMETOCCEN WEST/JTWC should be replaced with thermally insulating, sun reflective windows that can withstand storm force winds (est 200 mph).
Estimate: $75,000
Capacity Gained: Increased energy efficiency through reduced heat loss. Reduce replacement costs through reduced storm damage to windows and spaces. Safety item for personnel in spaces during storms.

(7) Central Air Conditioning:
Air Conditioning for entire NAVPACMETOCCEN/JTWC building should be from two or three high capacity central air conditioning units. In addition all air conditioning units should be cross connected for emergency back-up in case of unit failure. This would allow for critical equipment cooling and decreased operational downtime.
Estimate: $450,000
Capacity Gained: Increased energy efficiency. Reduced operational costs through maintenance/replacement of window mounted air conditioners. Reduced risk of storm damage to window mounted air conditioners. Reduced heat stress on equipment due to air conditioning unit failure.

(8) Observation Porthole:
Install a storm safe observation porthole at NAVPACMETOCCEN WEST/JTWC.
Estimate: $75,000
Capacity Gained: Real time human and camera recorded observations of storm force winds during storm passage has great academic value. Installation of a high strength porthole designed to withstand storm force winds and debris damage would allow safe collection of these observations.

(9) Increase personnel manning as follows (requested 1994 SPINTCOMM Station Profile and 1994 SSO Station Profile):

(a) One 9110 NEC CTA1 for SSO Administrative Assistant (ASSO). Current ASSO (Senior Chief Aerographer's Mate) performs following functions: assists with management of 46 SCI billets, performs indoctrinations/debriefs and administrative functions, processes SSBI/SSBI-PR administrative requirements, manages SCI courier card security program, prepares correspondence/reports/ messages, manages publication change program. The current ASSO is additionally assigned the duties of Special Projects Division LCPO, Special Projects METOC Forecaster, SCIF computer systems manager, Assistant SCI Manager, Rapid Response Team member, Assistant Top Secret Control Officer, CMS Primary Alternate Local Holder Custodian, and Command Training Team member.

(b) CNO revision number 373962 dated 930823 cut all Cryptologic Technician Operator (CTO) billets (two CTO1 and two CTO2) from manpower Authorization. SPINTCOMM is not automated; NAVPACMETOCCEN WEST/JTWC requires that a minimum of two senior CTO's be assigned for SCI communications supervision, trouble-shooting, and training. Currently authorized NAVPACMETOCCEN WEST /JTWC SCI communications operators are junior Aerographer's Mates (AG3/AGAN/AGAA), with no communications experience, supervised by AG1/AG2 Weather Forecasters.

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.

Personal Property or Equipment changes:

(1) Storm Lockers:
NAVPACMETOCCEN WEST/JTWC should provide all command assigned Navy, Air Force, Civilian personnel with storm kits to include: food, water, sleeping bags, cots, sanitary items, cook stove, and radios.
Estimate: Start up, $100,000. Recurring, $10,000 per year.
Capacity Gained: Quality of Life. Providing up to 14 days of basic life necessities would relieve financial and mental burden on many service members. When island suffers storm damage many man hours are lost while service members ensure safety and support of their families. These provisions would help to relieve time lost to work. Ensure health and well being of service members and dependents.

(2) Ice Machine:
Install ice making machine at NAVPACMETOCCEN WEST/JTWC.

Estimate: $8,000
Capacity Gained: Sanitation and Quality of Life. Ice making capacity of Guam can be severely degraded after natural disasters. Installation of an ice machine at JTWC would allow command personnel routine access to this necessity without wasting numerous hours trying to locate ice on the economy.

(3) Manning:
Add two more USN and USAF, 4 total, graduate degree officers.
Add two more USN and USAF, 4 total, enlisted.
Add one more civilian, GS4/5 minimum.
Estimate: Salary and associated costs
Capacity Gained: Current manning levels are sufficient to maintain quality forecasts only. There are insufficient personnel to absorb losses due to emergency leave, injuries, or sickness. JTWC is also tasked with post storm analysis and academic research. Currently only the most basic of post storm analysis can be done. Academic research in almost nonexistent except that done during personal time. Increased manning would allow detailed post storm analysis and academic research. This would ultimately lead to improved fleet support through better forecasts and storm understanding. Enlisted support personnel are critical to data collection and display. The additional enlisted personnel should be automated data processing specialists to maintain the numerous computers and data processing systems required by JTWC. The GS4/5 should be a "desk top publishing" expert. JTWC is required to publish an annual summary of tropical cyclones. An inordinate number of man hours are wasted by military personnel compiling and publishing this critically important operational/academic document. One midgrade civil servant trained in desk top publishing would ultimately save the government large sums of money in wasted man hours and publishing time.

(4) Photographic Support:
Purchase two high quality video cameras and two high quality 35mm cameras.
Estimate: $4,000
Capacity Gained: Increased documentation of post storm damage assessment. Improved performance through creation on-site training materials. On-site training tapes are required due to the unique nature of the JTWC.

(5) Travel Funding:
Increase travel funding to level that would allow JTWC personnel to attend conferences and liaison meetings at various locations throughout the world.
Estimate: $30,000
Capacity Gained: Many military and academic facilities request visits by the JTWC which can not be performed due to funding constraints. There are also numerous conferences and support activity functions where representation by the JTWC would greatly improve the support and products derived.

(6) Local Area Network:
Purchase, installation and maintenance of a high capacity Local Area Network (LAN) and associated communications peripherals. We presently are using an AT&T 3B2 LAN. This system is scheduled to lose its maintenance support from AT&T in FY 95. In addition the increased communications load placed on the 3B2 system by the implementation of the

NODDES/TESS 3.0 is rapidly placing the system at its maximum capacity.
Estimate: $85,000
Capacity Gained: Increased communications and data ingest capability. Increased expansion capability to meet future data production/distribution requirements.

(7) Weather Data Distribution:
There should be one weather data distribution system for all the services.
Estimate: $20 million
Capacity Gained: The JTWC uses USN, USAF, and Civil data collection and display systems. This requires additional costs for phone line and data telecommunications support and personnel for maintenance. This also requires extra spent in training on different systems. One JOINT system should be used to consolidate the AWDS, TESS, and JOTS.

(8) Automated Data Plotters:
Automated data plotter should be installed at the JTWC to relieve humans of this tedious but highly important function.
Estimate: $5,000
Capacity Gained: Reduce human errors in decoding and hand plotting data. Increased efficiency of synoptic interpretation. Increased quality of product by relieving human of tedious requirement and allow increase effort in communications and data retrieval.

(9) Interactive Video:
Synoptic, Model, and Satellite data should be presented in an interactive format that would allow Typhoon Duty Officers to perform forecasting functions that presently require hardcopy products.
Estimate: $1.0 million
Capacity Gained: Improved forecasting skill. Reduce waste of a natural resource, paper. Improve post storm analysis through full data access and archival. System should include big screen display for briefings and media support.

(10) Global Geostationary Satellite Coverage:
Place a US controlled or internationally cooperative geostationary weather satellite in orbit over the Indian Ocean.
Estimate: $55 billion?
Capacity Gained: Tropical Cyclone forecasting for the Indian Ocean is severely degraded due to lack of geostationary satellite data. Satellite coverage would greatly increase accuracy of warnings for fleet support. The cost could be greatly reduced if international pressure was applied to convince the government of India to share their INSAT data on a real time basis.

(11) Automated Remote data stations:
Install mini/full ASOS and Vertical Sounders throughout Micronesia.
Estimate: $21 million
Capacity Gained: Many of the Micronesian islands experience tropical cyclone strikes or near misses. Installation of more automated data collection stations would reduce the grid size of data sources, vastly improving model performance and post storm analysis. Larger islands such as Guam should have numerous mini-stations that can collect and transmit pressure, wind speed and wind direction to the JTWC. A tighter grid of this data would

vastly improve post storm damage assessment, assist local civil defense and FEMA coordinators in locating areas that may require assistance, and academic understanding of tropical cyclones.

(12) Upgrade existing SPINTCOMM Fireboat terminals with Data Scope 2000 or greater. Upgrade would increase communications capacity, decrease maintenance costs, and decrease down time.
Estimate: No estimate available.

(13) Install MUSIC (Multi-User Special Intelligence Communications) communication system. System enables direct two-way communications interface with SCI capable platforms.
No Estimate: No estimate available.

(14) Update NAVPACMETOCCEN WEST/JTWC COMP GUAM telephone system. Existing system utilizes antiquated 6-wire circuitry which is not compatible with telephone systems currently considered standard. Telephone equipment currently in place can not be repaired or replaced due to age; new telephones are not compatible with existing wiring.
Estimate: No estimate available

(15) Install dedicated STEL number and line. Installation increases ability to conduct PC to PC electronic data transfers.
Estimate: No cost estimate available.

(16) Upgrade current 2400 bps modems to 19,200 bps. Increase in bps shortens transfer time and increases amount of data sent.
Estimate: $500

(17) Upgrade X-Y plotter. Current plotter cannot handle computer speeds in excess of those produced by 80286 processor based computers or take paper larger that 11" by 17".
Estimate: No estimate available.

(18) Purchase table size scanner. No capability exists at NAVPACMETOCCEN WEST/JTWC Guam to reproduce charts for electronic data transmission (PC to PC transfer).
Estimate: $2500.

(19) Upgrade all desktop computers to 80486 class processors or greater. This upgrade will increase ability to process/transmit data and is less prone to errors and breakdowns. Cost
Estimate: $60,000.

(20) Replace classified facsimile machine. This will enable NAVPACMETOCCEN WEST/JTWC to fax classified graphics to field/fleet users.
Estimate: No estimate available.

(21) Update the computer system to handle an increase and to improve product prediction and streamline distribution.
Estimate: No estimate available.

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. None currently.

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. **Not applicable to NAVPACMETOCCEN WEST.**

CCN:_____

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. **Not applicable to NAVPACMETOCCEN WEST.**

CCN:_____

Type Training Facility	Total Number	Design Capacity (PN)[1]	Capacity (Student HRS/YR)[2]
N/A			

[1] 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.

[2] 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. **Not applicable to NAVPACMETOCCEN WEST.**

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:

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?

Not applicable to NAVPACMETOCCEN WEST.

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.

Not applicable to NAVPACMETOCCEN WEST.

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:

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?

Not applicable to NAVPACMETOCCEN WEST.

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

Not applicable to NAVPACMETOCCEN WEST.

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:

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?

Not applicable to NAVPACMETOCCEN WEST.

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

Not applicable to NAVPACMETOCCEN WEST.

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:

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?

Not applicable to NAVPACMETOCCEN WEST.

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

NAVPACMETOCCEN WEST has no married family housing assigned to its plant account.

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 Guam UIC: 61755.
Andersen Air Force Base Guam DODAAC: A66360.

BASE INFRASTRUCTURE

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

This information for Host Command NAVSTA Guam (UIC 61755).

Table 21.1 Base Infrastructure Capacity & Load

	On Base Capacity	Off base long term contract	Normal Steady State Load	Peak Demand
Electrical Supply (KWH)	18MWH	N/A	11MWH	14MWH
Natural Gas (CFH)	N/A	N/A	N/A	N/A
Sewage (GPD)	3.2MGD	N/A	1.5 - 5.3MGD	6.8MGD
Potable Water (GPD)	5MGD	N/A	.6MGD	.75MGD
Steam (lbm/Hr)	3000lbm/Hr	N/A	1800lbm/Hr	2400lbm/Hr
Long Term Parking	N/A	N/A	N/A	N/A
Short Term Parking	N/A	N/A	N/A	N/A

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 NAVPACMETOCCEN WEST (UIC: 61685)

Fiscal Year	MRP ($M)	CPV ($M)	ACE ($M)
1985	Not Available	N/A	389.7K

1986	Not Available	N/A	399.9K
1987	Not Available	N/A	420.1K
1988	Not Available	N/A	428.5K
1989	Not Available	N/A	453.6K
1990	42.0K	N/A	497.0K
1991	43.8K	N/A	509.6K
1992	42.9K	N/A	1.19
1993	44.0K	N/A	1.75
1994	359.0K	N/A	1.81
1995	47.0K	N/A	1.87
1996	62.0K	N/A	1.89
1997	66.0K	N/A	1.91

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).

NAVPACMETOCCEN WEST does not have any real estate resources on its plant account.

Site Location: _____

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance				
Operational				
Training				
R & D				
Supply & Storage				

Meteorological and Oceanography Center Capacity Analysis Data Call UIC: 61685

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Admin				
Housing				
Recreational				
Navy Forestry Program				
Navy Agricultural Outlease Program				
Hunting/Fishing Programs				
Other				
Total:				

Activity UIC: 61685

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

Donald A. Mautner, CAPT, USN
NAME (Please type or print)

Signature

Commanding Officer
Title

28 June 94
Date

NAVPACMETOCCEN WEST/JTWC
Activity

Activity UIC: 61685

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

NEXT ECHELON LEVEL (if applicable)

Richard J. Pentimonti, CAPT, USN
NAME (Please type or print)

Signature

Commanding Officer
Title

29 June 1994
Date

NAVPACMETOCCEN, PEARL HARBOR, HI
Activity

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

MAJOR CLAIMANT LEVEL
~~NEXT ECHELON LEVEL (if applicable)~~

John E. Chubb, RADM, USN
NAME (Please type or print)

Signature

Commander
Title

5 Jul 94
Date

NAVMETOCCOM, STENNIS SPACE CENTER, MS
Activity

Activity UIC: 61685

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

MAJOR CLAIMANT LEVEL

George W. Davis, RADM, USN
NAME (Please type or print)

Signature

OCEANOGRAPHER OF THE NAVY
Title

Date

CHIEF OF NAVAL OPERATIONS (N096)
Activity

RFS CNMOC
7/1/94

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)

W. A. EARNER
Signature

Title

8/3/94
Date

Activity UIC: 61685

BRAC-95 CERTIFICATION

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

Mort McIntosh
NAME (Please type or print)

Mort McIntosh
Signature

TELCOMM SPEC
Title

6/27/94
Date

ESD TELCOMM
Division

EQUIP. SUPPORT DIV.
Department

NAVPACMETOCCEN WEST/JTWC
Activity

Activity UIC: 61685

BRAC-95 CERTIFICATION

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

Joseph C. Vitug
NAME (Please type or print)

Signature

STOREKEEPER
Title

6/27/94
Date

SUPPLY
Division

EQPT. SUPPORT DIVISION
Department

NAVPACMETOCCEN WEST / JTWC GUAM
Activity

Activity UIC: 61685

BRAC-95 CERTIFICATION

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

Brett T. Sherman
NAME (Please type or print)

Brett T. Sherman CDR, USN
Signature

Executive Officer
Title

6/27/94
Date

—
Division

—
Department

NAVPACMETOCCEN WEST/JTWC
Activity

Activity UIC: 61685

BRAC-95 CERTIFICATION

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

WILLIAM S. WORTHINGTON
NAME (Please type or print)

William S. Worthington
Signature

OCEAN SERVICES OFFICER
Title

27 JUNE 94
Date

OCEAN SERVICES
Division

OPERATIONS
Department

NAVAL PACIFIC METEOROLOGY AND OCEANOGRAPHY CENTER WEST/JOINT TYPHOON WARNING CENTER, GUAM
Activity

Activity UIC: 61685

BRAC-95 CERTIFICATION

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

DAVID M. HONE

NAME (Please type or print)

Signature

METEOROLOGICAL SERVICES OFFICER

Title

27 JUNE 94

Date

METEOROLOGICAL SERVICES

Division

OPERATIONS

Department

NAVAL PACIFIC METEOROLOGY AND OCEANOGRAPHY CENTER WEST/JOINT TYPHOON WARNING CENTER, GUAM

Activity

Activity UIC: 61685

BRAC-95 CERTIFICATION

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

BRUCE J MORRIS
NAME (Please type or print)

Signature

FLEET SERVICES OFFICER
Title

27 JUNE 94
Date

FLEET SERVICES
Division

OPERATIONS
Department

NAVAL PACIFIC METEOROLOGY AND OCEANOGRAPHY CENTER WEST/JOINT TYPHOON WARNING CENTER, GUAM
Activity

Activity UIC: 61685

BRAC-95 CERTIFICATION

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

Rebecca E. Stone
NAME (Please type or print)

Rebecca E. Stone
Signature

ASSISTANT OPERATIONS OFFICER
Title

27 JUNE 94
Date

N/A
Division

OPERATIONS
Department

NAVAL PACIFIC METEOROLOGY AND OCEANOGRAPHY CENTER WEST/JOINT TYPHOON WARNING CENTER, GUAM
Activity

Activity UIC: 61685

BRAC-95 CERTIFICATION

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

CHARLES M WHITE
NAME (Please type or print)

Charles M White
Signature

OPERATIONS OFFICER
Title

27 JUNE 94
Date

N/A
Division

OPERATIONS
Department

NAVAL PACIFIC METEOROLOGY AND OCEANOGRAPHY CENTER WEST/JOINT TYPHOON WARNING CENTER, GUAM
Activity

Activity UIC: 61685

BRAC-95 CERTIFICATION

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

Vicente L. Guerrero
NAME (Please type or print)

Signature

Budget Analyst
Title

6/27/94
Date

Admin
Division

Budget
Department

NPMOC West
Activity

Activity UIC: 61685

BRAC-95 CERTIFICATION

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

Eugene P. Tramm

NAME (Please type or print)

E. P. Tr

Signature

Equipment Support Officer

Title

27 Jun 94

Date

ESD/AISD

Division

ESD

Department

NAVPAC MEPOCCEN WEST GUAM

Activity

Activity UIC: 61685

BRAC-95 CERTIFICATION

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

R. Scott Stevens

NAME (Please type or print)

R Scott Stevens, ENS, USN

Signature

Equipment Support Officer

Title

24 JUNE 94

Date

N/A

Division

Equipment Support

Department

NAVPACMETOCCEN WEST/JTWC GUAM

Activity

Activity UIC: 61685

BRAC-95 CERTIFICATION

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

LCDR Gordon Roberts
NAME (Please type or print)

Signature

OPERATIONS OFFICER, NAVSTA GUAM
Title

27 JUNE 1994
Date

Division

OPERATIONS
Department

NAVSTA GUAM
Activity

MILITARY VALUE ANALYSIS

DATA CALL WORK SHEET

FOR NAVAL METEOROLOGY AND OCEANOGRAPHY CENTERS: NAVAL OCEANOGRAPHIC OFFICE

PRIMARY UIC: N62306
(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 (2)

Naval Meteorology and Oceanography Centers Activity Listing

Type	Title	Location
COMMANDER	COMNAVMETOCCEN	STENNIS SPACE CENTER, MS
METOCCEN	FLENUMMETOCCEN	MONTEREY, CA
METOCCEN	NAVPACMETOCCEN	PEARL HARBOR, HI
METOCCEN	NAVPACMETOCCEN WEST	GUAM
METOCCEN	NAVLANTMETOCCEN	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
RA1-91	**UPGRADE CHILLERS, BUILDING 1000**	**91**	**450K**
RA1-94	**CHILL WATER STORAGE FOR CLASS 7 COMPUTER**	**94**	**90K**
SP-001	**INSTALL GFE GENERATORS FOR COMPUTER BUILDING 1000**	**94**	**80K**

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

No NON-BRAC capital improvements.

Table 2.1 **Planned Capital improvements**

Project	Description	Fund Year	Value
ENV-32B	**ENVIRONMENTAL PROJECTS**	**95**	**295K**
ENV-32C	**ENVIRONMENTAL PROJECTS**	**96**	**375K**

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
	NO PROJECTS SCHEDULED		

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).

COMNAVMETOCCOM 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?

No.

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
			NO AGREEMENTS	

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	90188						90188	
ADP installations	610-20	31482	85					3482	85
Legal services	610-40								
Admin storage	610-77	3429	NA		NA		NA	3429	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.

There are no spaces occupied by NAVOCEANO 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.

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.**

The climate, the cost of living, the availability of administrative and industrial facilities and the degree of on-site services, make this complex an ideal candidate for basing other units.

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

1) Remote location of site
2) Lack of government housing, BOQ, BEQ, and 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.

No.

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.

There are no reserve units directly assigned to NAVOCEANO.

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

Yes, current requirements are being met. Due to the availability of acreage, facility support, and the status of MSAAP, expansion and changes in mission can be accommodated.

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 did not hit the local area approximately 1 1/2 days of operational time were lost due to storm readiness activities.

CY 93 - Snow Event; Less than one day of operations was lost.

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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 canceled 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	.23	5.16	0	0	0	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:

Type of Quarters	Number of Bedrooms	Total number of units	Number Adequate	Number Substandard	Number Inadequate
Officer	4+	1	6	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:
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[1]	Average Wait
O-6/7/8/9	1	N/A	N/A
	2	N/A	N/A
	3	N/A	N/A
	4+	DESIGNATED	N/A
O-4/5	1	N/A	N/A
	2	N/A	N/A
	3	0	12 MOS
	4+	N/A	N/A
O-1/2/3/CWO	1	N/A	N/A
	2	N/A	N/A
	3	4	12 MOS
	4+	N/A	N/A
E7-E9	1	N/A	N/A
	2	N/A	N/A
	3	N/A	N/A
	4+	1	SEE NOTES 2 AND 3
E1-E6	1	N/A	N/A
	2	N/A	N/A
	3	N/A	N/A
	4+	12	SEE NOTES 2 AND 3

[1]As of 31 March 1994

Notes:
1. Housing assignments are based on age, gender, and number of children and not the criteria of 1 bedroom per child.
2. Average wait for 5 bedroom unit is 1 to 12 months; average wait for 4 bedroom unit is 1 to 3 months.

3. Family Housing consists of 4 and 5 bedroom units only; however, standby lists for 2 and 3 bedroom qualified families are maintained. As of 31 March 1994, 92 names were on the 3 bedroom list and 59 names were on the two bedroom list.

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	Increases in rental costs
2	Lack of adequate VHA
3	Low availability of rental property
4	Safe environment
5	Convenience to base facilities

(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)?

0%; No Family Housing Units on Plant Account. Nearest 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	99.98%
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?

No APO change has occurred since 1993.

12.b. BEQ:

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

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?

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

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

(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.)	0	0	Children in school
Spouse Employment (non-military)	2	5%	Wives have careers in other local
Other	2	5%	Single
TOTAL	4	10%	

(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.

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?

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

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

N/A; - NAVOCEANO has no Geographic Bachelors.

(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	Children in School
Spouse Employment (non-military)	0	0	Wives have careers in other local
Other	0	0	Requirements for Special Medical Treatment
TOTAL	0	0	

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

NAVOCEANO has no Geographic Bachelors.

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On Base MWR Facilities

13. For on-base MWR facilities[1] 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 NCBC 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	4,207	N/A
Wood Hobby	SF	--	--
Bowling	Lanes	12	N/A
Enlisted Club	SF	14,641	N/A
Officer's Club	SF	1,402	N/A
Library	SF	4,651	N/A
Library	Books	15,000	N/A
Theater	Seats	750	N/A
ITT	SF	250	N/A
Museum/Memorial	SF	6,855	N/A
Pool (indoor)	Lanes	--	--
Pool (outdoor)	Lanes	8	N/A
Beach	LF	--	--
Swimming Ponds	Each	--	--
Tennis CT	Each	8	N/A

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	22,629	N/A
Fitness Center	SF	--	--
Marina	Berths	--	--
Stables	Stalls	--	--
Softball Fld	Each	5	N/A
Football Fld	Each	--	--
Soccer Fld	Each	1	N/A
Youth Center	SF	9,190	N/A
Fishing Lake	Each	1	N/A

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

Yes, 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)	SF **2903 square feet**			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 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	SEE NOTE 2		
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)	SEE NOTE 3		
Town House (3+ Bedroom)	SEE NOTE 3		
Condominium (2 Bedroom)	SEE NOTE 3		
Condominium (3+ Bedroom)	SEE NOTE 3		

NOTES:

1. Data is based on Family Housing Marketing Analysis prepared for SOUTHNAVFACENGCOM by Metro Market Trends, Inc. Analysis was conducted from November 1993 to March 1994.

2. Efficiencies were not included in market analysis due to low availability.

3. Town houses and condominiums were not included in market analysis. Very few town houses are available and condominums are too expensive for most military members to afford.

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

Type Rental	Percent Occupancy Rate
Efficiency	SEE NOTE 2
Apartment (1-2 Bedroom)	91.9%-SEE NOTE 3
Apartment (3+ Bedroom)	91.9%-SEE NOTE 3
Single Family Home (3 Bedroom)	91.9%-SEE NOTE 3
Single Family Home (4+ Bedroom)	91.9%-SEE NOTE 3
Town House (2 Bedroom)	SEE NOTE 5
Town House (3+ Bedroom)	SEE NOTE 5
Condominium (2 Bedroom)	SEE NOTE 5
Condominium (3+ Bedroom)	SEE NOTE 5

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

Type of Home	Median Cost
Single Family Home (3 Bedroom)	$86,561 - SEE NOTE 4
Single Family Home (4+ Bedroom)	$86,561 - SEE NOTE 4
Town House (2 Bedroom)	$75,000 SEE NOTE 5
Town House (3+ Bedroom)	$95,000 SEE NOTE 5
Condominium (2 Bedroom)	$75,000 SEE NOTE 5
Condominium (3+ Bedroom)	$95,000 SEE NOTE 5

NOTES:

1. Data is based on Family Housing Marketing Analysis prepared for SOUTHNAVFACENGCOM by Metro Market Trends, Inc. Analysis was conducted from November 1993 to March 1994.
2. Efficiencies were not included in market analysis due to low availability.
3. Apartments and sigle family homes were grouped together in market analysis. Overall occupancy rate is provided.
4. Three and four bedrooms single family homes were grouped together in market analysis.
5. Town houses and condominiums were not included in market analysis. Very few town houses are available and condominiums are too expensive for most military members to afford.

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 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		

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	20%	20	30 min
Long Beach/Pass Christian, Ms	16%	35	40 min
Picayune, Ms	28%	20	30 min
Bay St Louis/Waveland,	24%	22	30 min
Gulfport, Ms	12%	40	45 min

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

22.a. List the local educational institutions which offer programs availaie 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
Harrison Central	Public	9-12	*	$3188.90	20.3	N/A
D'Iberville	Public	K-4	*	$3683.75	N/A	N/A
Bel Aire	Public	K-6	*	$4073.30	N/A	N/A
Lizana	Public	K-6	*	$4073.30	N/A	N/A
Slidell La H.S.	Public	9-12	Yes	$4042.00	21.1	N/A
Long Beach Middle	Public	9-12	Yes	$3228.78	20.7	N/A
Bay Catholic	Parochial	1-6	No	$1850.00	N/A	N/A
Our Lady's Academy	Private	7-12	No	$2700.00	26.0	99.5%

Note: Due to the many Mississippi Gulf Coast and Slidell La area schools available, a representa 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
	Corres-pondence	No	No	No	No	No
Univ of Southern Miss	Day	No	No	Yes	No	Yes
	Night	No	No	No	No	No
	Corres-pondence	No	No	Yes	No	No
Miss State Univ	Day	No	No	No	No	No
	Night	No	No	No	No	No
	Corres-pondence	No	No	No	No	No
Pearl River CC	Day	No	No	No	No	No
	Night	No	Yes	Yes	Yes	No
	Corres-pondence	No	No	No	No	No

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.

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	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 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.

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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

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Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			

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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			

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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			
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			

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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			
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	
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			

Off Base Personnel - civilian			

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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			

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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 - civiian			
24. Rape (8F)	0	0	0
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civlian			
25. Sodomy (8G)	0	0	0
Base Personnel - military			
Base Personnel civilian			
Office 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 procss 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 reviewd 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 as you 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 theis certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Commmand. 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. H. SMITH, CDR, USN
NAME (Please type or print)

D. H. Smith
Signature

Commanding Officer (Acting)
Title

15 JUL 94
Date

Naval Oceanographic Office
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.

John S. Breyer
Name (Please type or print)

Signature

Head, Technical Publications/Graphics Br
Title

6/30/94
Date

Code N4311
Division

Admin/Support Services Office
Department

Naval Oceanographic Office
Activity

BRAC-95 CERTIFICATION

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

Roger Merrifield
Name (Please type or print)

Signature

Supervisory Physical Scientist
Title

30 June 1994
Date

Plans and Resources Staff
Division

Technical Director's Office
Department

Naval Oceanographic Office
Activity

BRAC-95 CERTIFICATION

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

JERRY C.CARROLL
Name (Please type or print)

John Bruce
Signature

Director
Title

30 June 1994
Date

Division

Operations Directorate
Department

NAVOCEANO
Activity

BRAC-95 CERTIFICATION

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

ROBERT J. HEITZMANN
Name (Please type or print)

Signature

FACILITIES MANAGER
Title

Date 6/30/94

CODE N43F
Division

ADMINISTRATIVE/SUPPORT SERVICES OFFICE
Department

NAVAL OCEANOGRAPHIC OFFICE
Activity

CAPACITY ANALYSIS

DATA CALL WORK SHEET

FOR NAVAL METEOROLOGY AND OCEANOGRAPHY CENTERS:_____

PRIMARY UIC: N62306
(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 (1)

Naval Meteorology and Oceanography Centers Activity Listing

Type	Title	Location
COMMANDER	COMNAVMETOCCEN	STENNIS SPACE CENTER, MS
METOCCEN	FLENUMMETOCCEN	MONTEREY, CA
METOCCEN	NAVPACMETOCCEN	PEARL HARBOR, HI
METOCCEN	NAVPACMETOCCEN WEST	GUAM
METOCCEN	NAVLANTMETOCCEN	NORFOLK, VA
NAVOCEANO	NAVOCEANO	STENNIS SPACE CENTER, MS
NAVOBSY	NAVAL OBSERVATORY	WASHINGTON, DC

Data for Capacity Analysis

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Meteorological and Oceanography Center Capacity Analysis Data Call UIC: N62306

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 Naval Oceanographic Office, Bay St. Louis, MS collects, processes, analyzes and provides oceanographic, hydrographic and geophysical data worldwide to meet requirements for a broad range of measurements relating to the physical and conditional characteristics of the fleet operating environment. These data are critical for effective employment of Naval forces and weapons systems, for tactical decision making, for navigation, positioning, and the safe employment of weapons across a broad range of warfare areas and requirements. This includes surface, subsurface, airborne and space based vehicles and weapons systems. NAVOCEANO data collection assets include eight multipurpose ocean survey ships, remote sensing drifting buoys, and senors flown from dedicated and fleet aircraft.

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.
CRAY YMP8/8128	**2/91**	**69%**	***31%**	**75%**	***25%**	**83%**	**17%**

***High maintenance rate for FY91/92 was during installation.**

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 **CRAY YMP8/8128**

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	**81%**	**0**	**0**	**58%**	**0**	**0**	**59%**	**0**	**0**

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Model Validation	19%	0	0	40%	0	0	31%	0	0
Prediction/ Forecast Generation	0%	0	0	0%	0	0	6%	0	0
Product Development	0%	0	0	2%	0	0	4%	0	0
Other	N/A								

Product Development includes any publications, tactical memos, etc., designed for educational, operational or training distribution.

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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								
	2								
	3								
N/A	4								
	5								
Computer Operation and Maintenance	1	0	6	6	6	6	6	6	
	2	0	0	0	0	0	0	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 Development	1	0	0	0	0	0	0	0	
	2	0	0	0	0	0	0	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	.5	.5	.5	.5	.5	.5	.5	
	2	3	3	4	3	4	4	4	
	3	0	0	.5	0	1	0	0	
	4	0	0	0	0	0	0	0	
	5	0	0	.5	.5	.5	.5	.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.

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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	
	2	0	0	0	0	0	0	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	
Product Development	1	.5	.5	.5	.5	.5	.5	.5	
	2	6	6	6	6	6	6	6	
	3	0	0	0	0	0	0	0	
	4	0	0	0	0	0	0	0	
	5	0	0	0	0	0	0	0	
Admin & Support	1	0	6	6	6	6	6	6	
	2	0	0	0	0	0	0	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	
Product Distribution	1	0	0	0	0	0	0	0	
	2	0	0	0	0	0	0	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	
Other[1]	1	1	1	1	1	1	1	1	
Data Analysis/ Refinement	2	18	18	20	20	20	20	20	
N/A	3	0	0	0	0	0	0	0	
	4	0	0	0	0	0	0	0	
	5	0	0	.5	.5	.5	.5	.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.
[1]If "Other" filled out, describe what it is.

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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		7916 SQ FT	7916 SQ FT	9028 SQ FT	9028 SQ FT	9028 SQ FT	9028 SQ FT	9028 SQ FT
610-xx									
610-xx	Government Admin.		1675 SQ FT	1675 SQ FT	1675 SQ FT	1675 SQ FT	1675 SQ FT	1675 SQ FT	1675 SQ FT
610-xx	Contractor Space		2663 SQ FT	2663 SQ FT	2663 SQ FT	2663 SQ FT	2663 SQ FT	2663 SQ FT	2663 SQ FT
610-xx									
610-xx	Other Admin Spaces			400 SQ FT	400 SQ FT	400 SQ FT	400 SQ FT	400 SQ FT	400 SQ FT
TOTAL			12254 SQ FT	12254 SQ FT	13766 SQ FT	13766 SQ FT	13766 SQ FT	13766 SQ FT	13766 SQ FT

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.

See Attachment 1.

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	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.

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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.

All other table entries are 0. Beginning FY93-94 time frame, pre-deployment briefs were provided to Navy, Army and Marine SOFs by SCF personnel. ATO briefs are also being counted in this field. Numbers for C4I ... 9 SSO drift products per week provided over JOTS beginning FY91. AAGP products by special request provided over JOTS beginning FY93 (approximately 100 products provided per exercise). Beginning FY95 10 models should be fully operational each containing 9 products provided twice daily 365 days per year.

Facility/Detachment: _____ UIC: N62306

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	0
Ship/Aircraft Routing	0	0	0	0	0	0	0	0
Flight Forecasting	0	0	0	0	0	0	0	0
Heavy Weather Warnings	0	0	0	0	0	0	0	0
Navy/Joint C4I System Support	0	400	750	750	750	750	750	18
Pre-Deployment Briefings	0	0	20	34	60	60	60	18
Destructive Weather Briefings	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0

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).

Not applicable. No NAVOCEANO subordinate activities have the capacity to provide substitute services. The same is basically true for other Naval Activities, except in certain minor areas. Our primary mission is operational data collection with attendant quality control, processing, data basing, and product generation. Some other activities also conduct similar functions but not on a similar scale.

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.

See 9a.

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.

No other activity has the capability to provide oceanographic data in the manner or on the scale as NAVO. Incoming/outgoing data routes are contained in attachment one.

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

Unique equipment/capabilities are many and highly varied. They include our survey platforms and the equipment installed thereon or available for use; the vast body of highly trained and experienced personnel, skilled in data collection, processing, interpretation and product generation; and in-house systems specifically designed and configured for handling the extremely large amounts of scientific data.

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.

Our capabilities are unique in the Naval establishment, both in terms of hardware and facilities... and in the proper workforce to utilize them. Certain non-DoD activities; e.g., NGDC and NODC, also maintain large files/data bases of similar and sometimes, identical types of data but their holdings, particularly in the forward areas (non-CONUS) where the Navy has its priorities are highly deficient. Basically, our data holdings are almost always significantly greater than theirs since we usually possess not only all of data they hold but, many other special data sets not releasable to the public. Further, our internal ADP facilities and capabilities are also unique in their ability to rapidly handle large data sets, a task no non-DoD activity has to shoulder. The expertise to conduct this business is also not available at any of these activities on a scale necessary to complete our mission.

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.

See 12 a.

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.

See 12 a.

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 Navy activity or other facility can currently substitute as a data gathering or distribution detachment nor as a remote data gathering or distribution detachment nor as a remote data gathering or distribution manager.

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.

The National Oceanographic and Atmospheric Agency (NOAA) conducts bathymetric and hydrographic surveys in U.S. territorial waters. This capability could satisfy a very limited part of our data gathering requirements.

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.

N/A.

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.

No modifications or facility improvements are in the Presidential Budget.

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.

N/A.

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 factors are known that inhibit further increase in capacity.

Meteorological and Oceanography Center Capacity Analysis Data Call UIC: N62306

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 schools on installation. Installation owned by NASA.

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

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.

No training facilities aboard this installation.

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)[1]	Capacity (Student HRS/YR)[2]

[1] 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.

[2] Describe how the Student HRS/YR value in the preceding table was derived.

Design Capacity for 8 hr/day for availability of 365 day/yr

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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.

No BOQs or BEQs are assigned to the NAVOCEANO 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

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 BASEREP?

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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.

No BOQs or BEQs are projected to be assigned to NAVOCEANO.

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

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 BASEREP?

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

N/A; No Messing Facilities assigned to NAVOCEANO 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 BASEREP?

Meteorological and Oceanography Center Capacity Analysis Data Call UIC: N62306

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	
NONE								

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 BASEREP?

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

N/A; No married Family Housing is assigned to plant account.

Table 19.1

Type of Quarters	Number of Bedrooms	Total number of units	Number Adequate	Number Substandard	Number Inadequate
Officer					
Officer					
Officer					
Enlisted					
Enlisted					
Enlisted					
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.

Nearest family housing is available at CBC Gulfport (UIC:N62604).

Meteorological and Oceanography Center Capacity Analysis Data Call UIC: N62306

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

	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 14,500 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	N/A	372	372
Short Term Parking	3300	N/A	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.

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 NAVOCEANO (UIC: N62306)

Fiscal Year	MRP ($M)	CPV ($M)	ACE ($M)
1985	.014	0	51.6
1986	.030	0	45.0
1987	.029	0	51.2
1988	.031	0	46.5
1989	.026	0	48.5
1990	.021	0	58.5
1991	.014	0	73.6
1992	.019	0	114.5*
1993	.044	0	115.9
1994	.050	0	118.4
1995	.052	0	117.4
1996	.053	0	119.5
1997	.055	0	120.3

Note: 1 2 3

***Includes initial acquisition for Large Scale Computer (POPS).**

Meteorological and Oceanography Center Capacity Analysis Data Call UIC: N62306

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: Stennis Space Center (NASA Base)

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance	40	15	0	25
Operational	400	200	0	200
Training	.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				
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 procss 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 reviewd 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 as you 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 theis certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Commmand. 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. H. SMITH, CDR, USN
NAME (Please type or print)

D. H. Smith
Signature

Commanding Officer (Acting)
Title

1JUL94
Date

Naval Oceanographic Office
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

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

7/8/94

Title

Date

BRAC-95 CERTIFICATION

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

John S. Breyer
Name (Please type or print)

Signature

Head, Technical Publication/Graphics Branch
Title

6/30/94
Date

Code N4311
Division

Administrative/Support Services
Department

Naval Oceanographic Office
Activity

BRAC-95 CERTIFICATION

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

Cecil Watkins
Name (Please type or print)

Signature

Director, Supercomputer Staff
Title

6/30/94
Date

Code N5C
Division

N5
Department

NAVOCEANO
Activity

BRAC-95 CERTIFICATION

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

Bill Bakes
Name (Please type or print)

R. E. Davis for Bill Bake
Signature

Financial Program Analyst
Title

6-30-94
Date

Fund Administration Branch
Division

Budget & Finance Office
Department

Naval Oceanographic Office
Activity

BRAC-95 CERTIFICATION

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

N. E. DAVIS
Name (Please type or print)

N. E. Davis
Signature

Head, Fund Administration Branch
Title

6-30-94
Date

Division

Budget & Finance Office
Department

Naval Oceanographic Office
Activity

BRAC-95 CERTIFICATION

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

ROBERT J. HEITZMANN
Name (Please type or print)

Signature

FACILITIES MANAGER
Title

6/30/94
Date

CODE N43F
Division

ADMINISTRATIVE/SUPPORT SERVICES
Department

NAVAL OCEANOGRAPHIC OFFICE
Activity

BRAC-95 CERTIFICATION

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

MARTHA E. HEAD
Name (Please type or print)

Signature

DIRECTOR
Title

6/30/94
Date

Division

Modeling and Techniques
Department

NAVOCEANO
Activity

DATA CALL 64

CONSTRUCTION COST AVOIDANCES

Table 1: Military Construction (MILCON) Projects (Excluding Family Housing Construction Projects)

Installation Name:	**CHEWS RIDGE CA NAVASTOBDT**
Unit Identification Code (UIC):	**N62285** #85
Major Claimant:	**NAVOCEAN**

Project FY	Project No.	Description	Appn	Project Cost Avoid ($000)
1999	029	OPTIC INTERFEROMETER FAC	MCON	5,000
		Sub-Total - 1999		**5,000**
		Grand Total		**5,000**

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)

Signature

COMMANDER
Title

7/13/94
Date

NAVAL FACILITIES ENGINEERING COMMAND
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)

W. A. EARNER
NAME (Please type or 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.

MARK E. DONALDSON
NAME (Please type or print)

Signature

CDR, CEC, USN
Title

12 July 1994
Date

MILCON PROGRAMMING DIVISION
Division

FACILITIES PROGRAMMING AND CONSTRUCTION DIRECTORATE
Department

NAVAL FACILITIES ENGINEERING COMMAND
Activity

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.

DATA CALL 66
INSTALLATION RESOURCES

Activity Information:

Activity Name:	NAVOCEANO
UIC:	N62306
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

Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)			
Activity Name: NAVOCEANO		**UIC: N62306**	
Category	**FY 1996 BOS Costs ($000)**		
	Non-Labor	**Labor**	**Total**
1. Real Property Maintenance Costs:			
1a. Maintenance and Repair	81	0	81
1b. Minor Construction	145	0	145
1c. Sub-total 1a. and 1b.	226	0	226
2. Other Base Operating Support Costs:			
2a. Utilities	1097	0	1097
2b. Transportation	100	0	100
2c. Environmental	188	0	188
2d. Facility Leases	4235	0	4235
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	4199	1814	6013
2j. Other (Specify) **Retail Supply**	0	1507	1507
Physical Security	0	41	41
2k. Sub-total 2a. through 2j:	9819	3362	13181
3. Grand Total (sum of 1c. and 2k.):	10045	3362	13407

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:

Appropriation	Amount ($000)
O&M,N	**13,407**

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

Table 1B - Base Operating Support Costs (DBOF Overhead)			
Activity Name: NAVOCEANO (NON-DBOF ACTIVITY)		UIC: N62306	
Category	FY 1996 Net Cost From UC/FUND-4 ($000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
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
1c. Sub-total 1a. through 1d.	N/A	N/A	N/A
2. Other Base Operating Support Costs:			
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
2m. Sub-total 2a. through 2l:	N/A	N/A	N/A
3. Depreciation	N/A	N/A	N/A
4. Grand Total (sum of 1c., 2m., and 3.) :	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.

Table 2 - Services/Supplies Cost Data

Activity Name: NAVOCEANO	**UIC: N62036**
Cost Category	**FY 1996 Projected Costs ($000)**
Travel:	56
Material and Supplies (including equipment):	268*
Industrial Fund Purchases (other DBOF purchases):	187
Transportation:	100
Other Purchases (Contract support, etc.):	9434
Total:	10045

* 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.

Table 3 - Contract Workyears	
Activity Name: NAVOCEANO	**UIC: N62306**
Contract Type	**FY 1996 Estimated Number of Workyears On-Base**
Construction:	0
Facilities Support:	0
Mission Support:	126
Procurement:	0
Other:*	0
Total Workyears:	126

*** 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)):

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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)

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 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

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

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)

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DEPARTMENT OF THE NAVY
U.S. NAVAL PACIFIC METEOROLOGY AND OCEANOGRAPHY CENTER WEST/
JOINT TYPHOON WARNING CENTER, GUAM
PSC 489, BOX 12
FPO AP 96536-0051

11000
Ser 402/acb
27 Jun 94

From: Commanding Officer, U.S. Naval Pacific Meteorology and Oceanography Center West/Joint Typhoon Warning Center, Guam
To: Chief of Naval Operations (Attn: Chairman, Base Structure Evaluation Committee)
Via: (1) Chief of Naval Operations (Attn: Oceanographer of the Navy (N096))
(2) Commander, Naval Meteorology and Oceanography Command
(3) Commanding Officer, Naval Pacific Meteorology and Oceanography Center

Subj: BRAC DATA CALL FIFTY-ONE

Encl: (1) Naval Meteorology and Oceanography Center Military Value Data Call

1. Subject information is provided as enclosure (1).

2. This command is a tenant command of Naval Station, Guam (UIC 61755) co-located with Commander, Naval Forces Marianas at Nimitz Hill, Guam, remote from the Naval Station. Many of the questions require data of a regional nature and this has been supplied utilizing information previously provided in BRAC Data Call Number 37 by Commanding Officer, Naval Station, Guam. Throughout this input, data has been identified as to its applicability to the command or the region.

3. Points of contact are CDR Brett Sherman and ENS Scott Stevens at DSN 344-4268/4230/7138, fax DSN 344-4032, commercial fax (671) 344-4032.

D. A. MAUTNER

ENCLOSURE (1)

Activity UIC: 61685

MILITARY VALUE ANALYSIS

DATA CALL WORK SHEET

FOR NAVY METEOROLOGY AND OCEANOGRAPHY CENTERS: NAVPACMETOCCEN WEST/JTWC, GUAM

BASE PRIMARY UIC: 61685

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

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

Activity UIC: 61685

Naval Meteorological and Oceanography Centers Activity Listing

	Title	Location
COMMANDER	COMNAVMETOCCOM	STENNIS SPACE CENTER, MS
METOCCEN	FLENUMMETOCCEN	MONTEREY, CA
METOCCEN	NAVPACMETOCCEN	PEARL HARBOR, HI
METOCCEN	NAVPACMETOCCEN WEST	GUAM
METOCCEN	NAVLANTMETOCCEN	NORFOLK, VA
NAVOCEANO	NAVOCEANO	STENNIS SPACE CENTER, MS
NAVOBSY	NAVAL OBSERVATORY	WASHINGTON, DC

Activity UIC: 61685

Data for Military Value Analysis

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- Historic investment 2
- Planned investment 4
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Personnel support 14
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Operational Suitability 15
- Mobilization potential 16
- Operational support missions 16
- Weather and climate 17

Quality of Life 19

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.

NAVPACMETOCCEN WEST UIC 61685 - NONE.

HOST COMMAND NAVSTA GUAM UIC 61755 - DATA AS PER BRAC DATA CALL NUMBER 37 AS FOLLOWS:

Table 1.1 **Capital Improvement Expenditure**

Project	Description	Fund Year	Value
R3-87	RPR WATERFRONT SVCS SUPPT BLDG 3152	1991	412K
R28-87	RPR VICTOR WHARF	1991	735K
RC13-86	RPR/ALT TO COMNAVMAR BLDG 200	1989	512K
RCA27-83	RPR/ALT BEQ BLDG 11	1989	788K

R2986	RPR TO ALPHA WHARF	1991	11K
R3086	RPR TO BRAVO WHARF	1991	359K
C1988	FTG&DAMAGE CONT TRAING FACILITIES	1988	199K
C1087	RPR TO CCPO/NLSO BLDG 4175	1991	298K
	INSTAL 30KW GEN. PORT CONT. BLDG 3113	1991	122K
C1587	REPL A/C SYS CNM HQ BLDG 200 PHASE 1	1988	356K
R389A	RPR TO CNM HQ BLDG 200 PHASE 2	1989	339K
R389B	CONST STDBY GEN PLT FOR NEX REEFER FAC	1991	129K
C2183	CONV NAVHOSP BLDG 100 TO FSC	1988	307K
CR188	RPRS TO GLASS BREAKWATER PHASE 1	1989	2878K
R2285	RPR CHILLED WTR PLT BLDG 21	1988	438K
RA3186	PROVIDE TOILETS IN GALLEY BLDG SB1	1991	168K
C6684	INSTL FIRE/SMOKE DET SYS IN BEQ BLDGS	1988	212K
CR2384	INSTL FIRE/SMOKE DET SYS IN BOQ BLDGS	1988	66K
C5684	INSTALL 45KW GEN BRIG BLDG 17	1988	86K
C2083	RPR/ALT TO BEQ BLDG 8	1988	481.4K
RC2483			481.4K
	RPR/ALT TO BEQ BLDG 9	1988	481.4K
RC2583			481.4K
	RPR/ALT TO BEQ BLDG 10	1988	481.4K
RC2683			481.4K
	RPR/ALT TO BEQ BLDG 12	1988	481.4K
RC2883			481.4K
	RPR/ALT TO BEQ BLDG 13	1988	430K
RC2983			153K
	RPR/ALT TO BEQ BLDG 14	1988	48K
RC3083			735K
	RPR/ALT TO BEQ BLDG 15	1988	1186K
RC3183			2031K
	RPR/ALT TO BEQ BLDG 15A	1988	260K
RC3283			175K
	RPR/ALT TO ROOF GALLEY BLDG SB1	1990	743K
R2085	CONST ADDITION FLT REC BLDG 1986	1989	13007K
C1187	RPR/REPAINT EXT STG BLDG 730	1993	1870K
R1887	RPR VICTOR WHARF	1989	4500K
R2887	RPR XRAY WHARF	1992	4231K
R688	RPR/ALTS TO GALLEY BLDG SB1	1992	
RC1088	REPL FLOODLIGHTING SYS EBBETTS FIELD	1990	
R389	CONV STG BLDG 6010 TO CLASSROOM	1991	
C190	RPR POLICE BLDG 6003	1993	
R191	CONST BEQS CAMP COVINGTON (MILCON)	1988	
P331			
	CONST BOQ CAMP COVINGTON (MILCON)	1988	

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

NAVPACMETOCCEN WEST UIC 61685 - NONE.

HOST COMMAND NAVSTA GUAM UIC 61755 - DATA AS PER BRAC DATA CALL NUMBER 37 AS FOLLOWS:

Table 2.1 **Planned Capital improvements**

Project	Description	Fund Year	Value
RCA490	RPR/ALT BEQ BLDG 7	1994	1.82M
RCA590	RPR/ALT BEQ BLDG 3	1994	1.82M
R1394	RPRS TO SWIMMING POOL	1994	385K
C492	REPL HW STG FAC POLARIS POINT	1994	292K

Project	Description	Fund Year	Value
R194	RPRS TO SIERRA WHARF	1995	8.23M
R294	RPRS TO VICTOR WHARF	1995	19M
RCM192	RPRS/ALTS TO BEQ BLDG 4175	1995	3.36M
RC1090	RPRS/ALTS TO BEQ BLDG 16	1995	1.818M
			1.07M
R1893	RPR ROOF TO NEX BLDG 258	1995	2.79M
R288	RPRS TO SIERRS WHARF	1995	1.9M
RC694	RPRS/ALTS TO BEQ BLDG 8	1995	1.9M
RC794	RPRS/ALTS TO BEQ BLDG 14	1995	1.98M
RC894	RPRS/ALTS TO BEQ BLDG 9	1996	1.98M
RC994	RPRS/ALTS TO BEQ BLDG 13	1996	2.06M
RC1094	RPRS/ALTS TO BEQ BLDG 10	1996	2.06M
RC1194	RPRS/ALTS TO BEQ BLDG 12	1996	1M
M2592	MAINT DREDGING INNER APRA HARBOR	1996	280K
C592	INSTALL OW/WO TANK	1996	210K
C2093	INSTALL ELECTRIC METERS	1996	250K
C3092	PAVE PARKING/ROADS	1996	227K
C3784	INSTALL FREEZERS	1997	210K
C3184	INSTALL SPRINKLER SYS BLDG 3000	1997	205K
CA390	CORRECT MOISTURE PROBLEM CHAPEL	1997	250K
C3384	CONST PLAYING FIELDS	1997	243K
C993	UPGRADE VICTOR WHARF (SEALS)	1995	205K
C3192	CONST PHYSICAL TRNG FACILITY (SEALS)	1997	295K
C494	CONST ISOLATION FACILITY (SEALS)	1995	1.03M
P389P	CONST CHILD CARE CTR ADDN (MILCON PH 1)	1994	2.868M
P391P	CONST CHILD CARE CTR ADDN (MILCON PH 2)	1994	1.73M
			12.8M
P397	CONV ADMIN SPACE TO BEQ BLDG 15	1995	13M
P393	EOD OPNS FACILITY	1994	5.3M
P395	NAVSPECWAR UNIT BLDG	1995	7.7M
P394	MAINT/STG BLDG (SEALS)	1996	16M
P337	SEABEE ALERT EQUIP STG	UNK	7.89M
P373	BOQ	1997	2.1M
P401	BEQ	1997	514K
P013	WATERFRONT SERVICES FACILITY	UNK	1.15K
P393	SECURITY LIGHTING	UNK	960K
P334	FIRE STATION POLARIS POINT	UNK	619K
P171	GYM POLARIS POINT	UNK	16.3M
P336	PLAYING COURTS CAMP COVINGTON	UNK	14M
P396	COMMISSARY STORE (DECA)	1994	3.21M

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	NONE	NONE	NONE

3. Encroachment Issues:

NAVPACMETOCCEN WEST UIC 61685 - NONE.

HOST COMMAND NAVSTA GUAM UIC 61755 - DATA AS PER BRAC DATA CALL NUMBER 37 AS FOLLOWS:

3.a. What are the ground, training noise, beach gradient, waterway, harbor, explosive quantity distance standard, HERO, HERF, HERP, AICUZ, and airspace **encroachments of record** at each station, base, or facility? ESQD AT KILO PIER K50 ARC AND ALFA/BRAVO WHARF K35 ARC.

3.b. Do current estimates of **population growth and development or environmental constraints** pose problems for the station, base, or facility? NO. Why or why not? Whenever environmental constraints pose problems, Naval Station Guam has adopted a pro-active approach when dealing with regulatory authorities. We have been able to negotiate and overcome problems. Population growth is not a factor.

3.c. Provide a description of **local zoning ordinances** which might impact on future encroachment. None currently. However, there is a Proposal by Government of Guam to use parts of inner Apra Harbor for civilian shipping (Specifically VICTOR Wharf). This proposal could impact vessel traffic patterns in the inner harbor, vehicle traffic on the Naval Station, security of Naval Station and the environment. Live aboard crews, such as the foreign fishing fleet, would add to our security concerns. From an environmental standpoint, we would be concerned about the possibility of small, but frequent, oil spills and non-compliance with requirements for sewage treatment often associated with civilian fishing vessels.

Logistics Support

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

NAVPACMETOCCEN WEST UIC 61685:

Non-DOD and Civilian support functions:
1 - Meteorological and Oceanographic (METOC) support
2 - Tropical Cyclone Forecast support
3 - Local area heavy weather preparedness support

Activity name Function	Location	Support
AIT	TAIPEI, TAIWAN	2
AMCONSUL	CEBU, RPI	2
AMCROSS	WASHINGTON DC	2
AMCROSS HICKAM AFB	HONOLULU, HI	2
AMCROSS	NAS AGANA, GU	2,3
AMEMBASSY	KOLONIA, FSM	2
AMEMBASSY	MANILA, RPI	2
AMEMBASSY	MAPUTO	2
AMEMBASSY	BEIJING, CHINA	2
ANALYSIS AND PROCESSING CENTRE	JAKARTA, INDONESIA	2
ASC GUAM	GUAM	2
ATO GUAM	GUAM	2
BUREAU OF METEOROLOGY	PERTH AUSTRALIA	2
	BRISBANE, AU	2
	MELBOURNE, AUSTRALIA	2
	DARWIN, AUSTRALIA	2
BUREAU OF MET RESEARCH CENTRE	MELBOURNE, AUSTRALIA	2
CAPIC	HONG KONG	2
CCGD FOURTEEN	HONOLULU HI	2
CENTRAL MET OBSERVATORY	BEIJING, PRC	2
CENTRAL WEATHER BUREAU	TAIPEI, TAIWAN	2
CFAD AGANA	GUAM	2
CHIEF JUSMAG	MANILA, RP	2
CINCFLEETWOC	UNITED KINGDOM	2
COGARD CAMSPAC	SAN FRANCISCO CA	1,2
COMCOGARD MARSEC	GUAM	1,2,3
COMDT COGARD	WASHINGTON, DC	2

COMMONWEALTH OF NORTHERN MARIANAS	SAIPAN	2,3
DCA	WASHINGTON, DC	2
DCANMOC	WASHINGTON, DC	2
DEPARTMENT OF METEOROLOGY	COLOMBO SRI LANKA	2
DISASTER CONTROL OFFICE	SAIPAN, MP	2
FED COORD FOR MET SERV/SUP RSCH	ROCKVILLE, MD	2
FEDERAL AVIATION ADMINISTRATION	GUAM	2,3
FEDERATED STATES OF MICRONESIA	YAP, CHUUK, POHPEI, KOSRAE	2,3
FEMA SF	BERRYVILLE, VA	2
FEMA HQ	WASHINGTON, DC	2
FEMA	AGANA, GUAM	2
FEMA RGN IX	SAN FRANCISCO, CA	2
FIJI METEOROLOGICAL SERVICE	NADI AIRPORT, FIJI	2
GIFU METEOROLOGICAL OFFICE	GIFU, JAPAN	2
GOVT OF GUAM	GUAM	2,3
INDIA METEOROLOGICAL DEPARTMENT	NEW DELHI INDIA	2
	SHIVAJI NAGAR, INDIA	2
JAPAN AIRLINES	TAMUNING, GUAM; TOKYO, JAPAN	2
JDET	KAMI SEYA, JA	2
KOREA AIR FORCE	CHUMGNAM, KOREA	2
KOREAN MET ADMINISTRATION	SEOUL, KOREA	2
MARITIUS MET SERVICE	MAURITIUS	2
METEOROLOGICAL DEPARTMENT	BANGKOK, THAILAND	2
MHQAUST	SYDNEY, AU	2
MIC SYDNEY	SYDNEY,AU	2
NATIONAL DATA BUOY CTR NSTL	STENNIS SPACE CENTER, MS	2
NATIONAL WEATHER SERVICE	PAPUA NEW GUINEA	2
NATIONAL OCEANOGRAPHIC DATA CNTR	WASHINGTON, DC	2
NATIONAL HURRICANE CENTER	CORAL GABLES, FL	2
NESS	SUITLAND MD	2
NOAA EDS	WASHINGTON DC	2
NOAA NMFS	WASHINGTON DC	2
NOAA/NESDIS	HONOLULU HI	2
NWS FORECAST OFFICE HONOLULU ARPT	HONOLULU HI	2
NWS	WASHINGTON DC	1,2
NWSFO	HONOLULU HI	2
OKINAWA MET OBSERVATORY	OKINAWA, JAPAN	2
RAFAU	HONG KONG	2
REPUBLIC OF PALAU	KOROR	2,3
REPUBLIC OF THE MARSHALL ISLANDS	MAJURO, KAWAJALIEN	2,3
ROYAL OBS	HONG KONG BC	2
SAIPAN SRV SITE CNMI	SAIPAN	2,3
SERVICE METQUE DE LA REUNIONLA	REUNION	2
SOUTHSIDE WEATHER SERVICE	NARRABUNDAH, AUSTRALIA	2
U.S. COAST GUARD	GUAM; SAN FRANCISCO, CA	1,2,3
UNITED NATIONS ESCAP LIBRARY	BANGKOK, THAILAND	2
USCGC GALVESTON ISLAND	GUAM	1,2,3
USCGC BASSWOOD	GUAM	1,2,3
WEATHER STATION KWAJALEIN NQ	KWAJALEIN, MARSHALL ISLANDS	1,2

NAVPACMETOC DET AGANA GUAM UIC 66454:
A. ACT AS MAIN METEOROLOGICAL WATCH OFFICE OF THE INTERNATIONAL CIVIL AVIATION ORGANIZATION (ICAO) FOR THE GUAM PORTION OF THE OAKLAND FLIGHT INFORMATION REGION. (FIR AREA BOUNDED BY THE POINTS EQUATOR/130E, EQUATOR 160E, 27N/160E, 27N/155E, 21N/155E, 21N/130E AND EQUATOR/130E) WITH THE FOLLOWING FUNCTIONS ASSIGNED:
(1) PREPARE FLIGHT WEATHER FORECASTS AND DOCUMENTATION FOR CIVILIAN AIRLINES DEPARTING GUAM.
(2) PREPARE AND ISSUE ROUTE FORECASTS AS REQUIRED.
(3) ISSUE SIGNIFICANT METEOROLOGICAL ADVISORIES (SIGMETS) WITHIN THE FIR.
(4) ISSUE VOICE METEOROLOGICAL ADVISORIES (VOLMETS) FOUR TIMES PER DAY.
(5) PREPARE AND ISSUE TERMINAL AERODROME FORECAST (TAF) FOUR TIMES A DAY FOR THE FOLLOWING: GUAM, SAIPAN, POHNPEI, CHUUK, YAP AND KOROR.
(6) PREPARE AND ISSUE PROVISIONAL TERMINAL FORECASTS FOR ROTA AND TINIAN.
B. PREPARE AND ISSUE LOCAL HIGH WIND AND THUNDERSTORM WARNINGS FOR GUAM INTERNATIONAL AIR TERMINAL AND THUNDERSTORM ADVISORIES FOR THE ISLAND OF GUAM.
C. PREPARE AND ISSUE SMALLCRAFT ADVISORIES FOR GUAM COASTAL WATERS UP TO 20NM OFFSHORE, AND THE ROTA CHANNEL.
D. PREPARE A LOCAL FORECAST ISSUED FOUR TIMES A DAY TO LOCAL MEDIA.
E. PROVIDE LOCAL MARINERS AND THE GENERAL PUBLIC A PRERECORDED FORECAST FOUR TIMES A DAY FOR GUAM, ROTA, TINIAN AND SAIPAN.
F. PREPARE A PLAIN LANGUAGE ISLAND, COASTAL WATERS AND AVIATION HAZARDS FORECAST (FOPN) FOR GUAM, WAKE, REPUBLIC OF THE MARSHALL ISLANDS, FEDERATED STATES OF MICRONESIA, REPUBLIC OF PALAU AND THE COMMONWEALTH OF THE NORTHERN MARIANA ISLANDS.

NAVPACMETOC DET DIEGO GARCIA UIC 33583: NONE.

HOST COMMAND NAVSTA GUAM UIC 61755 - DATA AS PER BRAC DATA CALL NUMBER 37 AS FOLLOWS: THE HUMAN RESOURCES OFFICE, U. S. NAVAL

STATION GUAM,PERFORMS MISSION SUPPORT FOR NON-DOD FEDERAL AGENCIES. THE NATURE OF THE SUPPORT IS THE CONDUCT AND ADMINISTRATION OF FEDERAL SERVICE EXAMINATIONS. HRO ACTS AS THE AGENT OF THE OFFICE OF PERSONNEL MANAGEMENT IN THIS CAPACITY UNDER FORMAL AGREEMENT. THIS ALSO ENSURES NAVY AND DOD COMPONENTS RECEIVE MAXIMUM SUPPORT UNDER THIS PROGRAM. U.S. COAST GUARD PERFORMS NON-DOD MISSIONS OF LAW ENFORCEMENT AND SEARCH AND RESCUE,PORT SAFETY, MARINE ENVIRONMENT PROTECTION, MERCHANT MARINER LICENSING,VESSEL INSPECTIONS, MARITIME INVESTIGATIONS AND LAW ENFORCEMENT AND COAST GUARD RESERVE AND AUXILIARY . ADDITIONALLY THEY MAINTAIN AIDS TO NAVIGATION SERVICES FOR THE TERRITORIAL WATERS OF GUAM AND THE COMMONWEALTH OF NORTHERN MARIANAS ISLANDS. CURRENT REALIGNMENT PLANS WILL NOT ADD TO NON-DOD OR CIVILIAN SUPPORT MISSIONS.

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

NAVPACMETOCCEN WEST UIC 61685:

Table 5.1 **Non-DON Support Agreements**

Agency/ Service	Tenant name	Tenant UIC/ DODAAC	Description of Support Role	Degree of support
USAF	633 OSS DET 1	61685	PROVIDE CUSTODIAL SUPPORT	BUDGET FOR CUSTODIAL SERVICE
			TRANSPORTATION	PROVIDE PARKING SPACE
			UTILITIES	PROVIDE FOR WATER AND POWER
			BUILDING SPACE	PROVIDE SPACE FOR OPERATIONAL FUNCTIONS
			COMMUNICATIONS	PROVIDE FOR COMMUNICA-TIONS AND TECH SUPPORT

NAVPACMETOC DET AGANA UIC 66454:

Table 5.1 **Non-DON Support Agreements**

Agency/ Service	Tenant name	Tenant UIC/ DODAAC	Description of Support Role	Degree of support
USAF	633 OSS ANDERSON AFB	66454	OPERATION OF WSR-88D WEATHER RADAR	FULL
NWS	FORECAST OFFICE GUAM	66454	CONTINGENCY SUPPORT OF SIGMETS, TAFS AND DATA REQUESTS	UPON REQUEST DURING COMMUNICA-TION OUTAGES

NAVPACMETOC DET DIEGO GARCIA UIC 35583:

Table 5.1 **Non-DON Support Agreements**

Agency/ Service	Tenant name	Tenant UIC/ DODAAC	Description of Support Role	Degree of support
USAF	DET 4 (GEODSS) DIEGO GARCIA	35583	WEATHER/CLIMA-TOLOGY	FULL
USAF	STS CONTINGENCY SUPPORT OFFICE PATRICK AFB, FL	35583	SPACE SHUTTLE LANDING TOXIC CORRIDOR	UPON REQUEST
USAF	DET 8 750TH SPACE GROUP DIEGO GARCIA	35583	WEATHER SUPPORT	FULL

HOST COMMAND NAVSTA GUAM UIC 61755 - DATA AS PER BRAC DATA CALL NUMBER 37 AS FOLLOWS:

Table 5.1 **Non-DON Support Agreements**

Agency/ Service	Tenant name	Tenant UIC/ DODAAC	Description of Support Role	Degree of support
ARMY	U.S. ARMY RESERVE	S94619	LNDRY/SUPP/CALIB/POL/STEVD/ADMIN/FOOD SV	REIMBURSABLE
ARMY	297TH ENG CO.	S94619	EDUCATION SVC/SUPP	REIMBURSABLE
ARMY	368TH MP CO.	S94619	EDUCATION SVC/SUPP	REIMBURSABLE
ARMY	COMPANY E	S94619	EDUCATION SVC/SUPP	REIMBURSABLE

ARMY	COMPANY C	S94619	EDUCATION SVC/SUPP	REIMBURSABLE
ARMY	JR JROTC	S94619	LNDRY/EQUIP RNTL/CALIB/FOOD SVC/SUPP/POL	
ARMY	U.S ARMY READINESS	S94619	SUPP/EQUIP	REIMBURSABLE
ARMY	U.S. ARMY VET DET GUAM	W07C17	LEGAL/CSTDL/SECUR/LODGING/EDUC SVC/ADMIN	NON-REIMBURSABLE
AIR FORCE	633RD AIR BASE WING	S94619	TRNG/FOOD SVC SEC/HSG/UTIL/ SAFETY/ADMIN/COMM SVC/MRP HRO	REIMBURSABLE NON-REIMBURSABLE
DOD	MILITARY SEALIFT COMMAND WESTPAC	62524	SVC/ENVIRONM/SAFT/ ADMIN/HSG/COMM SUP/CHAPEL/FOOD SVC/DET CONF MAIL SVC/HRO	REIMBURSABLE NON-REIMBURSABLE
DOD	DEFENSE COMMISSARY AGENCY	33181	SVC/SAFETY/ENVIRONMENTAL HRO SVC	REIMBURSABLE
DOD	DEFENSE COMM AGENCY	00027	HRO	REIMBURSABLE
DOD	DEFENSE PRTG PUB SVC DET GUAM	48955	SVC/TRAINING/SAFT/SECURITY/ COMM SUPP HRO SVC/	REIMBURSABLE NON-REIMBURSABLE
DOD	DEFENSE REUTILIZATION MARKETING OFFICE	S94629	SUPP/SECURITY/HSG/NEX SVC/CHAPEL HRO SVC	REIMBURSABLE NON-REIMBURSABLE
DOD	MIL TRAFFIC MGMT COMMD	S28113	SAFETY/	REIMBURSABLE
DOT	U.S. COAST GUARD MARIANAS SECT	1476180	HSG/FOOD SVC/COMM SUPP/WHARF/FACILITIES/CHAPEL	REIMBURSABLE NON-REIMBURSABLE

Personnel Support Facilities

6. Administrative Spaces

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**.

NAVPACMETOCCEN WEST UIC 61685 - NONE. NAVPACMETOCCEN WEST DOES NOT HAVE ANY FACILITY DESIGNATED FOR ADMINISTRATIVE PURPOSES ONLY.

HOST COMMAND NAVSTA GUAM UIC 61755 - DATA AS PER BRAC DATA CALL NUMBER 37 AS FOLLOWS:

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	79423	130	15946	65	5181	14	100550	32
ADP installations	610-20	500	1	0	N/A	0	0	0	N/A
Legal services	610-40	12356	3	0	N/A	0	0	12356	0
Admin storage	610-77	0	N/A	0	N/A	960	N/A	960	0
Underground administrative office	620-10	NONE	N/A	NONE	N/A	NONE	N/A	NONE	N/A
Underground ADP installation	620-20	NONE	N/A	NONE	N/A	NONE	N/A	NONE	N/A
Underground admin storage	620-77	NONE	N/A	NONE	N/A	NONE	N/A	NONE	N/A

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.

NAVPACMETOCCEN WEST UIC 61685 - NONE.

HOST COMMAND NAVSTA GUAM UIC 61755 - DATA AS PER BRAC DATA CALL NUMBER 37 AS FOLLOWS:

1. ADMINISTRATIVE OFFICE. CONCRETE BLDGS-NON-EXISTENT FIRE DETERRENT SYSTEMS,INADEQUATE SEISMIC DESIGN
2. ADMIN STORAGE. METAL BLDGS-(POLARIS POINT)-DETERIORATED PHYSICAL CONDITION, SITS WITHIN ESQD
ALL INADEQUATE SPACES CONSIDERED EXCESS TO THE NEEDS OF NAVAL STATION.

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

NAVPACMETOCCEN WEST UIC 61685 - NONE.

HOST COMMAND NAVSTA GUAM UIC 61755 - DATA AS PER BRAC DATA CALL NUMBER 37 AS FOLLOWS:

FACILITY LIMITATIONS-NONE.
EXPANSION-PSD IS LOCATED IN BUILDING 5 AT NAVAL STATION AND PROVIDES SERVICES TO ALL NAVAL PERSONNEL ON GUAM. SOURCE DATA SYSTEM INSTALLATION SCHEDULED FOR JUNE 1994 AND AUTOMATED DOD IDENTIFICATION CARD SYSTEM SCHEDULED FOR SEPTEMBER 1994. NO FURTHER EXPANSION ANTICIPATED.

Operational Suitability

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

NAVPACMETOCCEN WEST UIC 61685 - NONE.

HOST COMMAND NAVSTA GUAM UIC 61755 - DATA AS PER BRAC DATA CALL NUMBER 37 AS FOLLOWS:

- 170 ACRES AVAILABLE FOR DEVELOPMENT FOR OPERATIONAL AND TRAINING USE
- PIER FACILITIES, PROVIDED REPAIRS TO EARTHQUAKE DAMAGE AND ELECTRICAL UPGRADES ARE APPROVED, COULD ACCOMMODATE MORE/LARGER U. S. NAVY SHIPS.
- PROXIMITY TO ASIAN MAINLAND
- WEATHER (WITH NOTABLE EXCEPTION OF OCCASIONAL TYPHOONS)

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

NAVPACMETOCCEN WEST UIC 61685 - NONE.

HOST COMMAND NAVSTA GUAM UIC 61755 - DATA AS PER BRAC DATA CALL NUMBER 37 AS FOLLOWS:

- APRA HARBOR NOT A SAFE TYPHOON HAVEN
- LIMITED LOCAL RESOURCES WHICH REQUIRES THE IMPORTATION OF SUPPLIES, FOODSTUFFS, MATERIALS, ETC.
- WOULD REQUIRE UPGRADES IN CAPACITY FOR SOME FACILITIES IN ORDER TO ACCOMMODATE SERVICE MEMBERS AND FAMILY MEMBERS.

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 (safe navigation route)(nautical miles) but **could be improved to enhance the station's contingency or mobilization capabilities**? Provide details. **NONE.**

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.
RESERVE TRAINING CONSISTS OF INDIVIDUAL VICE UNIT ASSIGNMENTS (2-5 INDIVIDUALS PER YEAR).

10. Does the infrastructure (i.e., test areas, fuel and munitions storage, warehouse space, industrial space) meet current requirements and provide capabilities for future expansion or change in mission?

NAVPACMETOCCEN WEST UIC 61685 - YES.

HOST COMMAND NAVSTA GUAM UIC 61755 - DATA AS PER BRAC DATA CALL NUMBER 37 AS FOLLOWS: NO.

A. ALL EIGHT NAVAL STATION WHARVES SUSTAINED DAMAGE DURING THE 8 AUG 93 EARTHQUAKE. THE FOLLOWING IS A BREAKDOWN OF THE DAMAGE:

WHARF	CNN	DAMAGE	EST REPAIR COST
ALPHA	15220	STRUCT CRACKS	50K
BRAVO	15220	STRUCK CRACKS	40K
KILO	15210	STRUCK FAILURE	1000K*
SIERRA	15260	STRUCT FAILURE	8300K
TANGO	15260	STRUCT CRACKS	105K
UNIFORM	15220	STRUCT FAILURE	12800K**
VICTOR	15220	STRUCT FAILURE	19100K***
XRAY	15260	STRUCT FAILURE	450K****

* KILO WHARF DAMAGE WAS REPAIRED BY UNDERWATER CONSTRUCTION TEAM

TWO
** UNIFORM WHARF WAS DAMAGED EXTENSIVELY WITH SHEET PILING FAILURE AND MAJOR DECK BUCKLING. IT WAS ABANDONED IN PLACE IMMEDIATELY AFTER THE EARTHQUAKE.
*** VICTOR WHARF WAS ALSO DAMAGED EXTENSIVELY WITH SHEET PILING FAILURE AND MAJOR DECK BUCKLING. ENGINEERS FROM PACDIV ESTIMATED THAT THE WHARF COULD BE BROUGHT UP TO 90% CAPACITY WITH MINIMAL REPAIRS. NMCB-1 HAS REPAIRED THE DECK OF VICTOR 1 AND 2. WE ANTICIPATE THAT NMCB-133 WILL REPAIR THE REMAINDER OF THE DECK.
**** XRAY WHARF WAS REPAIRED ON A COMBINED EFFORT BETWEEN NAVAL STATION AND FISC.
B. WHARF UTILITY ELECTRICAL SERVICES. SIERRA WHARF REQUIRES UPGRADE IN ELECTRICAL POWER CAPABILITY BEYOND THAT AVAILABLE PRIOR TO EARTHQUAKE DAMAGE. SIERRA IS UNABLE TO MEET THE POWER REQUIREMENTS FOR LHA, LHD AND LCC CLASS SHIPS WHEN COLD IRON.

11. Weather and Climate

HOST COMMAND NAVSTA GUAM UIC 61755 - DATA AS PER BRAC DATA CALL NUMBER 37 AS FOLLOWS:

11.a. In the table provide the percent of ship underways and arrivals delayed more than three hours due to weather. Indicate the number of days inport lost due to emergency weather sorties during the same years. Add any further discriptions 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**

	% delay CY 1990	% delay CY 1991	% delay CY 1992	% delay CY 1993
JAN	1	0	0	0
FEB	0	0	0	0
MAR	0	0	0	1
APR	0	0	0	0
MAY	0	1	0	0
JUN	0	0	0	0
JUL	0	0	0	0
AUG	0	0	1	0

	% delay CY 1990	% delay CY 1991	% delay CY 1992	% delay CY 1993
SEP	0	1	0	1
OCT	0	0	1	0
NOV	1	1	3	1
DEC	1	0	0	0
# days lost to weather	8	8	15	8

Remarks: THE PRIMARY CAUSE OF DELAYS AT GUAM ARE DUE TO TROPICAL CYCLONES OR TROPICAL STORMS. FOG,TEMP.,OR WINDS NOT A FACTOR UNLESS WINDS ASSOCIATED WITH A TROPICAL CYCLONE OR STORM.

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			% of upkeep or IMA 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	2.91	6.23	1.39	0	0	0	O	0	0
FEB	3.55	0.53	2.83	0	0	0	O	0	0
MAR	1.41	2.01	1.11	0	0	0	10	0	0
APR	4.62	1.33	0.91	0	0	0	0	0	0
MAY	5.02	2.01	1.38	0	0	0	10	0	0
JUN	5.49	3.70	1.46	0	0	0	0	0	0
JUL	7.79	9.45	7.04	0	0	0	0	0	0
AUG	17.85	36.44	15.04	0	0	0	10	40	0

	Inches of Rain/Snow			Days under 40°F			% of upkeep or IMA 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
SEP	10.16	8.43	10.96	0	0	0	0	0	0
OCT	10.91	12.77	14.50	0	0	0	0	10	0
NOV	13.09	9.65	7.82	0	0	0	40	20	10
DEC	3.66	1.57	5.22	0	0	0	0	0	0

Remarks: PRIMARY FACTOR FOR LOST WORK DAYS ARE TROPICAL CYCLONES OR TROPICAL STORMS. NORMAL RAINFALL,FOG OR TEMP NOT A FACTOR.

11.c. Describe any **unique training opportunities afforded by the local climate or geography**. THE PACIFIC ISLAND VOLCANIC TOPOGRAPHY IS UTILIZED EXTENSIVELY BY U. S. NAVY SPECIAL WARFARE UNITS AS WELL AS U.S.MARINES AND DEPLOYED CONSTRUCTION BATTALIONS. WARM AND HUMID, IT AFFORDS AN EXCELLENT OPPORTUNITY FOR JUNGLE WARFARE TRAINING.

Quality of Life

12. Military Housing

HOST COMMAND NAVSTA GUAM UIC 61755 - DATA AS PER BRAC DATA CALL NUMBER 37 AS FOLLOWS:

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+	70	70	0	0

Type of Quarters	Number of Bedrooms	Total number of units	Number Adequate	Number Substandard	Number Inadequate
Officer	3	109	109	0	0
Officer	1 or 2	50	50	0	0
Enlisted	4+	226	226	0	0
Enlisted	3	450	450	0	0
Enlisted	1 or 2	624	624	0	0
Mobile Homes		0	0	0	0
Mobile Home lots		0	0	0	0

(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: 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?

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

Pay Grade	Number of Bedrooms	Number on List[1]	Average Wait
O-6/7/8/9	1	0	0
	2	0	0
	3	0	0
	4+	1	1MO.
O-4/5	1	0	0
	2	2	1MO.
	3	12	1MO.
	4+	0	0
O-1/2/3/CWO	1	0	0
	2	8	1MO.
	3	12	1MO.
	4+	5	1-2MO.
E7-E9	1	0	0
	2	0	0
	3	18	1-2MO.
	4+	6	1-2MO.
E1-E6	1	100	2-3MO.
	2	89	2-3MO.
	3	45	2-3MO.
	4+	8	1-2MO.

[1]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? NO. If so provide details.

	Top Five Factors Driving the Demand for Base Housing
1	COST
2	CONVENIENCE
3	NAVY HOUSING OVERALL SUPERIOR TO HOUSING IN COMMUNITY
4	UTILITIES INCLUDED
5	UTILITIES AND MAINTENANCE SUPERIOR TO COMMUNITY

(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	98%
Substandard	0
Inadequate	0

(8) As of 31 March 1994, have you experienced much of a change since FY 1993? NO. If so, why? If occupancy is under 98% (or vacancy over 2%), is there a reason? N/A

12.b. BEQ:

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

Type of Quarters	Utilization Rate
Adequate	100%
Substandard	N/A
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? AS OF MARCH 31, 1994 FY 94 AVERAGE OCCUPANCY IS 86%. DECOMMISSIONING OF 2 USN SHIPS IN FY 93 PLACED UTILIZATION AT 100%. LESS THAN 95% UTILIZATION IN FY 94 ALSO ATTRIBUTED TO LESS PERSONNEL ASSIGNED TO TPU.

(3) Calculate the Average on Board (AOB) for geographic bachelors as follows: N/A*

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

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

Reason for Separation from Family	Number of GB	Percent of GB	Comments
Family Commitments (children in school, financial, etc.)	N/A	N/A	N/A*
Spouse Employment (non-military)	N/A	N/A	N/A*
Other	N/A	N/A	N/A*
TOTAL	N/A	N/A	

(5) How many geographic bachelors do not live on base?N/A*
*47b(3)(4)(5) PER PARAGRAPH 1105 OF NAVPERS 15606 GUAM DOES NOT MEET THE CRITERIA FOR GEOGRAPHIC BACHELOR STATUS. ACCORDINGLY THIS INFORMATION IS UNAVAILABLE.

12.c. BOQ:

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

Type of Quarters	Utilization Rate
Adequate	100%
Substandard	N/A
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? AS OF MARCH 31, 1994 FY 94 AVERAGE OCCUPANCY IS 76%. DECOMMISSIONING OF 2 USN SHIPS IN FY 93 PLACED UTILIZATION AT 100%.

(3) Calculate the Average on Board (AOB) for geographic bachelors as follows:N/A*

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

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

Reason for Separation from Family	Number of GB	Percent of GB	Comments
Family Commitments (children in school, financial, etc.)	N/A	N/A	N/A*
Spouse Employment (non-military)	N/A	N/A	N/A*
Other	N/A	N/A	N/A*
TOTAL	N/A	N/A	

(5) How many geographic bachelors do not live on base?N/A*
47c(3)(4)(5) PER PARAGRAPH 1105 OF NAVPERS 15606 GUAM DOES NOT MEET THE CRITERIA FOR GEOGRAPHIC BACHELOR STATUS. ACCORDINGLY THIS INFORMATION IS UNAVAILABLE.

On Base MWR Facilities

HOST COMMAND NAVSTA GUAM UIC 61755 - DATA AS PER BRAC DATA CALL NUMBER 37 AS FOLLOWS:

13. For on-base MWR facilities[1] 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 NONE DISTANCE NONE

Facility	Unit of Measure	Total	Profitable (Y,N,N/A)
Auto Hobby	Indoor Bays	10	N
	Outdoor Bays	8	N
Arts/Crafts	SF	2400	N
Wood Hobby	SF	0	N/A
Bowling	Lanes	16	N
Enlisted Club	SF	16280	Y
Officer's Club	SF	8000	Y
Library	SF	6000	N
Library	Books	12875	N
Theater	Seats	990	Y
ITT	SF	250	Y
Museum/Memorial	SF	0	N/A
Pool (indoor)	Lanes	0	N/A
Pool (outdoor)	Lanes	4	N
Beach	LF	1000	N
Swimming Ponds	Each	0	N/A
Tennis CT	Each	11	N

[1]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
Basketball CT (outdoor)	Each	2	N
Racquetball CT	Each	2	N
Golf Course	Holes	0	N/A
Driving Range	Tee Boxes	6	Y
Gymnasium	SF	10000	N
Fitness Center	SF	5000	N
Marina	Berths	36	N
Stables	Stalls	0	N/A
Softball Fld	Each	2	N
Football Fld	Each	1	N
Soccer Fld	Each	2	N
Youth Center	SF	12000	N

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

HOST COMMAND NAVSTA GUAM UIC 61755 - DATA AS PER BRAC DATA CALL NUMBER 37 AS FOLLOWS:

YES. NETWORKED WITH TWO NAVY GENERAL LIBRARIES ON ISLAND AND ANDERSEN AFB IN ADDITION TO LOCAL CIVILIAN AND UNIVERSITY LIBRARIES.

15. Base Family Support Facilities and Programs

HOST COMMAND NAVSTA GUAM UIC 61755 - DATA AS PER BRAC DATA CALL NUMBER 37 AS FOLLOWS:

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	7 FOR 0-12 MONS	YES			26	180
6-12 Mos	SEE ABOVE	SEE ABOVE			SEE ABOVE	SEE ABOVE
12-24 Mos	10	YES			47	240
24-36 Mos	27	YES			12	60
3-5 Yrs	52	YES			99	150

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. A LISTING IS PROVIDED CONTAINING DAYCARE FACILITIES AVAILABLE ON GUAM. THE LIST IS ATTACHED TO BRAC DATA CALL 37 HARDCOPY.

d. How many "certified home care providers" are registered at your base? 46

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). NAVAL HOSPITAL GUAM. CAPACITY IS 54 CHILDREN, 0-5 YEARS.

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

HOST COMMAND NAVSTA GUAM UIC 61755 - DATA AS PER BRAC DATA CALL NUMBER 37 AS FOLLOWS:

Service	Unit of Measure	Qty
Exchange	249395 SF	1
Gas Station	1456 SF	1
Auto Repair	39720 SF	1
Auto Parts Store	2940 SF	1
Commissary	31825 SF	1
Mini-Mart	14033 SF	2
Package Store	1720 SF	1
Fast Food Restaurants	Each	6
Bank/Credit Union	Each	1
Family Service Center*	1449 SF	1
Laundromat	2200 SF	2
Dry Cleaners	2 Each	2
ARC	20 PN	1
Chapel	500 PN	2
FSC* Classrm/Auditorium	985 PN	1
TOYLAND FURN MART BARBER SHOP	12000 SF 48600 SF 12O SF	1 1 1

*THE FSC OFFICE AT NAVAL STATION IS AN ANNEX AND DOES NOT PROVIDE FULL SERVICES TO ITS CUSTOMERS. ADDITIONAL FSC OFFICES ARE LOCATED AT NAVAL HOSPITAL AND NAVAL TELECOMMUNICATIONS AREA MASTER STATION WESTPAC, GUAM.

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

FOR NAVPACMETOCCEN WEST UIC 61685:

City	Distance (Miles)
AGANA/TAMUNING	2

* OFF ISLAND:NAGASAKI JN. 1445 NM. SOURCE:DMA PUB 151
YOKOHAMA JN. 1352 NM.
NAGOYA JN. 1378 NM

18. Standard Rate VHA Data for Cost of Living:

HOST COMMAND NAVSTA GUAM UIC 61755 - DATA AS PER BRAC DATA CALL NUMBER 37 AS FOLLOWS:

Paygrade	With Dependents	Without Dependents
E1	* SEE BELOW	
E2		
E3		
E4		
E5		
E6		
E7		
E8		
E9		
W1		
W2		
W3		
W4		

O1E		
O2E		
O3E		
O1		
O2		
O3		
O4		
O5		
O6		
O7		

* GUAM DOES NOT HAVE VHA BUT OHA INSTEAD. OHA IS COMPUTED AS FOLLOWS:
MONTHLY RENT/RENTAL CEILING(WHICHEVER IS LESS)
ADD AVERAGE UTIL/RECURRING MAINT ALLOW
=GROSS TOTAL
LESS BAQ
=MONTHLY OHA
ILLUSTRATED, OHA IS DERIVED FROM COMPUTATIONS BASED ON # OF FAMILY MEMBERS, YEARS OF SERVICE AND PAYGRADE. INDEX RATE 122 IS PROVIDED ON HARD COPY VERSION OF BRAC DATA CALL 37.

19.a. Off-base housing rental and purchase

HOST COMMAND NAVSTA GUAM UIC 61755 - DATA AS PER BRAC DATA CALL NUMBER 37 AS FOLLOWS:

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	1200	830	150-200

Apartment (1-2 Bedroom)	1300	750	175-250
Apartment (3+ Bedroom)	1400	1150	200-250
Single Family Home (3 Bedroom)	1500	1300	250-300
Single Family Home (4+ Bedroom)	2000	1600	300-400
Town House (2 Bedroom)	1300	1100	200-250
Town House (3+ Bedroom)	1600	1200	250-300
Condominium (2 Bedroom)	1300	1100	200-250
Condominium (3+ Bedroom)	2000	1750	250-300

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

Type Rental	Percent Occupancy Rate
Efficiency	20%
Apartment (1-2 Bedroom)	60%
Apartment (3+ Bedroom)	30%
Single Family Home (3 Bedroom)	20%
Single Family Home (4+ Bedroom)	5%
Town House (2 Bedroom)	20%
Town House (3+ Bedroom)	10%
Condominium (2 Bedroom)	10%
Condominium (3+ Bedroom)	20%

NOTE: TABLE REFLECTS POSITION OF MILITARY OCCUPANTS WHICH SHARE THESE RENTALS WITH OTHERS IN THE COMMUNITY.

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

Type of Home	Median Cost
Single Family Home (3 Bedroom)	$228,800
Single Family Home (4+ Bedroom)	$254,700
Town House (2 Bedroom)	$211,700

Town House (3+ Bedroom)	$250,000
Condominium (2 Bedroom)	$177,000
Condominium (3+ Bedroom)	$275,000

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	6	0	0
February	3	0	0
March	2	0	0
April	4	0	0
May	6	0	0
June	5	0	0
July	3	0	0
August	4	0	0
September	5	0	0
October	6	0	0
November	4	0	0
December	2	0	0

(e) Describe the principle housing cost drivers in your local area. COST. FOR EXAMPLE, THE 2 BEDROOM CONDOMINIUM LISTED IN TABLE 54c IS AFFORDABLE ONLY TO THOSE IN PAYGRADES OF 01E AND ABOVE WITH DOWN PAYMENTS RANGING FROM $26,000 TO $55,000.

LACK OF INFRASTRUCTURE(WATER/SEWER/ELECTRICITY)
HIGH COST OF MATERIALS(SHIPPED TO THE ISLAND)
HIGH COST OF LABOR
COMPETITION WITH REAL ESTATE INVESTMENT SPECULATORS
(JAPANESE, KOREAN, CHINESE AND AUSTRALIANS)

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

HOST COMMAND NAVSTA GUAM UIC 61755 - DATA AS PER BRAC DATA CALL NUMBER 37 AS FOLLOWS:

Rating	Number Sea Billets in the Local Area	Number of Shore billets in the Local Area
RM	118	39
BT	47	53
SK	140	20
MM	74	45
BM	74	71

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

NAVPACMETOCCEN WEST UIC 61685:

Location	% Employees	Distance (mi)	Time(min)
AGAT-SANTA RITA	18	7	15
AGANA-ANIGUA	25	2	5
BARRIGADA-MANGILAO	24	6	15
TAMUNING-TUMON	18	5	20
DEDEDO-YIGO	15	12	30

HOST COMMAND NAVSTA GUAM UIC 61755 - DATA AS PER BRAC DATA CALL NUMBER 37 AS FOLLOWS:

Location	% Employees	Distance (mi)	Time(min)
AGAT-SANTA RITA	30	5	10
AGANA-ANIGUA	10	7	20
BARRIGADA-MANGILAO	10	10	35
TAMUNING-TUMON	20	10	35
DEDEDO-YIGO	30	20	45

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

HOST COMMAND NAVSTA GUAM UIC 61755 - DATA AS PER BRAC DATA CALL NUMBER 37 AS FOLLOWS:

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. ALL DIRECT AND RELATED SPECIAL EDUCATION SERVICES ARE CURRENTLY AVAILABLE AND CAN BE ACCESSED THROUGH THE PUBLIC SCHOOL SYSTEM. SOME PRIVATE SCHOOLS RECEIVE SPECIAL EDUCATION SERVICES BY AN ITINERANT SERVICE PROVIDER. LISTING OF WHICH SCHOOLS UNAVAILABLE. GUAM DOES NOT HAVE A RESIDENT TREATMENT CENTER FOR EMOTIONALLY OR BEHAVIORALLY DISTURBED YOUTH REQUIRING RESIDENTIAL CARE.
* INFORMATION NOT AVAILABLE.

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

23 PUBLIC ELEMENTARY SCHOOLS	PUBLIC	K-5	YES	$5920	N/A	N/A	GUAM PUBLIC SCHOOL SYS
6 PUBLIC MIDDLE SCHOOLS	PUBLIC	6-8	YES	$5920	N/A	N/A	SAME AS ABOVE
GEORGE WASHINGTON HIGH	PUBLIC	9-12	YES	$5920	865	N/A*	SAME AS ABOVE
INARAJAN HIGH	PUBLIC	9-12	YES	$5920	991	N/A*	
JOHN F. KENNEDY HIGH	PUBLIC	9-12	YES	$5920	750	N/A*	
OCEANVIEW HIGH	PUBLIC	9-12	YES	$5920	854	N/A*	
SIMON SANCHEZ HIGH	PUBLIC	9-12	YES	$5920	1104	N/A*	

ACADEMY OF OUR LADY	PAR	9-12	N/A	$2500	N/A*	N/A*	EACH SCHOOL PROVIDED INFO
ANADA MARGO	PAR	PRE-&K	N/A	$2860	N/A	N/A	
BISHOP BAUMGARTNER	PAR	6-8	N/A	$2000	N/A	N/A	
CATHEDRAL GRADE SCHOOL	PAR	1-5	N/A	$2000	N/A	N/A	
DOMINICAN CHILD CENTER	PAR	PRE-&K	N/A	$2100	N/A	N/A	
EVANGELICAL CHRISTIAN	PRI	K-12	N/A	$2600	N/A*	N/A*	
FATHER DUENAS HIGH SCHOOL	PAR	9-12	N/A	$3100	N/A*	N/A*	
GUAM ADVENTIST ACADEMY	PRI	K-12	N/A	$3050	N/A*	N/A*	
HARVEST CHRISTIAN ACADEMY	PRI	K-12	N/A	$3300	N/A*	N/A*	
INFANT OF PRAGUE NURSERY	PAR	PRE-&K	N/A	$2250	N/A	N/A	
MARIA ARTERO NURSERY	PRI	PRE-&K	N/A	$1500	N/A	N/A	
MERCY HEIGHTS PRESCHOOL	PRI	PRE-&K	N/A	$2250	N/A	N/A	
MONTESSORI SCHOOL	PRI	PRE-&K	N/A	$2200	N/A	N/A	
MOUNT	PAR	K-8	N/A	$2350	N/A	N/A	
CARMEL	PAR	9-12	N/A	$2150	800	85%	
NOTRE DAME HIGH SCHOOL	PAR	1-8	N/A	$2850	N/A	N/A	
SAINT ANTHONY'S SCHOOL	PAR	PRE-&K-8	N/A	$2000	N/A	N/A	
SAN VICENTE SCHOOL	PAR	K-8	N/A	$1900	N/A	N/A	
SANTA BARBARA SCHOOL	PAR	K-8	N/A	$1700	N/A	N/A	
ST.FRANCIS							

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	
UNIVERSITY OF GUAM	Day	NO	NO	YES	YES	YES
	Night	NO	NO	YES	YES	YES
GUAM COMMUNITY COLLEGE	Day	YES	YES	NO	NO	NO
	Night	YES	YES	YES	YES	NO
UNIVERSITY OF OKLAHOMA	Day	NO	NO	NO	NO	YES
	Night	NO	NO	NO	NO	YES
	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	
UNIVERSITY OF MARYLAND	Day	NO	NO	NO	YES	NO
	Night	NO	NO	NO	YES	YES
	Corres-pondence	NO	NO	NO	NO	NO

GUAM COMMUNITY COLLEGE	Day	NO	NO	NO	NO	NO
	Night	YES	NO	NO	NO	NO
	Corres-pondence	NO	NO	NO	NO	NO
	Day					
	Night					
	Corres-pondence					
	Day					
	Night					
	Corres-pondence					

23. Spousal Employment Opportunities

HOST COMMAND NAVSTA GUAM UIC 61755 - DATA AS PER BRAC DATA CALL NUMBER 37 AS FOLLOWS:

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	*	*	106	**
Manufacturing	*	*	3	**
Clerical	*	*	228	**
Service	*	*	59	**
Other	*	*	71	**

*INFORMATION FOR 1991 AND 1992 IS NO LONGER AVAILABLE. DATA FOR 1993 REPRESENTS ALL SEAP CLIENTS ISLAND-WIDE. STATISTICAL RECORDS FOR SEAP CLIENTS DO NOT INCLUDE INFORMATION ON COMMAND. THEREFORE, DATA SPECIFIC TO NAVAL STATION CLIENTS IS NOT AVAILABLE.

**LOCAL COMMUNITY UNEMPLOYMENT RATES ARE NOT KEPT BY SKILL LEVEL. THE YEARLY RATES WERE:
1991:3.5%;1992:3.9%;1993:5.5%.

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.
NO. NAVHOSP GUAM PROVIDES ALL ROUTINE CARE. CERTAIN SPECIALIZED CARE IS REFERED TO TRIPLER ARMY HOSPITAL. ALL SERVICE MEMBERS ARE TREATED THROUGH THE MILITARY HEALTH CARE SYSTEM ON GUAM. THERE CAN BE WAITS OF UP TO FOUR HOURS FOR PERSONNEL TO BE SEEN AT MILITARY SICK CALL.

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.
NO. ACCESS TO MEDICAL CARE IS THE SAME FOR DEPENDENTS AS FOR ACTIVE DUTY SERVICE MEMBERS. DEPENDENTS RECEIVE DENTAL CARE THROUGH CIVILIAN HEALTH CARE PROVIDERS UNDER THE DELTA DENTAL PROGRAM (DDP) SYSTEM.

26. Complete the table below to indicate the crime rate for your base 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.

HOST COMMAND NAVSTA GUAM UIC 61755 - DATA AS PER BRAC DATA CALL NUMBER 37 AS FOLLOWS:

Crime Definitions	FY 1991	FY 1992	FY 1993
1. Arson (6A)	* NO RECORDS AVAIL FOR FY 1991		
Base Personnel - military	N/A	0	2
Base Personnel - civilian	N/A	1	1
Off Base Personnel - military	N/A	0	0
Off Base Personnel - civilian	N/A	0	0
2. Blackmarket (6C)	*SEE ABOVE		
Base Personnel - military	N/A	0	0

Base Personnel - civilian	N/A	0	0
Off Base Personnel - military	N/A	0	0
Off Base Personnel - civilian	N/A	0	0
3. Counterfeiting (6G)	*SEE ABOVE		
Base Personnel - military	N/A	0	0
Base Personnel - civilian	N/A	0	0
Off Base Personnel - military	N/A	0	0
Off Base Personnel - civilian	N/A	0	0
4. Postal (6L)	*SEE ABOVE		
Base Personnel - military	N/A	0	0
Base Personnel - civilian	N/A	0	0
Off Base Personnel - military	N/A	0	1
Off Base Personnel - civilian	N/A	0	0

Crime Definitions	FY 1991	FY 1992	FY 1993
5. Customs (6M)	*NO RECORDS AVAIL FOR FY 1991		
Base Personnel - military	N/A	0	0
Base Personnel - civilian	N/A	0	0
Off Base Personnel - military	N/A	0	0
Off Base Personnel - civilian	N/A	0	1
6. Burglary (6N)	*SEE ABOVE		
Base Personnel - military	N/A	3	9
Base Personnel - civilian	N/A	1	6
Off Base Personnel - military	N/A	0	0
Off Base Personnel - civilian	N/A	0	3
7. Larceny - Ordnance (6R)	*SEE ABOVE		

Base Personnel - military	N/A	0	0
Base Personnel - civilian	N/A	0	0
Off Base Personnel - military	N/A	0	0
Off Base Personnel - civilian	N/A	0	0
8. Larceny - Government (6S)	*SEE ABOVE		
Base Personnel - military	N/A	2	14
Base Personnel - civilian	N/A	10	58
Off Base Personnel - military	N/A	1	2
Off Base Personnel - civilian	N/A	3	1

Crime Definitions	FY 1991	FY 1992	FY 1993
9. Larceny - Personal (6T)	*NO RECORDS AVAIL FOR FY 1991		
Base Personnel - military	N/A	15	69
Base Personnel - civilian	N/A	9	64
Off Base Personnel - military	N/A	2	16
Off Base Personnel - civilian	N/A	1	7
10. Wrongful Destruction (6U)	*SEE ABOVE		
Base Personnel - military	N/A	0	28
Base Personnel - civilian	N/A	1	16
Off Base Personnel - military	N/A	1	2
Off Base Personnel - civilian	N/A	1	2
11. Larceny - Vehicle (6V)	*SEE ABOVE		
Base Personnel - military	N/A	0	5
Base Personnel - civilian	N/A	0	1
Off Base Personnel - military	N/A	0	0
Off Base Personnel - civilian	N/A	0	0

12. Bomb Threat (7B)	*SEE ABOVE		
Base Personnel - military	N/A	3	18
Base Personnel - civilian	N/A	5	30
Off Base Personnel - military	N/A	1	6
Off Base Personnel - civilian	N/A	2	2

Crime Definitions	FY 1991	FY 1992	FY 1993
13. Extortion (7E)	*NO RECORDS AVAIL FOR FY 1991		
Base Personnel - military	N/A	0	1
Base Personnel - civilian	N/A	0	0
Off Base Personnel - military	N/A	0	0
Off Base Personnel - civilian	N/A	0	0
14. Assault (7G)	*SEE ABOVE		
Base Personnel - military	N/A	4	30
Base Personnel - civilian	N/A	7	37
Off Base Personnel - military	N/A	3	7
Off Base Personnel - civilian	N/A	1	4
15. Death (7H)	*SEE ABOVE		
Base Personnel - military	N/A	0	0
Base Personnel - civilian	N/A	0	0
Off Base Personnel - military	N/A	0	0
Off Base Personnel - civilian	N/A	0	0
16. Kidnapping (7K)	*SEE ABOVE		
Base Personnel - military	N/A	0	0
Base Personnel - civilian	N/A	0	0
Off Base Personnel - military	N/A	0	0

Off Base Personnel - civilian	N/A	0	0

Crime Definitions	FY 1991	FY 1992	FY 1993
18. Narcotics (7N)	*NO RECORDS AVAIL FOR FY 1991		
Base Personnel - military	N/A	0	3
Base Personnel - civilian	N/A	0	1
Off Base Personnel - military	N/A	0	0
Off Base Personnel - civilian	N/A	0	0
19. Perjury (7P)	*SEE ABOVE		
Base Personnel - military	N/A	0	0
Base Personnel - civilian	N/A	0	0
Off Base Personnel - military	N/A	0	0
Off Base Personnel - civilian	N/A	0	0
20. Robbery (7R)	*SEE ABOVE		
Base Personnel - military	N/A	0	0
Base Personnel - civilian	N/A	0	0
Off Base Personnel - military	N/A	0	0
Off Base Personnel - civilian	N/A	0	0
21. Traffic Accident (7T)	*SEE ABOVE		
Base Personnel - military	N/A	12	75
Base Personnel - civilian	N/A	3	62
Off Base Personnel - military	N/A	4	14
Off Base Personnel - civilian	N/A	1	8

Crime Definitions	FY 1991	FY 1992	FY 1993
22. Sex Abuse - Child (8B)	*NO RECORDS AVAIL FOR FY 1991		
Base Personnel - military	N/A	0	0
Base Personnel - civilian	N/A	1	1
Off Base Personnel - military	N/A	0	0
Off Base Personnel - civilian	N/A	0	0
23. Indecent Assault (8D)	*SEE ABOVE		
Base Personnel - military	N/A	0	0
Base Personnel - civilian	N/A	1	0
Off Base Personnel - military	N/A	0	0
Off Base Personnel - civilian	N/A	1	0
24. Rape (8F)	*SEE ABOVE		
Base Personnel - military	N/A	0	1
Base Personnel - civilian	N/A	0	0
Off Base Personnel - military	N/A	0	0
Off Base Personnel - civilian	N/A	0	0
25. Sodomy (8G)	*SEE ABOVE		
Base Personnel - military	N/A	0	0
Base Personnel - civilian	N/A	0	0
Off Base Personnel - military	N/A	0	0
Off Base Personnel - civilian	N/A	0	0

Activity UIC: 61685

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

Donald A. Mautner, CAPT, USN
NAME (Please type or print)

Signature

Commanding Officer
Title

27 June 94
Date

NAVPACMETOCCEN WEST/JTWC
Activity

Activity UIC: 61685

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

NEXT ECHELON LEVEL (if applicable)

Richard J. Pentimonti, CAPT, USN
NAME (Please type or print)

Signature

Commanding Officer
Title

27 June 1994
Date

NAVPACMETOCCEN, PEARL HARBOR, HI
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)

John E. Chubb, RADM, USN
NAME (Please type or print)

Signature

Commander
Title

5 July 94
Date

NAVMETOCCOM, STENNIS SPACE CENTER, MS
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

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 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

Activity UIC: 61685

BRAC-95 CERTIFICATION

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

CHARLES M WHITE
NAME (Please type or print)

Charles M White
Signature

OPERATIONS OFFICER
Title

27 JUNE 94
Date

N/A
Division

OPERATIONS
Department

NAVAL PACIFIC METEOROLOGY AND OCEANOGRAPHY CENTER WEST/JOINT TYPHOON WARNING CENTER, GUA
Activity

Activity UIC: 61685

BRAC-95 CERTIFICATION

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

Rebecca E. Stone
NAME (Please type or print)

Rebecca E. Stone
Signature

ASSISTANT OPERATIONS OFFICER
Title

27 JUNE 94
Date

N/A
Division

OPERATIONS
Department

NAVAL PACIFIC METEOROLOGY AND OCEANOGRAPHY CENTER WEST/JOINT TYPHOON WARNING CENTER, GU
Activity

Activity UIC: 61685

BRAC-95 CERTIFICATION

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

Brett T. Sherman
NAME (Please type or print)

Brett T. Sherman CDR, USN
Signature

Executive Officer
Title

6/27/94
Date

—
Division

—
Department

NAVPACMETOCCEN WEST/JTWC
Activity

Activity UIC: 61685

BRAC-95 CERTIFICATION

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

BRUCE J MORRIS
NAME (Please type or print)

Signature

FLEET SERVICES OFFICER
Title

27 JUNE 94
Date

FLEET SERVICES
Division

OPERATIONS
Department

NAVAL PACIFIC METEOROLOGY AND OCEANOGRAPHY CENTER WEST/JOINT TYPHOON WARNING CENTER, GU
Activity

Activity UIC: 61685

BRAC-95 CERTIFICATION

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

DAVID M. HONE
NAME (Please type or print)

Signature

METEOROLOGICAL SERVICES OFFICER
Title

27 JUNE 94
Date

METEOROLOGICAL SERVICES
Division

OPERATIONS
Department

NAVAL PACIFIC METEOROLOGY AND OCEANOGRAPHY CENTER WEST/JOINT TYPHOON WARNING CENTER, GU
Activity

Activity UIC: 61685

BRAC-95 CERTIFICATION

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

Joseph C. Vitug
NAME (Please type or print)

Signature

STORE KEEPER
Title

6/27/94
Date

SUPPLY
Division

EQPT SUPPORT DEPT
Department

NAVPACMETOCCEN WEST / TTWC
Activity

Activity UIC: 61685

BRAC-95 CERTIFICATION

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

Vicente L. Guerrero
NAME (Please type or print)

Signature

Budget Analyst
Title

6/27/94
Date

Admin
Division

Budget
Department

NPMCC West
Activity

Activity UIC: 61685

BRAC-95 CERTIFICATION

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

R. S. Stevens
NAME (Please type or print)

[signature], ENS, USN
Signature

Equipment Support Officer
Title

27 JUNE 94
Date

Division

Equipment Support Department
Department

NAVPACMETOCCEN WEST/JTWC
Activity

Activity UIC: 61685

BRAC-95 CERTIFICATION

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

LCDR Gordon Roberts
NAME (Please type or print)

Signature

OPERATIONS OFFICER, NAVSTATION GUAM
Title

27 JUNE 1994
Date

Division

OPERATIONS
Department

NAVSTA, GUAM
Activity

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 PACIFIC METEOROLOGY AND OCEANOGRAPHY CENTER WEST/JOINT TYPHOON WARNING CENTER, GUAM
Acronym(s) used in correspondence	NAVPACMETOCCEN WEST/JTWC, GUAM
Commonly accepted short title(s)	NAVPACMETOCEN WEST, NPMOC W

- Complete Mailing Address
  COMMANDING OFFICER
  U.S. NAVAL PACIFIC METEOROLOGY AND OCEANOGRAPHY CENTER
  WEST/JOINT TYPHOON WARNING CENTER, GUAM
  PSC 489, BOX 12
  FPO AP 96536-0051
- PLAD
  NAVPACMETOCCEN WEST GU

- PRIMARY UIC: 61685 (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): 65267 PURPOSE: PROVIDE SPECIAL METOC SUPPORT

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 ___X___ (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 ___X___ No _____ (check one)
- Primary Host (current) UIC: 61755
- Primary Host (as of 01 Oct 1995) UIC: 61755
- Primary Host (as of 01 Oct 2001) UIC: 61755

• 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 ___X___ (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
NONE		

5. DETACHMENTS: If your activity has detachments at other locations, please list them in the table below.

Name	UIC	Location	Host name	Host UIC
NPMOC DET AGANA, GUAM	66454	AGANA,GUAM	U.S. NAVAL AIR STATION GUAM	61577
NPMOC DET DIEGO GARCIA	35583	DIEGO GARCIA	NAVAL SUPPORT FACILITY DIEGO GARCIA	68539
NAVPACMETOC DET BAHRAIN	68980	BAHRAIN	ADMINISTRATIVE SUPPORT UNIT BAHRAIN	63005

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.

Yes. Our detachment, Naval Pacific Meteorology and Oceanography Detachment, Agana, Guam located at U.S. Naval Air Station, Agana, Guam will be closed.

CNMOC ACTIVITIES AFFECTED BY BRAC 93

CLOSURE OF HOST ACTIVITY	RESULTING IN CLOSURE OF CNMOC ACTIVITY (UIC)	FISCAL YEAR
Naval Air Station	NPMOC DET AGANA, GUAM 66454	95

7. MISSION

Current Missions

In support of EUCOM, CENTCOM, AND PACOM:

- Provide support to OPERATION SOUTHERN WATCH (Iraq) with 12 hourly tailored area forecast.

- Provide support to OPERATION FULL ACCOUNTING (Southern Vietnam) with 12 hourly tailored area forecast.

- Provide support to joint and/or combined exercises with area forecasts and tactical systems performance forecasts as requested (COBRA GOLD, TANDEM THRUST, TEAM SPIRIT, etc.)

In support of COMUSNAVCENT, COMSEVENTHFLT, the U. S. COAST GUARD, and MILITARY SEALIFT COMMAND:

- Provide 12 hourly High Winds and Seas Warnings for the northern West Pacific and northern Indian Oceans.

- Provide 24 hourly enroute weather forecasts for DoD, USCG, and friendly nations' shipping, 12 hourly forecasts for hazardous weather conditions.

- Provide recommendations for hazardous weather avoidance for DoD, USCG, and friendly nations' shipping.

- Provide real-time Search and Rescue (SAR) support as requested.

- Transmit unclassified Western Pacific and Indian Ocean 24 hour Marine Weather Facsimile broadcasts.

- Provide environmental training services (weather observations, chart interpretation, etc.) upon request.

In support of COMUSNAVCENT, COMSEVENTHFLT, and MILITARY SEALIFT COMMAND:

- Transmit classified Western Pacific and Indian Ocean 24 hour Environmental Data Broadcasts.

In support of COMUSNAVCENT and COMSEVENTHFLT:

- Provide Regional Oceanographic Analyses (ROAs), area forecasts, systems performance forecasts, and other tailored met/ocean products to U.S. and/or combined naval forces for fleet ASW exercises, as requested.

- Provide classified and unclassified compressed data (tailored met/ocean support and/or NODDS run) via STEL/STU III PC to PC file transfer to units at sea.

- Provide twice weekly Ocean Fronts and Eddies analyses for

the Arabian Gulf, Red Sea, and northwest Pacific to maximize ASW system/platform employment.

- Provide weekly Sonic Layer Depth analysis for the Northwest Pacific.

- Provide daily Arabian Gulf current analysis and forecast.

- Provide twice weekly Sea Surface Temperature analyses for the Arabian Gulf, Red Sea, and northwest Pacific to maximize ASW system/platform employment.

- Provide alternate originating point for TESS 3.0 gridded field SHF broadcast from NCTAMS EASTPAC as backup for NAVPACMETOCCEN.

In support of CTF 74:

- Provide 12 hourly TOMAHAWK Environmental Support Product.

In support of COMSEVENTHFLT and COMSCFE:

- Conduct Fleet Liaison visits and briefings to keep forward-deployed units apprised of environmental impact on their mission and support available.

- Provide weekly Energy Savings message defining Kuroshio current position.

In support of COMUSNAVCENT:

- Provide twice weekly Mine Drift forecast to units in the Arabian Gulf.

Projected Missions for FY 2001

- Originate TESS 3.0 gridded field SHF broadcast for the Western Pacific and Indian Oceans via NCTAMS WESTPAC when theater SHF communications capability is expanded (planned for FY 1995).

- Provide unclassified bulletin board service to replace above Western Pacific and Indian Oceans HF facsimile broadcasts, scheduled for discontinuation FY 1995.

- Provide STEL/STU III classified bulletin board service as upgrade/augment to current PC to PC file transfer service.

8. UNIQUE MISSIONS:

Current Unique Missions

JTWC:

- Provide Tropical Cyclone Warnings for the Western Pacific and Indian Oceans.

- Provide Tropical Weather Advisories/Summaries for the Western Pacific and Indian Oceans.

NATIONAL COMMAND AUTHORITY/CLASSIFIED MISSION SUPPORT:

- Operate 24 hour SCI Facility (SCIF), and all corollary equipment. SCIF also supports COMNAVMARIANAS/CINCPACREP GUAM; Naval Command, Control, and Ocean Surveillance Center, In-Service West Facility (NISE WEST FAC); and USS HOLLAND.

- Operate 24 hour Special Intelligence Communications Center (SPINTCOMM), and all corollary equipment. SPINTCOMM maintains the communications guard for SCI NCA tasking of COMNAVMARIANAS/CINCPACREP GUAM and USS HOLLAND.

- With SCIF and SPINTCOMM, provide Special (TOP SECRET and SCI) METOC support to operational units of COMSEVENTHFLT, COMTHIRDFLT, and COMUSNAVCENT for area stretching from the southern tip of Africa east to the west coast of the United States.

- Provide Special Security Officer (SSO) services for 46 Sensitive Compartmented Information (SCI) billets belonging to COMNAVMARIANAS/CINCPACREP GUAM, NISE WEST FAC, and several NAVMETOCCOM activities throughout the western Pacific claimancy.

- Provide tailored briefs, climatology studies, and forecasts upon request to NAVSPECWARUNIT 1.

In support of USCINCPACREP GUAM/COMNAVMARIANAS:

- Provide tropical cyclone Condition of Readiness recommendations based on anticipated arrival of destructive winds.

- Provide sortie recommendations for Apra Harbor.

In support of USCINCPACREP GUAM/COMNAVMARIANAS, the U.S. State Department and the governments of Guam, the Commonwealth of the Northern Mariana Islands, the Republic of the Marshall Islands, the Republic of Palau, and the Federated States of Micronesia, provide civilian weather services as follows:

- Issue daily forecast for islands of Guam, the Commonwealth of the Northern Mariana Islands, the Republic of the Marshall Islands, the Republic of Palau, the Federated States of Micronesia, and surrounding waters.

- Set Tropical Cyclone Watch and Warning Status for islands of Guam, the Commonwealth of the Northern Mariana Islands, the Republic of the Marshall Islands, the Republic of Palau, and the Federated States of Micronesia.

- Issue Gale Warnings for waters surrounding Guam, the Commonwealth of the Northern Mariana Islands, the Republic of the Marshall Islands, the Republic of Palau, and the Federated States of Micronesia.

- Issue Hazardous Surf Warnings for islands of Guam, the Commonwealth of the Northern Mariana Islands, the Republic of the Marshall Islands, the Republic of Palau, and the Federated States of Micronesia.

- Provide press releases and media interface in Guam and the Commonwealth of the Northern Mariana Islands regarding hazardous weather.

Projected Unique Missions for FY 2001

- Some or all civilian weather support functions are scheduled to be transferred to NWS in April 1995, details dependent upon Memorandum of Agreement to be signed August 1994.

- Increase in support to NCA/classified mission contingency support is anticipated with increased shift to Low Intensity Conflict scenarios.

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	UIC
NAVPACMETOCCEN PEARL HARBOR, HI	62363

• Funding Source	UIC
NAVPACMETOCCEN PEARL HARBOR, HI	62363

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)
• Reporting Command	21	97	8
• Tenants (total)	0	0	0

Authorized Positions as of 30 September 1994

	Officers	Enlisted	Civilian (Appropriated)
• Reporting Command	22	89	8
• Tenants (total)	0	0	0

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.

Title/Name	Office	Fax	Home
• CO			
CAPT D.A. MAUTNER	344-4170	344-4032	(671)563-1001
• Duty Officer	344-4230	344-6143	[N/A]
• XO			
CDR B.T. SHERMAN	344-4268	344-4032	(671)477-9091
• BRAC COORDINATOR			
ENS R.S. STEVENS	344-7138	344-7138	(671)563-1010

Note - Prefixes for office and FAX numbers are:
Commercial - (671)
DSN - 344

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				

• Tenants residing on main complex (homeported units.)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
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					

• Tenants (Other than those identified previously)

Tenant Command Name	UIC	Location	Officer	Enlisted	Civilian
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 relationships. Include in your answer any Government Owned/Contractor Operated facilities for which you provide administrative oversight and control.

REGIONAL SUPPORT: The following are Support Functions:
1 - Meteorological and Oceanographic (METOC) support
2 - Tropical Cyclone Forecast support
3 - Classified METOC mission support
4 - Special Intelligence Communications/Special Compartmented Information Facility/Special Security Office support
5 - Local area heavy weather preparedness support

Activity name	Location	Support Function
10 AIR DEFENSE SQUADRON	WHEELER AAF,HI	2
15 ABW/WE	HICKAM AFB, HI	2
18 WG COMMAND POST	KADENA AB,JA	2
18WG CP	KADENA AB,JA	2
1962CG	KADENA AB,JA	2
22AF WEATHER	TRAVIS AFB,CA	2
374AW	YOKOTA AB, JA	2
3D SRI GRP III MEF	OKINAWA, JA	2
400MMS	KADENA AB, JA	2
432FW CP	MISAWA AB. JA	2
432OSS CP	MISAWA AB, JA	2
603MASG COMMAND POST	KADENA AB, JA	2
6990ESS	OKINAWA, JA	2
82RS	OKINAWA, JA	2
8TFW	KUNSAN AB, KOR	2
961AWACS	KADENA AB, JA	2
AF WEATHER CENTRAL	TAIPEI, TAIWAN	2
AIR FORCE GLOBAL WEATHER CENTRAL	OFFUTT AFB, NE	2
AIT	TAIPEI, TAIWAN	2
ALFOATRAGRUWESTPAC DET	GUAM	2
AMCONSUL	CEBU, RPI	2
AMCROSS	WASHINGTON DC	2
AMCROSS HICKAM AFB	HONOLULU, HI	2,5
AMCROSS	NAS AGANA, GU	2
AMEMBASSY	KOLONIA, FSM	2
AMEMBASSY	MANILA, RPI	2
AMEMBASSY	MAPUTO	2
AMEMBASSY	BEIJING, CHINA	2
AMPHIBIOUS GROUP ONE	OKINAWA	1,2,3
ANALYSIS AND PROCESSING CENTRE	JAKARTA, INDONESIA	2
ASC GUAM	GUAM	2
ATO GUAM	GUAM	2
BUREAU OF METEOROLOGY	PERTH AUSTRALIA	2
	BRISBANE, AU	2
	MELBOURNE, AUSTRALIA	2
	DARWIN, AUSTRALIA	2

BUREAU OF MET RESEARCH CENTRE	MELBOURNE, AUSTRALIA	2
CAMP H M SMITH	HONOLULU, HI	2
CAPIC	HONG KONG	2
CCGD FOURTEEN	HONOLULU HI	2
CCPO	GUAM	2
CDR USARSPACE DET TORII STATION	JAPAN	2
CDR1316THMEDIUMPORTCMD	YOKOHAMA, JA	2
CDRBASEOPSCO TORII STATION JA	JAPAN	2
CDRMTMCTML	PUSAN KOR	2
CDRUSAED JAPAN	CP ZAMA, JA	2
CDRUSAGH	CP ZAMA, JA	2
CDRUSARJ-TX CORPS	CP ZAMA, JA	2
CDRUSARSPACE DET TORII STATION	JAPAN	2
CDRUSASCH	SCHOFIELD BARRACKS, HI	2
CDRWESTCOM	FT SHAFTER, HI	2
CENTRAL MET OBSERVATORY	BEIJING, PRC	2
CENTRAL WEATHER BUREAU	TAIPEI, TAIWAN	2
CFAD AGANA	GUAM	2
CG FIRST MAW	HAWAII	2
CG FMFPAC	HAWAII	2
CG III MEF	OKINAWA	2
CG THIRD FSSG	OKINAWA, JA	2
CG MCB	CAMP BUTLER, JA	2
CG THIRD MARDIV	OKINAWA, JA	2
CHIEF JUSMAG	MANILA, RP	2
CINCFLEETWOC	UNITED KINGDOM	2
CINCPACFLT	PEARL HARBOR, HI	1,2,3
CMC	WASHINGTON, DC	2
CNO	WASHINGTON, DC	1,2,3
COGARD CAMSPAC	SAN FRANCISCO CA	1,2
COMASWFORPAC	PEARL HARBOR, HI	1,2
COMCARGRU FIVE	YOKOSUKA, JAPAN	1,2,3
COMCBPAC DET CAT	GUAM	1,2,5
COMCOGARD MARSEC	GUAM	1,2,5
COMCRUDESGRU THREE	SAN DIEGO, CA	1,2,3
COMDESRON FIFTEEN	YOKOSUKA, JA	1,2
COMDT COGARD	WASHINGTON, DC	2
COMFAIRWESTPAC	ATSUGI, JA	1,2
COMFLEACT	OKINAWA, JA	1,2
COMFLEACT	SASEBO, JA	1,2
COMFLEACT YOKOSUKA DET	YOKOHAMA, JA	1,2
COMFLEACT	CHINHAE, KOR	1,2
COMFLEACT YOKOSUKA	YOKOSUKA, JA	1,2
COMFLETRAGRU WESTPAC	YOKOSUKA, JA	2
COMLOG WESTPAC REP	GUAM	1,2,5
COMLOGWESTPAC	SINGAPORE	1,2
COMMONWEALTH OF NORTHERN MARIANAS	SAIPAN	2,5
COMNAVCOMTELCOM	WASHINGTON DC	2
COMNAVFORJAPAN DET	OKINAWA, JA	1,2
COMNAVFORJAPAN	YOKOSUKA, JA	1,2
COMNAVFORKOREA DET	POHANG, KOR	1,2
COMNAVFORKOREA	SEOUL, KOR	1,2
COMNAVMARIANAS/USCINCPACREP	GUAM	1,2,3,4,5
COMNAVSURFGRU WESTPAC	GUAM	1,2,5
COMNAVSURFPAC	SAN DIEGO, CA	2
COMPATRECONFORSEVENTHFLT	KAMI SEYA, JA	2
COMPATWING ONE	KAMI SEYA, JA	1,2,3
COMPHIBRON ELEVEN	SASEBO, JA	2

COMPSRON TWO	DIEGO GARCIA	1,2
COMPSRON THREE	GUAM, SAIPAN	1,2
COMSC	WASHINGTON, DC	1,2
COMSCFE	YOKOHAMA, JA	1,2
COMSCPAC	OAKLAND, CA	1,2
COMSCWESTPAC	GUAM	1,2,5
COMSEVENTHFLT	YOKOSUKA, JA	1,2,3
COMSUBGRU SEVEN	YOKOSUKA, JA	1,2,3
COMSUBGRU FIVE	SAN DIEGO, CA	1,2
COMSUBGRU NINE	BANGOR, WA	1,2
COMSUBGRU SEVEN REP	GUAM	1,2,5
COMSUBPAC	PEARL HARBOR, HI	2
COMTHIRDFLT	SAN DIEGO, CA	3
COMUSJAPAN	YOKOTA AB, JA	2
COMUSNAVCENT	BAHRAIN	1,2,3
CPCOM	CAMP SCHWAB, JA	2
DCA	WASHINGTON, DC	2
DCANMOC	WASHINGTON, DC	2
DECA COMSY GUAM	GUAM	1,2,5
DEFCOURIERSVC REG CMDR	HONOLULU, HI	2
DEPARTMENT OF METEOROLOGY	COLOMBO SRI LANKA	2
DET 5 750SGP ANDERSEN AFB	GUAM	2
DET 1, 15 WEATHER SQUADRON	WHEELER AFB, HI	2
DIRNSA	FT GEORGE G MEADE, MD	1,2,3
DISA	WASHINGTON, DC	2
DISA PAC	WHEELER AFB, HI	2
DISASTER CONTROL OFFICE	SAIPAN, MP	2
DODSPECREP DET ONE	OKINAWA, JA	2
DODSPECREP	YOKOTA AB, JA	2
DRMO	GUAM	1,2,5
EODMU FIVE DET	GUAM	1,2,5
EODMU FIVE	GUAM	1,2,5
FAIRECONRON ONE DET	MISAWA, JA	1,2
FAIRECONRON FIVE	GUAM	1,2,5
FAIRECONRON ONE	GUAM	1,2,5
FCO OKINAWA	FT BUCKNER, JA	2
FED COORD FOR MET SERV/SUP RSCH	ROCKVILLE, MD	2
FEDERAL AVIATION ADMINISTRATION	GUAM	2,5
FEDERATED STATES OF MICRONESIA	YAP, CHUUK, POHPEI, KOSRAE	2,5
FEMA SF	BERRYVILLE, VA	2
FEMA HQ	WASHINGTON, DC	2
FEMA	AGANA, GUAM	2
FEMA RGN IX	SAN FRANCISCO, CA	2
FIJI METEOROLOGICAL SERVICE	NADI AIRPORT, FIJI	2
FISC	GUAM	2
FLELOGSUPPRON FIVE ZERO	GUAM	2
FLENUMMETOCCEN	MONTEREY, CA	2
FLTIMAGCENPAC	GUAM	2
GIFU METEOROLOGICAL OFFICE	GIFU, JAPAN	2
GMF NTCC NIMITZ HILL	GUAM	2
GMF WESTPAC	GUAM	2
GOVT OF GUAM	GUAM	2,5
HELSUPPRON FIVE	GUAM	1,2,5
HQ AIR WEATHER SERVICE/DOOF	SCOTT AFB, IL	2
HQ ESC	KELLY AFB, TX	2
HQ AWS GROUP ATC &WX WING JASDF	TOKYO, JAPAN	2
HQBN	CAMP FUJI, JA	2
HQSVCBN THIRD FSSG		2

INDIA METEOROLOGICAL DEPARTMENT	NEW DELHI INDIA	2
	SHIVAJI NAGAR, INDIA	2
JAPAN AIRLINES	TAMUNING, GUAM; TOKYO, JAPAN	2
JCS	WASHINGTON, DC	2,3
JDET	KAMI SEYA, JA	2
JICPAC	HONOLULU, HI	2
KADENA CP	KADENA AB, JA	2
KOREA AIR FORCE	CHUMGNAM, KOREA	2
KOREAN MET ADMINISTRATION	SEOUL, KOREA	2
MARITIUS MET SERVICE	MAURITIUS	2
MCAS	KANEOHE BAY, HI	2
MCAS	IWAKUNI, JA	2
METEOROLOGICAL DEPARTMENT	BANGKOK, THAILAND	2
MHQAUST	SYDNEY, AU	2
MIC SYDNEY	SYDNEY,AU	2
MOMAG UNIT EIGHT	GUAM	1,2,5
MOTU SEVEN	YOKOSUKA,JA	2
MSCO	NAHA, JA	2
MSCO	PUSAN, KOR	2
MTCC	CAMP COURTNEY, JA	2
MV PFC DEWAYNE T WILLIAMS		1,2,5
MV SGT WILLIAM R BUTTON		1,2,5
MV 1ST LT JACK LUMMUS		1,2,5
MV CAPE HENRY		1,2,5
NAESU DET	GUAM	2
NAF ATSUGI	ATSUGI, JA	2
NAS AGANA	GUAM	2
NATDIS CANBERRA	CANBERRA, AU	2
NATIONAL DATA BUOY CTR NSTL	STENNIS SPACE CENTER, MS	2
NATIONAL WEATHER SERVICE	PAPUA NEW GUINEA	2
NATIONAL OCEANOGRAPHIC DATA CNTR	WASHINGTON, DC	2
NATIONAL HURRICANE CENTER	CORAL GABLES, FL	2
NAVAIRPRA DET	GUAM	2
NAVAIRWPNSMAINTUNIT ONE	GUAM	2
NAVCOMMSTA HAROLD E HOLT	NORTHWEST CAPE, AU	2
NAVCOMMSTA JAPAN	YOKOSUKA, JA	2
NAVCOMTEL SUPP DET	CHELTENHAM, MD	2
NAVCRIMINVSERVRA MARIANAS	GUAM	2
NAVCSRF	HONOLULU, HI	2
NAVDENCEN	GUAM	2
NAVFAC OC	WHIDBEY ISLAND, WA	2
NAVFUEL DET TSURUMI	YOKOHAMA, JA	2
NAVHOSP	OKINAWA, JA	2
NAVHOSP	GUAM	2
NAVICECEN	SUITLAND, MD	2,3
NAVLEGSVCOFF	GUAM	2
NAVMAG	GUAM	2
NAVMASSO DET WESTPAC	GUAM	2
NAVOCEANO	STENNIS SPACE CENTER, MS	2
NAVOCEANPROFAC	FORD ISLAND, HI	1,2
NAVPACMETOC DET	BANGOR WA	1,2
NAVPACMETOCCEN	PEARL HARBOR, HI	1,2
NAVPACMETOCDET	BAHRAIN	2,4
NAVPACMETOCDET	ATSUGI, JA	2,4
NAVPACMETOCDET	KADENA, OKINAWA	2,4
NAVPACMETOCDET	DIEGO GARCIA	2,4
NAVPACMETOCDET	MISAWA, JA	2,4
NAVPACMETOCDET	SASEBO, JA	2,4

NAVPACMETOCFAC	YOKOSUKA, JA	2,5
NAVPGSCOL	MONTEREY, CA	2
NAVRECONSUPP DET	MISAWA, JA	2
NAVSECGRUACT	MISAWA, JA	2
NAVSECGRUACT	HANZA, JA	2
NAVSECGRUACT	KAMI SEYA, JA	2
NAVSECGRUACT	KUNIA, HI	2
NAVSECGRUDEPT	GUAM	2
NAVSHIPREPFAC	YOKOSUKA JA	2
NAVSHIPREPFAC GU	GUAM	1,2,5
NAVSPECWARUNIT ONE	GUAM	1,2,5
NAVSTA	GUAM	1,2,5
NCCOSC ISE WEST FAC	GUAM	2
NCTAMS MED	NAPLES IT	2
NCTAMS SPECOMMDIV WESTPAC	GUAM	1,2,5
NCTAMS WESTPAC	GUAM	1,2,5
NESS	SUITLAND MD	2
NEX DET	AGANA GU	1,2,5
NEX	GUAM	1,2,5
NINTH ENGRSPTBN		2
NINTH MAR		2
NINTH MTBN		2
NISE WEST	GUAM	1,2,3,4,5
NMCB THREE	GUAM	1,2,5
NOAA EDS	WASHINGTON DC	2
NOAA NMFS	WASHINGTON DC	2
NOAA/NESDIS	HONOLULU HI	2
NPPSBO DET	GUAM	1,2,5
NSD AVNDEPT	GUAM	1,2,5
NTCC	NIMITZ HILL GU	1,2,5
NTCC	SASEBO JA	2
NTCC	YOKOSUKA JA	2
NTCC	ATSUGI JA	2
NTCC	CAMP SMITH	2
NVPACMETOCFAC	SAN DIEGO, CA	2
NWS FORECAST OFFICE	HONOLULU ARPT HONOLULU HI	2
NWS	WASHINGTON DC	1,2
NWSFO	HONOLULU HI	2
OICC	GUAM	1,2,5
OKINAWA MET OBSERVATORY	OKINAWA, JAPAN	2
OL-A DET 8 20 WS	TORII STA JA	2
PAC WWMCCS RAINFORM	PEARL HARBOR HI	1,2,3
PACC	HICKAM AFB HI	2
PACDIVNAVFACENGCOM	PEARL HARBOR, HI	2
PACIFIC STARS & STRIPES	GUAM	1,2
PACTECSUPPGRU	GUAM	1,2,5
PAGASA (PHILIPPINE WEATHER BUREAU)	QUEZON CITY, RP	2
PAKISTAN METEOROLOGICAL DEPARTMENT	KARACHI, PAKISTAN	2
PATWING ONE DET	KADENA JA	1,2
PCMT CAD	SEATTLE, WA	2
PERSUPP DET	NAS, AGANA GU	1,2,5
PERSUPP DET	NAVSTA GU	1,2,5
PERSUPP DET	NCTAMS WESTPAC GU	1,2,5
PWC	GUAM	1,2,5
PWC	YOKOSUKA JA	2
RAFAU	HONG KONG	2
REPUBLIC OF PALAU	KOROR	2,5
REPUBLIC OF THE MARSHALL ISLANDS	MAJURO, KAWAJALIEN, ENWETAK	2,5

RESCUE COORDINATION CENTERS	OKINAWA/PEARL HARBOR, HI	1,2
ROYAL OBS	HONG KONG BC	2
RRF	GUAM	2
SAIPAN SRV SITE CNMI	SAIPAN	2,5
SEABEE CAMP COVINGTON	GUAM	1,2,5
SERVICE METQUE DE LA REUNION	LA REUNION	2
SOPA	GUAM	1,2,5
SOPA ADMIN	GUAM	1,2,5
SOUTHSIDE WEATHER SERVICE	NARRABUNDAH, AUSTRALIA	2
SPECWARUNIT ONE	GUAM	1,2,3
SS GOPHER STATE		1,2,5
SUBREFIT SITE	GUAM	1,2,5
U.S. COAST GUARD	GUAM; SAN FRANCISCO, CA	1,2,5
UNITED NATIONS ESCAP LIBRARY	BANGKOK, THAILAND	2
USAR ENGINEER DIV	FT SHAFTER, HI	2
USCCINCPAC REP FMO	GUAM	1,2,5
USCGC GALVESTON ISLAND		1,2,5
USCGC BASSWOOD		1,2,5
USCINCPAC AIRBORNE COMMAND POST	HICKAM AFB HI	2
USCINCPAC	HONOLULU HI	1,2,3,5
USN COMM DET	EXMOUTH AS	2
USNS MARS		1,2,5
USNS MAURY		1,2
USNS NARRAGANSETT		1,2
USNS SPICA		1,2,5
USNS WILKES		1,2
USNS KILAUEA		1,2,5
USS NEW ORLEANS (LPH-11)		1,2
USS CARL VINSON (CVN-70)		1,2,3
USS LINCOLN (CVN 72)		1,2,3
USS PELELIU (LHA 5)		1,2
USS NIMITZ (CVN-68)		1,2,3
USS NIAGARA FALLS		1,2,5
USS CONSTELLATION (CV-64)		1,2,3
USS AMERICA (CV 66)		1,2,3
USS WHITE PLAINS		1,2,5
USS HOLLAND (AS-32)		1,2,5
USS DWIGHT D. EISENHOWER (CVN 69)		1,2,3
USS KITTY HAWK (CV-63)		1,2,3
USS TARAWA (LHA-1)		1,2
USS THEODORE ROOSEVELT (CVN 71)		1,2,3
USS INDEPENDENCE (CV 62)		1,2,3
USS BEAUFORT		1,2
USS TRIPOLI		1,2
USS BLUE RIDGE		1,2,3
USS JOHN F. KENNEDY (CV67)		1,2,3
USS BELLEAU WOOD (LHA-3)		1,2
VMGR ONE FIVE TWO		2
WEATHER STATION	KWAJALEIN NQ	1,2

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.

• Local Area Map. This map should encompass, at a minimum, a 50 mile radius of your activity. Indicate the name and location of all DoD activities within this area, whether or not you support that activity. Map should also provide the geographical relationship to the major civilian communities within this radius. (Provide 12 copies.)

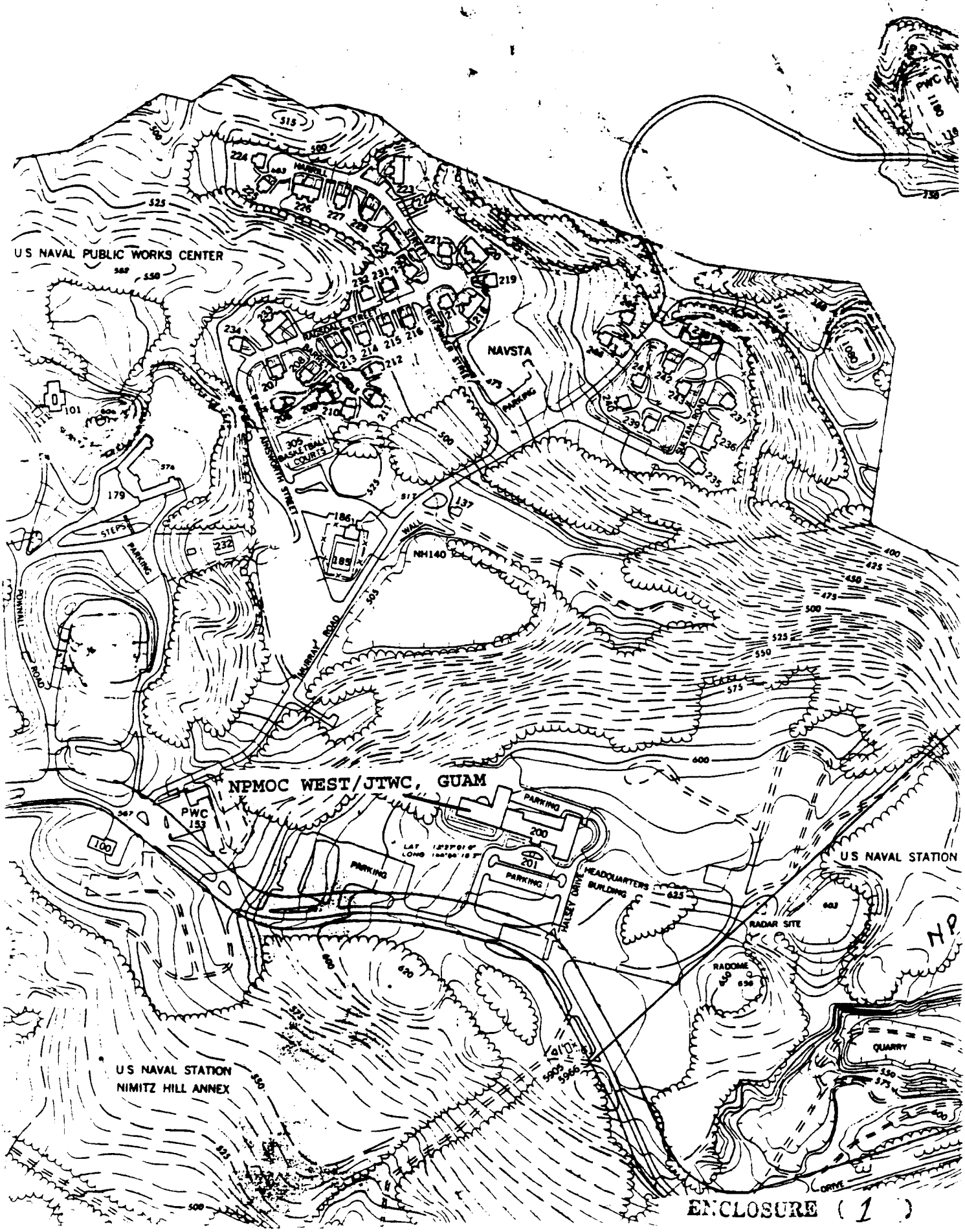
Previously provided by host command (UIC 61755).

• Installation Map / Activity Map / Base Map / General Development Map / Site Map. Provide the most current map of your activity, clearly showing all the land under ownership/control of your activity, whether owned or leased. Include all outlying areas, special areas, and housing. Indicate date of last update. Map should show all structures (numbered with a legend, if available) and all significant restrictive use areas/zones that encumber further development such as HERO, HERP, HERF, ESQD arcs, agricultural/forestry programs, environmental restrictions (e.g., endangered species). (12 copies.)

Enclosures (1),(2), and (3) show our command building 200 and 200 annex with the surrounding Nimitz Hill area. Enclosure (4) provides depiction showing the physical layout of our command and the COMNAVMARIANAS Building.

1" = 400'

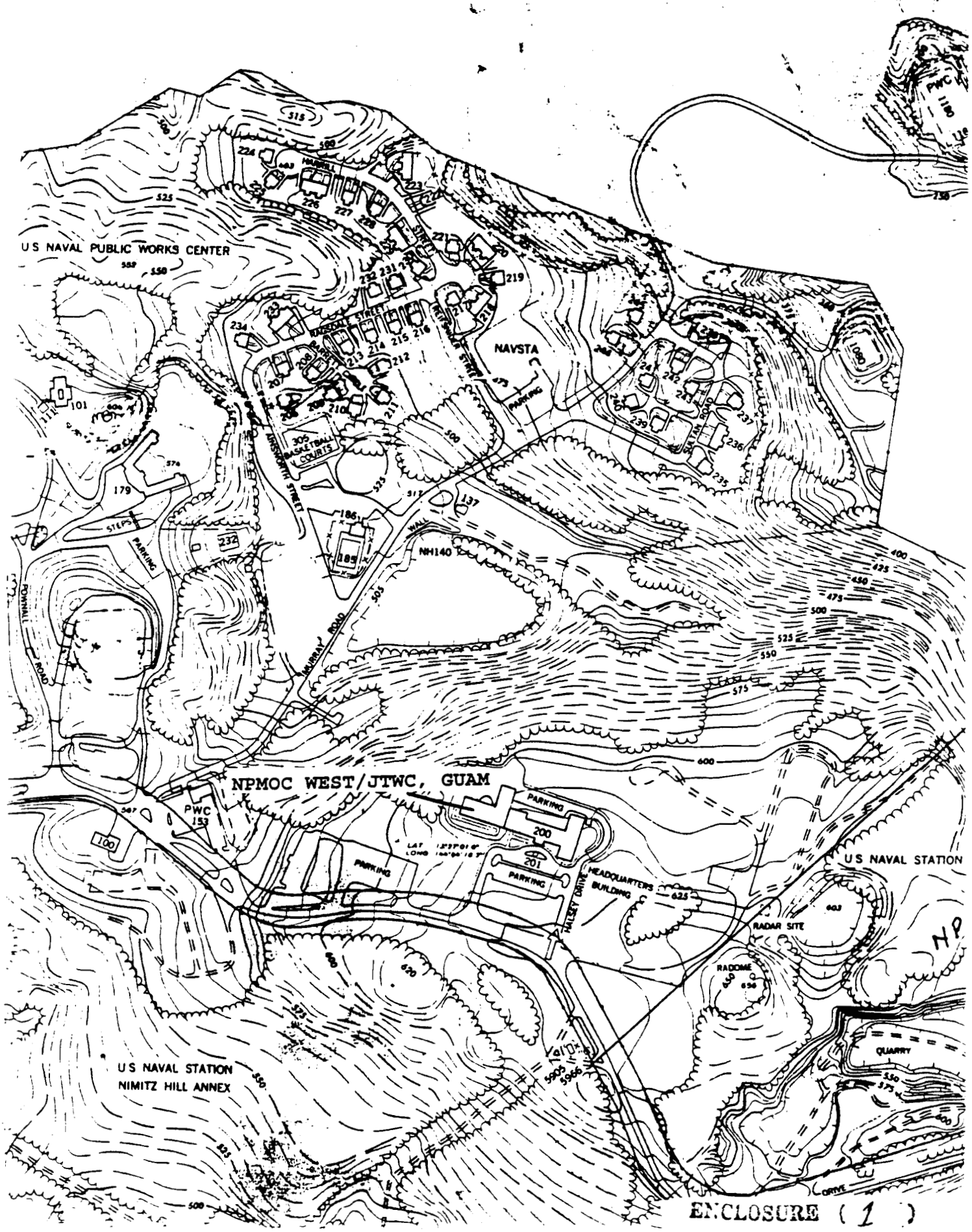
NAVAL PACIFIC METEOROLOGY AND OCEANOGRAPHY CENTER WEST/
JOINT TYPHOON WARNING CENTER, GUAM



ENCLOSURE (1)

1"=400'

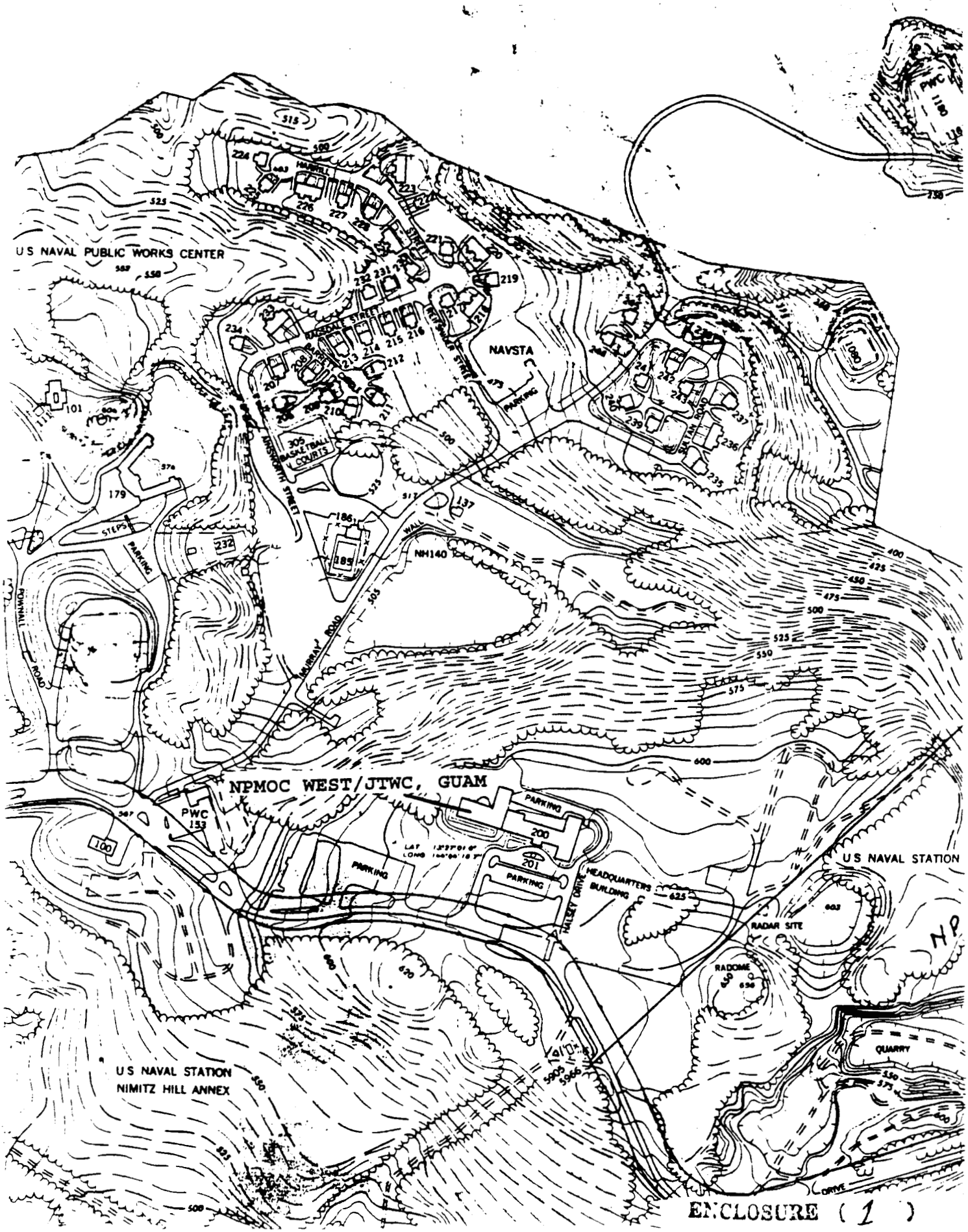
NAVAL PACIFIC METEOROLOGY AND OCEANOGRAPHY CENTER WEST/
JOINT TYPHOON WARNING CENTER, GUAM



ENCLOSURE (1)

1"=400'

NAVAL PACIFIC METEOROLOGY AND OCEANOGRAPHY CENTER WEST/
JOINT TYPHOON WARNING CENTER, GUAM



ENCLOSURE (1)

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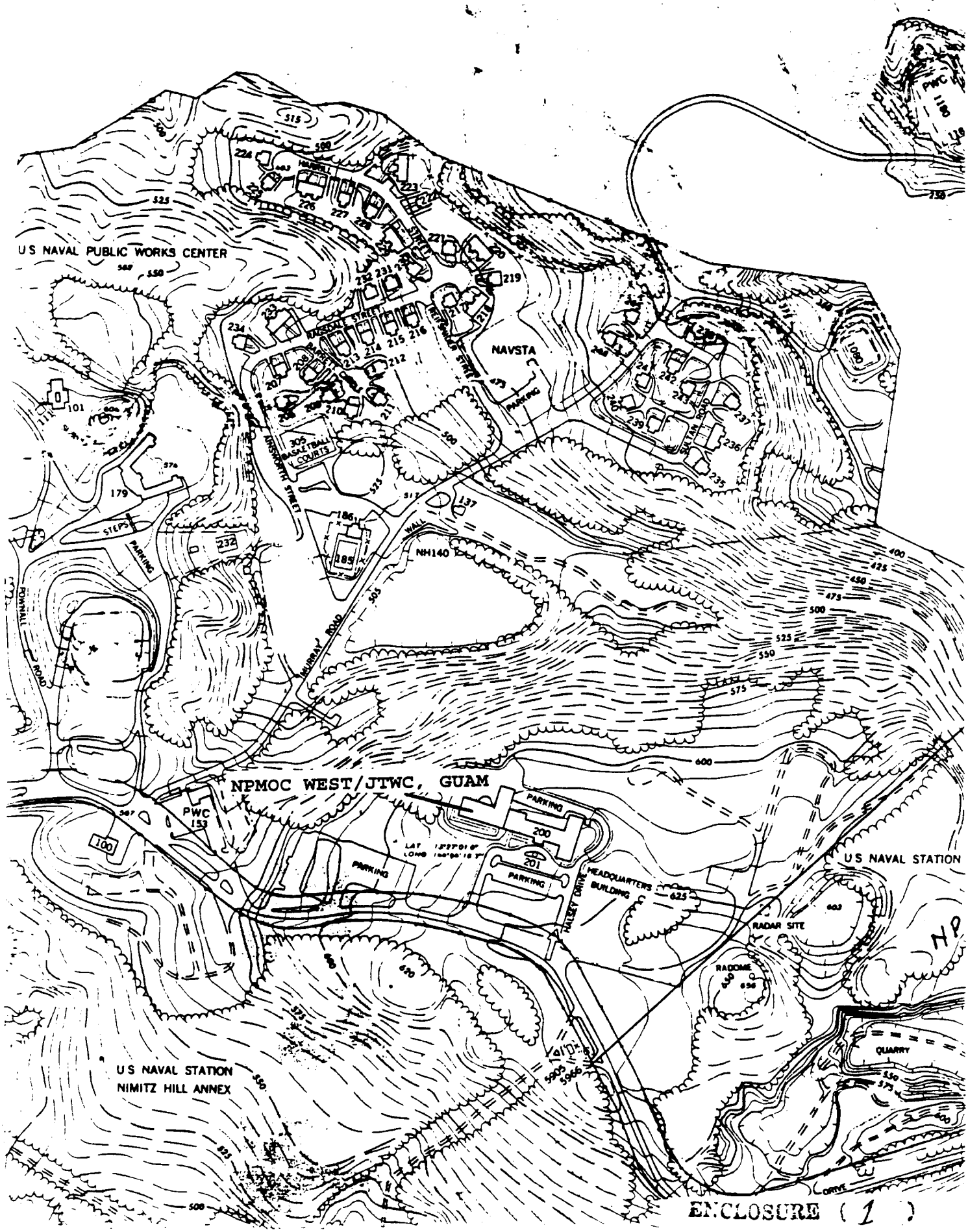

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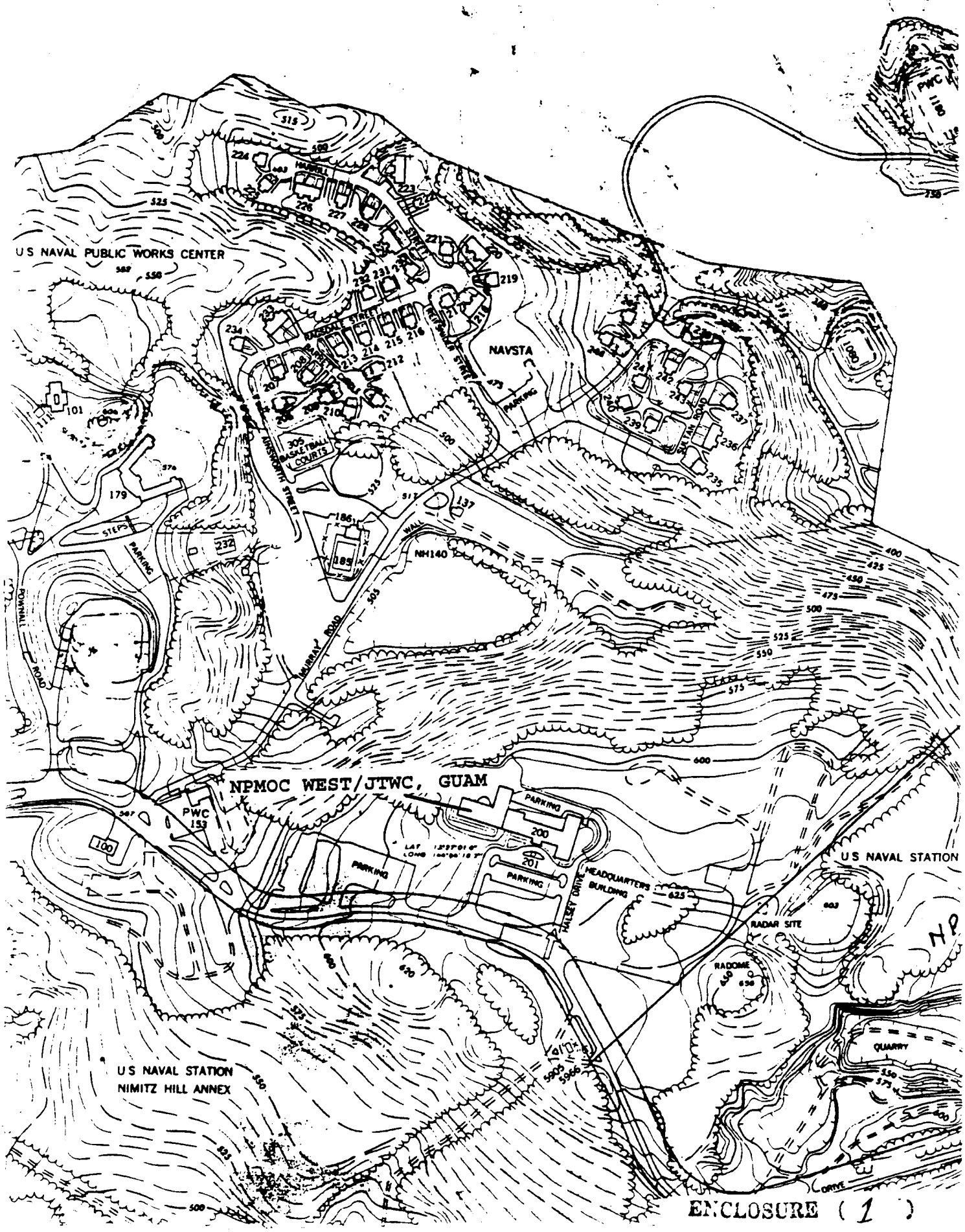

ENCLOSURE (1)

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NAVAL PACIFIC METEOROLOGY AND OCEANOGRAPHY CENTER WEST/
JOINT TYPHOON WARNING CENTER, GUAM

ENCLOSURE (1)

1" = 400'

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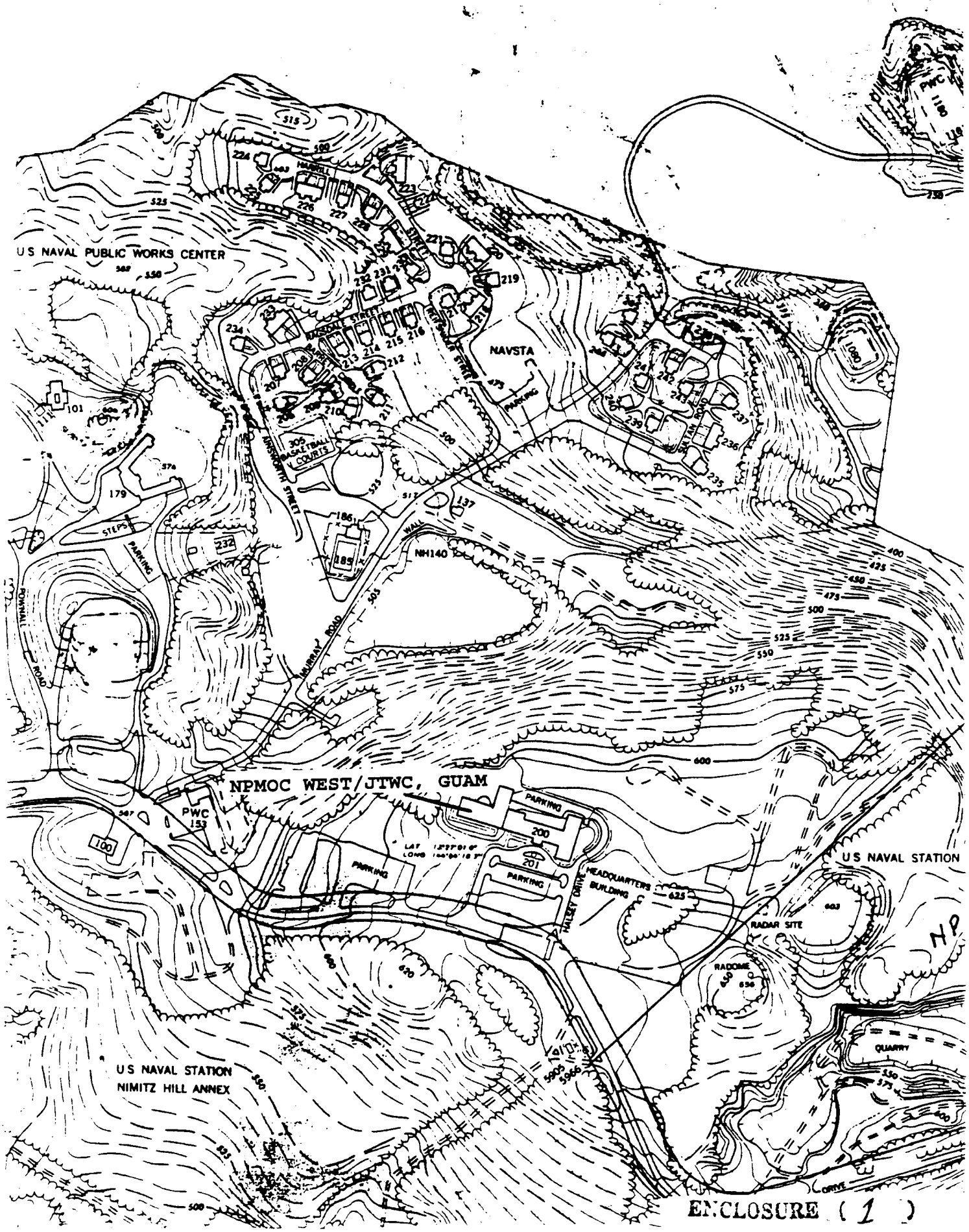

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NAVAL PACIFIC METEOROLOGY AND OCEANOGRAPHY CENTER WEST/
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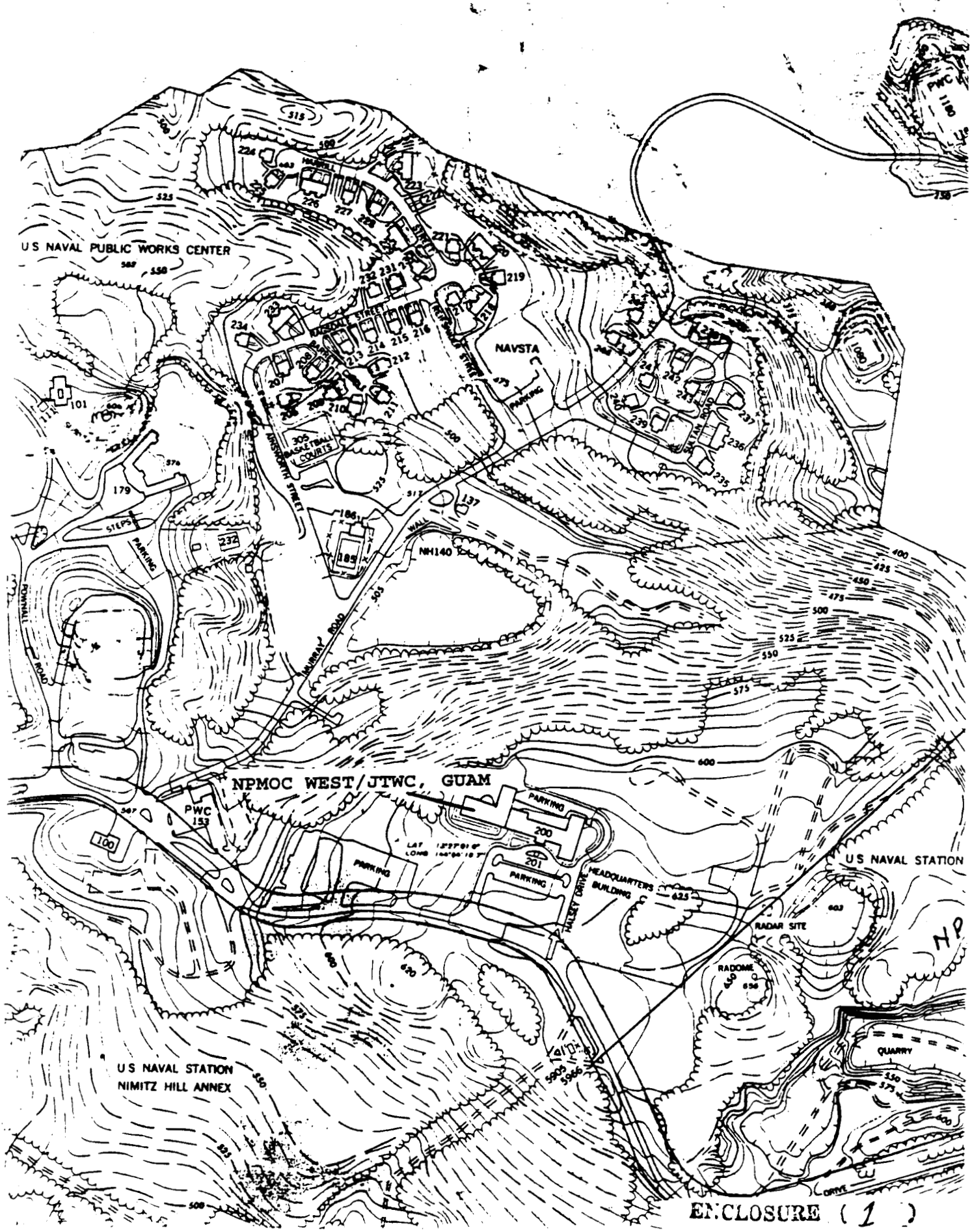

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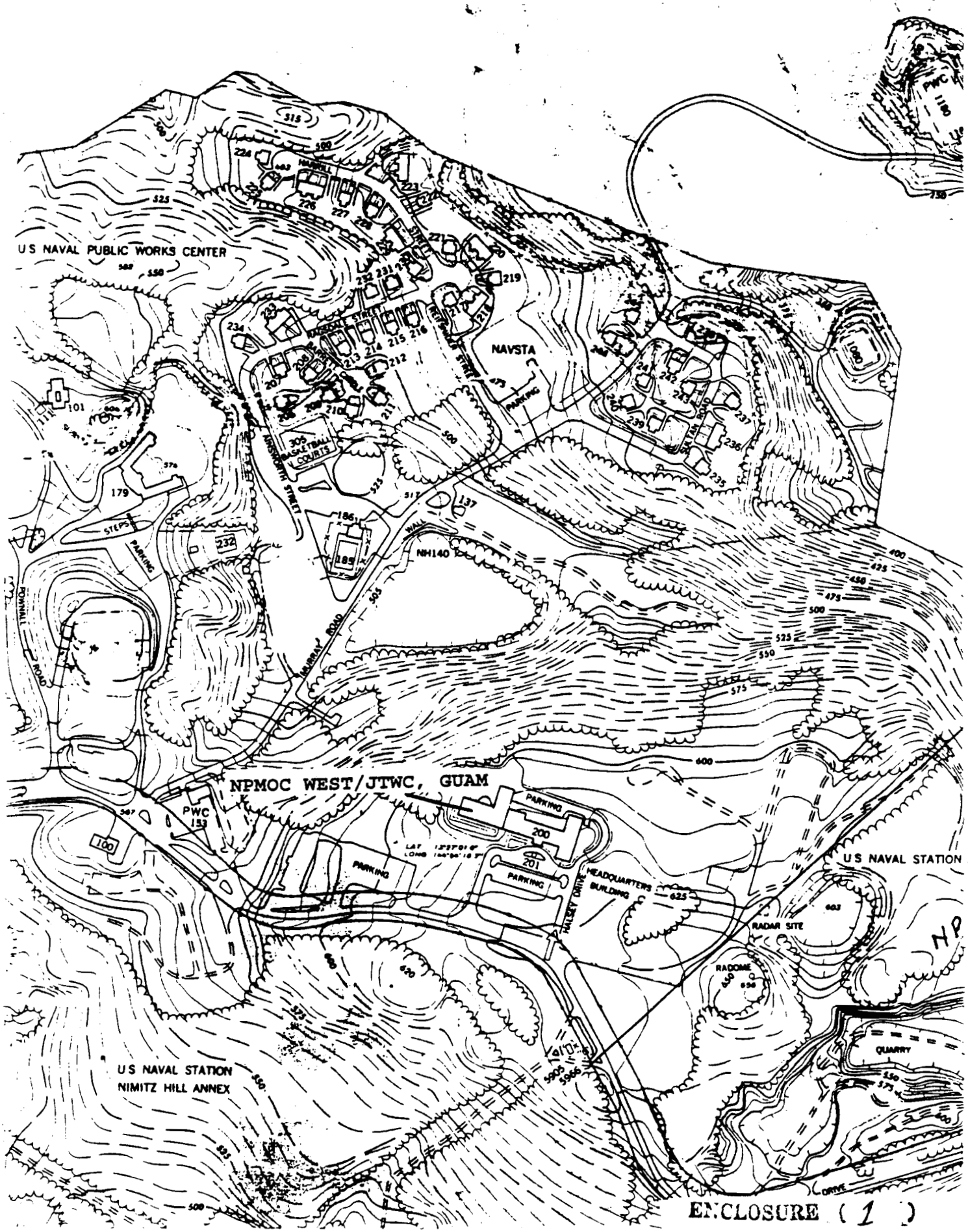

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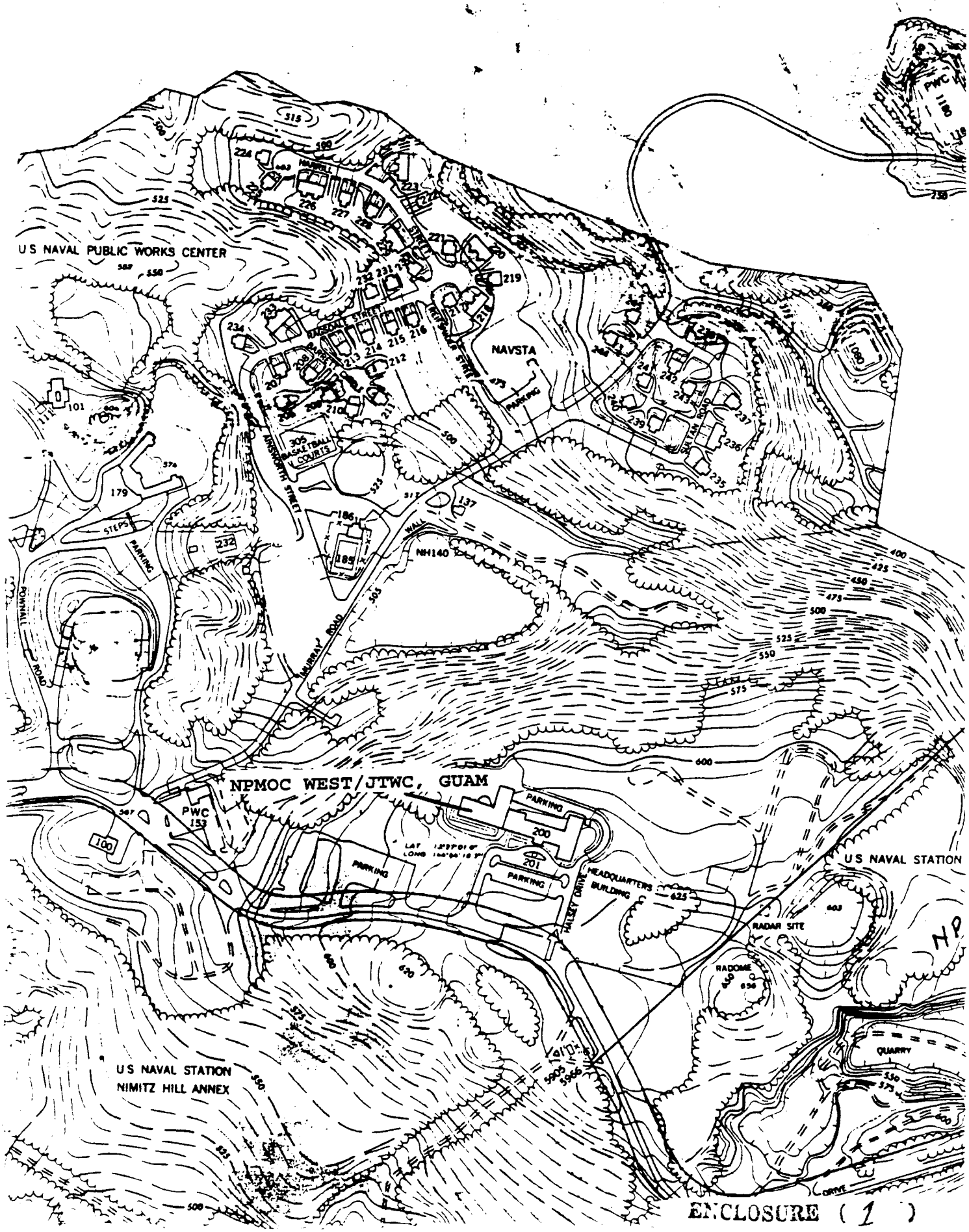

ENCLOSURE (1)

1"=400'

NAVAL PACIFIC METEOROLOGY AND OCEANOGRAPHY CENTER WEST/
JOINT TYPHOON WARNING CENTER, GUAM

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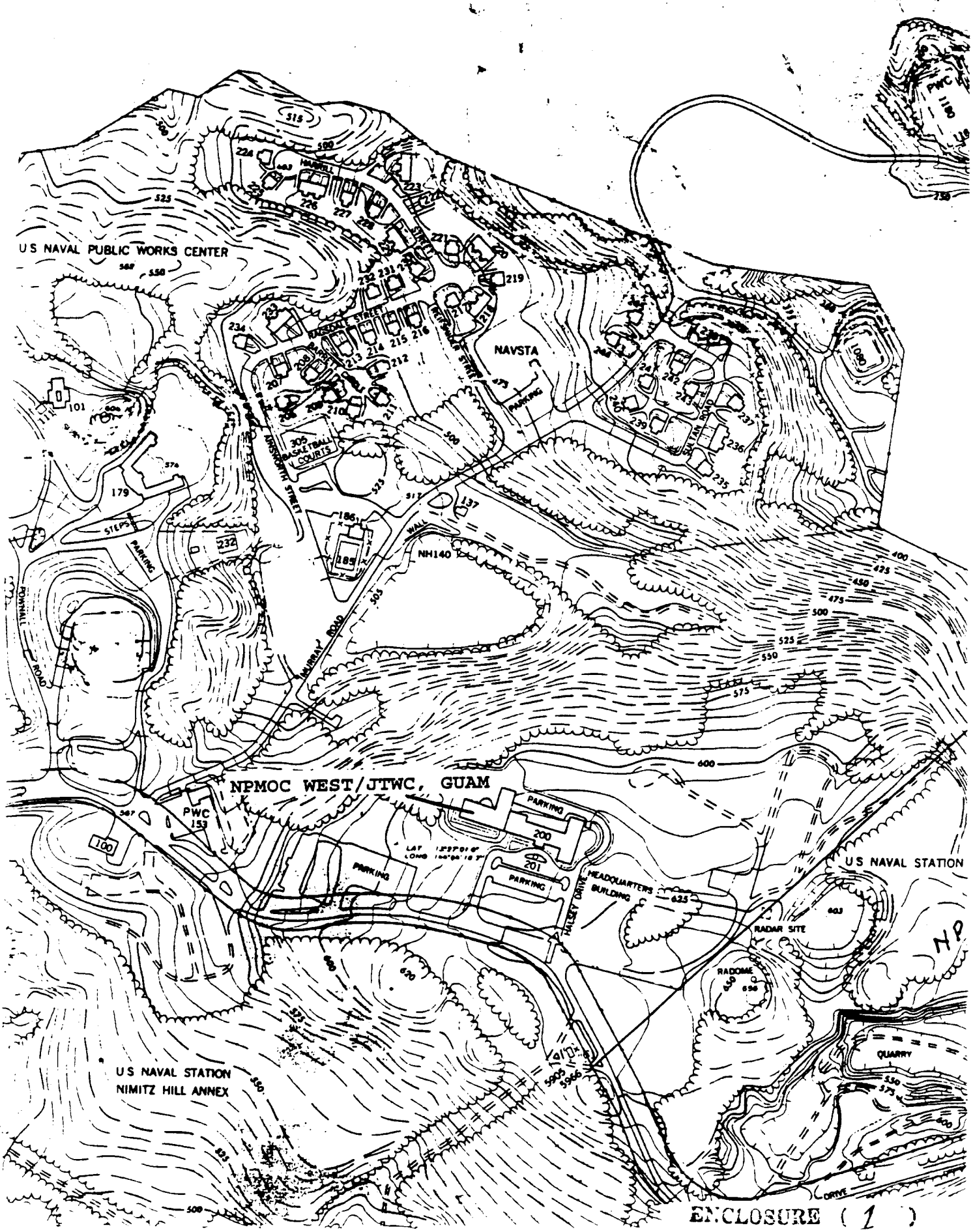

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NAVAL PACIFIC METEOROLOGY AND OCEANOGRAPHY CENTER WEST/
JOINT TYPHOON WARNING CENTER, GUAM

ENCLOSURE (1)

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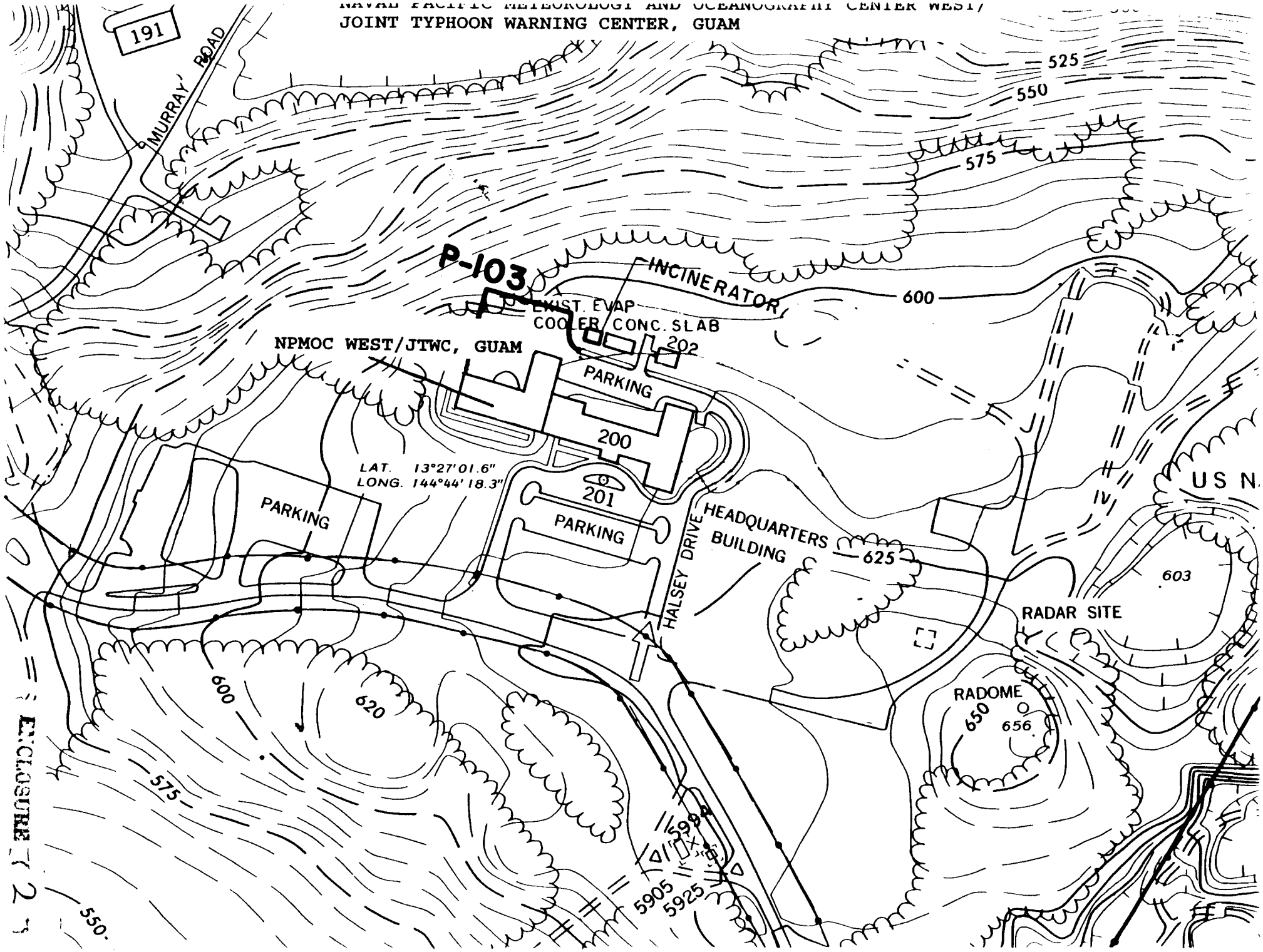
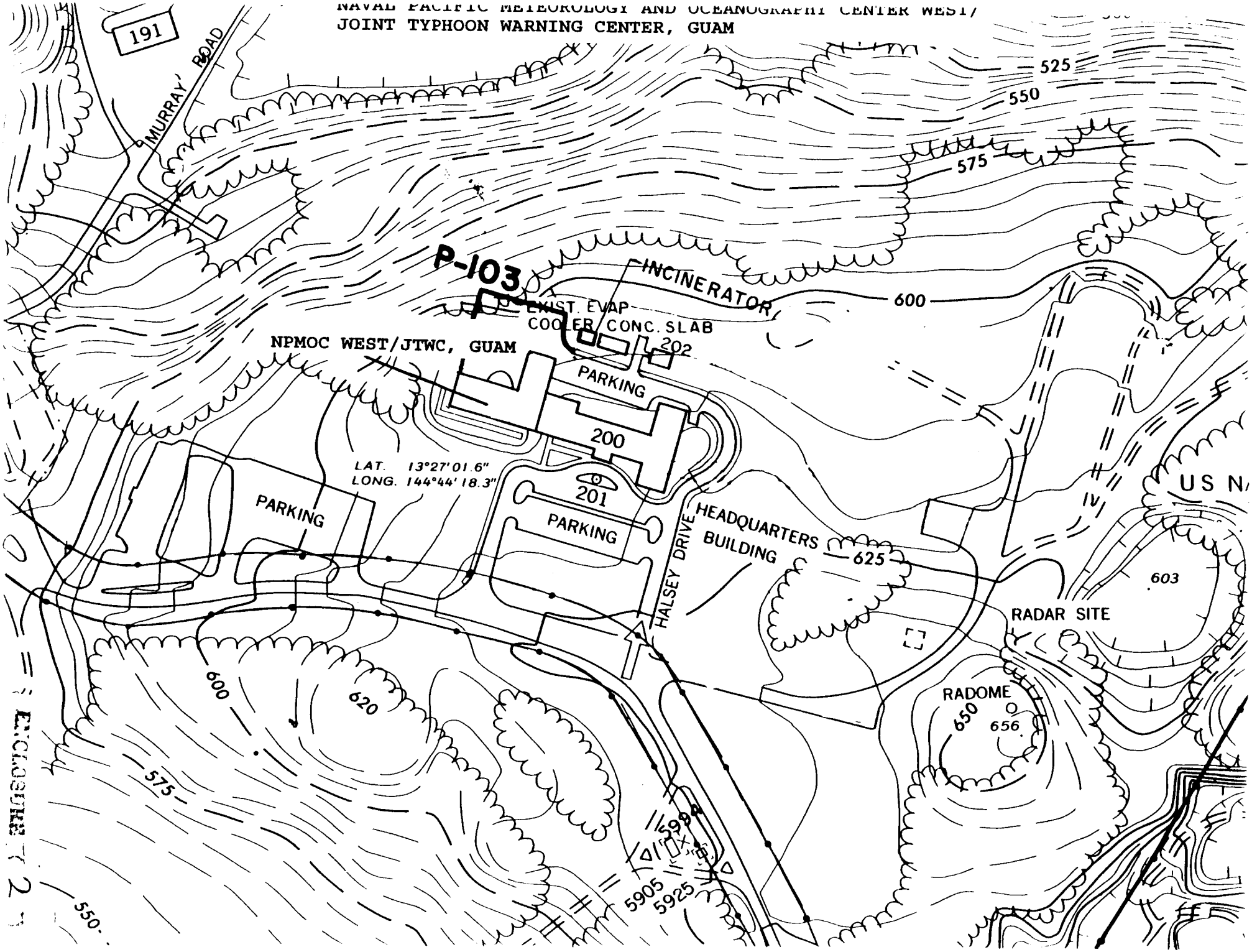
JOINT TYPHOON WARNING CENTER, GUAM



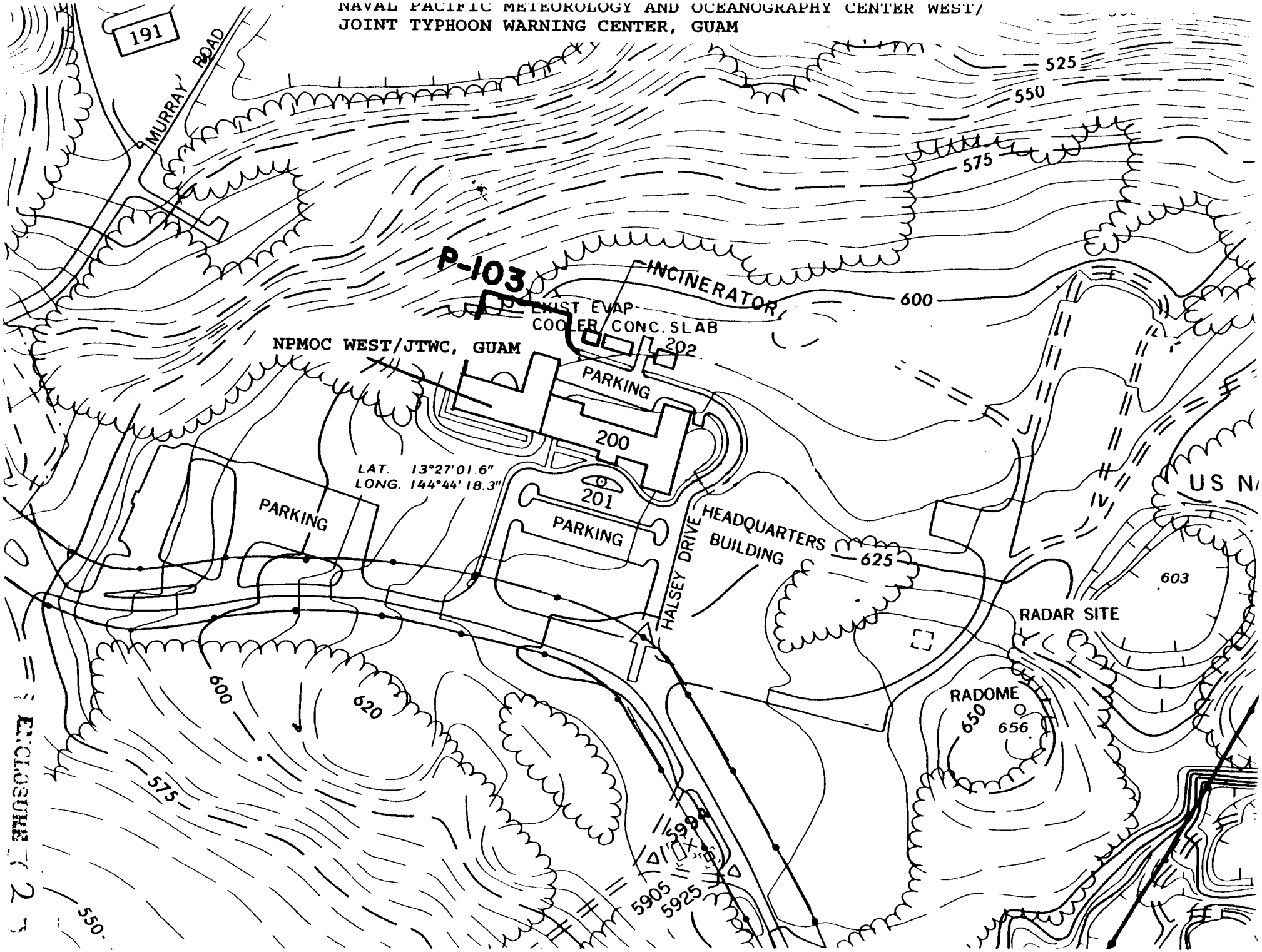
ENCLOSURE (2)

NAVAL PACIFIC METEOROLOGY AND OCEANOGRAPHY CENTER WEST/
JOINT TYPHOON WARNING CENTER, GUAM



ENCLOSURE 2

NAVAL PACIFIC METEOROLOGY AND OCEANOGRAPHY CENTER WEST/
JOINT TYPHOON WARNING CENTER, GUAM



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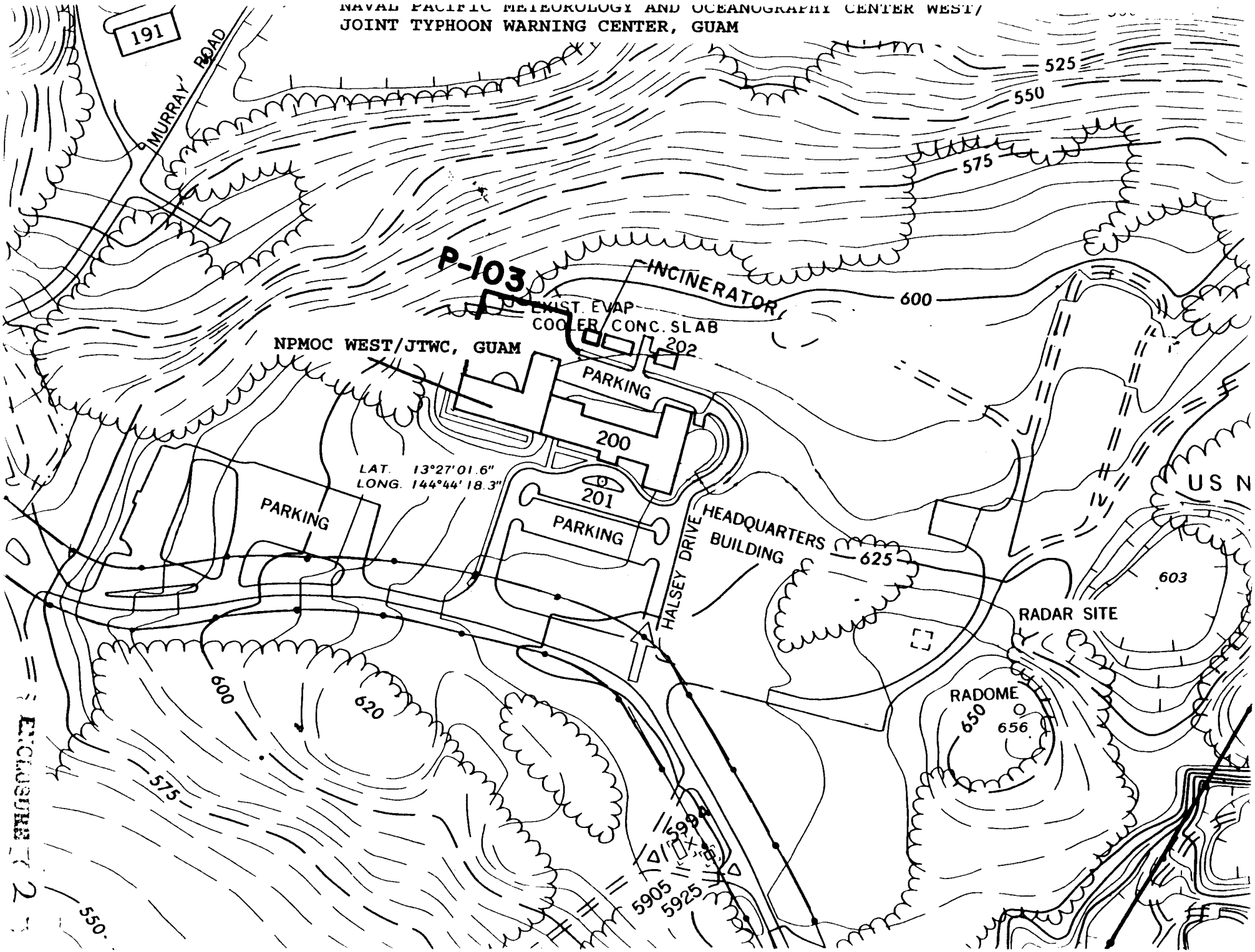

EXCLUSIVE 2

NAVAL PACIFIC METEOROLOGY AND OCEANOGRAPHY CENTER WEST/
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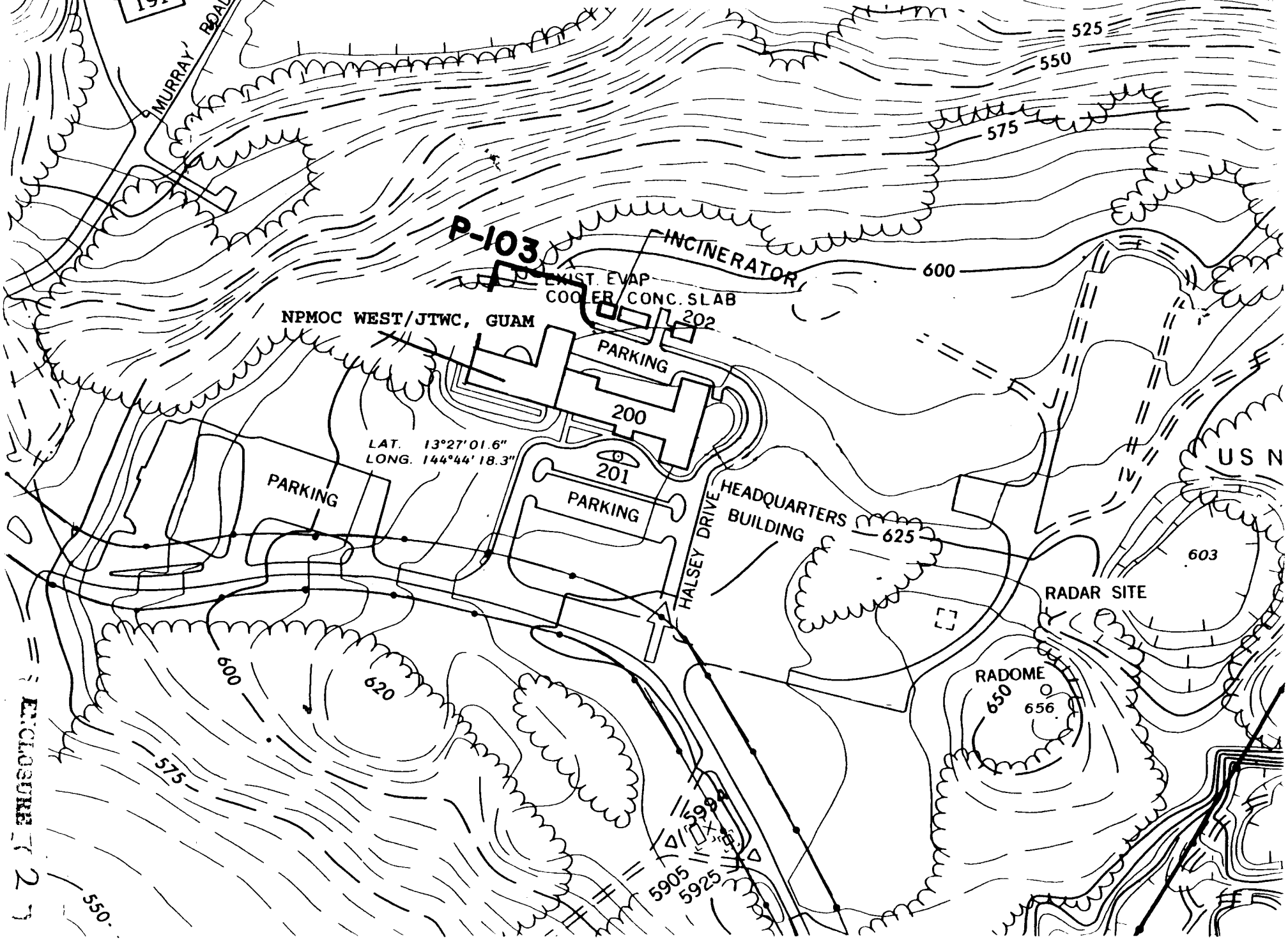

ENCLOSURE 2

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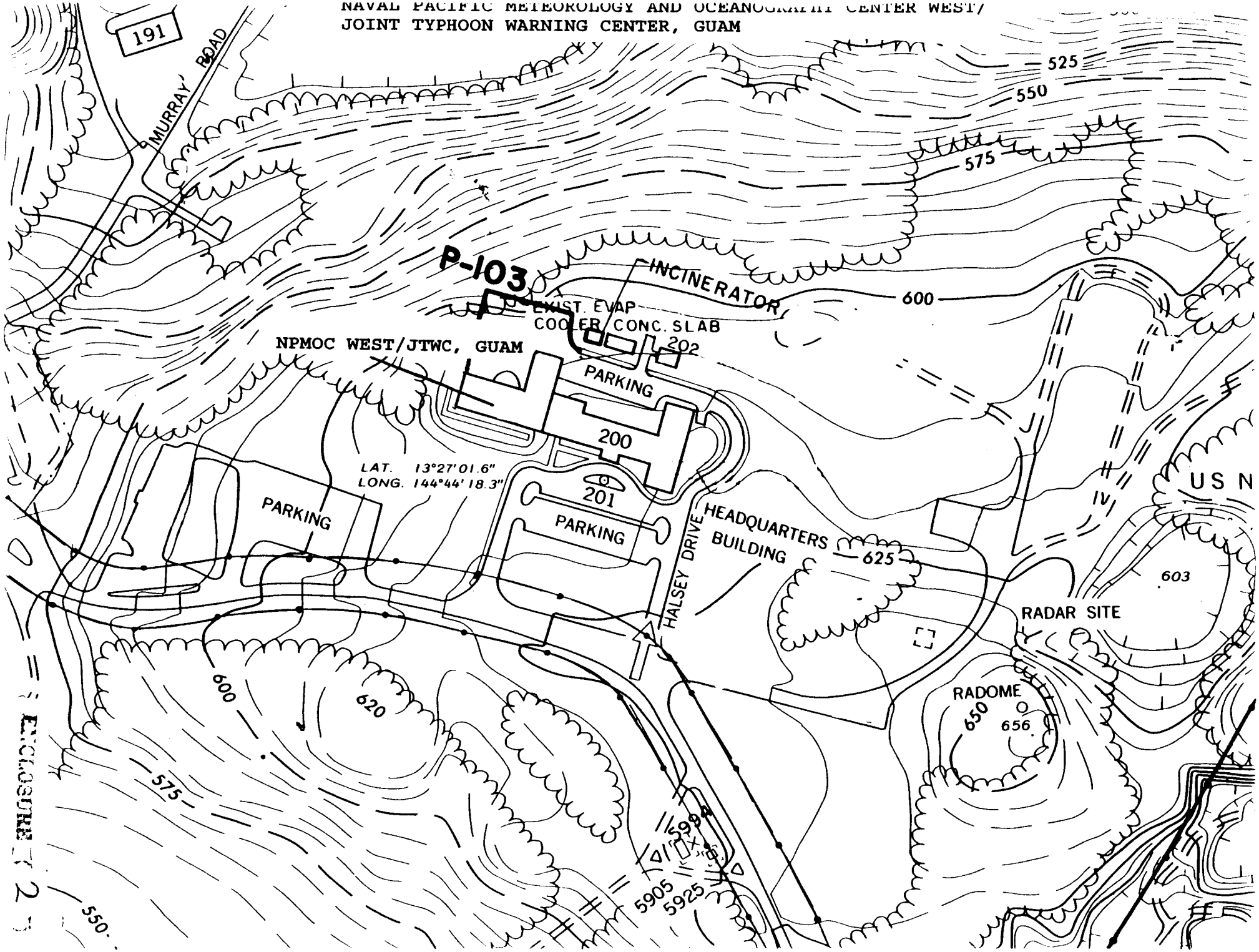

ENCLOSURE (2)

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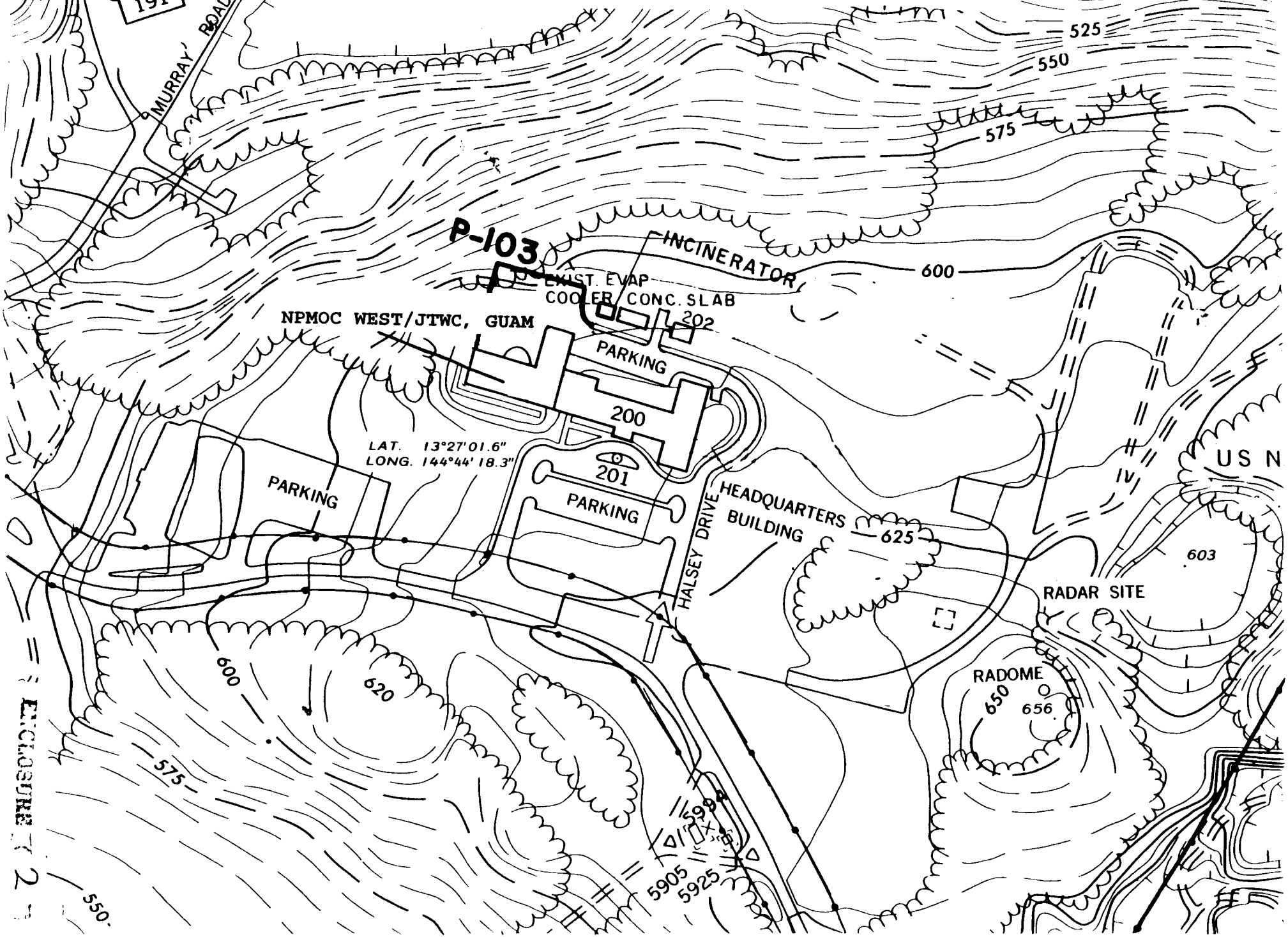
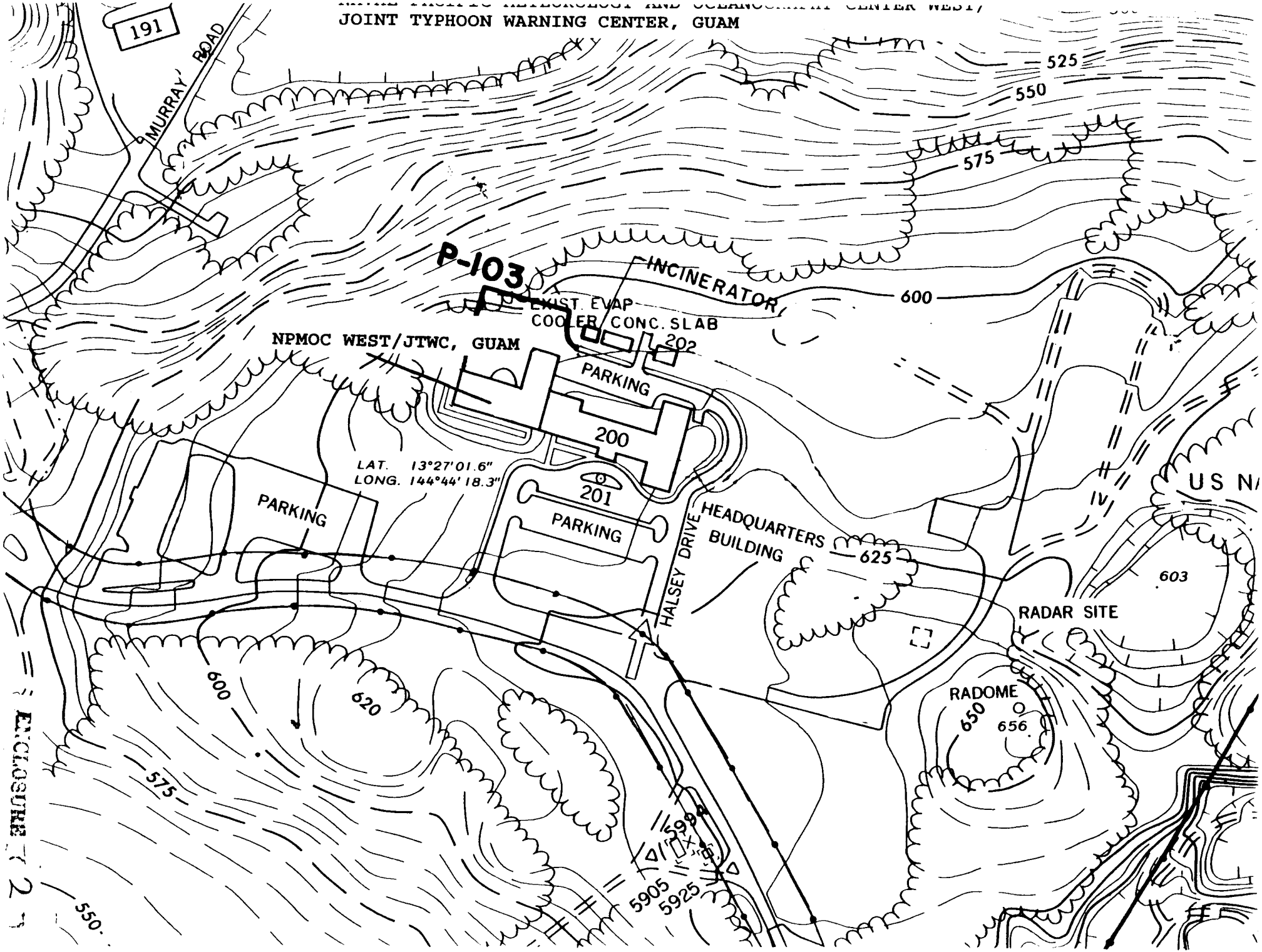


ENCLOSURE 2

JOINT TYPHOON WARNING CENTER, GUAM



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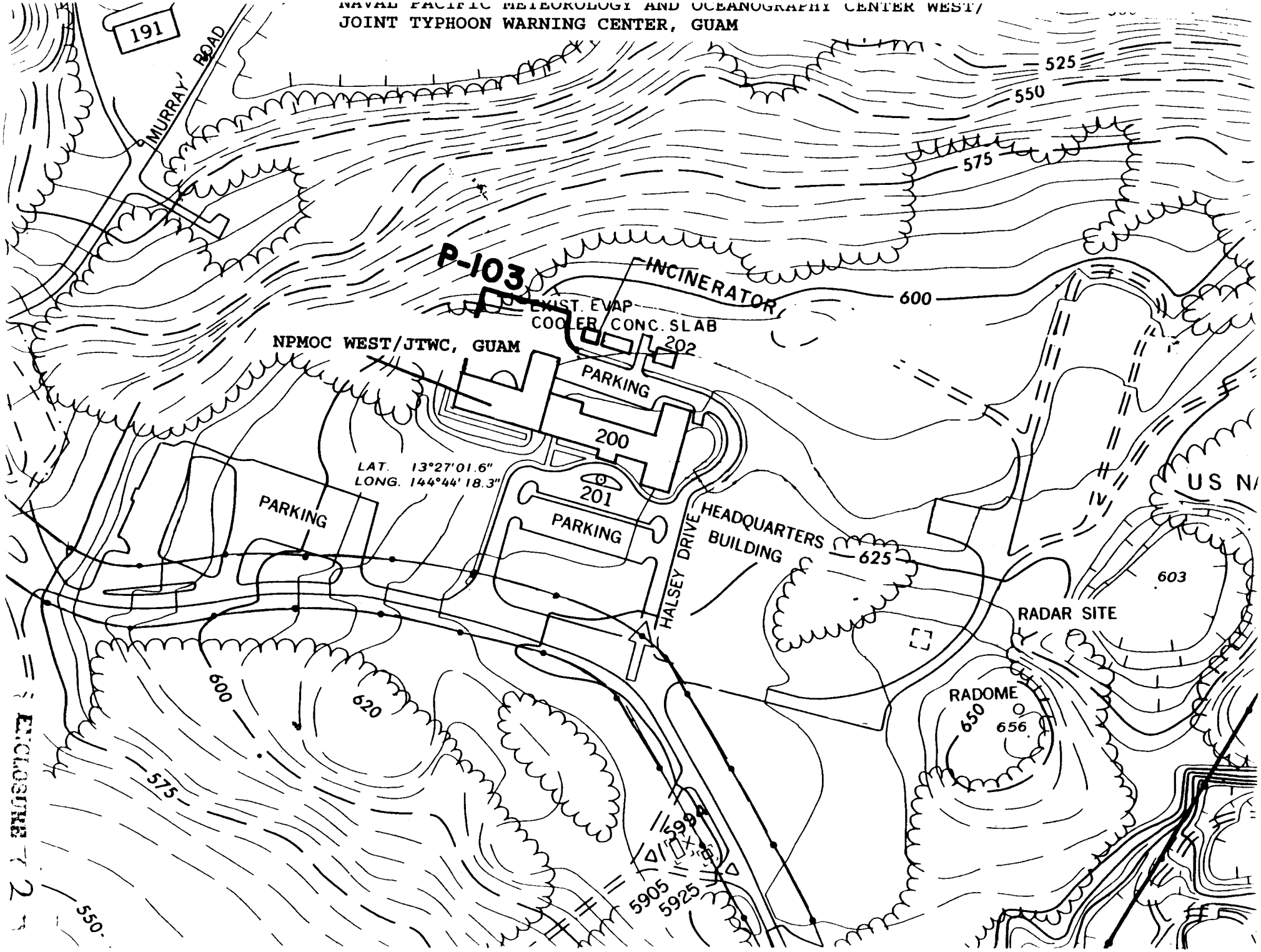

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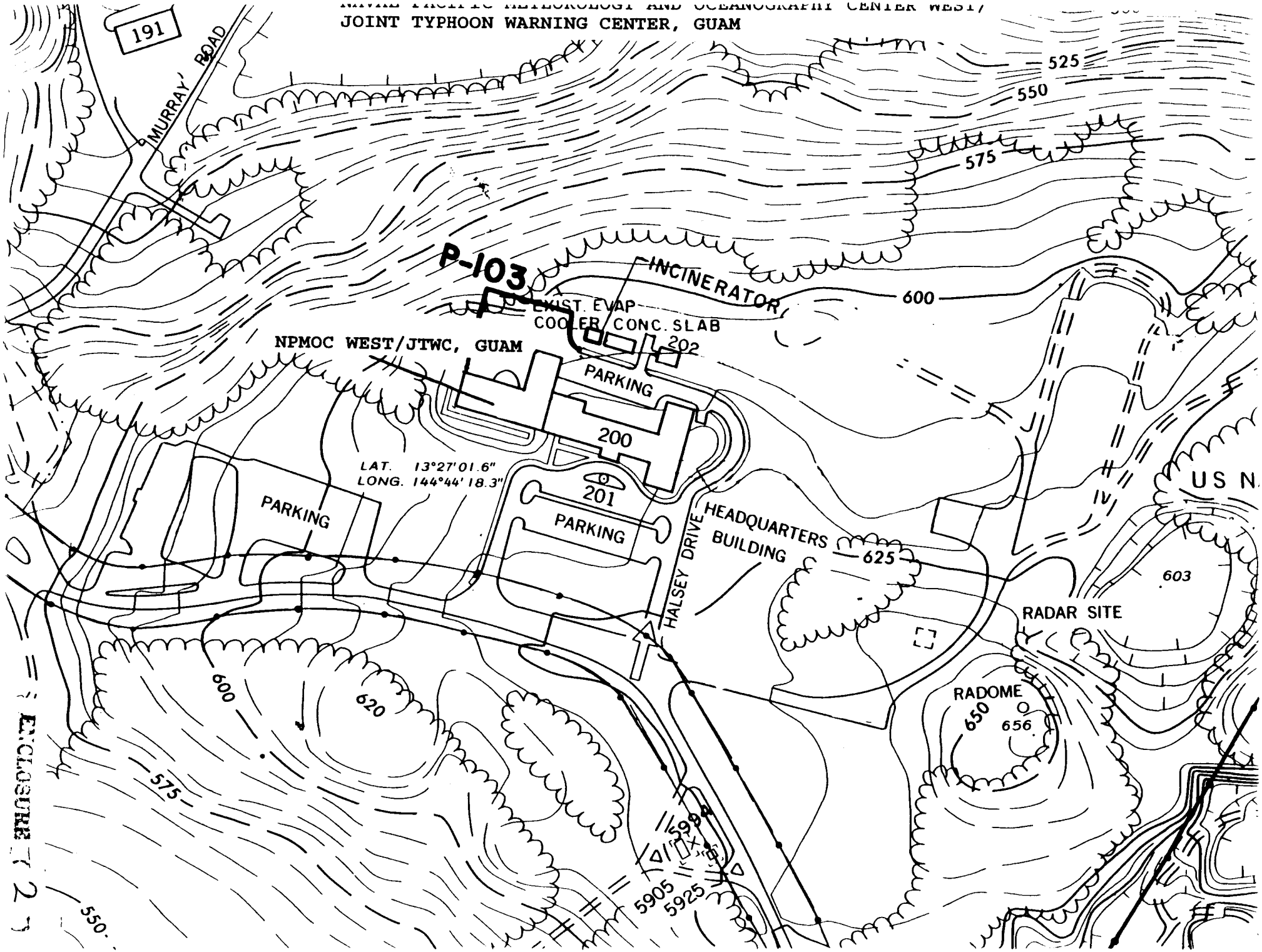

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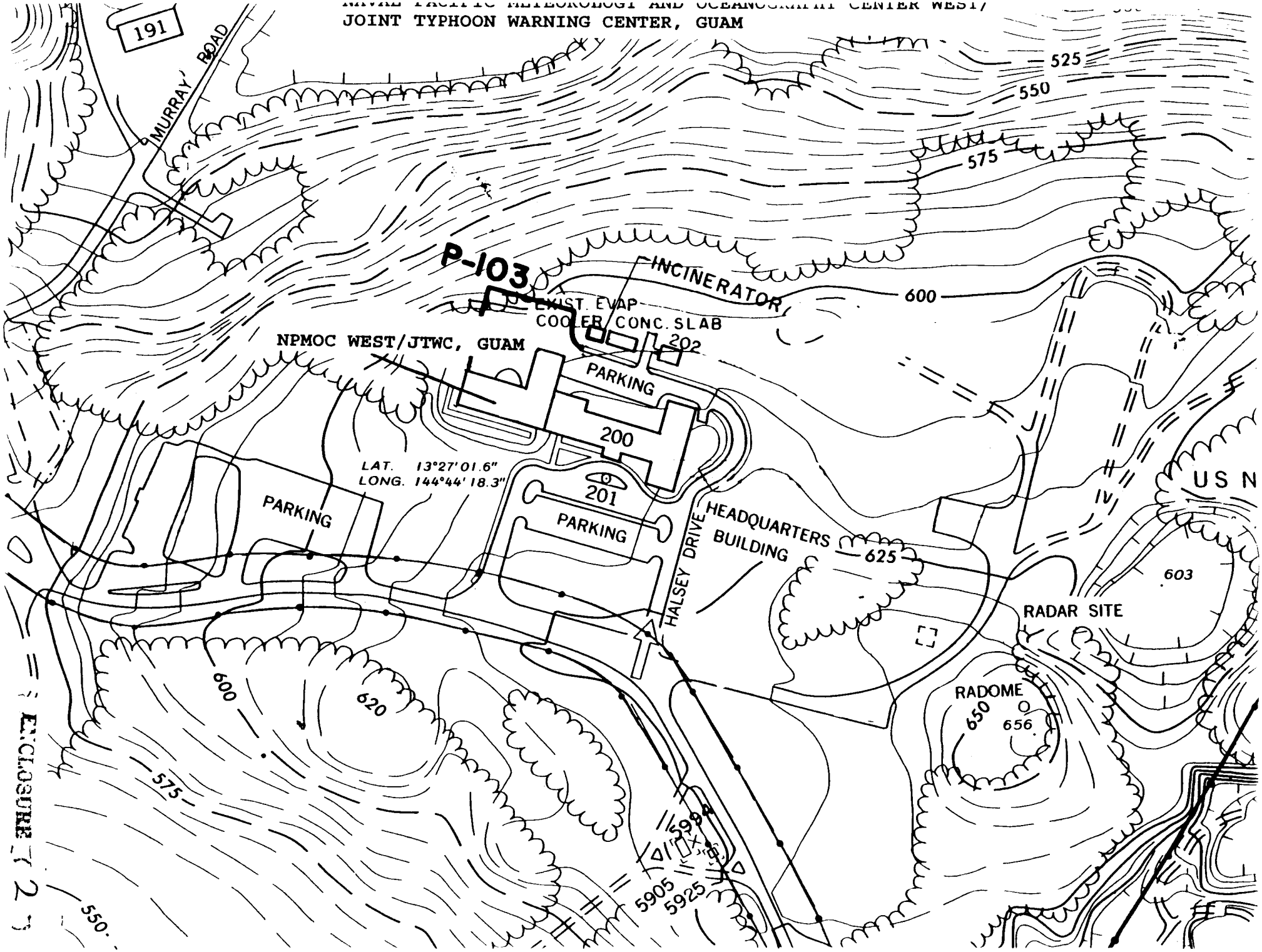

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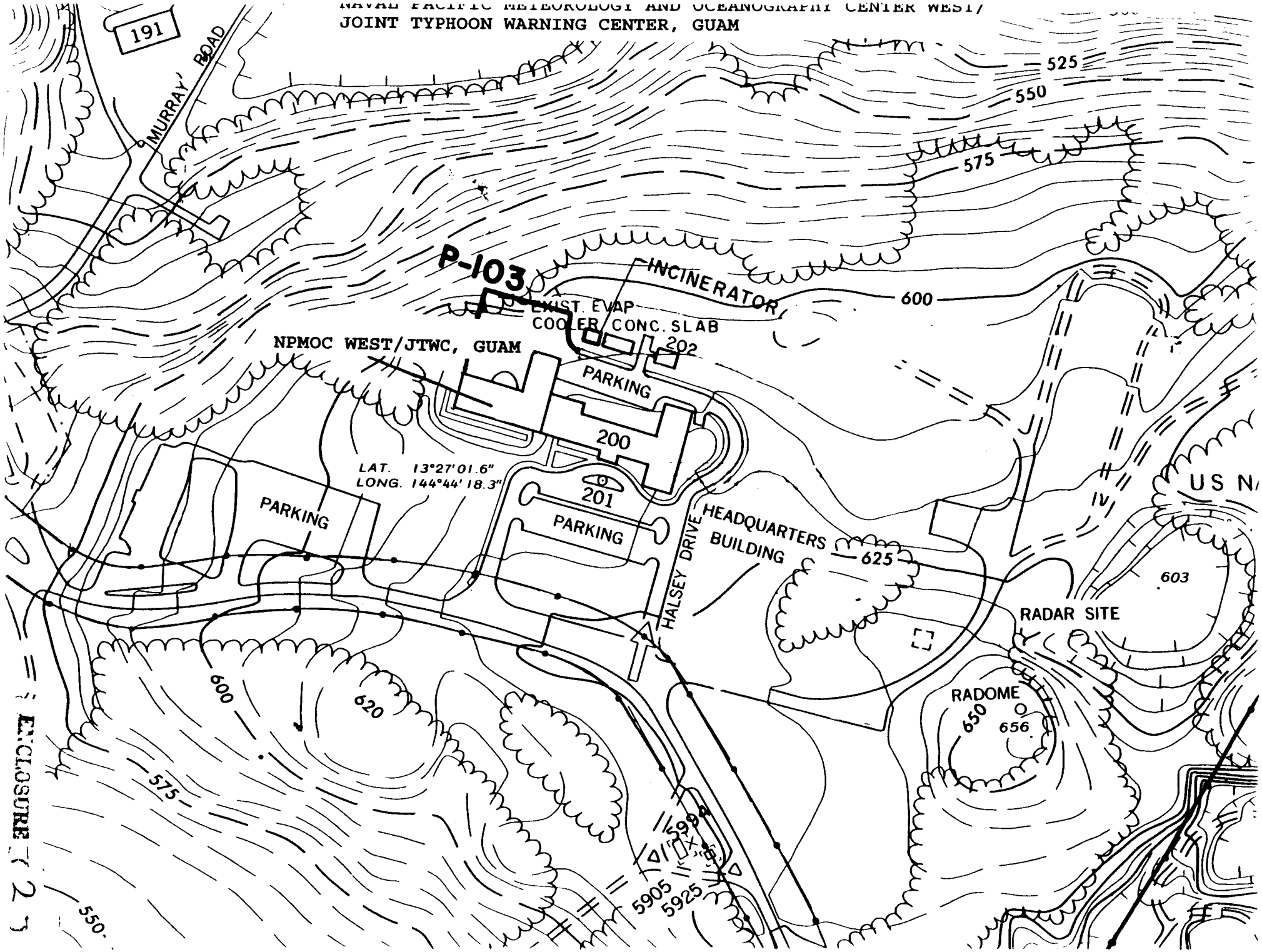

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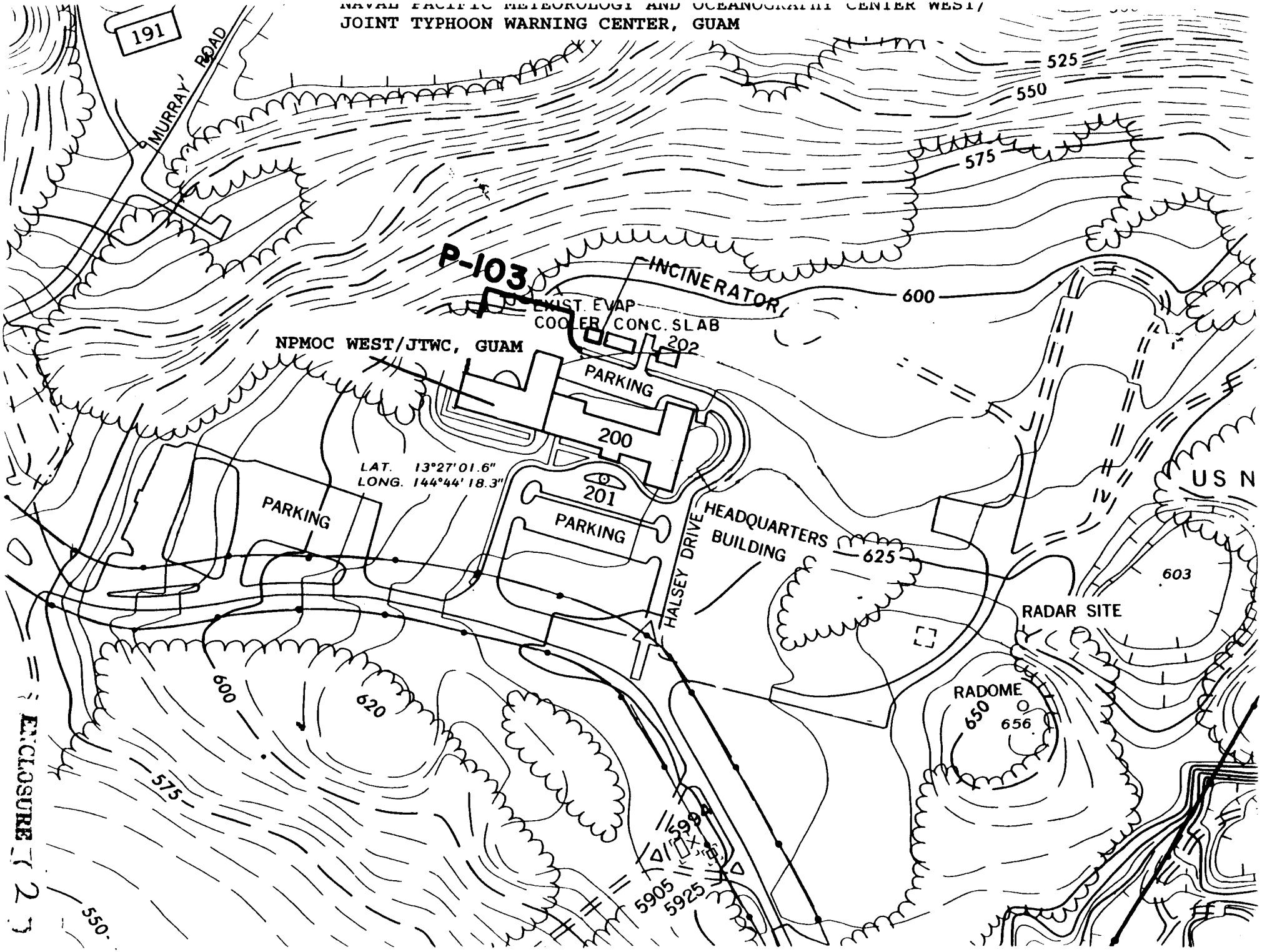

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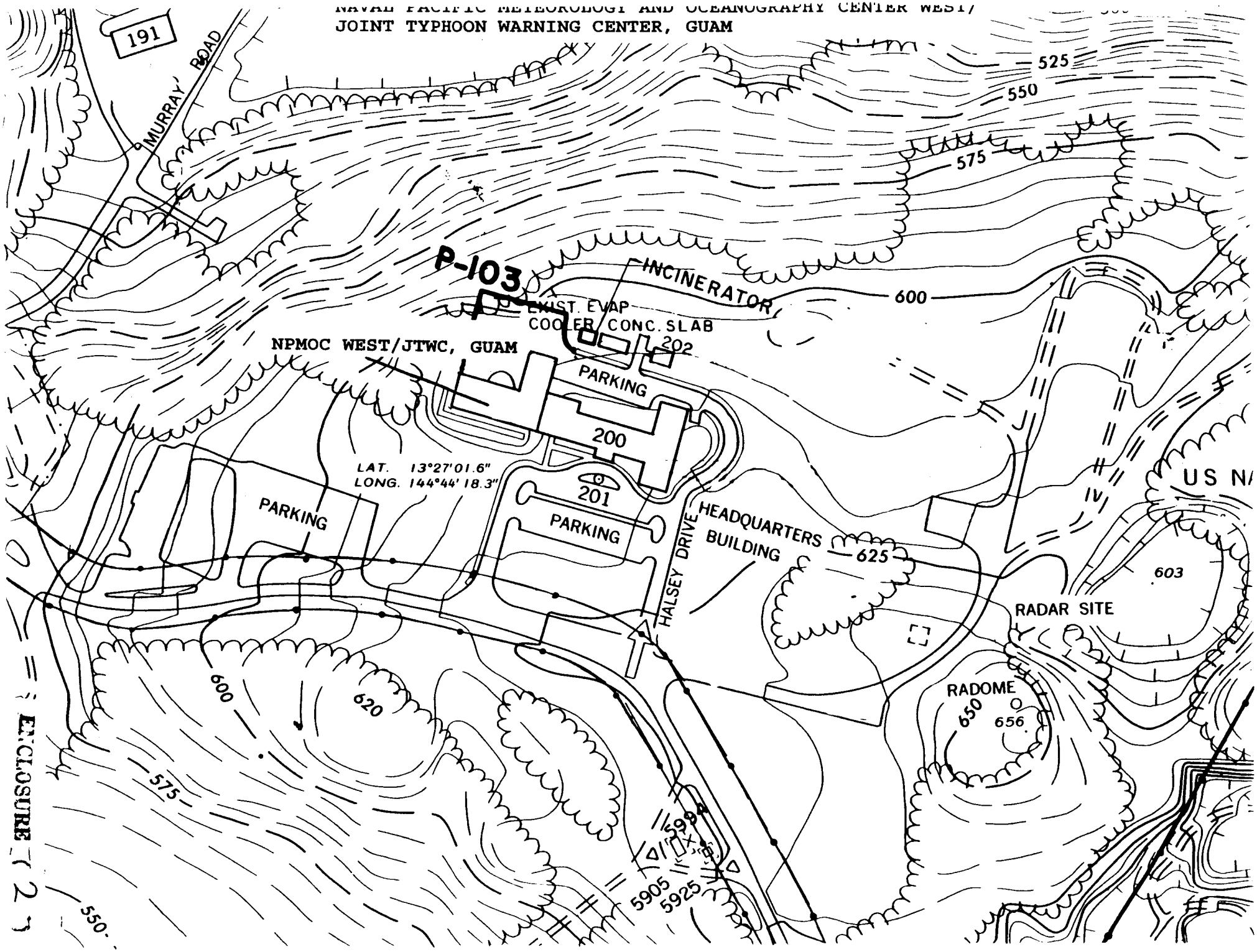

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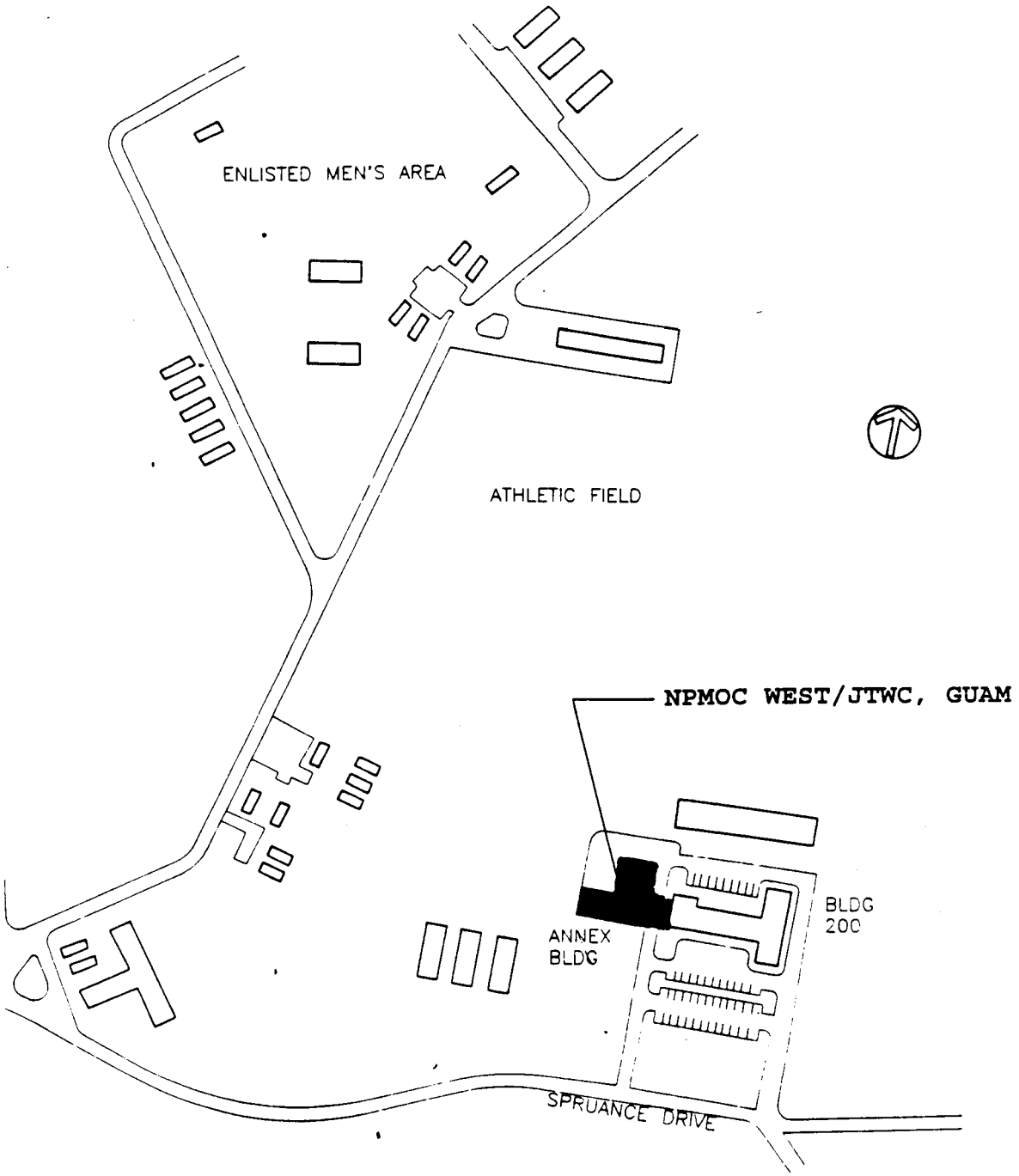

NAVAL PACIFIC METEOROLOGY AND OCEANOGRAPHY CENTER WEST/
JOINT TYPHOON WARNING CENTER, GUAM

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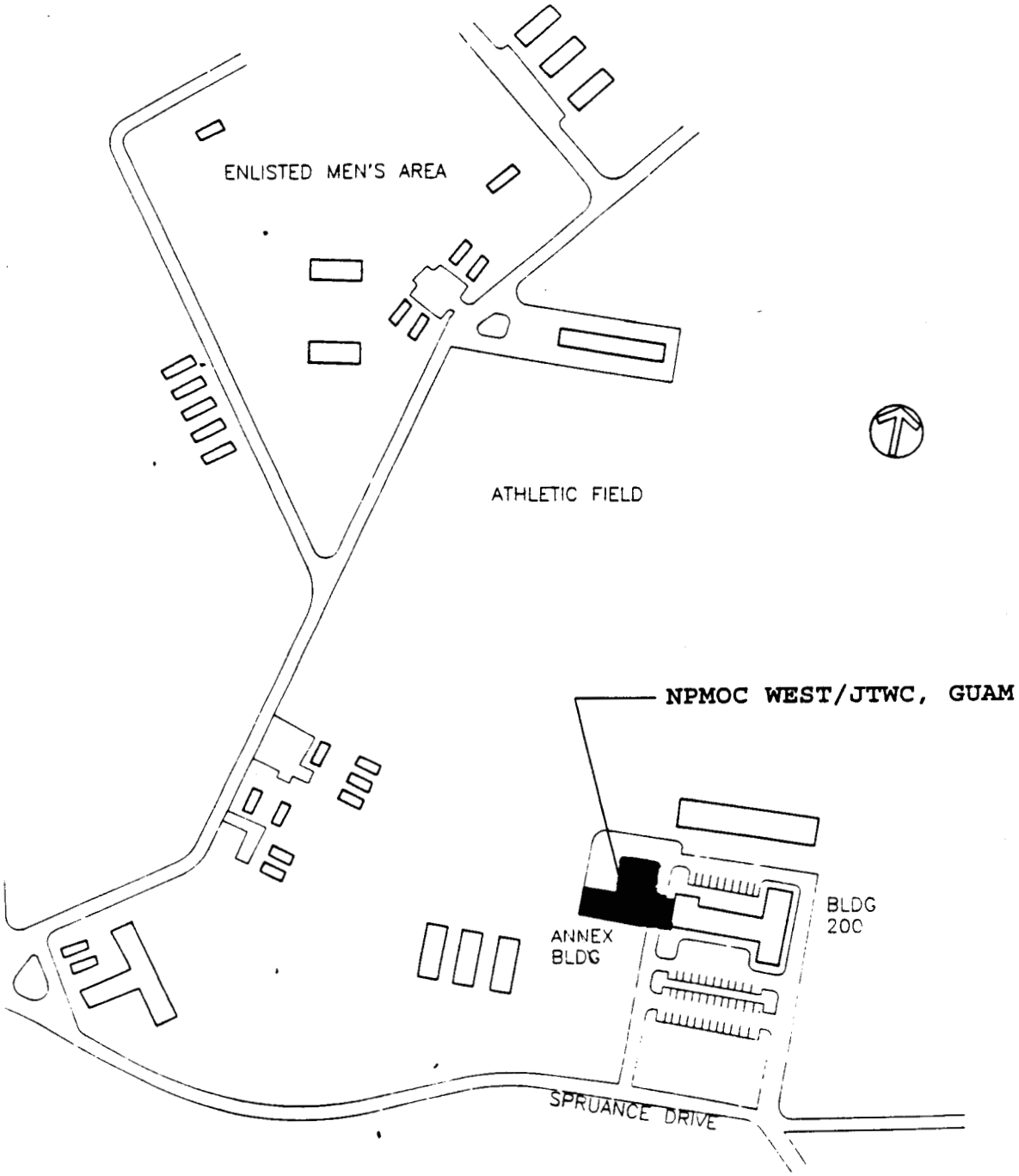

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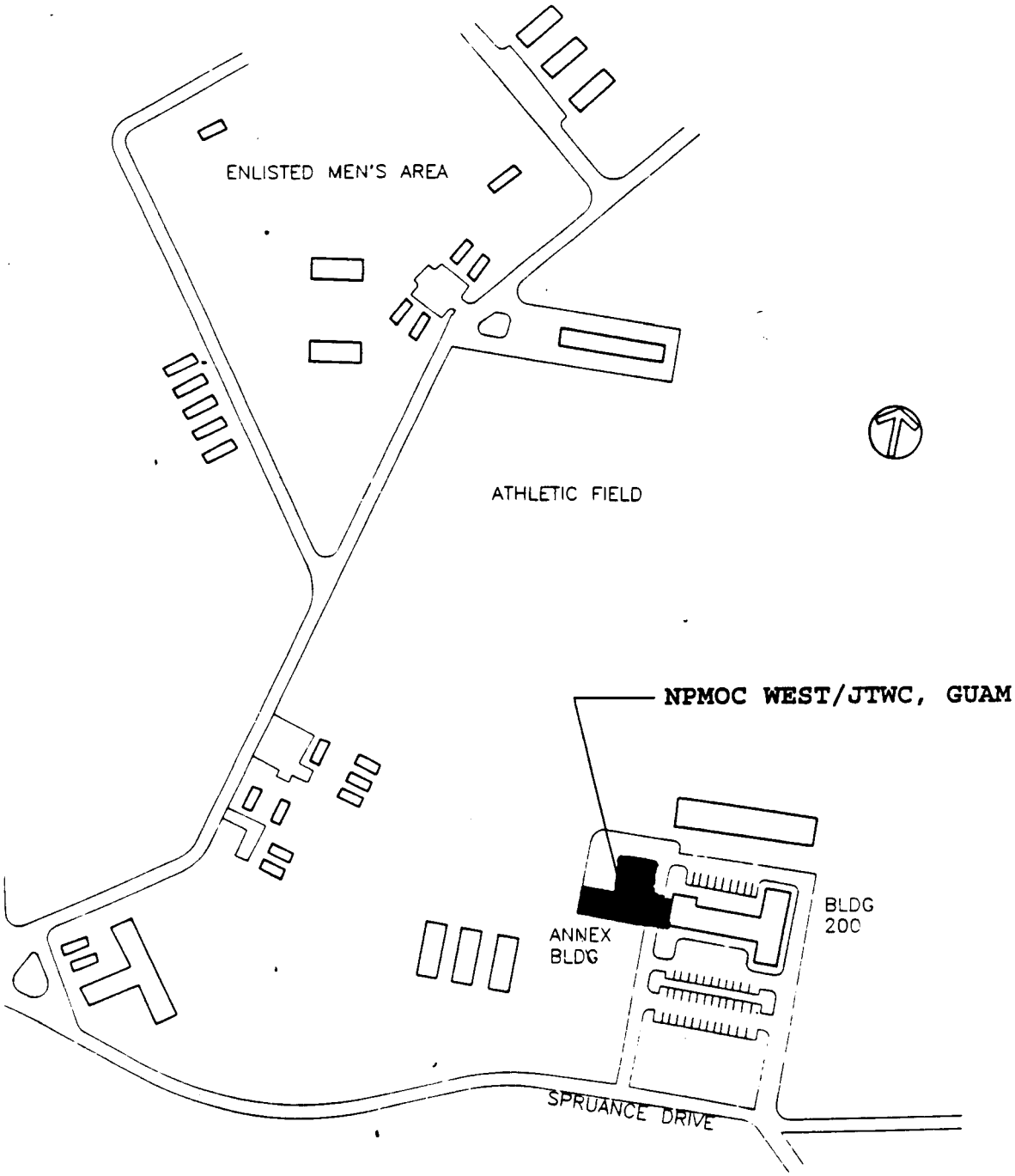

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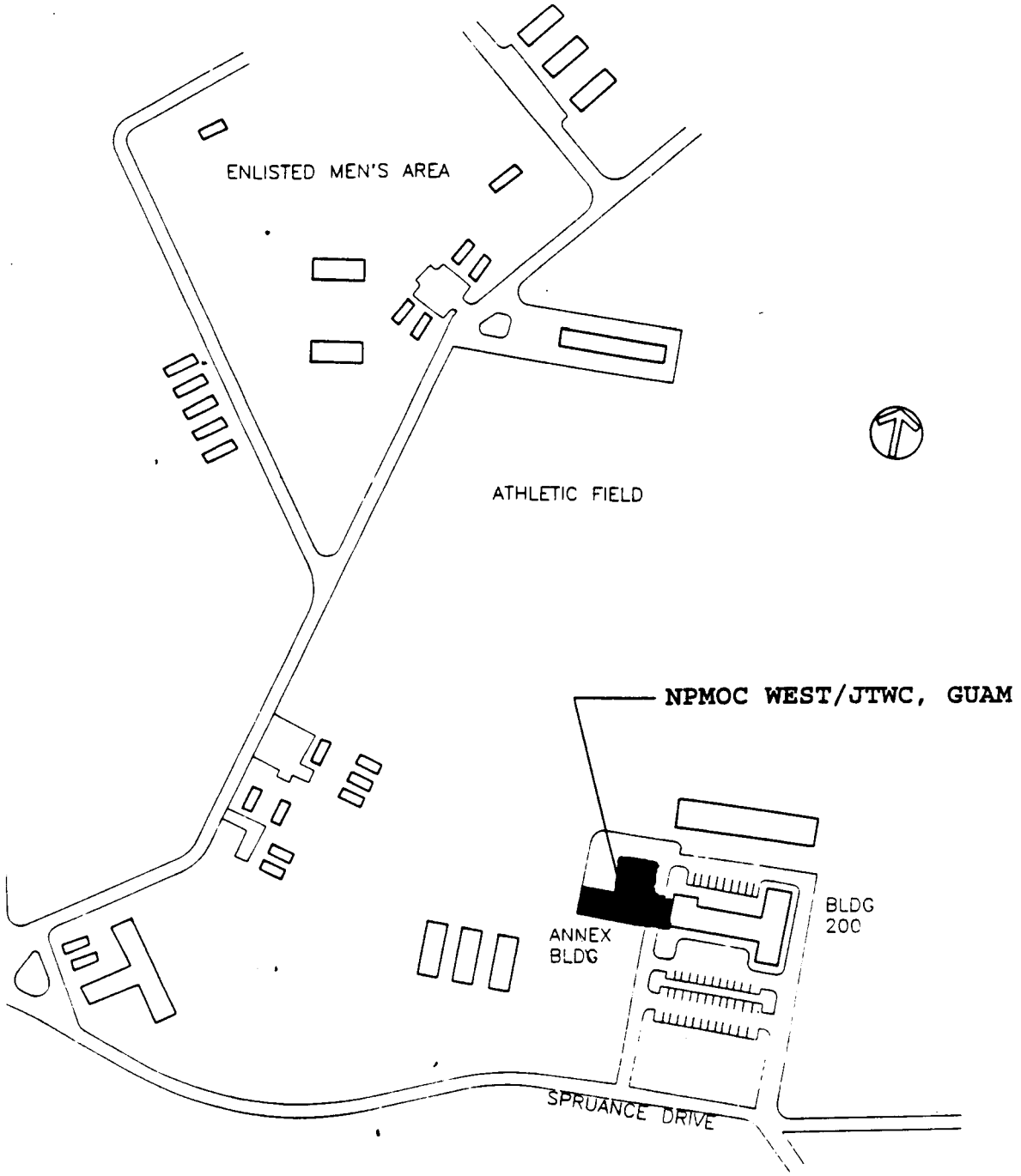

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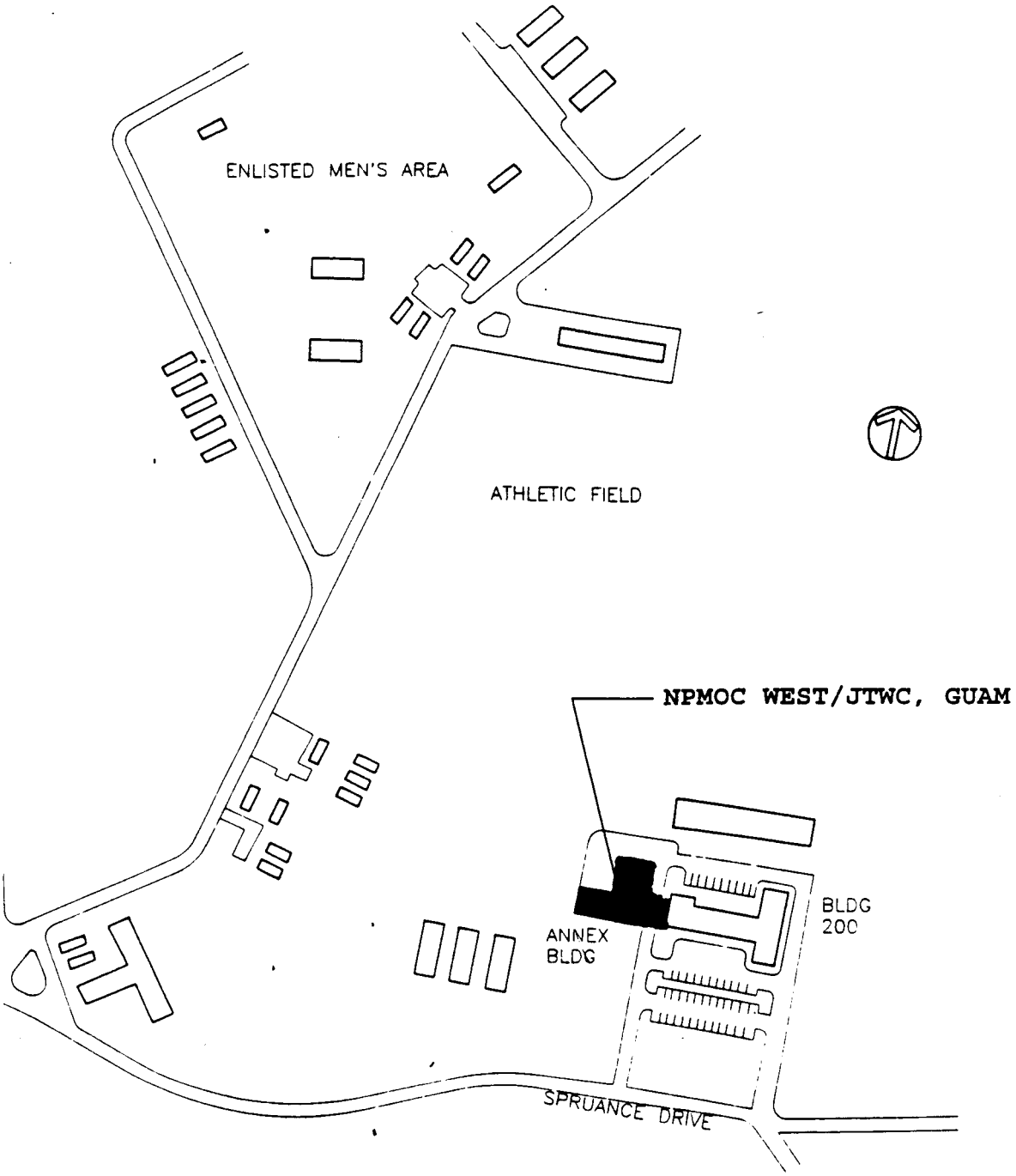
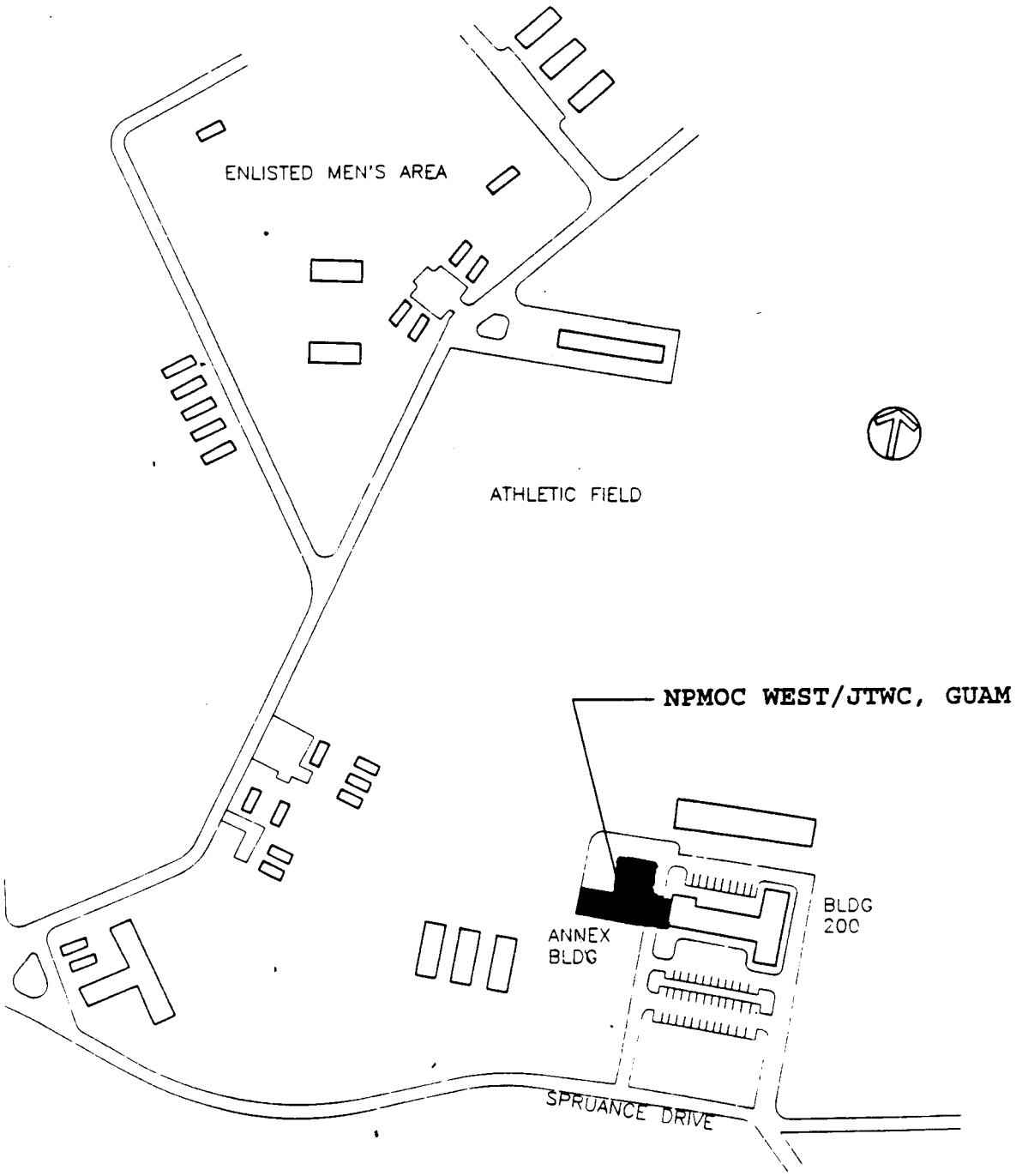


NAVAL PACIFIC METEOROLOGY AND OCEANOGRAPHY CENTER WEST/ JOINT TYPHOON WARNING CENTER, GUAM

ENCLOSURE (3)



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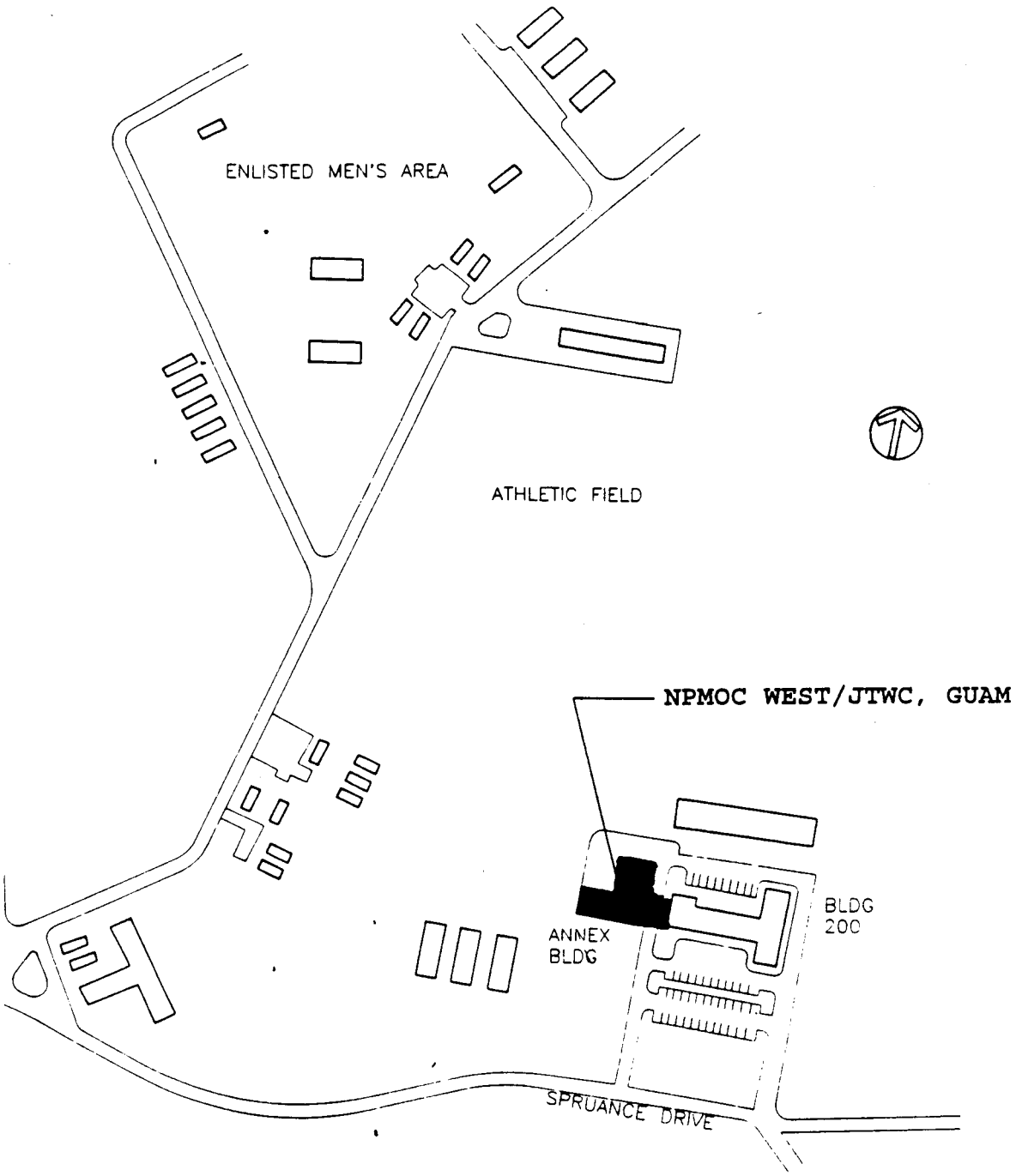

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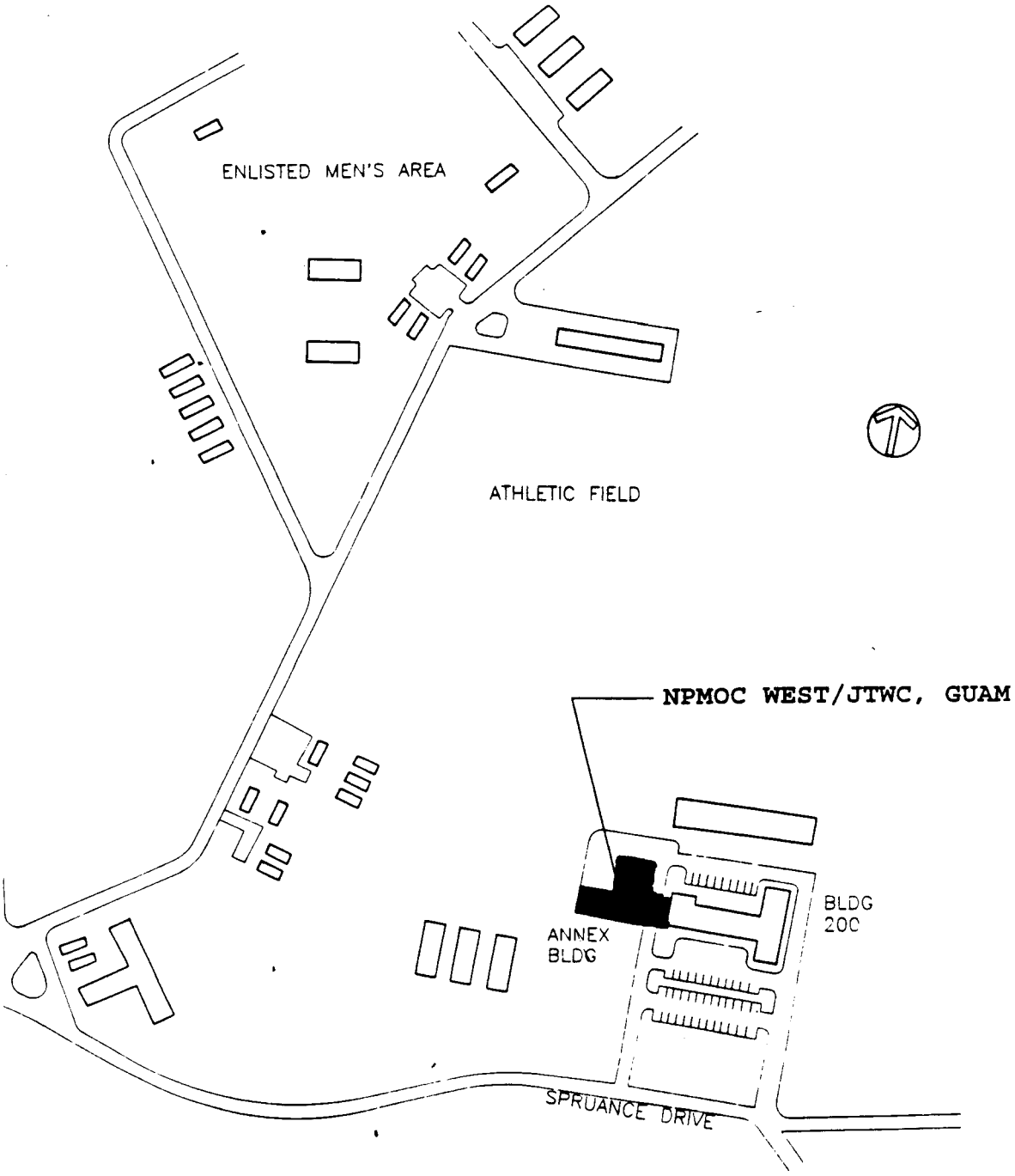

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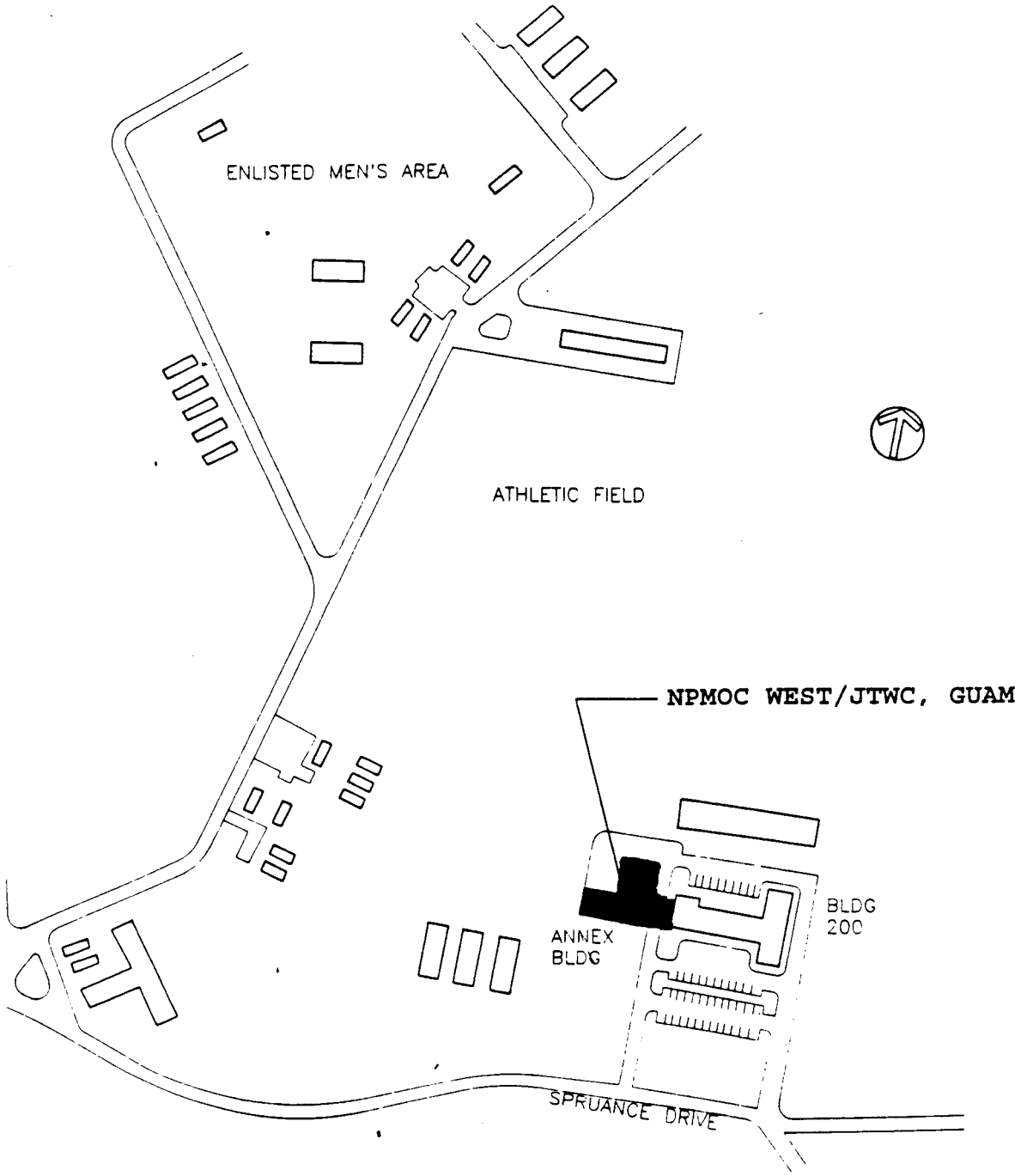

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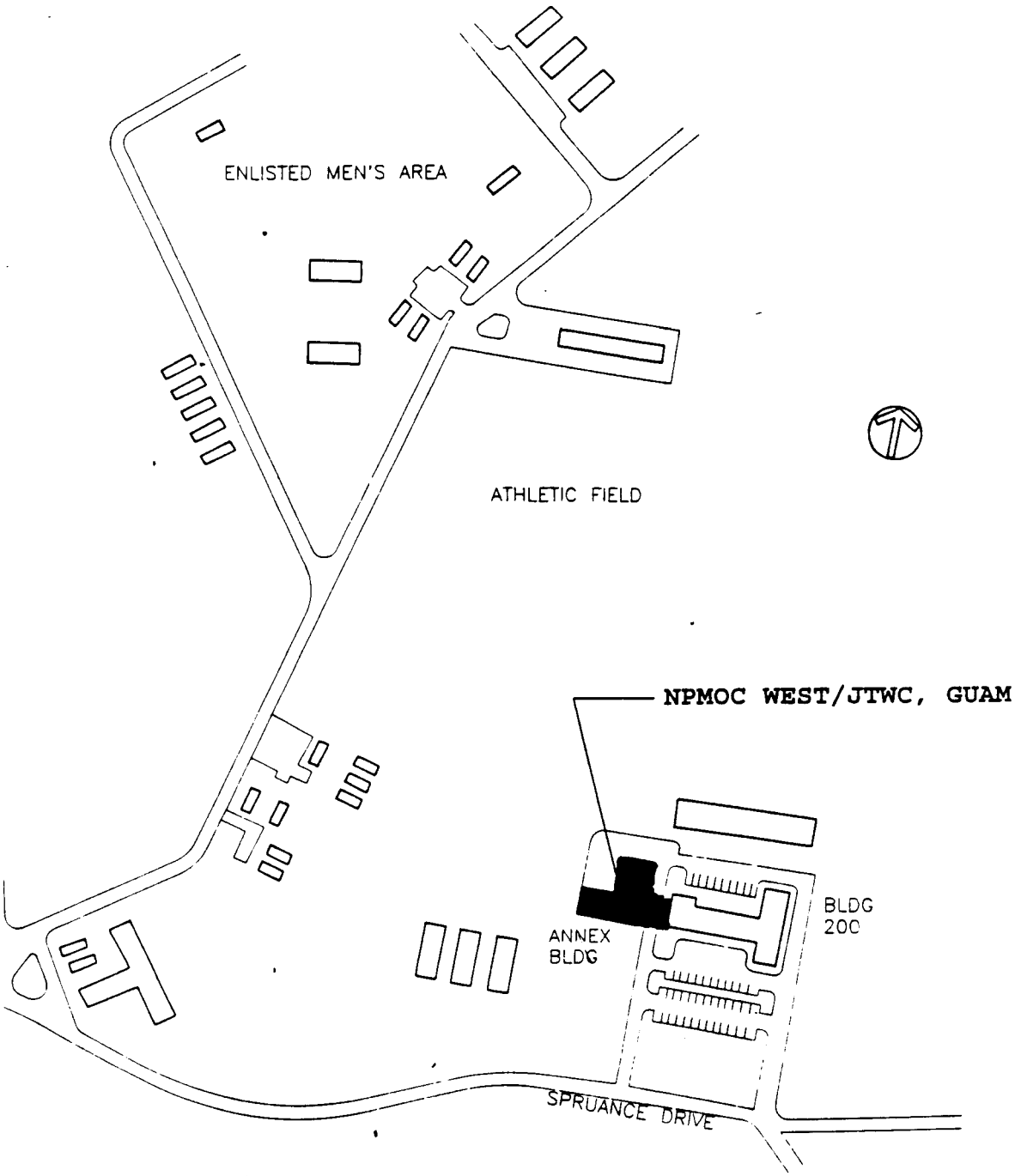

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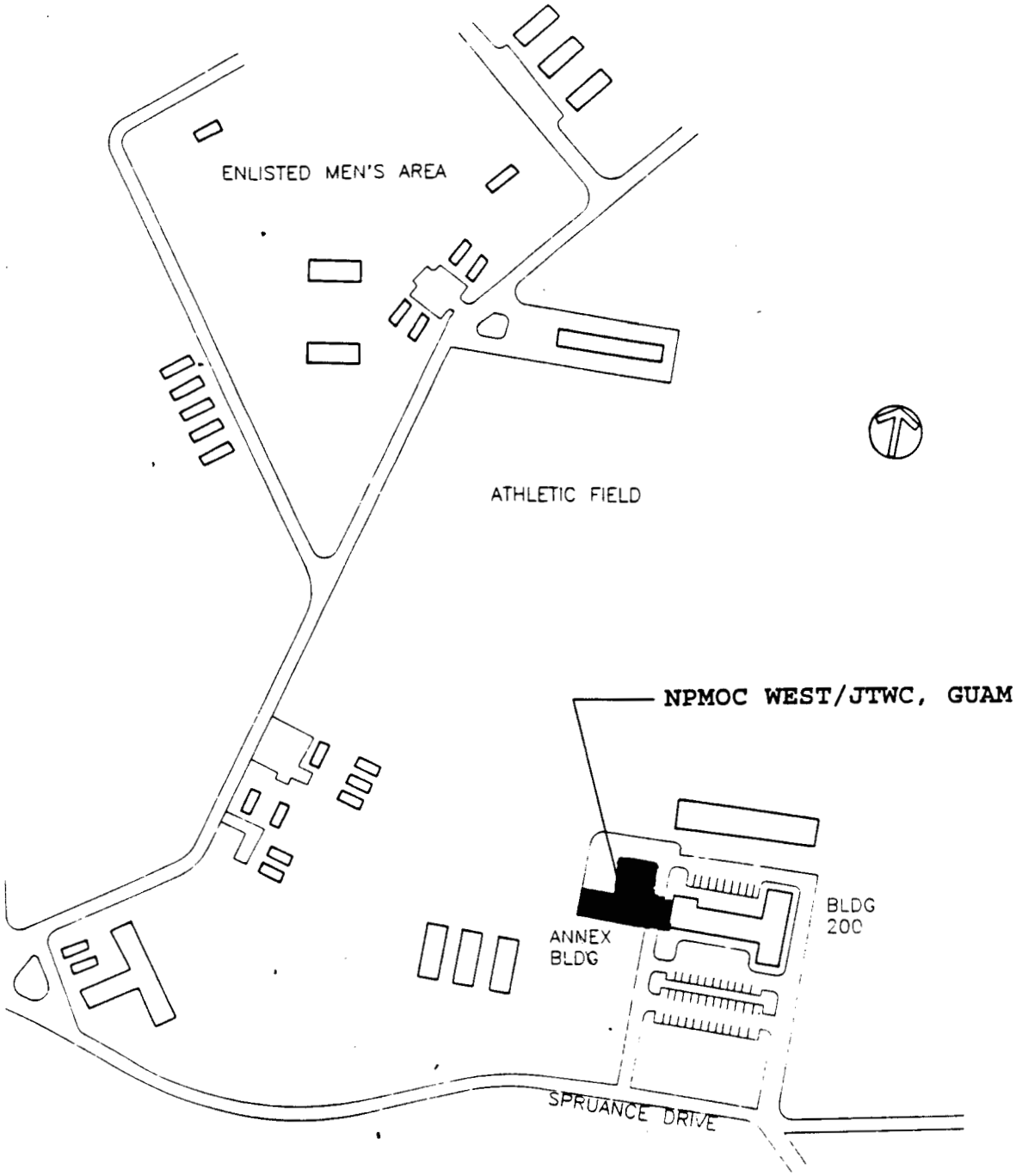

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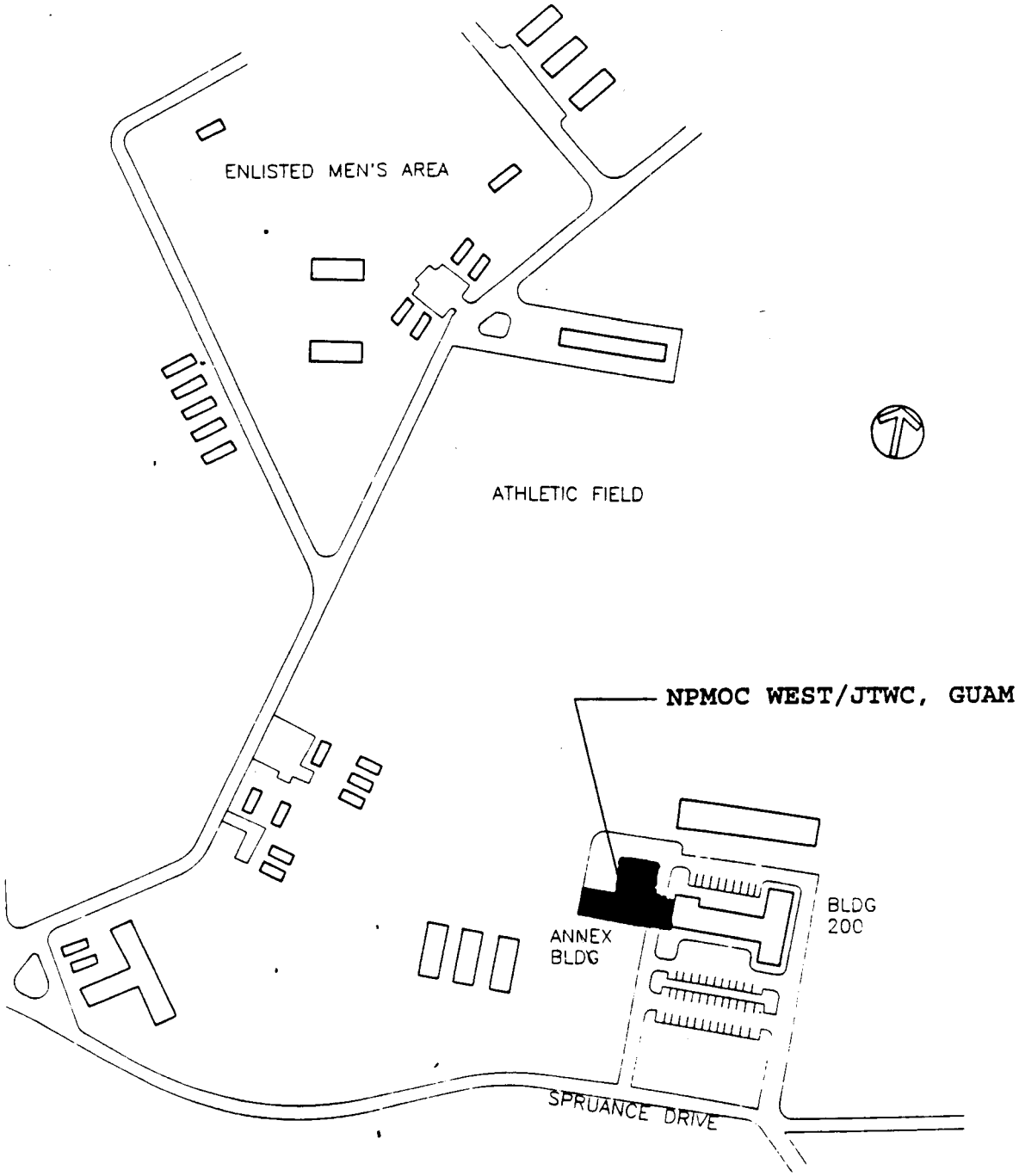

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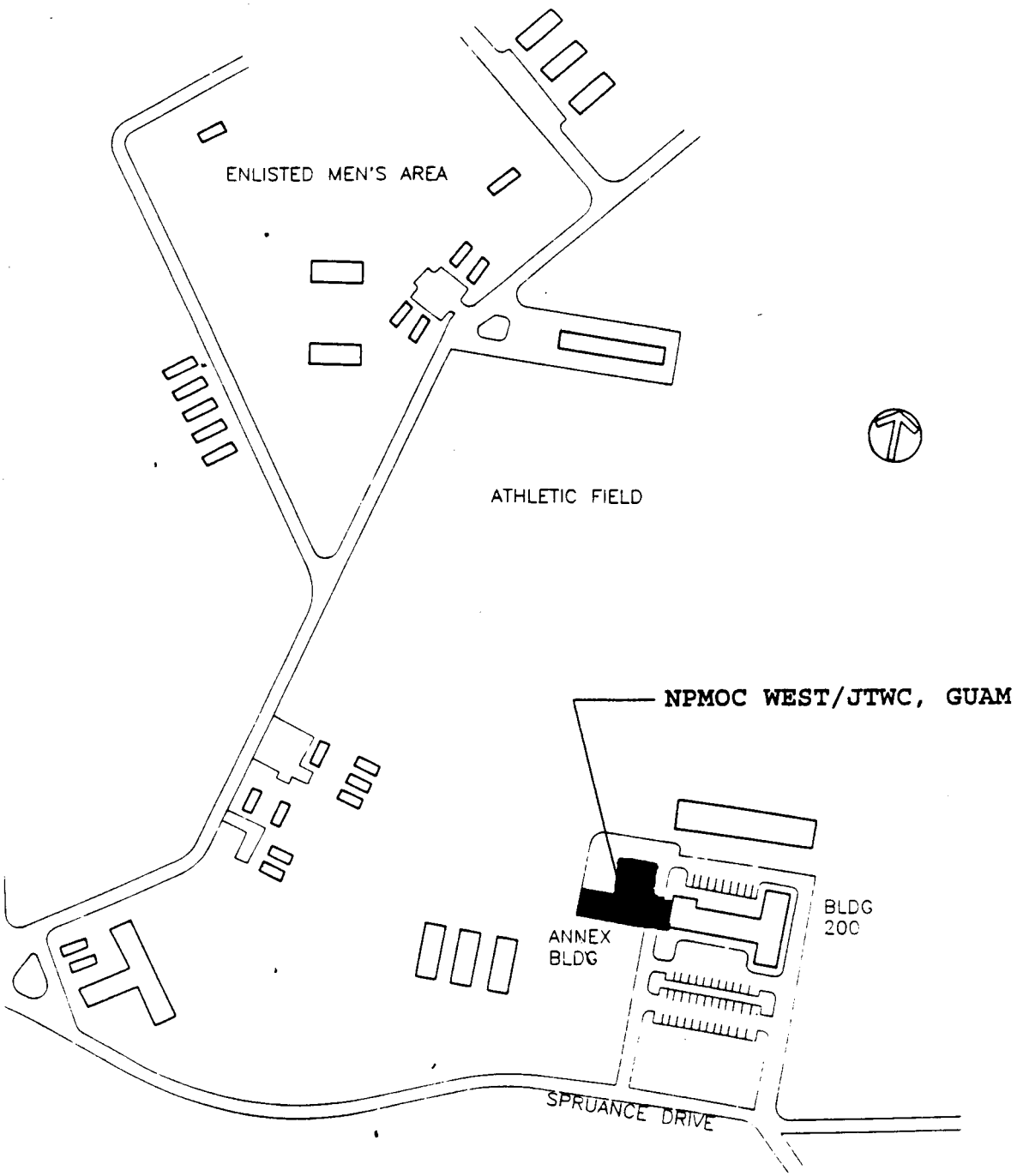

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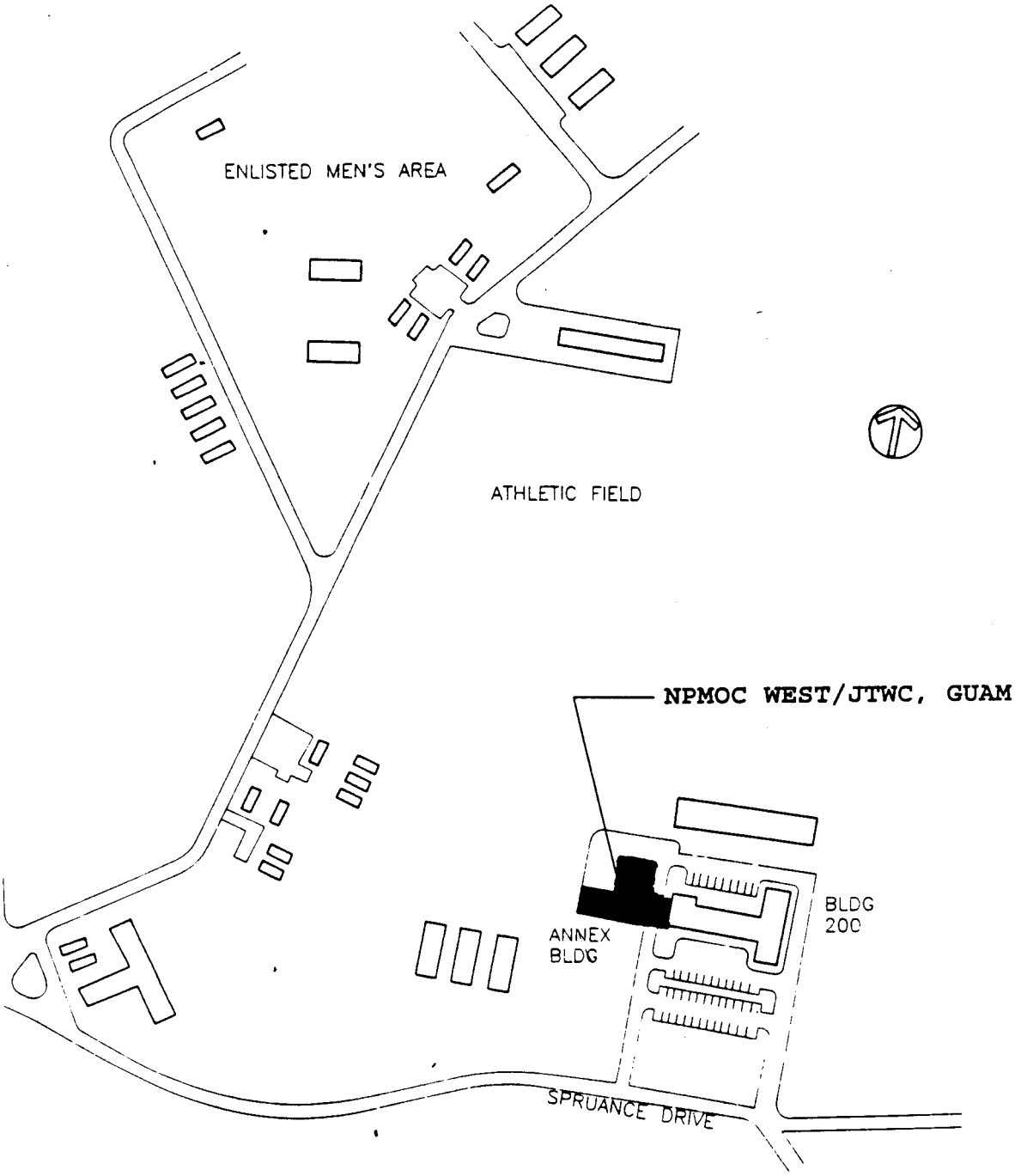
JOINT TYPHOON WARNING CENTER, GUAM

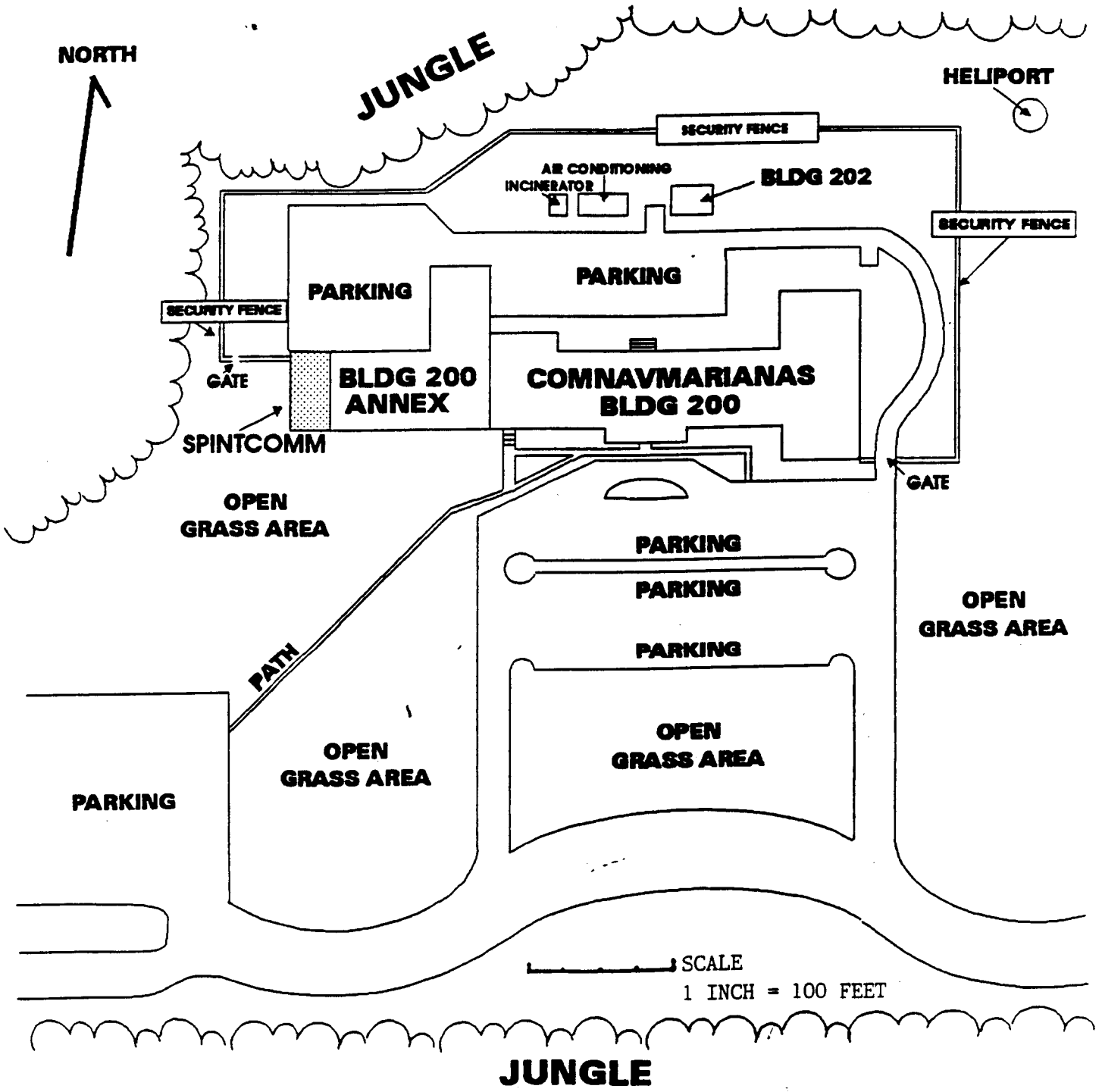
ENCLOSURE (3)



NAVAL PACIFIC METEOROLOGY AND OCEANOGRAPHY CENTER WEST/
JOINT TYPHOON WARNING CENTER, GUAM

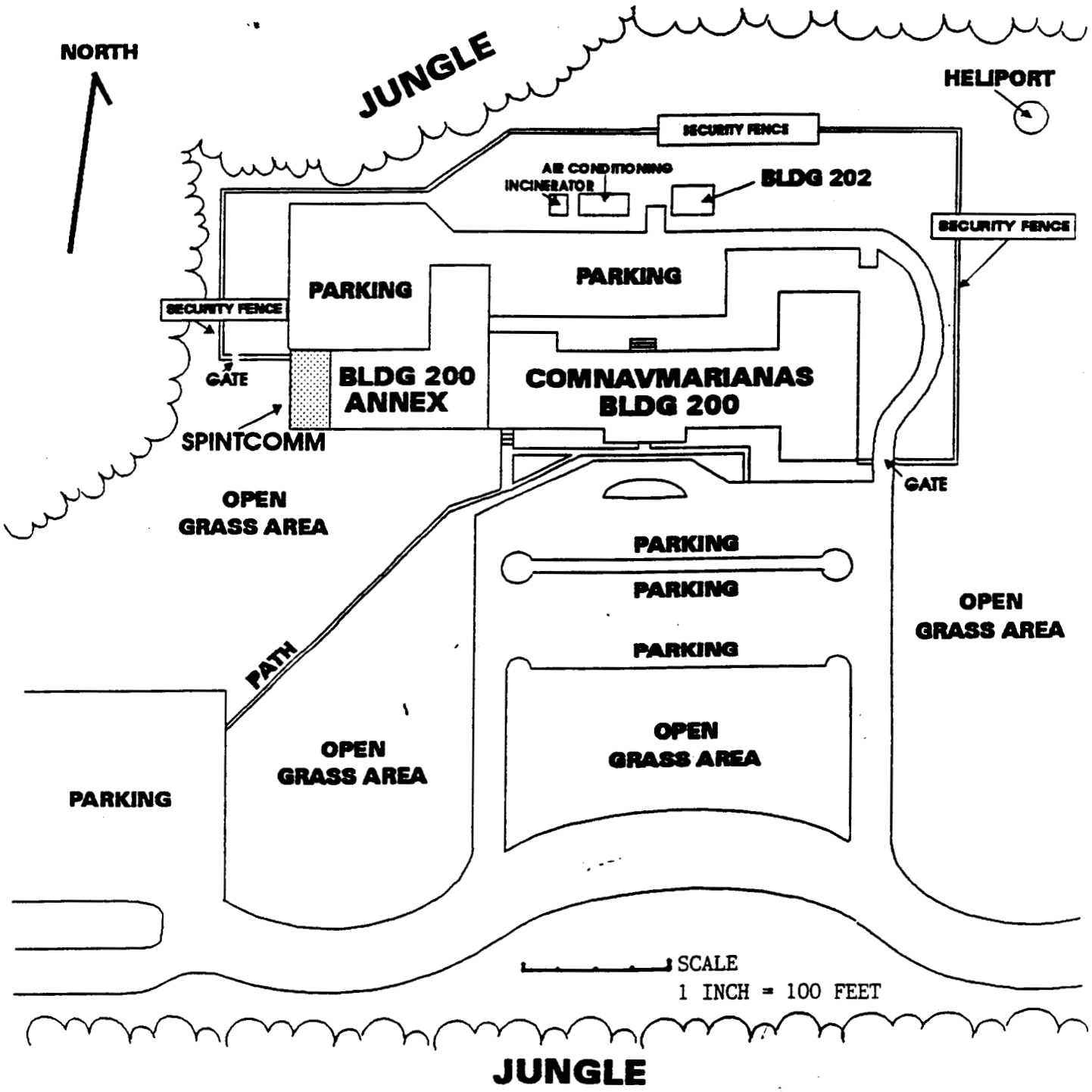
ENCLOSURE (3)

NAVAL PACIFIC METEOROLOGY AND OCEANOGRAPHY CENTER WEST / JOINT TYPHOON WARNING CENTER GUAM



ENCLOSURE (4)

NAVAL PACIFIC METEOROLOGY AND OCEANOGRAPHY CENTER WEST / JOINT TYPHOON WARNING CENTER GUAM



ENCLOSURE (4)

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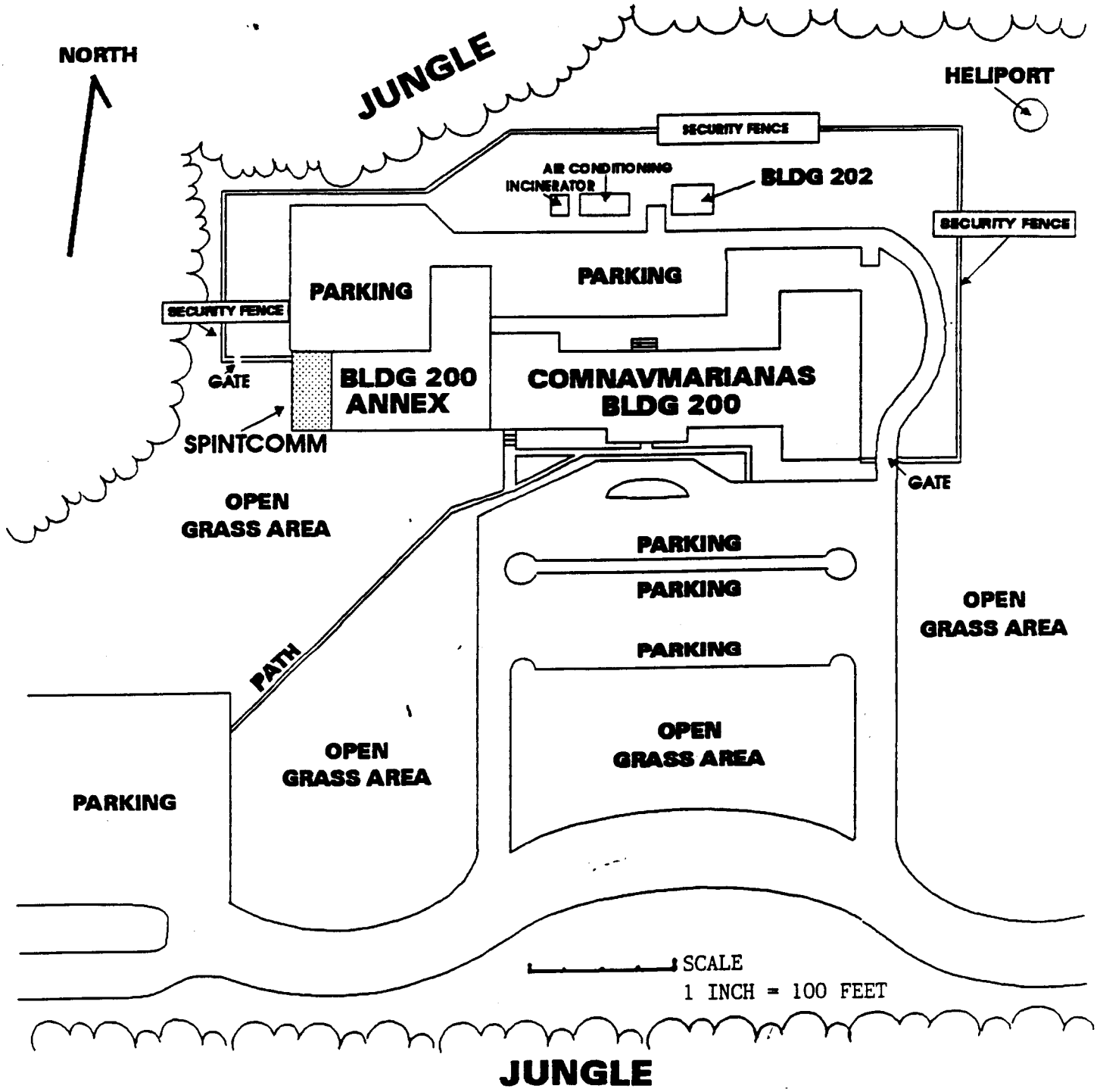
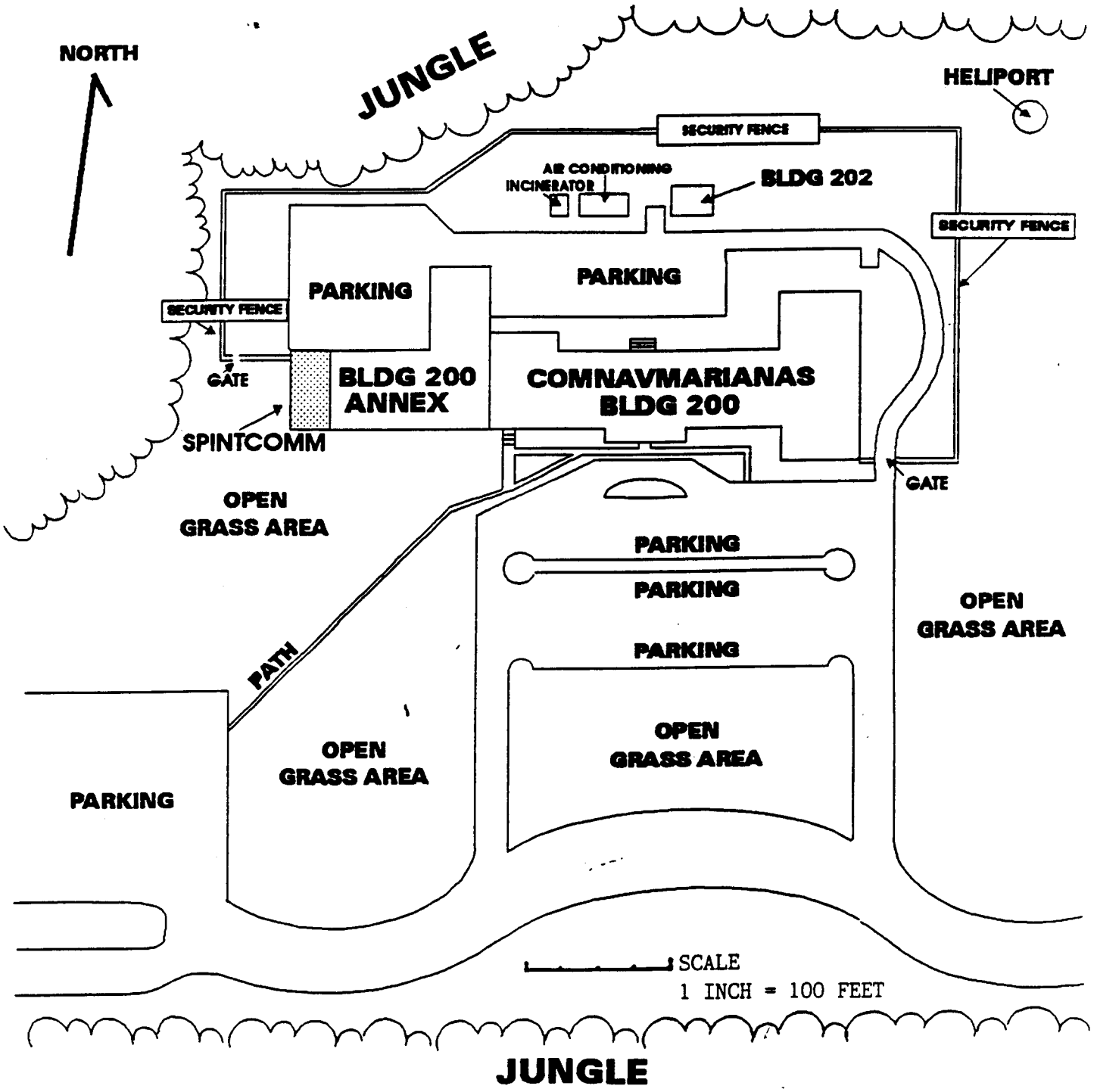


ENCLOSURE (4)

NAVAL PACIFIC METEOROLOGY AND OCEANOGRAPHY CENTER WEST / JOINT TYPHOON WARNING CENTER GUAM



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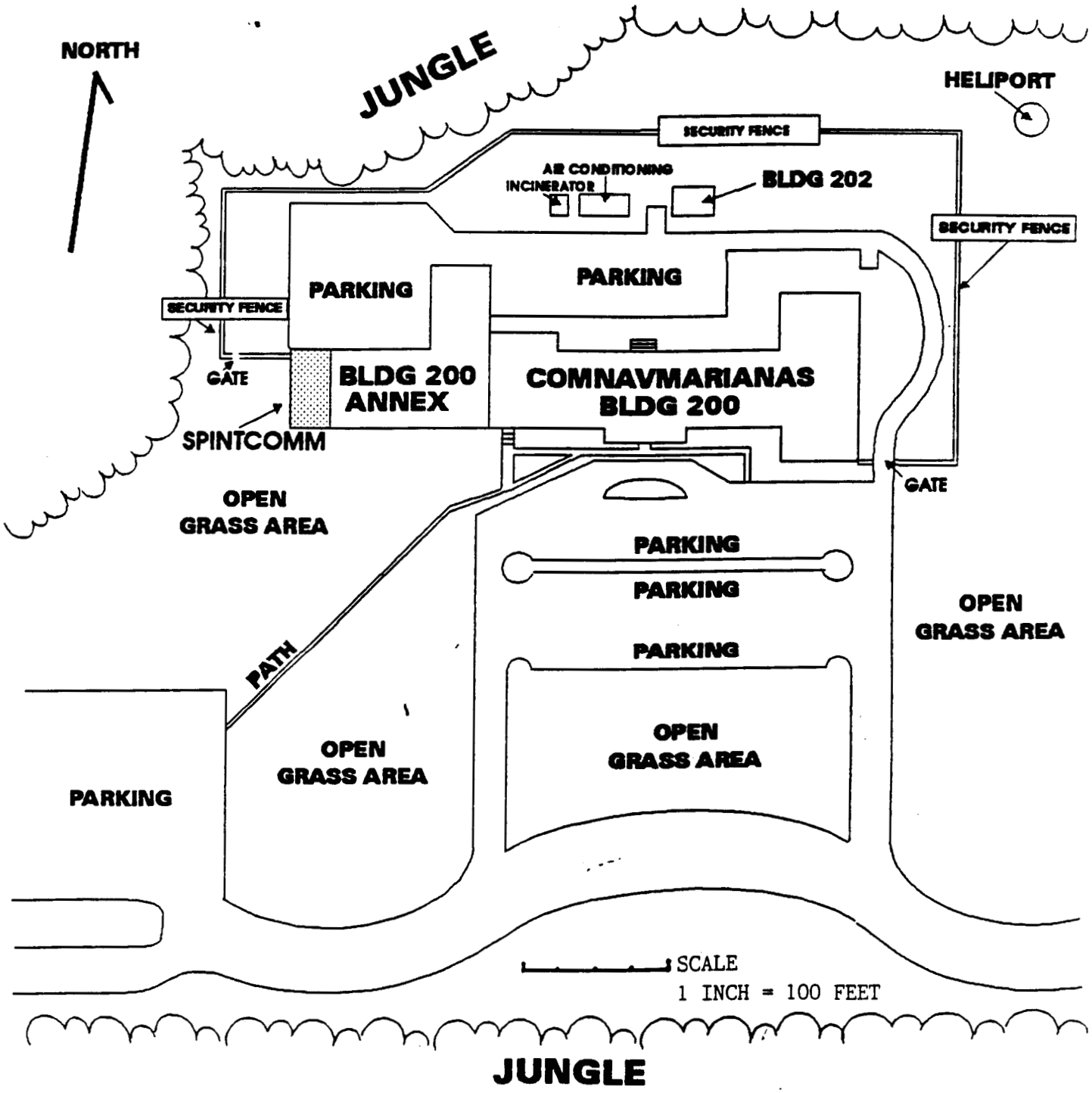

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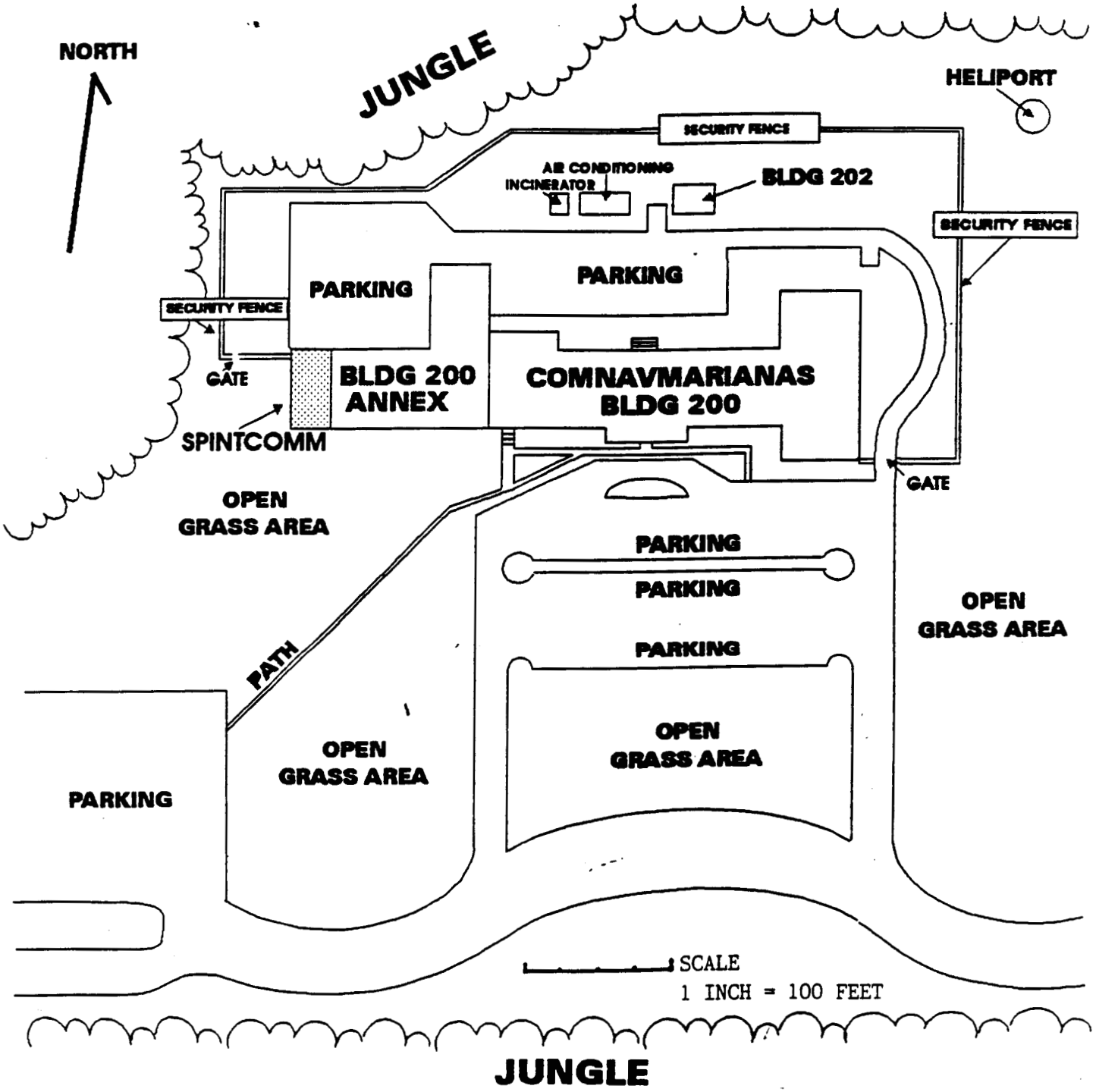

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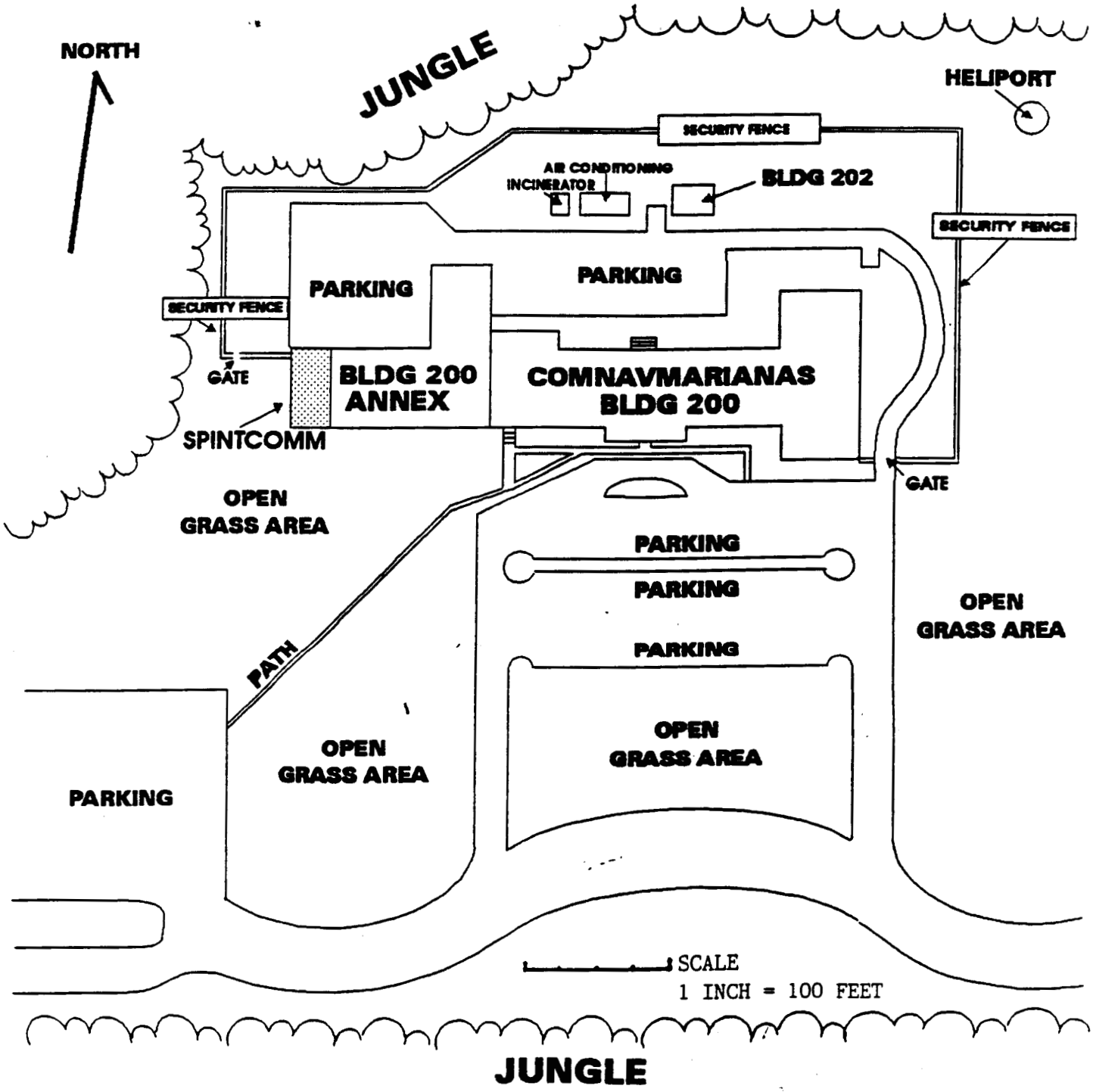

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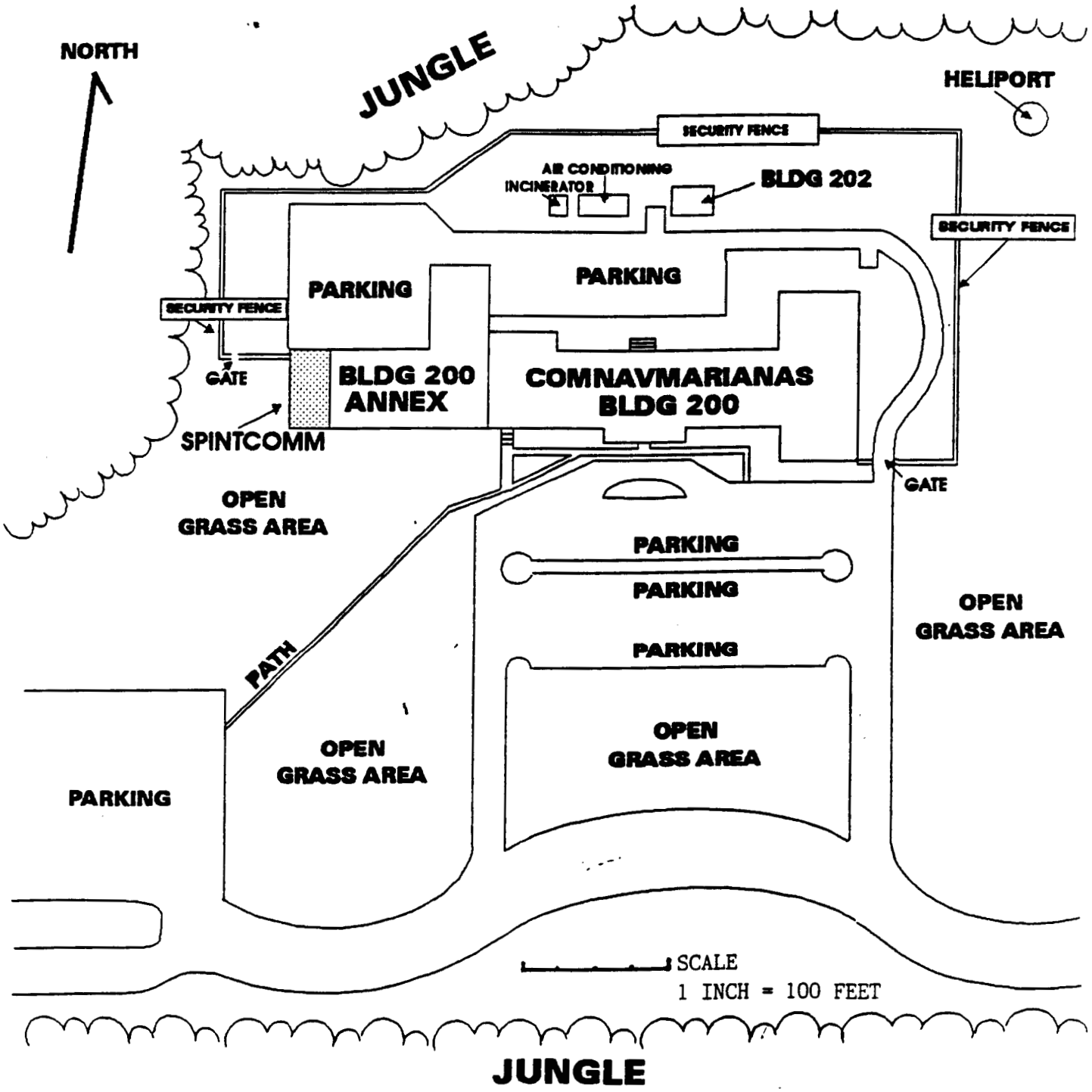
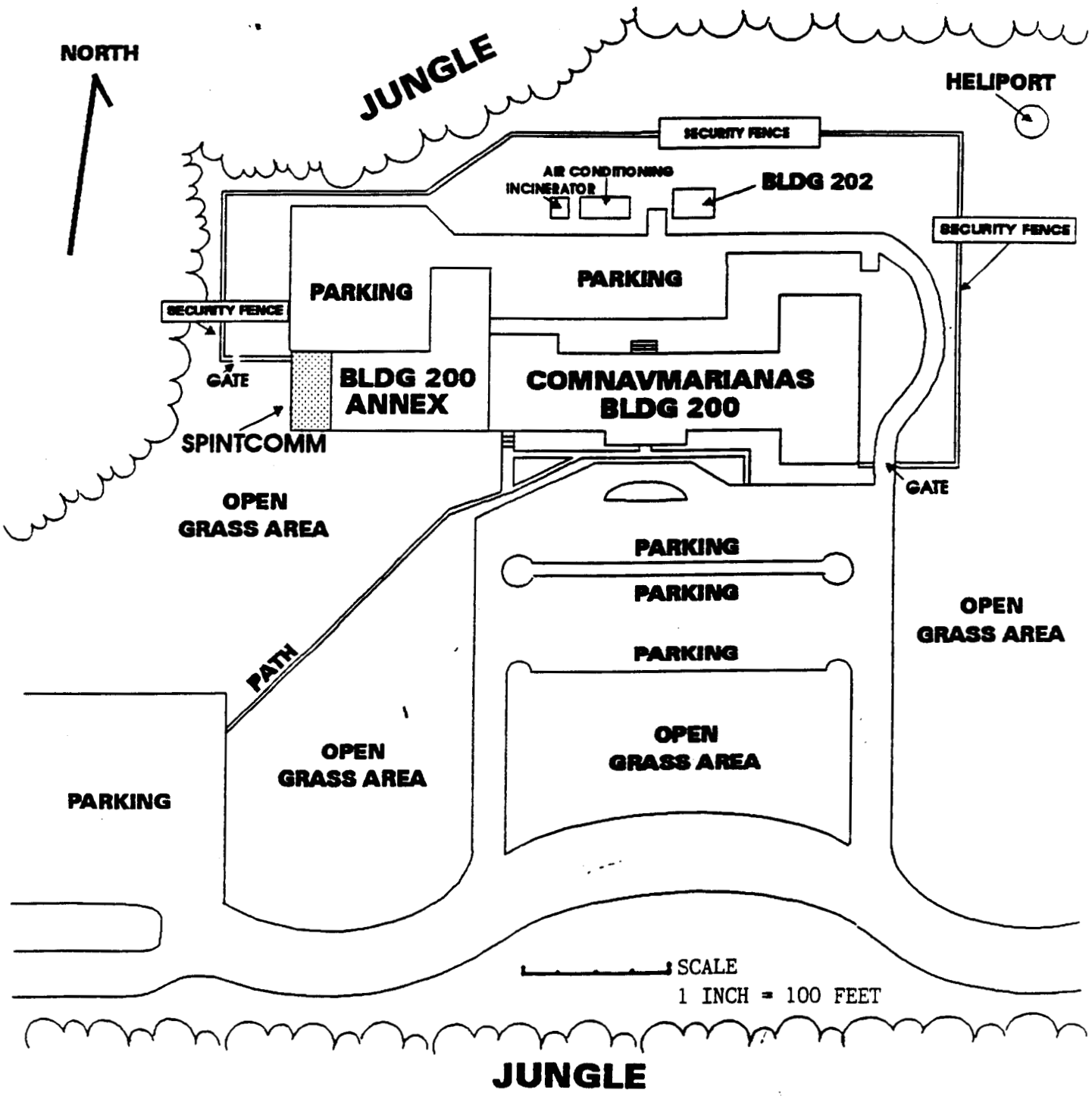


ENCLOSURE (4)

NAVAL PACIFIC METEOROLOGY AND OCEANOGRAPHY CENTER WEST / JOINT TYPHOON WARNING CENTER GUAM



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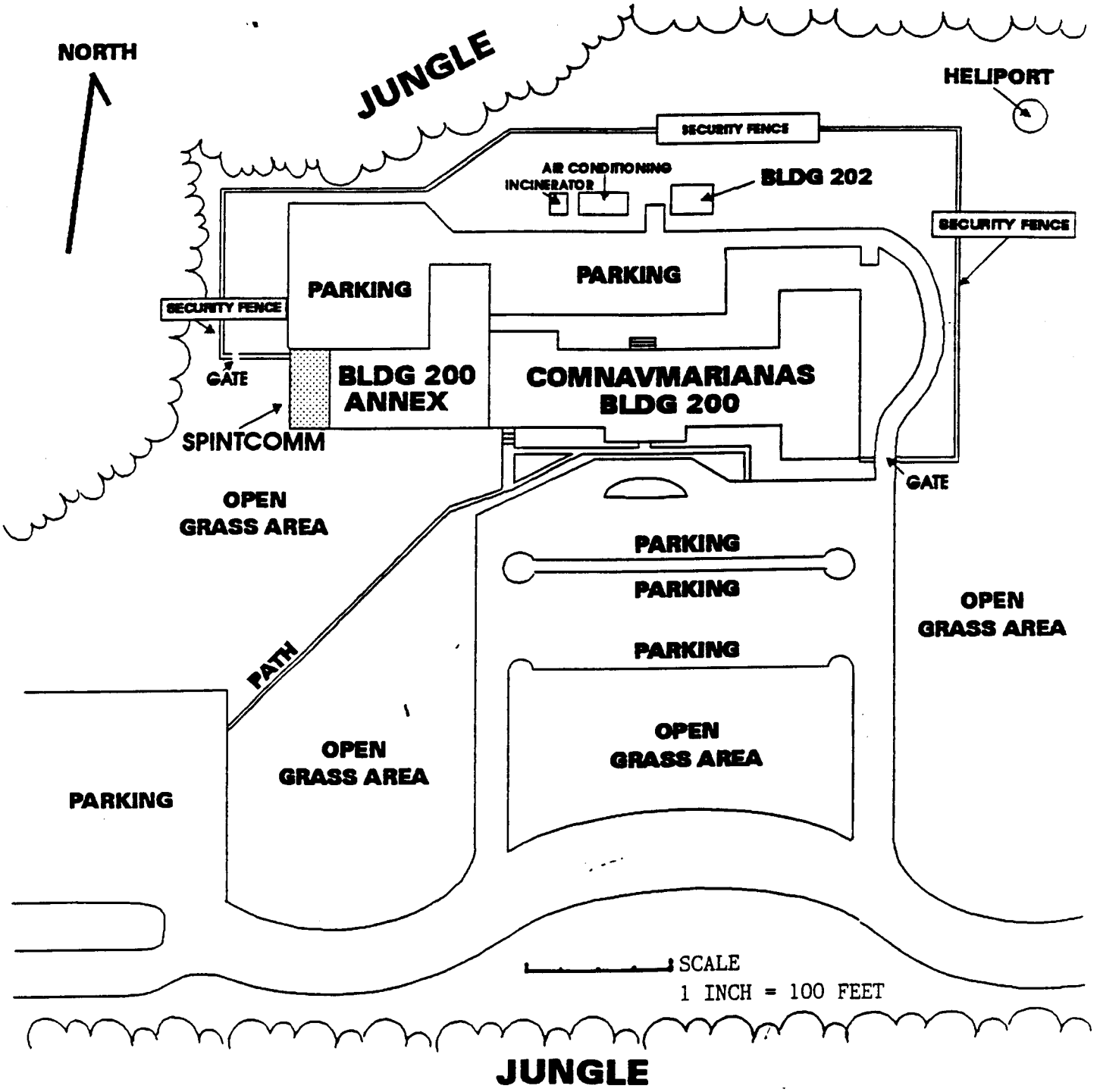

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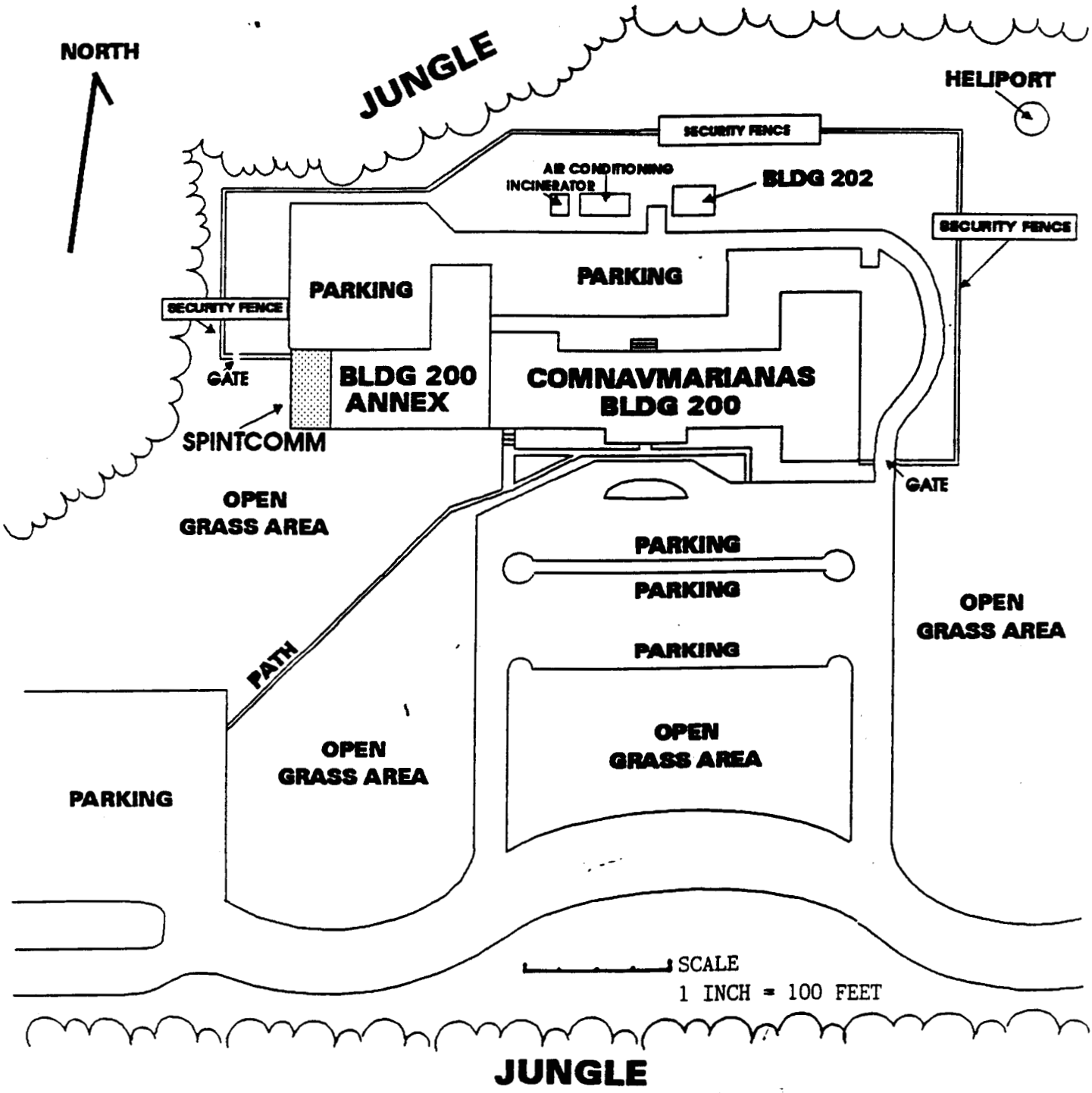
NAVAL PACIFIC METEOROLOGY AND OCEANOGRAPHY CENTER WEST / JOINT TYPHOON WARNING CENTER GUAM



ENCLOSURE (4)

86

CAPACITY ANALYSIS

DATA CALL WORK SHEET

FOR NAVAL METEOROLOGY AND OCEANOGRAPHY CENTERS:
NAVPACMETOCCEN, PEARL HARBOR, HI

PRIMARY UIC: 62363
(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 (6)

Naval Meteorology and Oceanography Centers Activity Listing

Type	Title	Location
COMMANDER	COMNAVMETOCCEN	STENNIS SPACE CENTER, MS
METOCCEN	FLENUMMETOCCEN	MONTEREY, CA
METOCCEN	NAVPACMETOCCEN	PEARL HARBOR, HI
METOCCEN	NAVPACMETOCCEN WEST	GUAM
METOCCEN	NAVLANTMETOCCEN	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.

a. Ship WXOBS, TAFS, BTOBS, UUAA soundings
b. Shore OBS, TAFS
c. AWN data
d. High resolution GOES satellite imagery
e. High resolution GMS satellite imagery
f. High resolution METRO satellite imagery
g. Polar Orbiting satellite imagery DMSP and NOAA
h. Low resolution GMS/GOES imagery
i. SSIPS NOAA/AVHRR imagery
j. PICS NOAA/AVFRR imagery
k. NODDES gridded field data
l. NODDS gridded field data
m. NEXRAD data
n. NAVO oceanographic and acoustic data

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.
A	APR 92			99	1	99	1
B	AUG 93					99	1
C	JUL 91	99	1	99	1	99	1
D	JUL 91	99	1	99	1	99	1
E	DEC 92					99	1
F	MAR 93					99	1
G	APR 92			80	20	90	10
H	SEP 91	100	0	99	1	99	1

DEFINING SYSTEMS:
A = MASSCOMP 6605/CONCURRENT (RED NODDES)
B = MASSCOMP 6605/CONCURRENT (BLACK NODDES)
C = 3B2/600G/AT&T (CLASS LAN)
D = 3B2/600G/AT&T (UNCLASS LAN)
E = MASSCOMP 6655/ CONCURRENT (NSDS-G)
F = PW 820 FDD/ UNISYS (GATEGUARD)
G = VARIOUS COMSPAWARSYSCOM SMQ-11
H = PW 820 COP/ UNISYS (ATCF)

NOTE: Other major computer systems were TAC-3 (JOTS/NITES), C3 4/330 (JOTS II) and the NEXRAD are not included in this survey. These systems were acquired in FY 1994.

3.a. 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 LAN/CONNECTED NODES

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	0	0	0	0	0	0	0	0	0
Model Validation	2	0	0	2	0	0	2	0	0
Prediction/Forecast Generation	95	4	1	95	4	1	95	4	1
Product Development[1]	3	0	0	3	0	0	3	0	0
Other:									

[1] 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							
	2							
	3	25	25	23	23	23	23	
	4	1	1	1	1	1	1	
	5							
Computer Operation and Maintenance	11	1	1	1	1	1	1	
	22	3	3	3	3	3	3	
	3	48	48.2	46.5	47	47.2	47.2	
	4	1	1	1	1	1	1	
	5							

Model Development	1	
	2	NOT APPLICABLE
	3	
	4	
	5	
Model Validation	1	
	2	NOT APPLICABLE
	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.

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TYPE OF WORK	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	FY *	
Prediction/ Forecast Generation and Distribution	11	1	1	1	1	1	1	1	
	21	1	1	1	1	1	1	1	
	330	30.2	30.6	30.7	30.8	30.9	31		
	45	1	1	1	1	1	1	1	
Product Development	11	1	1	1	1	1	1	1	
	2								
	3								
	4								
	5								
Admin & Support	11	2	2	2	2	2	2	2	
	24	5	5	5	5	5	5	5	
	32.9	3.1	3.3	3.3	3.3	3.3	3.3	3.3	3.3
	4								

	5
Product Distribution	1
	2
NOT APPLICABLE	
	3
	4
	5
Other[1]	1
	2
	3
	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.
[1]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-xx	Computer Area	7,710	7,710	7,710	7,710	7,710			
610-xx	Unclass/Class Comms	1,400	1,400	1,400	1,400	1,400			
610-xx	MOETLO	2,850	2,850	2,850	2,850	2,850			
610-xx									
610-xx									
610-xx	Other Admin Spaces	7,140	7,140	7,140	7,140	7,140			
TOTAL		19,100	19,100	19,100	19,100	19,100			

Remarks:NAVFAC P-80 DOES NOT INCLUDE ADDITIONAL S.F. WHEN MET TEAMS ARE ATTACHED TO CENTERS.

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.

a. Classified ship/Bathy collectives via circuit A427 to HMOO broadcast. Backup is circuit A426 to HMHH.

b. Automated Weather Network (AWN) ARQ to HMOO and HMHH broadcasts. No backup.

c. COMEDS circuit K4HA is a high speed circuit to AWN at Hickam AFB. No backup.

d. FFAX Broadcast circuit A121 to NCTAMS WESTPAC. No backup.

e. Joint Operational Tactical System (JOTS) circuit KBYR on trunk 6V17 to NAVPACMETOCCEN WEST Guam. Backup circuit KCSW (NSITS).

f. STU-III secure phone. There are numerous STU-III devices in the command.

g. Unsecure telephone connections with the following organizations: No backup. USCINCPAC, CINCPACFLT, COMNAVBASE, NATIONAL WEATHER SERVICE.

h. JOTS circuit KBGT to CINCPACFLT. No backup.

i. TESS 3 gridded field data circuit KBMH to NCTAMS WESTPAC. No backup.

j. MILNET link to Integrated systems Technology Center Circuit XDVA. No backup.

k. DSNET link to DDN circuit XD14. No backup.

l. TESS 3 gridded field data circuit KCJN to NCTAMS WESTPAC. Backup circuit is KBMH.

m. NITES-A/NCCS-A Integrated Tactical Environmental Subsystem (NITES) circuit BN17 is a two port trunk carrying circuits OF60 and KBYR to NAVPACMETOCCEN WEST Guam.
n. NITES line to NAVPACMETOCCEN WEST Guam circuit OF60. Backup KCSW (NITES).
o. NEXRAD data through circuit KDML to Molokai radar site. Backup is dial up capability.
p. NITES West line circuit A248 to FLENUMMETOCCEN Monterey, CA. Backup A150 (NSITS).
q. NITES line to COMASWFORPAC circuit KQ3G. No backup.
r. NSITS line to FLENUMMETOCCEN Monterey, CA circuit A150. No backup.
s. NSITS line to NAVPACMETOCCEN WEST Guam circuit KCSW. Back up circuit 6V17.

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	FY *
A.	hours	936	468	468	468	52	52	52	
B.	hours	400	400	400	400	400	400	400	
C.	msgs	1275	1260	1415	1300	1300	1300	1300	

A.= Staff support Briefings (ashore)
B.= Staff support (ie. climo packets, flag trip forecasts, environ. studies, etc)
C.= Meteorological Assist Messages

*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. Calculations for A: CINCPAC = 3 times per week x 3 hours per brief= 9 hours per week) x 52 weeks = 468 hours. Add the same for CINCPACFLT in 1989 - 468 x 2 = 936.0

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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. Twenty-four hours a day services can be requested.

Facility/Detachment: NAVPACMETOCCEN UIC: 62363

Table 8.1

Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/Day
Area/Route Forecasting	12,785	14998	9984	9750	9750	9750	9750	24
Ship/Aircraft Routing	1450	1340	858	900	900	900	900	24
Flight Forecasting	NA	NA	NA	NA	NA	NA	NA	NA
Heavy Weather Warnings	1460	1690	910	1000	1000	1000	1000	24
Navy/Joint C4I System Support	1460	1690	910	1000	1000	1000	1000	24
Pre-Deployment Briefings	15	15	20	20	20	20	20	24
Destructive Weather Briefings	250	250	250	250	250	250	250	24

Other

Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/Day
Weather briefing	49	64	67	62	58	58	61	24
QM training	39	57	51	48	44	45	46	24
AAW/ASUW Upper Air	15	20	20	24	22	24	26	24
ASW/Oceanography	8	10	9	9	5	5	5	24
Spec Ops/SOF	2	3	3	4	4	4	4	24

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. Twenty-four hours a day services can be requested.

Facility/Detachment: NAVPACMETOCCEN UIC: 62363

Table 8.1

Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/Day
Area/Route Forecasting	12,785	14998	9984	9750	9750	9750	9750	24
Ship/Aircraft Routing	1450	1340	858	900	900	900	900	24
Flight Forecasting	NA	NA	NA	NA	NA	NA	NA	NA
Heavy Weather Warnings	1460	1690	910	1000	1000	1000	1000	24
Navy/Joint C4I System Support	1460	1690	910	1000	1000	1000	1000	24
Pre-Deployment Briefings	15	15	20	20	20	20	20	24
Destructive Weather Briefings	250	250	250	250	250	250	250	24

Other

Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/Day
Weather briefing	49	64	67	62	58	58	61	24
QM training	39	57	51	48	44	45	46	24
AAW/ASUW Upper Air	15	20	20	24	22	24	26	24
ASW/Oceanography	8	10	9	9	5	5	5	24
Spec Ops/SOF	2	3	3	4	4	4	4	24

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Pre-Deployment Briefings	5	5	19	5	6	6	7	24
Post-Deployment Briefings	3	1	8	3	3	4	4	24
Ship Visits	25	33	25	25	26	27	27	24
*Climatology/ FAX Requests	12	20	15	NA	NA	NA	NA	24
Mine Counter-measures	0	0	0	1	1	1	1	24

Assumptions made for estimations/projections (for FY 95 and on):
1. Fleet optempo will remain nearly the same; however, tried to allow for ship decomissionings.
2. Projections do not reflect wartime numbers.
3. Assume continued participation in joint/multinational fleet exercises (ie. RIMPAC, Tandem Thrust, etc.)

*Climatology requests turned over to operations department in Jun 94.
FAX requests turned over to PAO in Jun 94.

Pre-Deployment Briefings	5	5	19	5	6	6	7	24
Post-Deployment Briefings	3	1	8	3	3	4	4	24
Ship Visits	25	33	25	25	26	27	27	24
*Climatology/ FAX Requests	12	20	15	NA	NA	NA	NA	24
Mine Counter-measures	0	0	0	1	1	1	1	24

Assumptions made for estimations/projections (for FY 95 and on):
1. Fleet optempo will remain nearly the same; however, tried to allow for ship decomissionings.
2. Projections do not reflect wartime numbers.
3. Assume continued participation in joint/multinational fleet exercises (ie. RIMPAC, Tandem Thrust, etc.)

*Climatology requests turned over to operations department in Jun 94.
FAX requests turned over to PAO in Jun 94.

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).
CAN SUBSTITUTE:
Naval Pacific Meteorology and Oceanography Center West, Guam
Naval Pacific Meteorology and Oceanography Facility, San Diego
Naval Numerical Meteorology and Oceanography Center, Monterey, CA

Each of the above named activities can partially substitute or backup our functions for a short time (about one week) on a contingent basis. None of them can substitute for our mission 100%, but collectively each can. The lack of manpower and capabilities precludes substitution indefinitely.

Facility/Detachment: NAVPACMETOC DET BARBER'S PT UIC: 66456

Table 8.2

Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/Day
Area/Route Forecasting	NA	NA	NA	NA	0	0	0	
Ship/Aircraft Routing	NA	NA	NA	NA	0	0	0	
Flight Forecasting		4656	3584	2500	0	0	0	24
Heavy Weather Warnings		3	3	3	0	0	0	24
Navy/Joint C4I System Support	NA	NA	NA	NA	0	0	0	
Pre-Deployment Briefings		2	2	2	0	0	0	24
Destructive Weather Briefings		6	17	10	0	0	0	24

Other Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/Day
Weather briefing		7809	4826	4500	0	0	0	24
AAW/ASUW Upper Air		711	520	350	0	0	0	24
ASW/Oceanography		2610	1793	1000	0	0	0	24
*Climatology/ FAX Requests		5	20	20	0	0	0	24

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. "Remotely manage" is understood to mean another Naval Meteorology and Oceanography command operate the facilities located here from offsight. As such, no Naval activity can remotely manage, operate or contimue the mission of the command within current technological capabilities.

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Meteorological and Oceanography Center Capacity Analysis Data Call UIC: 62363

Facility/Detachment: NAVPACMETOCFAC SAN DIEGO UIC:63037/30911

Table 8.3

Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/Day
Area/Route Forecasting	546	546	546	546	546	546	546	24
Ship/Aircraft Routing	850	810	734	675	675	675	675	24
Flight Forecasting	13,500	12,500	10,516	10,250	10,250	10,250	10,250	24
Heavy Weather Warnings	420	395	402	420	420	420	420	24
Navy/Joint C4I System Support	4	4	4	6	6	6	6	24
Pre-Deployment Briefings	60	65	70	55	50	50	50	8
Destructive Weather Briefings	30	25	20	20	20	20	20	8
Other Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/Day
Weather briefing	156	156	156	156	156	156	156	8
QM training	35	50	37	34	30	30	30	8
AAW/ASUW Upper Air	11	17	17	18	20	22	24	24
ASW/Oceanography	191	191	191	191	191	191	191	8
Spec Ops/SOF	1	0	6	8	8	8	8	24

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.
All data routes answered in question 6 apply plus:
a. Incoming teletype circuit SETW originating at Automatic Data Weather Switch at Hickam AFB, HI.
b. Incoming teletype circuit KQ1G originating at ADWS at Hickam AFB, HI.
c. Facsimile circuit SOTX from National Meteorological Center at Suitland, MD.

11. List all **unique equipments, capabilities, or facilities** etc. located at or controlled by your facility. (e.g. Switching Node, etc.)
a. MET TEAM-PROVIDES SHORT TERM, DEPLOYABLE ON-SCENE METOC CAPABILITIES TO UNITS WITHOUT ORGANIC METOC PERSONNEL.
B. ALSO INCLUDED WOULD BE NODDES, NSDSG, TESS III, BBS, OTSR, AJWT, COMET, ATCF, UNIFIED BUILD, AND MODAS.

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.
ANS: ALTHOUGH NO SITE OR FACILITY HAS IDENTICAL DATA GATHERING CAPABILITIES AND EQUIPMENT, NAVPACMETOCCEN WEST GUAM IS SIMILAR AND SERVES AS A BACKUP TO THIS STATION. LOCATED 8 TIMEZONES WEST OF PEARL HARBOR, GUAM RELIES ON SATELITE COM LINKS TO PROVIDE SUPPORT TO THE EASTERN PACIFIC UNITS. ADDITIONALLY, 100% OF THE DATA GATHERED AT PEARL HARBOR CAN ALSO BE COLLECTED AT GUAM WITH NO DATA BEING TOTALLY UNIQUE TO EITHER STATION. THE LIMITING FACTOR FOR ASSUMING DUTIES OF EITHER STATION IS COMMS AND MANNING.

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.
SEE 9b RESPONSE

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.
No Meteorology and Oceanography data is duplicated by other facilities for NAVPACMETOCCEN's area of responsibility. Unless in a backup or contingent mode, all distributed data is unique to the command consistent withe the mission.

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Meteorological and Oceanography Center Capacity Analysis Data Call UIC: ~~62363~~

Pre-Deployment Briefings	30	25	20	20	20	20	20	8
Post-Deployment Briefings	43	44	54	50	50	50	50	24
Ship Visits	60	65	70	55	50	50	50	8
*Climatology/ FAX Requests	65	65	65	65	65	65	65	24
Mine Counter-measures	0	0	2	3	3	4	4	24

All numbers, other than 1993 data, are estimated due to records only being retained on station for two years or less. FY 1995 through FY 2001 projections reflect slightly lower product requests based upon current downsizing policies.

Facility/Detachment: NAVPACMETOC DET ADAK UIC:66453

Table 8.4

Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/Day
Area/Route Forecasting	1,648	1,376	1,420	1,200	1,200	1,200	1,200	18/5
Ship/Aircraft Routing	UNK	221	228	0	0	0	0	18/5
Flight Forecasting	1,921	1,489	585	15	10	10	10	18/5
Heavy Weather Warnings	1,051	865	950	800	800	800	800	24/7
Navy/Joint C4I System Support	3	17	0	0	0	0	0	18/5
Pre-Deployment Briefings	NA	NA	NA	NA	NA	NA	NA	NA
Destructive Weather Briefings	NA	NA	NA	NA	NA	NA	NA	NA
Other (Boating Briefs)	UNK	862	729	500	200	100	50	18/5

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.
SEE 9b RESPONSE

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.
This question is only relevent for data gathering and distribution. No other DOD or non-DOD organization can substitute for data gathering and distribution functions currently assigned by Commander Naval Meteorology and Oceanography Command.

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.
ANS: GIVEN UNLIMITED FUNDING OR MANNING LIMITS, THE CAPACITY OF THIS FACILITY COULD BE GREATLY INCREASED BY VARIOUS IMPROVEMENTS. A SECOND DECK EXPANSION OF 4000 SQ FT AT AN ESTIMATED COST OF $1.75 MILL WOULD ALLOW FOR EXPANDED OPERATIONS OF SATELITE INTERPRETATION, FORECASTING, OCEAN DATA PROCESSING AND A PACIFIC HURRICANE CENTER. THE OVERHAUL OF THE AUTOMATED DATA PROCESSING SYSTEM AT A COST OF $200K WILL GREATLY IMPROVE THE CAPABILITIES OF THIS STATION KEEPING IT CURRENT WITH EVOLVING TECHNOLOGY. WITH THE ADVANCE OF ADP, A MINIMAL OF 10 ADDITIONAL DATA SYSTEMS TECHNICIANS AND ELECTRONICS TECHNICIANS, AT AN ESTIMATED COST OF $240k PER YEAR, IS REQUIRED. ALSO INCREASED SATELLITE RECEIVE CAPABILITY FOR GMS IMAGERY, TO INCLUDE RECEPTION AND PROCESSING OF RAW GMS DATA FOR THE DISPLAY AND PRINT CAPABILITY AND BACKUP. TOTAL $85K. MANNING: HIRE TWO NEW "SYSTEM EXPERTS" AT GS-11 TO INTEGRATE NEW COMPUTER SYSTEMS AND SOFTWARE ON THE WATCH FLOOR. CD ROM READERS: $1.5K. COLOR PRINTERS: $5K.

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.
ANS: NONE

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Staff Weather briefing	133	135	89	0	0	0	0	18/5
QM training	3	0	3	0	0	0	0	18/5
AAW/ASUW Upper Air	642	693	645	700	700	700	700	24/7
ASW/Oceanography	836	573	273	0	0	0	0	18/5
Spec Ops/SOF	2	2	4	0	0	0	0	18/5
Pre-Deployment Briefings	NA	NA	NA	NA	NA	NA	NA	NA
Post-Deployment Briefings	NA	NA	NA	NA	NA	NA	NA	NA
*Climatology/ FAX Requests	5	11	22	10	10	10	10	18/5
Mine Counter-measures	NA	NA	NA	NA	NA	NA	NA	NA
Ship Visits	26	9	23	0	0	0	0	18/5

Notes:
1. NAS Adak downsized to NAF on 01 July 1994.
2. NSGA Adak scheduled to decommission 30 Sep 95; NAF status still to be determined after this date.
3. TSC and NAVFAC transferred to Whidbey.
4. Current airfield hours 0900-1700 M-F.
5. Current METOC Det operating hours 2300-1700 M-F.

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.
ANS: SEE QUES. 13a.

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.
ANS: NONE

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Facility/Detachment: NAVPACMETOC DET ALAMEDA UIC:62361

Table 8.5

Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/Day
Area/Route Forecasting	490	365	1063	1020	1020	0	0	24
Ship/Aircraft Routing	310	228	132	180	121	0	0	24
Flight Forecasting	3,111	3,651	2,736	3,194	2,140	0	0	24
Heavy Weather Warnings	178	370	200	285	191	0	0	24
Navy/Joint C4I System Support	1	0	1	1	0	0	0	24
Pre-Deployment Briefings	10	0	3	3	2	0	0	24
Destructive Weather Briefings	4	0	3	3	2	0	0	24

Other Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/Day
Weather briefing (Staff/Special)	57	101	112	107	72	0	0	24
QM training	8	7	2	5	3	0	0	24
AAW/ASUW Upper Air	0	0	0	0	0	0	0	24
ASW/Oceanography	0	0	0	10	2	0	0	24
Spec Ops/SOF	0	4	2	3	2	0	0	24
Pre-Deployment Briefings	0	0	0	0	0	0	0	24
Post-Deployment Briefings	0	0	0	2	1	0	0	24

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.

NOT APPLICABLE

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

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Ship Visits	30	3	14	7	4	0	0	24
*Climatology/ FAX Requests	46	20	26	23	15	0	0	24
Mine Counter-measures	0	0	0	0	0	0	0	24

Assumptions/Calculations:

1. Assume NAS and NPMOD Alameda close in FY 97; thus, no projections on services in FY 99 or FY 01.
2. Projections for FY 95 based on past and present year's optempo (considering cessation of SRF to Moffett Field).
3. Projections for FY 97 based on average between FY 93 and FY 95, reduced by one-third due to anticipated decrease in number of operational units supported (as drawdown occurs in preparation for base closure).
4. Numbers for FY 1989 are actually FY 1990's date. The command history from 1990 is the farthest back we hold. Since command mission, customers, and operations did not change appreciably from 1989 to 1990, we are assuming the data provided is accurate. If not, delete the 1989 column as historical data is not available.

Facility/Detachment: NAVPACMETOC DET BANGOR UIC:42324

Table 8.6

Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/Day
Area/Route Forecasting	75	156	158	166	166	188	188	9.5
Ship/Aircraft Routing	NA	NA	NA	NA	NA	NA	NA	NA
Flight Forecasting	NA	NA	NA	NA	NA	NA	NA	NA
Heavy Weather Warnings	NA	NA	NA	NA	NA	NA	NA	NA
Navy/Joint C4I System Support	NA	NA	NA	NA	NA	NA	NA	NA
Pre-Deployment Briefings	25	24	22	30	32	32	32	9.5
Destructive Weather Briefings	NA	NA	NA	NA	NA	NA	NA	NA

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)[1]	Capacity (Student HRS/YR)[2]

[1] 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.

[2] Describe how the Student HRS/YR value in the preceding table was derived.

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Other Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/Day
Weather briefing (Staff/Special)	265	265	160	260	260	260	260	9.5
QM training	22	7	12	15	16	16	16	9.5
AAW/ASUW Upper Air	NA	NA	NA	NA	NA	NA	NA	NA
ASW/Oceanography	10	20	25	30	32	32	32	9.5
Ship Visits	1	7	10	30	32	32	32	9.5
*Climatology/ FAX Requests	3	1	3	3	3	3	3	9.5

Facility/Detachment: NAVPACMETOC DET CHINA LAKE UIC:66459

Table 8.7

Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/Day
Area/Route Forecasting	0	260	254	250	0	0	0	16
Ship/Aircraft Routing	35	76	122	100	0	0	0	18
Flight Forecasting	1,331	1,917	2,061	1,800	0	0	0	16
Heavy Weather Warnings	35	30	25	30	0	0	0	16
Navy/Joint C4I System Support	NA	NA	NA	NA	0	0	0	NA
Pre-Deployment Briefings	NA	NA	NA	NA	0	0	0	NA
Destructive Weather Briefings	NA	NA	NA	NA	0	0	0	NA

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.

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?

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Meteorological and Oceanography Center Capacity Analysis Data Call UIC: ~~62363~~

Other Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/Day
Weather briefing (Staff/Special)	NA	NA	3	10	0	0	0	9
*Climatology/ FAX Requests	15	17	24	35	16	0	0	16

Assumptions made for FY 95 and beyond:
a. Detachment closes FY 96
b. OPTEMPO will remain the same, but more workload will be picked up by NAWCWPNS Geophysics Division.
c. Climatology requests have picked up this year, especially with BRAC 95 concerns.

Facility/Detachment: NAVPACMETOC DET EL CENTRO UIC:35022

Table 8.8

Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/Day
Area/Route Forecasting	NA	NA	250	250	500	1,460	1,460	19
Ship/Aircraft Routing	9	4	28	34	41	50	72	19
Flight Forecasting	1,346	844	950	1,150	1,392	1,684	2,425	19
Heavy Weather Warnings	NA	NA	NA	NA	NA	NA	NA	NA
Navy/Joint C4I System Support	NA	NA	NA	NA	NA	NA	NA	NA
Pre-Deployment Briefings	NA	NA	NA	NA	NA	NA	NA	NA
Destructive Weather Briefings	NA	NA	NA	NA	NA	NA	NA	NA

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.

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?

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Other Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/Day
Weather briefing (Staff/Special)	NA	NA	5	15	25	35	45	19
*Climatology/ FAX Requests	20	15	45	50	55	66	80	19

Assumptions made for estimates/projections (for FY 95 and on):
1. Flight OPTEMPO will increase over the next seven years.
2. Projections for FY 99 and FY 2001 based on 24 hr operations.
3. Projections do not reflect wartime numbers.
4. All applicable services can be requested 19 hrs per day M-F, 14 hrs a day Sat., and upon request on Sun.
5. Normal hours of operation are: M-F 0500-2300, Sat 0500-1800, Sun closed.

Facility/Detachment: NAVPACMETOC DET MIRAMAR UIC:66472

Table 8.9

Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/Day
Area/Route Forecasting	3,650	3,650	3,650	3,650	3,650	0	0	24
Ship/Aircraft Routing	258	264	250	255	255	0	0	24
Flight Forecasting	3,998	3,836	3,104	3,050	3,000	0	0	24
Heavy Weather Warnings	16	15	23	20	20	0	0	24
Navy/Joint C4I System Support	NA	NA	NA	NA	NA	NA	NA	NA
Pre-Deployment Briefings	12	12	12	12	10	0	0	24
Destructive Weather Briefings	NA	NA	NA	NA	NA	NA	NA	NA

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?

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Other Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/Day
Instrument Ground School	48	48	48	36	24	0	0	24
*Climatology/ FAX Requests	96	145	240	150	100	0	0	24

Facility/Detachment: NAVPACMETOC DET WHIDBEY ISLAND UIC:65907

Table 8.10

Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/Day
Area/Route Forecasting	15,768	19,193	17,541	18,000	19,000	20,000	20,000	24
Ship/Aircraft Routing	660	601	468	700	700	700	700	24
Flight Forecasting	10,176	10,206	10,152	10,200	10,200	10,200	10,200	24
Heavy Weather Warnings	864	1,225	1,531	1,400	1,400	1,400	1,400	24
Navy/Joint C4I System Support	NA	NA	NA	NA	NA	NA	NA	NA
Pre-Deployment Briefings	NA	10	10	10	10	10	10	24
Destructive Weather Briefings	NA	NA	NA	10	10	10	10	12

Other Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/Day
FOPN	15,000	15,810	17,712	18,000	18,000	18,000	18,000	24
QM training	NA	NA	NA	20	40	40	40	12
AAW/ASUW Upper Air	0	0	0	0	0	0	0	24

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?

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ASW FLTS/ BRIEFS	NA	74	57	80	100	100	100	24
BOMBING RANGES	500	500	500	500	500	500	500	24
Ship Visits	NA	5	0	10	10	10	10	12
*Climatology/ FAX Requests	36	127	69	80	80	80	80	24
OPARS	NA	801	541	900	900	900	900	24
IREP/FLIR/ EOTDA	NA	49	33	300	300	300	300	24
SPECIAL EXERCISES	15	18	15	20	25	25	25	24

Facility/Detachment: NAVPACMETOC DET FALLON UIC:65902

Table 8.11

Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/Day
Area/Route Forecasting	2,566	2,564	2,567	2,565	2,565	2,565	2,565	24
Ship/Aircraft Routing	73	98	88	100	100	100	100	24
Flight Forecasting	3,370	3,877	5,388	6,000	6,500	6,500	24	24
Heavy Weather Warnings	141	138	147	145	145	145	145	24
Navy/Joint C4I System Support	0	0	0	50	50	50	50	24
Pre-Deployment Briefings	10	10	10	10	10	10	10	24
Destructive Weather Briefings	141	138	147	145	145	145	145	24

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. NOT APPLICABLE

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Other Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/Day
Weather briefing (Staff/Special)	78	31	102	120	130	130	130	24
QM training	0	0	0	0	0	0	0	0
AAW/ASUW Upper Air	140	40	160	170	170	170	170	24
*Climatology/ FAX Requests	70	47	17	30	30	30	30	24
Mine Counter-measures	0	0	0	0	0	0	0	24

Assumptions made for projections (FY 95 and later):

1. Increase in OPTEMPO anticipated beginning late FY 95 with addition of TOPGUN/CNTAW.
2. C4I System support expected starting FY 95 with installation of TESS 3/ SMQ 11 and establishment of CNTAW.

Facility/Detachment: NAVPACMETOC DET LEMOORE UIC:65903

Table 8.12

Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/Day
Area/Route Forecasting	1,326	1,207	1,100	1,200	1,250	1,250	1,250	24/7
Ship/Aircraft Routing	83	83	90	90	110	130	130	24/7
Flight Forecasting	5,636	4,996	3,574	4,000	4,500	4,600	4,600	24/7
Heavy Weather Warnings	0	2	15	25	15	15	15	24/7
Navy/Joint C4I System Support	2	2	2	2	3	4	4	24/7
Pre-Deployment Briefings	0	0	0	0	0	0	0	24/7

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

	On Base Capacity	Off base long term contract	Normal Steady State Load	Peak Demand
Electrical Supply (KWH)	NA	40,000 KVA	89 KW	133 KW
Natural Gas (CFH)	NA	NA	NA	NA
Sewage (GPD)	7,500,000	NA	2,400	2,880
Potable Water (GPD)	20,300,000	NA	3,692	4,430
Steam (lbm/Hr)	NA	NA	NA	NA
Long Term Parking	NA	NA	NA	NA
Short Term Parking	2,545 SQ YDS	NA	NA	NA

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.

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Other Services	FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	Hrs/Day
Squadron Visits	9	11	3	10	18	18	20	24/7
QM training	0	0	0	0	0	0	0	0
AAW/ASUW Upper Air	0	0	36	30	35	40	40	24/7
*Climatology/ FAX Requests	10	7	15	20	30	35	35	24/7
Electro Optics	0	0	50	100	130	160	180	24/7
Post-Deployment Local Wx Refresher Briefings	0	2	2	4	6	6	6	24/7
Instrument Ground School Briefings	5	1	25	25	25	25	25	24/7

Assumptions for FY 97 and beyond include the addition of four F-14 and four E-2C squadrons. Data has been compiled and projected in view of NAS Lemoore's predicted expansion and tempo increase. Due to the expected addition of several squadrons and an improvement in environmental products, the quantity and scope of support provided by NAVPACMETOC DET Lemoore is expected to increase in the coming years.

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 NAVPACMETOCCEN (UIC: 62363)

Fiscal Year	MRP ($M)	CPV ($M)	ACE ($M)
1985	40K	NA*	575K
1986	41K	NA*	585K
1987	42K	NA*	590K
1988	45K	4000K	600K
1989	46K	4100K	663.8K
1990	48K	4200K	502.8K
1991	45K	4300K	502.8K
1992	25K	4400K	566.9K
1993	77K	4500K	566.9K
1994	110K	4606K	499.9K
1995	153K	4710K	525K
1996	155K	4922K	535K
1997	166K	5259K	550K

* MOVED TO NEW BUILDING IN 1988, CPV PRIOR NOT APPLICABLE

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				
Supply & Storage				
Admin				
Housing				
Recreational				
Navy Forestry Program				
Navy Agricultural Outlease Program				
Hunting/Fishing Programs				
Other				
Total:				

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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

JOSEPH W. SWAYKOS
NAME (Please type of print)

COMMANDING OFFICER (ACTING)
Title

NAVPACMETOCCEN, PEARL HARBOR, HI
Activity

Joseph W. Swaykos
Signature

25 July 1994
Date

Cut for Revised pg
10-24

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

1 Aug 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

8/11/93

Title

Date

BRAC-95 CERTIFICATION

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

SHIRLEY A. MCCARTHY
Name

Shirley A. McCarthy
Signature

BUDGET OFFICER
Title

30 Jan 94
Date

Division

BUDGET
Department

NAVAL PACIFIC METEOROLOGY AND OCEANOGRAPHY CENTER
Activity

BRAC-95 CERTIFICATION

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

BARBARA L. RAPSON
Name

Barbara L Rapson
Signature

REGIONAL MANPOWER ANALYST
Title

30 JUN 94
Date

Division

REGIONAL
Department

NAVAL PACIFIC METEOROLOGY AND OCEANOGRAPHY CENTER
Activity

BRAC-95 CERTIFICATION

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

JOSEPH W. SWAYKOS
NAME (Please type or print)

COMMANDING OFFICER (ACTING)
Title

ADMINISTRATION
Division

ADMINISTRATION
Department

NAVPACMETOCCEN, PEARL HARBOR, HI
Activity

Joseph W. Swaykos
Signature

25 July 94
Date

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 W. JOREN
NAME (Please type or print)

Michael W. Joren
Signature

LEADING CHIEF PETTY OFFICER
Title

13 JULY 94
Date

Division

Department

NAVPAC METOC DET
Activity

Enclosure (1)

ACTIVITY COMMANDER

BRAC-95 CERTIFICATION

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

RICHARD J. PENTIMONTI, CAPT
Name

Signature

COMMANDING OFFICER
Title

28 June 1994
Date

Division

ADMINISTRATION
Department

NAVAL PACIFIC 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 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.

MAJOR CLAIMANT LEVEL

~~John E. Chubb, RADM, USN~~
NAME (Please type or print)

Signature

Commander
Title

5 July 94
Date

~~NAVMETOCCOM, STENNIS SPACE~~ CENTER, MS.
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)

W. A. EARNER JR
NAME (Please type or 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.

JOSEPH W. SWAYKOS, CDR
Name

Signature

EXECUTIVE OFFICER
Title

28 June 94
Date

Division

ADMINISTRATION
Department

NAVAL PACIFIC METEOROLOGY AND OCEANOGRAPHY CENTER
Activity

BRAC-95 CERTIFICATION

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

PAUL C. STEWART, LCDR
Name

Signature

TECHNICAL SERVICES OFFICER
Title

6-28-94
Date

Division

TECHNICAL SERVICES
Department

NAVAL PACIFIC METEOROLOGY AND OCEANOGRAPHY CENTER
Activity

BRAC-95 CERTIFICATION

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

MARY A. STEEVES, LT
Name

Mary Steeves
Signature

MET OFFICER
Title

28 JUN 94
Date

Division

MOBILE ENVIRONMENTAL TEAM
Department

NAVAL PACIFIC METEOROLOGY AND OCEANOGRAPHY CENTER
Activity

BRAC-95 CERTIFICATION

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

SHIRLEY A. MCCARTHY
Name

Shirley A. McCarthy
Signature

BUDGET OFFICER
Title

6/28/94
Date

Division

BUDGET
Department

NAVAL PACIFIC METEOROLOGY AND OCEANOGRAPHY CENTER
Activity

BRAC-95 CERTIFICATION

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

BARBARA L. RAPSON
Name

Barbara L Rapson, LT USN
Signature

REGIONAL MANPOWER ANALYST
Title

6/23/94
Date

Division

REGIONAL
Department

NAVAL PACIFIC METEOROLOGY AND OCEANOGRAPHY CENTER
Activity

BRAC-95 CERTIFICATION

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

Richard A. Shema
Name

RAShema, CDR USN
Signature

OPERATIONS OFFICER
Title

6/23/94
Date

Division

OPERATIONS
Department

NAVAL PACIFIC METEOROLOGY AND OCEANOGRAPHY CENTER
Activity

86

62363

MILITARY VALUE ANALYSIS

DATA CALL WORK SHEET

FOR NAVAL METEOROLOGY AND OCEANOGRAPHY CENTERS: NAVPACMETOCCEN, PEARL HARBOR, HI

PRIMARY UIC: 62363
(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 (6)

62363

Naval Meteorology and Oceanography Centers Activity Listing

Type	Title	Location
COMMANDER	COMNAVMETOCCEN	STENNIS SPACE CENTER, MS
METOCCEN	FLENUMMETOCCEN	MONTEREY, CA
METOCCEN	NAVPACMETOCCEN	PEARL HARBOR, HI
METOCCEN	NAVPACMETOCCEN WEST	GUAM
METOCCEN	NAVLANTMETOCCEN	NORFOLK, VA
NAVOCEANO	NAVOCEANO	STENNIS SPACE CENTER, MS
NAVOBSY	NAVAL OBSERVATORY	WASHINGTON, DC

62363

Data for Military Value Analysis

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- Planned investment 2
- Encroachment issues 3

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- Weather and climate 6

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Meteorology and Oceanography Center Military Value Data Call
UIC: 62363

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
SEE NAVSTA PEARL HARBOR (UIC: N62813) BRAC DATA CALL 37			

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
SEE NAVSTA PEARL HARBOR (UIC: N62813) BRAC DATA CALL 37			

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

SEE NAVSTA PEARL HARBOR (UIC: N62813) BRAC DATA CALL 37

3.a. List the **encroachments of record** at your station, base, facility or satellite locations?
Makalapa Crater is designated Class "1" property which is Navy owned. There are no encroachments of record.

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?
ANS: NAVPACMETOCCEN WAS BUILT ON A LANDFILL. DUE TO ENVIRONMENTAL CONSTRAINTS IDENTIFIED IN THE ENVIRONMENTAL IMPACT STATEMENT (EIS) IT WOULD BE COST PROHIBITIVE IF WE EXPANDED LATERALLY BY ORDER OF PACDIV. VERTICAL EXPANSION IS POSSIBLE WITH PROPER FUNDING.

3.c. Provide a description of **local zoning ordinances** which might impact on future encroachment at your station, base, facility or satellite location.
Makalapa Crater is zoned Industrial. No impact.

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.
ANS: FLEET SUPPORT USED TO PROVIDE INFORMATION TO CIVILIAN AGENCIES/PERSONNEL ON HF BROADCAST SCHEDULES. AVERAGE NUMBER OF REQUESTS FOR SUCH INFO IS APPROX 8 PER YR. THIS FUNCTION WAS TRANSFERRED TO THE PUBLIC AFFAIRS OFFICER ON 1 JUN 94 AS PART OF REALIGNMENT OF DEPARTMENT.

5. List all **inter-service support agreements (ISSAs)** that involve supporting military (non-DON) and civilian activities.
NOT APPLICABLE Table 5.1 **Non-DON Support Agreements**

Agency/ Service	Tenant name	Tenant UIC/ DODAAC	Description of Support Role	Degree of support

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.**
SEE NAVPACMETOCCEN BRAC DATA CALL #50, QUES #5.

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.
NONE

7. Describe any **administrative support facility limitations.** Describe the potential for expansion of the services that personnel support facilities provide. ANS: 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.**
ANS: NONE

8.b. List the features of this station, base, or facility that **inhibit the basing of other units.**
ANS: FACILITY IS BEING USED TO THE FULLEST EXTENT POSSIBLE AT THE CURRENT TIME. NO EXPANSION ROOM IS AVAILABLE.

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.
ANS: NONE

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.
ANS: NO RESERVE UNITS MOBILIZE TO OUR CENTER; HOWEVER, RESERVES DO TRAIN HERE FOR THEIR TWO WEEK ANUAL TRAINING (AT) PERIOD. OUR CENTER CURRENTLY HAS 27 MOBILIZATION BILLETS AND THE MET TEAM HAS 24 BILLETS.

10. Does the infrastructure meet current requirements and provide capabilities for future expansion or change in mission? Provide details.
ANS: YES, THE INFRASTRUCTURE PROVIDES FOR A SECOND DECK TO BE BUILT IF NEEDED FOR EXPANSION (SEE ER'91); HOWEVER, MANNING DOES NOT PROVIDE FOR IT AS IT IS AT THE PRESENT TIME.

11.a. In the table provide the percent of time operations are precluded due to weather. Add any further discriptions on how **weather** generally **impacts base operations** (high winds, below freezing, high temperature, or snow, fog, or other visibility restricting conditions, etc.)
NOT APPLICABLE

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:

Meteorology and Oceanography Center Military Value Data Call
UIC: 62363

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.

SEE NAVSTA PEARL HARBOR (UIC: N62813) BRAC DATA CALL 37

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									
FEB									
MAR									
APR									
MAY									
JUN									
JUL									
AUG									
SEP									
OCT									
NOV									
DEC									

Remarks:

11.c. Describe any **unique training opportunities afforded by the local climate or geography.**
Year round tropical weather analysis.

Quality of Life

12. Military Housing

SEE NAVSTA PEARL HARBOR (UIC: N62813) BRAC DATA CALL 37

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.
SEE NAVSTA PEARL HARBOR (UIC: N62813) BRAC DATA CALL 37

Pay Grade	Number of Bedrooms	Number on List[1]	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+		

[1]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.

SEE NAVSTA PEARL HARBOR (UIC: N62813) BRAC DATA CALL 37

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)?

SEE NAVSTA PEARL HARBOR (UIC: N62813) BRAC DATA CALL 37

(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?

SEE NAVSTA PEARL HARBOR (UIC: N62813) BRAC DATA CALL 37

12.b. BEQ: SEE NAVSTA PEARL HARBOR (UIC: N62813) BRAC DATA CALL 37

(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:

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

(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			
TOTAL		100	

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

12.c. BOQ: SEE NAVSTA PEARL HARBOR (UIC: N62813) BRAC DATA CALL 37

(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:

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

(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			
TOTAL		100	

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

On Base MWR Facilities SEE NAVSTA PEARL HARBOR (UIC: N62813) BRAC DATA CALL 37

13. For on-base MWR facilities[1] 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		

Spaces designated for a particular use. A single building mignt coatain several facilities, each of which should be listed spearately.

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?
SEE NAVSTA PEARL HARBOR (UIC: N62813) BRAC DATA CALL 37

15. Base Family Support Facilities and Programs
SEE NAVSTA PEARL HARBOR (UIC: N62813) BRAC DATA CALL 37

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.

SEE NAVSTA PEARL HARBOR (UIC: N62813) BRAC DATA CALL 37

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):

SEE NAVSTA PEARL HARBOR (UIC: N62813) BRAC DATA CALL 37

City	Distance (Miles)

18. Standard Rate VHA Data for Cost of Living:
SEE NAVSTA PEARL HARBOR (UIC: N62813) BRAC DATA CALL 37

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		
O6		

19.a. Off-base housing rental and purchase

SEE NAVSTA PEARL HARBOR (UIC: N62813) BRAC DATA CALL 37

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?
SEE NAVSTA PEARL HARBOR (UIC: N62813) BRAC DATA CALL 37

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.
SEE NAVSTA PEARL HARBOR (UIC: N62813) BRAC DATA CALL 37

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:

SEE NAVSTA PEARL HARBOR (UIC: N62813) BRAC DATA CALL 37

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.

SEE NAVSTA PEARL HARBOR (UIC: N62813) BRAC DATA CALL 37

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:

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.

SEE NAVSTA PEARL HARBOR (UIC: N62813) BRAC DATA CALL 37

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.
SEE NAVSTA PEARL HARBOR (UIC: N62813) BRAC DATA CALL 37

Institution	Type Classes	Program Type(s)			
		Adult High School	Vocational/ Technical	Undergra duate	Graduate
				Courses only	Degree Program
	Day				
	Night				
	Day				
	Night				
	Day				
	Night				
	Day				
	Night				

Meteorology and Oceanography Center Military Value Data Call
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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.
SEE NAVSTA PEARL HARBOR (UIC: N62813) BRAC DATA CALL 37

Institution	Type Classes	Program Type(s)			
		Adult High School	Vocational / Technical	Undergraduate Courses only	Graduate Degree Program
	Day				
	Night				
	Correspondence				
	Day				
	Night				
	Correspondence				
	Day				
	Night				
	Correspondence				
	Day				
	Night				
	Correspondence				

23. Spousal Employment Opportunities
SEE NAVSTA PEARL HARBOR (UIC: N62813) BRAC DATA CALL 37
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.
SEE NAVSTA PEARL HARBOR (UIC: N62813) BRAC DATA CALL 37

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.
SEE NAVSTA PEARL HARBOR (UIC: N62813) BRAC DATA CALL 37

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.

SEE NAVSTA PEARL HARBOR (UIC: N62813) BRAC DATA CALL 37

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			
Off Base Personnel - military			
Off 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			

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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			

ACTIVITY COMMANDER

BRAC-95 CERTIFICATION

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

RICHARD J. PENTIMONTI, CAPT
Name

Signature

COMMANDING OFFICER
Title

28 June 1994
Date

Division

ADMINISTRATION
Department

NAVAL PACIFIC 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 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.

MAJOR CLAIMANT LEVEL

John E. Chubb, RADM, USN
NAME (Please type or print)

Signature

Commander
Title

Date 8 Jul 94

NAVMETOCCOM, Stennis Space Center, MS
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)

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

Signature

Title

7/18/94
Date

Assuming NAVSTA PH BR DOES provide all missing data

BRAC-95 CERTIFICATION

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

JOSEPH W. SWAYKOS, CDR
Name

Signature

EXECUTIVE OFFICER
Title

28 June 94
Date

Division

ADMINISTRATION
Department

NAVAL PACIFIC METEOROLOGY AND OCEANOGRAPHY CENTER
Activity

BRAC-95 CERTIFICATION

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

Richard A. Shema
Name

[signature], CDR USN
Signature

OPERATIONS OFFICER
Title

6/23/94
Date

Division

OPERATIONS
Department

NAVAL PACIFIC METEOROLOGY AND OCEANOGRAPHY CENTER
Activity

BRAC-95 CERTIFICATION

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

BARBARA L. RAPSON
Name

Barbara L Rapson, LT USN
Signature

REGIONAL MANPOWER ANALYST
Title

6/28/94
Date

Division

REGIONAL
Department

NAVAL PACIFIC METEOROLOGY AND OCEANOGRAPHY CENTER
Activity

BRAC-95 CERTIFICATION

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

SHIRLEY A. MCCARTHY
Name

Shirley A. McCarthy
Signature

BUDGET OFFICER
Title

6/28/94
Date

Division

BUDGET
Department

NAVAL PACIFIC METEOROLOGY AND OCEANOGRAPHY CENTER
Activity

BRAC-95 CERTIFICATION

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

PAUL C. STEWART, LCDR
Name

Signature

TECHNICAL SERVICES OFFICER
Title

6-28-94
Date

Division

TECHNICAL SERVICES
Department

NAVAL PACIFIC METEOROLOGY AND OCEANOGRAPHY CENTER
Activity

BRAC-95 CERTIFICATION

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

MARY A. STEEVES, LT
Name

Signature

MET OFFICER
Title

28 JUNE 94
Date

Division

MOBILE ENVIRONMENTAL TEAM
Department

NAVAL PACIFIC METEOROLOGY AND OCEANOGRAPHY CENTER
Activity

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

Activity Name:	NAVPACMETOCCEN
UIC:	62363
Major Claimant:	COMNAVMETOCCOM

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.

ENCLOSURE (3)

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.

Average Appropriated Fund Civilian Salary Rate: $47,837

Source of Data (1.a. Salary Rate): Employee Records/FY-96 Budget Estimates

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			
Honolulu	HI	109		14	100	10-15	20-30
						= 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.

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: Honolulu County

Source of Data (1.b. 1) & 2) Residence Data): City of Honolulu Voter Registration Office, OPNAV 1000/2 Manpower Authorizations, Public Works Center Human Resources Office, Pearl Harbor, HI.

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)
Honolulu	Honolulu	0*

*Activity located within the City and County of Honolulu

Source of Data (1.c. Metro Areas): City and County map of Honolulu and Oahu, HI

Note: The city of Honolulu is the only major metropolitan city on the island of Oahu, HI. NAVPACMETOCCEN is a tenant activity located at Pearl Harbor, HI. Distance is computed from the applicable base.

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		
20 - 24 Years		
25 - 34 Years	1	7
35 - 44 Years	6	43
45 - 54 Years	6	43
55 - 64 Years	1	7
65 or Older		
TOTAL	14	100 %

Source of Data (1.d.) Age Data): Personnel Records

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.

Last School Year Completed	Number of Employees	Percentage of Employees
8th Grade or less		
9th through 11th Grade		
12th Grade or High School Equivalency	2	14
1-3 Years of College	7	50
4 Years of College (Bachelors Degree)	4	29
5 or More Years of College (Graduate Work)	1	7
TOTAL	14	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").

Degree	Number of Civilian Employees
Terminal Occupation Program - Certificate of Completion, Diploma or Equivalent (for areas such as technicians, craftsmen, artisans, skilled operators, etc.)	
Associate Degree	2
Bachelor Degree	4
Masters Degree	1
Doctorate	

Source of Data (1.e.1) and 2) Education Level Data): Employee Reports

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
1. Agriculture, Forestry & Fishing	01-09	0	0
2. Construction (includes facility maintenance and repair)	15-17	0	0
3. Manufacturing (includes Intermediate and Depot level maintenance)	20-39		
3a. Fabricated Metal Products (include ordnance, ammo, etc.)	34		
3b. Aircraft (includes engines and missiles)	3721 et al		
3c. Ships	3731		
3d. Other Transportation (includes ground vehicles)	various		
3e. Other Manufacturing not included in 3a. through 3d.	various		
Sub-Total 3a. through 3e.	20-39	0	0
4. Transportation/Communications/Utilities	40-49		
4a. Railroad Transportation	40		

4b. Motor Freight Transportation & Warehousing (includes supply services)	42		
4c. Water Transportation (includes organizational level maintenance)	44		
4d. Air Transportation (includes organizational level maintenance)	45		
4e. Other Transportation Services (includes organizational level maintenance)	47		
4f. Communications	48	2	14
4g. Utilities	49		
Sub-Total 4a. through 4g.	40-49	2	14
5. Services	70-89		
5a. Lodging Services	70		
5b. Personal Services (includes laundry and funeral services)	72		
5c. Business Services (includes mail, security guards, pest control, photography, janitorial and ADP services)	73	4	29
5d. Automotive Repair and Services	75		
5e. Other Misc. Repair Services	76		
5f. Motion Pictures	78		
5g. Amusement and Recreation Services	79		
5h. Health Services	80		
5i. Legal Services	81		
5j. Educational Services	82		
5k. Social Services	83		

5l. Museums	84		
5m. Engineering, Accounting, Research & Related Services (includes RDT&E, ISE, etc.)	87		
5n. Other Misc. Services	89	6	43
Sub-Total 5a. through 5n.:	70-89	10	71
6. Public Administration	91-97		
6a. Executive and General Government, Except Finance	91		
6b. Justice, Public Order & Safety (includes police, firefighting and emergency management)	92		
6c. Public Finance	93	2	14
6d. Environmental Quality and Housing Programs	95		
Sub-Total 6a. through 6d.		2	14
TOTAL		14	100 %

Source of Data (1.f.) Classification By Industry Data): Employee Records and Position Descriptions

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
1. Executive, Administrative and Management	2	14.3
2. Professional Specialty		
2a. Engineers		
2b. Architects and Surveyors		
2c. Computer, Mathematical & Operations Research	3	21.4
2d. Life Scientists	2	14.3
2e. Physical Scientists		
2f. Lawyers and Judges		
2g. Social Scientists & Urban Planners		
2h. Social & Recreation Workers		
2i. Religious Workers		
2j. Teachers, Librarians & Counselors		
2k. Health Diagnosing Practitioners (Doctors)		
2l. Health Assessment & Treating(Nurses, Therapists, Pharmacists, Nutritionists, etc.)		

2m. Communications	2	14.3
2n. Visual Arts		
Sub-Total 2a. through 2n.:	7	50
3. Technicians and Related Support		
3a. Health Technologists and Technicians		
3b. Other Technologists	1	7.1
Sub-Total 3a. and 3b.:	1	7.1
4. Administrative Support & Clerical	3	21.5
5. Services		
5a. Protective Services (includes guards, firefighters, police)		
5b. Food Preparation & Service		
5c. Dental/Medical Assistants/Aides		
5d. Personal Service & Building & Grounds Services (includes janitorial, grounds maintenance, child care workers)	1	7.1
Sub-Total 5a. through 5d.	1	7.1
6. Agricultural, Forestry & Fishing		
7. Mechanics, Installers and Repairers		
8. Construction Trades		
9. Production Occupations		
10. Transportation & Material Moving		
11. Handlers, Equipment Cleaners, Helpers and Laborers (not included elsewhere)		
TOTAL	14	100 %

Source of Data (1.g.) Classification By Occupation Data): Employee Records and Positions Descriptions

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.
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.

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:	58%
2. Percentage of Military Spouses Who Work Outside of the Home:	67%
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:	45%
3b. Employed "On-Base" - Non-Appropriated Fund:	5%
3c. Employed "Off-Base" - Federal Employment:	0%
3d. Employed "Off-Base" - Other Than Federal Employment	50%

Source of Data (1.h.) Spouse Employment Data): Survey of the Command

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.

a. Table A: Ability of the <u>local community</u> 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	A	A	B
Schools - Public	A	B	C
Schools - Private	A	B	C
Public Transportation - Roadways	A	B	B
Public Transportation - Buses/Subways	A	A	B
Public Transportation - Rail	N/A	N/A	N/A
Fire Protection	A	A	A
Police	A	A	A
Health Care Facilities	A	A	A
Utilities:	A	A	A
Water Supply	A	A	A
Water Distribution	A	A	A
Energy Supply	A	A	A
Energy Distribution	A	A	A
Wastewater Collection	A	B	B
Wastewater Treatment	A	B	B
Storm Water Collection	A	B	B
Solid Waste Collection and Disposal	B	B	B
Hazardous/Toxic Waste Disposal	A	A	A

Recreational Activities	A	A	A

Remember to mark with an asterisk any categories which are wholly supported on-base.
* Utilities are provided to NAVPACMETOCCEN by Naval Station Pearl Harbor, HI on a reimbursable basis.

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.
Schools- Public/Private. Growth will require substantial investment in community infrastructure. The present school facilities are "land locked" and are unable to expand without acquisition of new land, construction of new facilities and hiring additional staff.

Source of Data (2.a. 1) & 2) - Local Community Table):
City & County of Honolulu, Department of General Planning - Planning Information Branch
State Department of Education, Office of Information Resource Management Branch
City & County of Honolulu, Honolulu Fire Department
City & County of Honolulu, Honolulu Polic Department
Honolulu Public Transit Authority, Bus System - Operations & Marketing Branch
State Department of Transportation - Highways Division
Health Care Association of Hawaii - Legislation and Medical Care Information
City & County of Honolulu Board of Water Supply
Hawaiian Electric Company
Navy Public Works Center, Pearl Harbor
City & County of Honolulu - Wastewater Management Division
City & County of Honolulu - Environmental Engineer Office
City & County of Honolulu - Department of Parks & Recreation

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.

Not Applicable, City & County of Honolulu is the only county to be considered.

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

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

Recreation Facilities

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

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.
Not Applicable

Source of Data (2.b. 1) & 2) - Regional Table):

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: 3.9%

Units for Sale: 1.3% (Homeowner vacancy rate)

Source of Data (3.a. Off-Base Housing):
U.S. Department of Commerce
Bureau of the Census
"Housing Vacancies and Homeownership Annual Statistics: 1993"
Current Housing Reports

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	
Central	Honolulu	61	7	16	46,900	79,900	1:40	1:40	Yes

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

Source of Data (3.b.1) Education Table): Estimated data computed from verbal contact with local school personnel

2) Are there any on-base "Section 6" Schools? If so, identify number of schools and current enrollment.
Not Applicable

Source of Data (3.b.2) On-Base Schools):
Naval Supply Systems Command (NAVSUP 0311)

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 Hawaii at Monoa
Hawaii Pacific University
Chaminade University
Brigham Young University
Hawaii Loa College
Central Michigan University (Extension)
Troy State University (Extension)
Honolulu Community College
Kapiolani Community College
Leeward Community College
Embry-Riddle Aeronautical University
Hawaii-Pacific University
Wayland Baptist University
University of Oklahoma (Extension)

Source of Data (3.b.3) Colleges): GTE Hawaiian Tel Yellow Pages, NAVPACMETOCCEN Education Services Officer and Career Counselor

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: For Business, Secretarial, Computer, Travel, Accounting and Broadcasting cirriculums: Cannon Business College, Devry Institute of Technology, Denver Business College, Hawaii Business College, Travel Institute of the Pacific, and Columbia School of Broadcasting. For Medical, Dental, and Massage: Medical Assistant School of Hawaii and All Hawaiian School of Massage. For Beauty and Bartending: Hawaii Institute of Hair Design, Hollywood Beauty College and Bartending Academy of Hawaii.
Data source list 9 pages of schools/instruction from pre-school through elementary, middle and high school to undergraduate and graduate (thru PhD level) university studies, and in a wide variety of disciplines (aircraft, art, barber, beauty, correspondence, dressmaking, language, massage, modeling, nursing, real-estate, religion, broadcasting, secretarial, theatre, dental and medical assistant/technician, special education, handicap workers, technical, trade, music, and trucking are some of the disciplines available in the local community.)

Source of Data (3.b.4) Vo-tech Training): GTE Hawaiian Tel Yellow Pages 1993-1994 Directory, Office of the Superintendent, Department of Education, State of Hawaii

c. **Transportation.**

1) Is the activity served by public transportation?

	Yes	No
Bus:	X	
Rail:		X
Subway:		X
Ferry:		X

(Ferry landings exist at Naval Station Pearl Harbor, but serve the military and DOD work force only)

Source of Data (3.c.1) Transportation): GTE Hawaiian Tel Yellow Pages

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.

No railroad exists

Source of Data (3.c.2) Transportation): N/A

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 Honolulu International Airport is located approximately 2.5 miles from NAVPACMETOCCEN

Source of Data (3.c.3) Transportation): City and County of Honolulu Map

4) How many carriers are available at this airport?

23 signatory airlines (with airport lessees). At least 22 other nonlessees.

Source of Data (3.c.4) Transportation): State Department of Transportation, Airport Division, Fiscal Office

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

The State of Hawaii, island of Oahu, does not have a true Interstate highway system. H-1/H-2/H-3 are multi-lane, divided, limited access highways which serve a significant portion of the local population. The distance from NAVPACMETOCCEN to the nearest highway access is approximately 1 mile.

Source of Data (3.c.5) Transportation): City and County Map of Honolulu

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.)

Access to the base is from two main road systems, with a variety of options for reaching those two main roads. Comprehensive traffic studies conducted in 1973, 1978, and 1979 recommended improvements to the roads in the surrounding area to improve traffic flow. Roads are adequately maintained and are congested only during peak periods.

b) Do access roads transit residential neighborhoods? Yes

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

There are no easements. The land adjacent to the access roadways is government owned.

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

There are no man-made barriers.

Source of Data (3.c.6) Transportation): Department of Transportation, Highways Division

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.

NAVPACMETOCCEN has no agreement for services with the local community. These services are provided in accordance with the Interservice Support Agreement (ISA) by Naval Station Pearl Harbor, SUBBASE Pearl Harbor, and Pearl Harbor Public Works Center.

Source of Data (3.d. Fire/Hazmat): ISA N62813-93224-162 of 24 Jun 94

e. **Police Protection.**

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

NAVPACMETOCCEN does not provide police protection. This service is provided by Naval Station Pearl Harbor Security in accordance with the ISA.

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.

Not Applicable

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

NAVPACMETOCCEN has no agreement for services with local community. These services are provided in accordance with the ISA by Naval Station Pearl Harbor. ISA N62813-93224-162 of 24 Jun 94.

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.

Not Applicable

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

Source of Data (3.e. 1) - 5) - Police): ISA N62813-93224-162 of 24 Jun 94.

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.

NAVPACMETOCCEN has no agreement with the local community. NAVPACMETOCCEN negotiates with Naval Station Pearl Harbor and Pearl Harbor Public Works Center for these services. Naval Station Pearl Harbor has an agreement for services from the local community.

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.

Not Applicable

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.

Not Applicable

Source of Data (3.f. 1) - 3) Utilities): Naval Station Pearl Harbor, HI, Pearl Harbor Public Works Center, and NAVPACMETOCCEN Utilities Records.

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.Castle and Cook	Agriculture	51,000
2.GTE Hawaiian Telephone	Utilities	4,185
3.Bancorp Hawaii	Banking	4,162
4.Hawaiian Electric	Utilities	3,300
5.Alexander and Baldwin	Finance	3,123
6.First Hawaiian Bank	Banking	2,300
7.DFS Hawaii	Commercial Sales	1,300
8.Pacific Resources	Fuel	1,215
9.Hawaiian Medical Association	Insurance	1,100
10.Naval Station Pearl Harbor	Government	552*

* Denotes Civilian personnel only
Source of Data (4. Business Profile): State of Hawaii Data Book, Table 439

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:
According to First Hawaiian Bank Research Department and the Hawaii State Government, Department of Labor & Industrial Relations, Research & Statistics Office there has been no loss of major employers. (Note: Most of the major loss occurred on the Big Island (outside the City & County of Honolulu). Over 700 workers were laid off at the Hamakua Sugar Company and Hilo Coast Processing Company. However, there continues to be a general decline in agriculture production (pineapple and sugar). Developments in the sugar industry shows signs of accelerating decline with projected closure of Oahu Sugar Company and Wailua Sugar Company during 1995. A few large retail outlets have closed (Gibsons, Home Improvement) and new ones have emerged (K-Mart, Sam's Club, Ross's and factory outlets in Waikele Center).

b. Introduction of New Businesses/Technologies:
There has been a decrease in the start of new domestic corporations, particularly in the service industry.
According to the Hawaii State Government, Department of Labor & Industrial Relations, Research & Statistics Office, there are no new businesses or technologies projected. Except for a Tech Park (super computer international network) on Maui (outside the City and County of Honolulu). Honolulu County can except a few new retail outlets.

c. Natural Disasters:
Although the island of Oahu has not had any significant problems over the past five years, Hurricane INIKI caused some damage along the coastal areas of the island in September 1992. Hurricane season occurs each year in the Eastern North Pacific, with maximum storm formation occuring from April to September. Impact with the island could cause extensive disruption in power, water, and transportation, as well as create wide-spread damage.

d. Overall Economic Trends:
According to First Hawaiian Bank Research Department, Hawaii's economy is experiencing a number of optimistic developments:
(1) A surge in the visitor industry during the first quarter of 1994 raised hopes that the three year tourism slump was finally at an end. Westbound and eastbound traffic were strong; with westbound overnight or longer visitors up 3.3% in February, the best year to year increase in 41 months.

(2) Although total construction continues to decline, several isolated but highly visible nonresidential projects are currently underway.

(a) The Hawaiian Center, a 27 story building will add about 379,000 rentable square feet of office space to downtown Honolulu and inject an estimated $120 million into the state's lagging construction sector.

(b) The Aloha Tower Marketplace, $100 million redevelopment will initially include a 190,000 square foot low-rise shopping and dining complex, with eventual development of a masterplan for 3-5 million square foot of hotel, office, condominium and maritime uses space.

(c) The Kapolei area, which accounts for 8% of the land on the island, is planning growth to include a balance of residential, commercial, industrial, resort and agricultural sectors. 2,000 added new jobs are anticipated.

(3) With rising resales for both single family and condominium units, the Oahu real estate market appears to have begun a gradual upswing.

(4) Although the state unemployment rate is still below the national average, the gap is slowly closing.

(5) The biggest story in agriculture for Honolulu has been the rapid decline in the fortunes of the sugar industry. Projected closure of Oahu Sugar and Waialua Sugar Company in 1995 would result in over 20,000 acres of available land. On the positive side, this night be a good opportunity for additional housing and nonagricultural development.

Source of Data (5. Other Socio/Econ):
Hawaii State Government, Department of Labor & Industrial Relations Research & Statistics Office, Hawaii's Labor Market in Review 1992
First Hawaiian Bank Research Department, Economic Indicators May/June 1994
Bank of Hawaii Economics Department Annual Economic Report Vol 43 Hawaii 1993 (Jan 1994)
City & County of Honolulu, Oahu Civil Defense Agency (Civil Defense Records - to incluse litigation, reports, task reports, engineering reports, etc.)

6. Other. Identify any contributions of your activity to the local community not discussed elsewhere in this response.
None

Source of Data (6. Other):

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

Joseph W. Swaykos
NAME (Please type of print)

Executive Officer (Acting CO)
Title

NAVPACMETOCCEN, PEARL HARBOR, HI
Activity

Joseph Swaykos
Signature

12 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

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.

BARBARA L. RAPSON
Name

Barbara L Rapson
Signature

REGIONAL MANPOWER ANALYST
Title

30 JUN 94
Date

Division

REGIONAL
Department

NAVAL PACIFIC METEOROLOGY AND OCEANOGRAPHY CENTER
Activity

BRAC-95 CERTIFICATION

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

SHIRLEY A. MCCARTHY
Name

Shirley A. McCarthy
Signature

BUDGET OFFICER
Title

30 Jan 94
Date

Division

BUDGET
Department

NAVAL PACIFIC METEOROLOGY AND OCEANOGRAPHY CENTER
Activity

BRAC-95 CERTIFICATION

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

JOSEPH W. SWAYKOS, CDR
Name

Signature

EXECUTIVE OFFICER
Title

12 July 94
Date

Division

ADMINISTRATION
Department

NAVAL PACIFIC METEOROLOGY AND OCEANOGRAPHY CENTER
Activity

S6

DATA CALL 66
INSTALLATION RESOURCES

Activity Information:

Activity Name:	NAVPACMETOCCEN
UIC:	N62363
Host Activity Name (if response is for a tenant activity):	NS PEARL HARBOR
Host Activity UIC:	N62813

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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INSTALLATION RESOURCES

Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)			
Activity Name: NAVPACMETOCCEN		**UIC: N62363**	
Category	**FY 1996 BOS Costs ($000)**		
	Non-Labor	**Labor**	**Total**
1. Real Property Maintenance Costs:			
1a. Maintenance and Repair	227	0	227
1b. Minor Construction	38	0	38
1c. Sub-total 1a. and 1b.	265	0	265
2. Other Base Operating Support Costs:			
2a. Utilities	102	0	102
2b. Transportation	19	0	19
2c. Environmental	90	0	90
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	860	246	1106
2j. Other (Specify)	0	0	0
2k. Sub-total 2a. through 2j:	1071	246	1317
3. Grand Total (sum of 1c. and 2k.):	1336	246	1582

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:

Appropriation	Amount ($000)
O&M,N	**1,582**

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

Table 1B - Base Operating Support Costs (DBOF Overhead)			
Activity Name: NAVPACMETOCCEN (NON-DBOF ACTIVITY)		UIC: N62363	
Category	FY 1996 Net Cost From UC/FUND-4 ($000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
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
1c. Sub-total 1a. through 1d.	N/A	N/A	N/A
2. Other Base Operating Support Costs:			
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
2m. Sub-total 2a. through 2l:	N/A	N/A	N/A
3. Depreciation	N/A	N/A	N/A
4. Grand Total (sum of 1c., 2m., and 3.) :	N/A	N/A	N/A

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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.

Table 2 - Services/Supplies Cost Data

Activity Name: NAVPACMETOCCEN	**UIC: N62363**
Cost Category	**FY 1996 Projected Costs ($000)**
Travel:	45
Material and Supplies (including equipment):	83*
Industrial Fund Purchases (other DBOF purchases):	1396
Transportation:	78
Other Purchases (Contract support, etc.):	620
Total:	2222**

* Includes DBOF and Non-DBOF.
** Includes costs region-wide.

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.

Table 3 - Contract Workyears	
Activity Name: NAVPACMETOCCEN	**UIC: N62363**
Contract Type	**FY 1996 Estimated Number of Workyears On-Base**
Construction:	0
Facilities Support:	0
Mission Support:	0
Procurement:	0
Other:*	0
Total Workyears:	0

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

NAVPACMETOCCEN Pearl Harbor (N62363) as a Regional Center, also includes the budget data for NAVPACMETOCCEN WEST Guam (N61685).

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

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

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)

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DATA CALL 63
FAMILY HOUSING DATA

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

Installation Name:	NAVWESTOCEANCEN PEARL HARBOR H
Unit Identification Code (UIC):	N62363
Major Claimant:	COMNAVOCEANCO

Percentage of Military Families Living On-Base:	78%
Number of Vacant Officer Housing Units:	0
Number of Vacant Enlisted Housing Units:	0
FY 1996 Family Housing Budget ($000):	$348
Total Number of Officer Housing Units:	11
Total Number of Enlisted Housing Units:	26

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.

Enclosure (1)

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)

Signature

COMMANDER
Title

7/20/94
Date

NAVAL FACILITIES ENGINEERING COMMAND
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)

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

Signature

Title

7/25/94
Date

DATA CALL 63
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 that the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

L. R. PYLANT, CAPT, CEC, USN
NAME

Signature

Acting Commander
Title

15 July 1994
Date

Pacific Division
Naval Facilities Engineering Command
Activity

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CAPACITY ANALYSIS:
DATA CALL WORK SHEET FOR
ENGINEERING FIELD DIVISION/ACTIVITY: EFA NORTHWEST, Silverdale, WA
ACTIVITY UIC: N44255

Category ..... Operational Support
Sub-category .... NAVFACENGCOM Engineering Field Divisions

NAVFACENGCOM ENGINEERING FIELD DIVISION/ACTIVITY

EFD	LOCATION	CITY STATE
NORTHERN DIVISION	PHILADELPHIA	PHILADELPHIA PA
SOUTHERN DIVISION	CHARLESTON	CHARLESTON SC
ATLANTIC DIVISION	NORFOLK	NORFOLK VA
ENGINEERING FIELD ACTIVITY CHESAPEAKE	WASHINGTON	WASHINGTON DC
WESTERN DIVISION	SAN BRUNO	SAN BRUNO CA
PACIFIC DIVISION	HONOLULU	HONOLULU HI
SOUTHWESTERN DIVISION	SAN DIEGO	SAN DIEGO CA
ENGINEERING FIELD ACTIVITY NORTHWEST	SILVERDALE	SILVERDALE WA

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Primary UIC: N44255

1a. Historical and Projected Expenditures:

Information required	FY1991		FY1992		FY1993		FY1994		FY1995	
	Budget $K	WY	Budget $K	WY	Budget $K	WY	Budget $K	WY	Budget $K	WY
TOTAL FOR EFD/EFA	6338	106	6850	109	13525	200	14709	212	15120	212

Information required	FY1996		FY1997		FY1998		FY1999		FY2000		FY2001	
	Budget $	WY	Budget $	WY	Budget $	WY	Budget $K	WY	Budget $K	WY	Budget $	WY
TOTAL FOR EFD/EFA	15779	215	16480	218	16740	215	17003	212	17512	212	18534	212

2a. EFD/EFA Staffing.

Staffing	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Military	3	3	26	25	24	23	21	20	20	20	20
Civilian	106	109	212	212	212	218	218	212	212	212	212
Contractors (i.e.temp-orary, term employees)	0	0	0	0	0	0	0	0	0	0	0
TOTALS	109	112	238	237	236	241	239	232	232	232	232

3a. Historical and Projected Workloads - Provide the measurement indicators listed below for FY1991-1994 in table 1c. and 1d. on the following page.

Design and Construction: Work in Place - Provide total WIP (in K$) for income bearing projects. Include construction, repair and FSC contracts.

Design and Construction: Work in Place - Provide total WIP (in K$) for non-income bearing projects. Include Minor Construction, Repair and FSC.

Design and Construction: Program Execution - Provide total dollar design value of design completed and construction awarded for MCON, MCNR, BRACON and FHN.

Utilities and Energy: Provide dollar value of utility expenditures for the year.

Environmental: Provide dollar values of award for DERA, Compliance,HA, and BRAC Environmental.

Real Estate: Provide Navy Class I and II Plant Account (CPV of their customers), Total Acreage of their customers, and No of Leases Managed (i.e. outleasing, forestry, geothermal, etc).

Facilities Management Support: No. of customers, served; No of bases served; Current Plant Value supported in $K; and Total acreage supported.

Contract Support: Total dollar volume of contract awarded and changes executed.; Total number of contracts executed.

Family Housing: Total number of housing units and dollar value of program execution (FHN, O&MN)

BRAC: Total number of bases to be closed or realigned under EFD/EFA cognizance and number of offices/WYs assigned to caretaker support operations.

Bachelor Housing Management: Provide in house expenditures against program execution of BOQ operations in dollars.

Facilities Planning: Total number of bases/installations served by this EFD/EFA; Dollar volume of EA/EISs awarded for the fiscal year; Other support provided in $K (i.e. studies).

Transportation: Number of CESE units managed.

Revised page

UIC: N44255

3b. EFD/EFA Historical Workload Indicators: Summary Table. (R 1 Aug 1994)

Measurement Area	Measurement Indicator	Unit	FY1991	FY1992	FY1993	FY1994
Design and Construction	Work in Place, income bearing	$K	133795	136574	109827	130798
	Work in Place, non-income bearing	$K	85920	69411	78291	65225
	Design Completed + Construction Awarded	$K	38018	20800	70903	121179
Utilities/Energy	Utility Expenditures	$K	None	None	None	None
Environmental	DERA (R)	$K	35200	21000	52000	73300
	Compliance (R)	$K	1100	4440	5030	9600
	HA (R)	$K	80	1100	480	0
	BRAC Environmental	$K	0	220	540	1541
Real Estate	CPV	$M	6839	6962	7087	7243
	Total Acreage	Acres	152535	152535	152595	152604
	No of Leases	#	593	608	652	698
Facilities Management Support	No of Customers	#	34	34	34	34
	No of bases served	#	34	34	34	34
	CPV	$M	6939	6962	7087	7243
	Total acreage	#	152535	152535	152595	152604
Contract Support	Contract value	$K	179000	158000	174000	250000
	Contracts awarded	#	7292	5864	6145	6900
Family Housing	Housing Units	#	BY EFD WEST	BY EFD WEST	BY EFD SWEST	BY EFD SWEST
	Program Execution	$K				

Note: CPV unit of measure is $M for Real Estate and Facilities Management Support data, based on P-164, Sep 1992, escalated 1,8% per year, with NAVSTA Everett MILCON added.

Contract value unit of measure is $K for Contract value data. Real Estate numbers include all vehicles.

UIC: N44255

3b. EFD/EFA Historical Workload Indicators: Summary Table.

Measurement Area	Measurement Indicator	Unit	FY1991	FY1992	FY1993	FY1994
Design and Construction	Work in Place, income bearing	$K	133795	136574	109827	130798
	Work in Place, non-income bearing	$K	85920	69411	78291	65225
	Design Completed + Construction Awarded	$K	~~34562~~ Jm 38018	~~18909~~ Jm 20800	~~64457~~ Jm 70903	~~110163~~ Jm 121179
Utilities/Energy	Utility Expenditures	$K	None	None	None	None
Environmental	DERA	$K	35200	21000	52000	65300
	Compliance	$K	1100	4440	5030	9600
	HA	$K	0	0	0	0
	BRAC Environmental	$K	0	215	540	1541
Real Estate	CPV	$M	6839	6962	7087	7243
	Total Acreage	Acres	152535	152535	152595	152604
	No of Leases	#	593	608	652	698
Facilities Management Support	No of Customers	#	34	34	34	34
	No of bases served	#	34	34	34	34
	CPV	$M	6939	6962	7087	7243
	Total acreage	#	152535	152535	152595	152604
Contract Support	Contract value	$	179000	158000	174000	250000
	Contracts awarded	#	7292	5864	6145	6900
Family Housing	Housing Units	#	BY EFD WEST	BY EFD WEST	BY EFD SWEST	BY EFDSW
	Program Execution	$K				

Jerry L. Welsh
NAVFAC 90C
07/12/94

Note: CPV unit of measure is $M for Real Estate and Facilities Management Support data, based on P-164, Sep 1992, escalated 1,8% per year, with NAVSTA Everett MILCON added. Contract value unit of measure is $K for Contract value data. Real Estate numbers include all vehicles.

UIC: N44255

3b. EFD/EFA Historical Workload Indicators: Summary Table. (con't)

Measurement Area	Measurement Indicator	Unit	FY1991	FY1992	FY1993	FY1994
BRAC	Bases Closed/Realign.	#	3	3	3	8
	CSO Offices	#	0	0	0	0
	CS WY	WY	0	0	0	0
Bachelor Housing Management	BOQ Program	$K	N/A	N/A	N/A	BY EFD SWEST
Facilities Planning	Bases/Installations	#	34	34	34	34
	EA/EIS volume	$K	227	606	367	979
	Other support	$K	113	227	159	155
Transportation	CESE Units	#	N/A	N/A	N/A	N/A
Other (specify)						

Note: Bases Closed/Realigned includes Realignment projects at NAVSTA Everett, NAVSUBASE Bangor and Closure of NAVSTA Puget Sound (Sandpoint) for FY 91-93; Realignment projects at NAS Whidbey Island, NAVSHIPYD Puget Sound, NAVSTA Everett, and NAVSUBASE Bangor, New Base at NRC Helena MT, and Closures of PERA(CV) Bremerton and NRC's Great Falls and Missoula for FY 94.
Bases/Installations for Facilities Planning is based on CL II Property holders, plus all NAVRESCEN's.

UIC: N44255

3b. EFD/EFA Historical Workload Indicators: Summary Table. (con't)

Measurement Area	Measurement Indicator	Unit	FY1991	FY1992	FY1993	FY1994
BRAC	Bases Closed/Realign.	#	3	3	3	8
	CSO Offices	#	0	0	0	0
	CS WY	WY	0	0	0	0
Bachelor Housing Management	BOQ Program	$K	N/A	N/A	N/A	BY EFD SWEST
Facilities Planning	Bases/Installations	#	34	34	34	34
	EA/EIS volume	$K	227	606	367	979
	Other support	$K	113	227	159	155
Transportation	CESE Units	#	By EFDPAC	By EFDPAC	By EFDPAC	By EFDPAC
Other (specify)						

Note: Bases Closed/Realigned includes Realignment projects at NAVSTA Everett, NAVSUBASE Bangor and Closure of NAVSTA Puget Sound (Sandpoint) for FY 91-93; Realignment projects at NAS Whidbey Island, NAVSHIPYD Puget Sound, NAVSTA Everett, and NAVSUBASE Bangor, New Base at NRC Helena MT, and Closures of PERA(CV) Bremerton and NRC's Great Falls and Missoula for FY 94.
Bases/Installations for Facilities Planning is based on CL II Property holders, plus all NAVRESCEN's.

Revised pg

UIC: N44255

3c. EFD/EFA PLANNED WORKLOAD INDICATORS: SUMMARY TABLE. (R 1 AUG 1 994)

MEASUREMENT AREA	MEASUREMENT INDICATOR	UNIT	FY 1 995	FY 1 996	FY 1 997
DESIGN AND CONSTRUCTION	WORK IN PLACE, INCOME BEARING	$K	1 96000	1 88000	1 20000
	WORK IN PLACE, NON-INCOME BEARING	$K	55000	62000	56000
	DESIGN COMPLETED + CONSTRUCTION AWARDED	$K	50709	37400	1 8000
UTILITIES/ENERGY	UTILITY EXPENDITURES	$K	N/A	N/A	N/A
ENVIRONMENTAL	DERA	$K	73300	72300	61 000
	COMPLIANCE)	$K	1 5000	20000	25000
	HA	$K	21 0	0	0
	BRAC ENVIRONMENTAL	$K	1 0800 (INCLUDES $1 OM LEAD ABATEMENT)	21 0	0
REAL ESTATE	CPV	$M	7422	7622	7556
	TOTAL ACREAGE	ACRES	1 52604	1 52331	1 52331
	NO OF LEASES	#	600	596	596

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Measurement Area	Measurement Indicator	Unit	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Design and Construction	Work in Place, income bearing	$K	195,800	NA					
	Work in Place, non-income bearing	$K	55,000	NA					
	Design Completed + Construction Awarded	$K	~~46,099~~ 50,709	NA					
Utilities/Energy	Utility Expenditures	$K	NA	NA					
Environmental	DERA	$K	56,200	NA					
	Compliance	$K	20,000	NA					
	HA	$K	0	NA					
	BRAC Environmental	$K	802	NA					
Real Estate	CPV	$M	7,422	NA					
	Total Acreage	Acres	152,604	NA					
	No of Leases	#	600	NA					

Jerry L. Wolf
NAVFAC 90C
07/12/94

Revised pg

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Measurement Area	Measurement Indicator	Unit	FY 1995	FY 1996	FY 1997
Facilities Management Support	No of Customers	#	34	32	30
	No of bases served	#	34	32	30
	CPV	$M	7422	7621	7556
	Total acreage	#	152604	152331	152331
Contract Support	Contracts	$K	308000	243000	222000
	Contracts Awarded	#	7000	6800	6500
Family Housing	Housing Units	#	BY EFDSW	BY EFD SW	BY EFD SW
	Program Execution	$K	BY EFDSW	BY EFD SW	BY EFD SW
BRAC	Bases Closed/Realign.	#	8	7	7
	CSO Offices	#	0	1	1
	CS WY	WY	0	6	6
Bachelor Housing Management	BOQ Program	$K	BY EFDSW	BY EFD SW	BY EFD SW
Facilities Planning	Bases/Installations	#	34	32	30
	EA/EIS volume	$K	300	1000	400

UIC: N44255

Measurement Area	Measurement Indicator	Unit	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Facilities Management Support	No of Customers	#	34	Not Available					
	No of bases served	#	34	Not Available					
	CPV	$M	7422	Not Available					
	Total acreage	#	152604	Not Available					
Contract Support	Contracts	$	270000	Not Available					
	Contracts Awarded	#	7000	Not Available					
Family Housing	Housing Units	#	BY EFDS W	Not Available					
	Program Execution	$K	BY EFDS W	Not Available					
BRAC	Bases Closed/Realign.	#	8	Not Available					
	CSO Offices	#	0	Not Available					
	CS WY	WY	0	Not Available					
Bachelor Housing Management	BOQ Program	$K	BY EFDS W	Not Available					
Facilities Planning	Bases/Installations	#	34	Not Available					
	EA/EIS volume	$K	300	Not Available					

	Other support	$K	172	Not Available					
Transportation	CESE Units	#	N/A	Not Available					
Other (specify)			N/A	Not Available					

Note: Bases Closed/Realigned includes Realignment projects at NAVSTA Everett, Note:CPV unit of measure is $M for Real Estate and Facilities Management Support data, based on P-164, Sep 1992, escalated 1,8% per year, with NAVSTA Everett MILCON added.

Contract value unit of measure is $K for Contract value data.

NAVSUBASE Bangor and Closure of NAVSTA Puget Sound (Sandpoint) for FY 91-93; Realignment projects at NAS Whidbey Island, NAVSHIPYD Puget Sound, NAVSTA Everett, and NAVSUBASE Bangor, New Base at NRC Helena MT, and Closures of PERA(CV) Bremerton and NRC's Great Falls and Missoula for FY 94.
Bases/Installations for Facilities Planning is based on CL I Property holders, plus all NAVRESCEN's.

3d. Changes to space, personnel, or mission.
FY 1988
In January 1988, this command was known as Pacific Northwest Branch Office (PACNORWESTBRO), Western Division, Naval Facilities Engineering Command and occu;pied 14,022 S.F. of office space in 3505 N.W. Anderson Hill Road, Silverdale. This office space has been occupied from 1988 to present (1994).

Due to growth of staff and function, from 1987 to 10 Jun 1992, the PACNORWESTBRO. Code 09E Environmental Management Department, occupied an additional 1,801 S.F. in a small office building adjacent to the main offices in 3505 N.W. Anderson Hill Road. This office space was vacated in 1992 because the building was sold and the new owner wanted the space.

In October 1988, this command was redesignated as OICC Northwest, as we were assigned local execution of the MCON Program in the Northwest Region. Code 02, Contracting Office, received responsibility for BOS contracting, field oversite for issuing warrents, PMR, Claims and Terminations, unlimited contracting authority, and support for Amchitka Island.

FY 1989
In September 1989, the name of this command was changed to Engineering Field Activity Northwest (EFA Northwest) in recognition of an expanded role in the areas of environmental protection, hazardous waste management, and planning and real estate.

3d. Changes to space, personnel, or mission. (con't)
Due to further growth of existing functions, it was necessary for EFA Northwest Code 09P, Planning and Real Estate Department, to relocate from Silverdale. From May 1989 to 10 June 1992 Code 09P occupied 2,261 S.F. of office space in Building 1009 at SUBASE Bangor.

FY 1991
In 1991 EFA Northwest went through a downsizing and RIFed one position. At this time the TRIDENT II Upgrade Program (D-5) was cancelled and MCON design responsibility was taken back by EFDWEST.

FY 1992
In 1992 EFA Northwest was assigned responsibility for all MCON and BRACCON, except Everett, in the EFA Northwest footprint. Also, EFA Northwest became the command exercising authority over ROICC's Adak, Everett, Northwest Area, Whidbey Island, and other ROICC's as addigned with the EFA Northwest AOR. Family Housing Management transferred from EFDWEST to EFDSWEST.

From 10 June 1992 to present (1994) the office space occupied adjacent to 3505 N.W. Anderson Road offices and the SUBASE Bangor offices were located to 11,619 S.F. of office space at 1040 Hostmark Street in Poulsbo, WA.

FY 1993
On 1 October 1993 EFA Northwest becan reporting to EFDSWEST vice EFDWEST.

Due to continuing expansion of environmental responsibilities, particularly the DERA Program and Environmental Compliance Programs, including contracting, environmental design, legal counsel, natural resources, and administrative support (from 8 personnel in 1988 to 50 direct and 22 support personnel in 1994).

FY 1994
From 1 Nov 1993 to present (1994) 5,716 S.F. was occupied at 1050 Hostmark Street in Poulsbo. EFA Northwest command and staff, Counsel, and the Service/Environmental Contracts Support Division transferred from 3505 N.W. Anderson Hill Road in Silverdale to the Poulsbo offices.

In 1994 EFA Northwest was assigned BRAC Caretaker responsibility for NAVSTA Puget Sound (Sandpoint). This responsibility will actually start in October 1995.

FY 1995
Currently scheduled for occupance in October 1994 is 42,674 S.F. of office space in the Creekside Building in Poulsbo. This office building will permit consolidation of all EFA Northwest offices currently located in Silverdale and Poulsbo (3 buildings) into a single two-story structure.

UIC: N44255

3e. Are there any known future changes to mission or support requirements?

Beginning in Ocober 1995 EFA Northwest will begin Caretaker responsibilities for NAVSTA Puget Sound (Sandpoint). This responsiblity is planned to continue through September 1996.

4a. Customer Base The table below identifies major customers as reflected by FY 1993 resource allocations. A major customer is defined as an activity that represents (a) 5% or more of your total cost, or (b) one for which you provided 5% or more of your direct workyears.

Table 1.1: **Customer Base**

Customer/UIC	Customer location	# Direct Workyears
FISC Bremerton/Manchester	Bremerton, WA	7
NAS Adak	Adak, AK	27
NAS Whidbey Island	Oak Harbor, WA	21
NAVHOSP Bremerton	Bremerton, WA	5
NOC Det Port Hadlock	Hadlock, WA	8
NRS(T) Jim Creek	Oso, WA	7
NS Everett	Everett, WA	24
NSB Bangor	Bangor, WA	26
NSY Puget Sound	Bremerton, WA	33
NUWCD Keyport	Keyport, WA	16
All Others		26
	TOTAL	200

4b. Identify any **specialized, unique or peculiar characteristics** about the facilities, equipment, or skills at your activity. Highlight those that are one of a kind within the DON/DoD.

EFA Northwest has no capabilities not available at other EFSs/EFAs.

4c. Proximity to Customers In the table below indicate the distance, in road-miles, from main complex to your major customers as identified in Table 2a. Also, indicate the distance, in road-miles, of your nearest ROICC office/facility to each major customers.

Table 10.1: **Customer Locations**

Major Customer	Distance to:		Comments
	Main Complex (miles)	Nearest ROICC Office (miles)	
FISC Bremerton/Manchester	30	0	
NAS Adak	2800	0	Via Anchorage
NAS Whidbey Island	55	0	Via 20 minute ferry
NAVHOSP Bremerton	17	5	
NAVSTA Everett	40	0	Via 30 minute ferry
NOC Det Port Hadlock	25	25	
NRS(T) Jim Creek	70	30	Via 30 minute ferry
NSY Puget Sound	17	0	
NUWCD Keyport	8	3	
SUBASE Bangor	5	0	

4d. For the customer activity which is furthest from your location, what is the distance from main complex and average driving time to that activity?

Activity name: NAS Adak

Distance: 2800 miles
Driving Time: N/A minutes
or Flying Time: 8 hours

Activity name: NAS Whidbey Island

Distance: 55 miles
Driving Time: 90 minutes
or Flying Time: N/A hours

4e What is the closest DON activity that is not serviced by you?

Activity name: NAS Fallon

Distance: 850 miles
Driving Time: N/A minutes
or Flying Time: 1.7 hours

UIC: N44255

4f. Identify the closest non-DoN DoD activity that is serviced by another EFD/EFA.

Activity name: Travis AFB

Distance: 870 miles
Driving Time: N/A minutes
or Flying Time: 1.6 hours

5. Describe the owned or occupied administrative space, including any space available for expansion. Do not include field offices that you are not the plant account owner.

Building number/location	Owned or occupied/ leased	Installation Space			
		Adequate	Substandard	Inadequate	Total
Creekside, Poulsbo, WA	leased	42,674 S.F.			42,674 S.F.
TOTAL		42,674 S.F.			42,674 S.F.

6a. **Expansion Potential**. Describe space available for expansion, if any, for those spaces for which your are plant account holder. Provide SF, estimated cost.

None.

6b. What are the appropriate expansion uses of the available space?

None.

6c. Are there any constraints such as parking, utilities, other environmental concerns that limit the potential for using available space by adding or expanding functions at this site?

No.

7. Describe any mobilization responsibilities that your activity may be assigned and discuss your capability to carry out assigned mobilization tasks.

None.

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)

Signature

COMMANDER

Title

7/7/94
Date

NAVAL FACILITIES ENGINEERING COMMAND
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)

J. B. GREENE, JR.

NAME (Please type or print)

Signature

ACTING

Title

12 JUL 1994
Date

UIC: N44255

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. F. WALSH, CAPT, CEC, USN
NAME (Please type or print)

Signature

Commanding Officer
Title

Date

Engineering Field Activity
Activity

UIC: N44255

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

NEXT ECHELON LEVEL (if applicable)

R. C. LEWIS
NAME (Please type or print)

Signature

Commanding Officer (Acting)
Title

6.24.94
Date

Southwest Divison, 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

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

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)

Signature

COMMANDER
Title

8/11/94
Date

NAVAL FACILITIES ENGINEERING COMMAND
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

UIC: N44255

DATA CALL # 57

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.F. WALSH	[signature]
NAME (PLEASE TYPE OR PRINT)	SIGNATURE
CAPT, CEC, USN	1 AUG 94
TITLE	DATE
EFA, NW	
ACTIVITY	

Data Call #57, Question 3c.
EFA Northwest

UIC N68711

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

NEXT ECHELON LEVEL (if applicable)

T. E. GUNN, CAPT, CEC, USN
NAME (Please type or print)

Signature

Commanding Officer
Title

8/5/94
Date

SOUTHWESTNAVFACENGCOM
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.

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)

J. B. GREENE, JR.
NAME (Please type or print)

Signature

ACTING
Title

18 AUG 1994
Date

88

EFA NW Revision

DATA CALL 66
INSTALLATION RESOURCES

Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)

Activity Name: ENGINEERING FIELD ACTIVITY NORTHWEST **UIC:** N44255

Category	FY 1996 BOS Costs ($000)			
	Non-Labor	Labor	Total	
1. Real Property Maintenance Costs:				
1a. Maintenance and Repair	0	0	0	
1b. Minor Construction	0	0	0	
1c. Sub-total 1a. and 1b.				
2. Other Base Operating Support Costs:				
2a. Utilities	0	0	0	
2b. Transportation	0	0	0	
2c. Environmental	0	0	0	
2d. Facility Leases	700	0	700	R
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	0	0	0	
2j. Other (Specify)	0	0	0	
2k. Sub-total 2a. through 2j:	700	0	700	R
3. Grand Total (sum of 1c. and 2k.):	700	0	700	R

2R 11-23-94

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DATA CALL 66
INSTALLATION RESOURCES

Activity Information:

Activity Name:	NAVAL FACILITIES ENGINEERING COMMAND, NORTHWEST ENGINEERING FIELD ACTIVITY
UIC:	N62476
Host Activity Name (if response is for a tenant activity):	
Host Activity UIC:	

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.

EFA Northwest... 88 08 Sept. 9R

Primary UIC: N44255

1a. Historical and Projected Expenditures:

Information required	FY1991		FY1992		FY1993		FY1994		FY1995	
	Budget $K	WY	Budget $K	WY	Budget $K	WY	Budget $K	WY	Budget $K	WY
TOTAL FOR EFD/EFA	6,338	106	6850	109	13525	200	14709	212	15120	212

Information required	FY1996		FY1997		FY1998		FY1999		FY2000		FY2001	
	Budget $	WY	Budget $	WY	Budget $	WY	Budget $K	WY	Budget $K	WY	Budget $	WY
TOTAL FOR EFD/EFA	15779	215	16480	218	16740	215	17003	212	17512	212	18534	212

2a. EFD/EFA Staffing. (Main EFA) Revised

Staffing	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Military	3	3	3	3	3	3	3	3	3	3	3
Civilian	106	102	165	165	165	168	168	165	165	165	165
Contractors	0	0	0	0	0	0	0	0	0	0	0
TOTALS	109	105	168	168	168	171	171	168	168	168	168

2a. EFD/EFA Staffing. (Satellite Offices - RSICCs) Revised

Staffing	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Military	0	0	23	22	21	20	18	17	17	17	17
Civilian	0	7	47	47	47	50	50	47	47	47	47
Contractors	0	0	0	0	0	0	0	0	0	0	0
TOTALS	0	7	70	69	68	70	68	64	64	64	64

EFA NW

DATA CALL 66
INSTALLATION RESOURCES

Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)			
Activity Name: NAVAL FACILITIES ENGINEERING COMMAND, NORTHWEST ENGINEERING FIELD ACTIVITY		UIC: N62476	
Category	FY 1996 BOS Costs ($000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
1a. Maintenance and Repair	34		34
1b. Minor Construction			
1c. Sub-total 1a. and 1b.	34		34
2. Other Base Operating Support Costs:			
2a. Utilities	80		80
2b. Transportation			
2c. Environmental			
2d. Facility Leases	205		205
2e. Morale, Welfare & Recreation			
2f. Bachelor Quarters			
2g. Child Care Centers			
2h. Family Service Centers			
2i. Administration			
2j. Other (Physical Security)	14		14
2k. Sub-total 2a. through 2j:	299		299
3. Grand Total (sum of 1c. and 2k.):	333		333

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:

Appropriation	Amount ($000)

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..

N/A [signature]
1251
8-1-94

DATA CALL 66
INSTALLATION RESOURCES

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

N/A [illegible]
1251
8-1-94

R

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.

Table 2 - Services/Supplies Cost Data

Activity Name: ENGINEERING FIELD ACTIVITY NORTHWEST	**UIC:** N44255
Cost Category	**FY 1996 Projected Costs ($000)**
Travel:	
Material and Supplies (including equipment):	
Industrial Fund Purchases (other DBOF purchases):	
Transportation:	
Other Purchases (Contract support, etc.):	700 R
Total:	700 R

5 R 11-23-94

Revised pg

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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.

Table 2 - Services/Supplies Cost Data[1]	
Activity Name: NAVAL FACILITIES ENGINEERING COMMAND, NORTHWEST ENGINEERING FIELD ACTIVITY	UIC: ~~N62476~~ 44550
Cost Category	FY 1996 Projected Costs ($000)
Travel:	
Material and Supplies (including equipment):	
Industrial Fund Purchases (other DBOF purchases):	
Transportation:	
Other Purchases (Contract support, etc.):	333 R
Total:	333 R

[1] Travel, Material and Supplies, Industrial Fund Purchases, and Transportation costs are not included in OBOS in the Engineering Field Divisions. These costs are accounted for in Field Operations and support of the Navy's MRP program.

revised 11-Aug-94

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.

Table 2 - Services/Supplies Cost Data	
Activity Name:	UIC:
Cost Category	FY 1996 Projected Costs ($000)
Travel:	
Material and Supplies (including equipment):	
Industrial Fund Purchases (other DBOF purchases):	
Transportation:	
Other Purchases (Contract support, etc.):	
Total:	

N/A [signature]
1251
8-1-94

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.

Table 3 - Contract Workyears	
Activity Name:	UIC:
Contract Type	FY 1996 Estimated Number of Workyears On-Base
Construction:	
Facilities Support:	
Mission Support:	
Procurement:	
Other:*	
Total Workyears:	

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

N/A [signature]
1251
8-1-94

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)):

2) Estimated number of workyears which would be eliminated:

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):

N/A [signature]
1251
8-1-94

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.)

No. of Additional Contract Workyears Which Would Be Relocated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)

N/A [signature]
1251
8-1-94

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)

Signature

COMMANDER
Title

7/22/94
Date

NAVAL FACILITIES ENGINEERING COMMAND
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)

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

Signature

Title

8/3/94
Date

BRAC-95 CERTIFICATION

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

WAYNE R. GRUPE
NAME (Please type or print)

Wayne R Grupe
Signature

DIRECTOR
Title

7/13/96
Date

PROGRAMS
Division

N/A
Department

NAVAL FACILITIES ENGINEERING COMMAND
Activity

Revision pg 5

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)

Jack Buffington
Signature

COMMANDER
Title

8/11/94
Date

NAVAL FACILITIES ENGINEERING COMMAND
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)

J. B. GREENE, JR.
NAME (Please type or print)

J B Greene Jr
Signature

ACTING
Title

18 AUG 1994
Date

Revision pg 5

BRAC-95 CERTIFICATION

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

W. R. GRUPE
NAME (Please type or print)

Wayne R Grupe
Signature

PROGRAM DIVISON DIRECTOR

Title

8/11/94
Date

Division

Department

NAVFACENGCOM
Activity

R

BRAC-95 CERTIFICATION
DATA CALL 66 REVISED 22 NOV 94

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.F. Walsh
NAME (Please type or print)

Signature

Capt, CEC USN
Title

23 Nov 94
Date

Engineering Field Activity, Northwest
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)

Signature

COMMANDER
Title

11/23/94
Date

NAVAL FACILITIES ENGINEERING COMMAND
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)

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

Signature

Title

12/14/94
Date

R

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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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.

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

ACTIVITY COMMANDER

D.F. Walsh
NAME (Please type or print)

Signature

Capt, CEC USN
Title

21 Jan 94
Date

Engineering Field Activity, Northwest
Activity

GR

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)

Jack Buffington
Signature

COMMANDER
Title

11/28/94
Date

NAVAL FACILITIES ENGINEERING COMMAND
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)

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

W A Earner
Signature

Title

12/14/94
Date

88

DATA CALL 63
FAMILY HOUSING DATA

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

Installation Name:	EFA NW BREMERTON WA
Unit Identification Code (UIC):	N44255
Major Claimant:	NAVFAC

Percentage of Military Families Living On-Base:	20 20.3% CW
Number of Vacant Officer Housing Units:	0
Number of Vacant Enlisted Housing Units:	0
FY 1996 Family Housing Budget ($000):	~~8.3~~ 9.4 CW
Total Number of Officer Housing Units:	~~0~~ 5 CW
Total Number of Enlisted Housing Units:	~~1~~ 0 CW

Line 4, Percentage of Military Families Living on Base, is taken from DD Form 1377.
Lines 7-9, represents the activitys' "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 7 personnel entitled to BAQ W/Dependents out of a complex total of 8287 personnel entitled to BAQ W/Dependents.

There are 121 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.

CW 7/13

Enclosure (1)

Chris Ward
7/13/94
NAVFAC 52 Jad

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)

Signature

COMMANDER
Title

7/20/94
Date

NAVAL FACILITIES ENGINEERING COMMAND
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)

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

Signature

Title

7/25/94
Date

BRAC-95 CERTIFICATION

Reference: SECNAV NOTE 11000 of 8 Dec 93

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

SOUTHWESTNAVFACENGCOM

THOMAS E. GUN
Name (Please type or print)

Signature

COMMANDING OFFICER
Title

7/13/94
Date

Activity Identifier UIC N44255

DATA CALL 1: GENERAL INSTALLATION INFORMATION

1. ACTIVITY:

Official name	Engineering Field Activity Northwest, Naval Facilities Engineering Command, Silverdale, WA
Acronym(s) used in correspondence	ENGFLDACT NW
Commonly accepted short title(s)	EFA NORTHWEST

- Complete Mailing Address

  Engineering Field Activity, Northwest
  Naval Facilities Engineering Command
  3505 NW Anderson Hill Rd.
  Silverdale WA 98383-9130

- PLAD
  ENGFLDACT NW SILVERDALE WA

- PRIMARY UIC: 44255 (Plant Account UIC for Plant Account Holders)

- ALL OTHER UIC(s): N/A

2. PLANT ACCOUNT HOLDER:

- Yes ____ No __X__ (check one)

Activity Identifier UIC N44255

3. ACTIVITY TYPE:

- HOST COMMAND:

  Yes ____ No __X__ (check one)

- TENANT COMMAND:

  - Yes ____ No __X__ (check one)

  - Primary Host (current) UIC: N/A
  - Primary Host (as of 01 Oct 1995) UIC: N/A _
  - Primary Host (as of 01 Oct 2001) UIC: N/A _

- INDEPENDENT ACTIVITY:

  - Yes __X__ No ____ (check one)

4. SPECIAL AREAS:

Name	Location	UIC
NONE		

Activity Identifier UIC N44255

5. DETACHMENTS:

Name	UIC	Location	Host name	Host UIC
ROICC ADAK	55252	ADAK AK	NAS ADAK	60462
ROICC BREMERTON	44255	NAVSHIPYD BREMERTON	PUGET SOUND NAVAL SHIPYARD	68436
ROICC EVERETT	44865	EVERETT WA	NAVSTA PUGET SOUND	00255
ROICC SILVERDALE	44255	SILVERDALE WA	SUBASE BANGOR	68436
ROICC WHIDBEY ISLAND	44254	OAK HARBOR WA	NAS WHIDBEY ISLAND	00620

6. BRAC IMPACT:

BRAC 88, 91, 93 - EFA Northwest will assume BRAC Caretaker responsibility for NAVSTA Puget Sound (Sandpoint) upon operational closure in October 1995.

Activity Identifier UIC N44255

7. MISSION:

Current Missions

1. Provide planning, design, construction, and repair of public works and public utilities, special facilities, acquiring and disposing of real estate for the Navy in the Northwestern United States.

2. Advise and assist in the administration of facilities management resources.

3. Provide shore facilities planning service, environmental planning, environmental technical Assistance, environmental compliance evaluation, environmental policy coordination and project management.

4. Navy environmental cleanup and restoration program manager for activities within our area of responsibility.

5. Provide contract support for facility support contracts.

6. Assist activities in the application of programs assigned to NAVFACENGCOM for technical or management direction.

7. Designated command to perform caretaker and disposal actions for BRAC 88, 91 and 93 Navy BRAC closed bases.

8. Additionally, EFA Northwest reports to the Commander, Naval Base, Seattle for area coordination.

Projected Missions for FY 2001

1. Same as current mission.

2. Caretaker and disposal agent for BRAC 95 Navy BRAC closed bases.

Activity Identifier UIC N44255

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

1. Single agent for planning, design, and construction for the Navy and Marine Corps in the Northwestern United States.

2. Single agent for acquiring and disposing and managing of real estate for the Navy and Marine Corps in the Northwestern United States.

3. Single agent for shore facilities planning service, environmental planning, environmental technical assistance, environmental policy coordination, and installation restoration program management for the Navy and Marine Corps in the Northwestern United States.

4. Single agent for contract support for facilities support contracts for the Navy and Marine Corps in the Northwestern United States.

5. Designated command to perform caretaker and disposal actions for BRAC 88, 91 and 93 Navy BRAC closed bases in the Northwestern United States.

6. No National Command authority or classified mission responsibilities.

Projected Unique Missions for FY 2001

1. Same as current unique mission.

9. IMMEDIATE SUPERIOR IN COMMAND (ISIC):

• Operational name	UIC
SOUTHWESTNAVFACENGCOM	N68711
• Funding Source	UIC
Same	Same

Activity Identifier UIC N44255

10. PERSONNEL NUMBERS:

On Board Count as of 01 January 1994

	Officers	Enlisted	Civilian
(Appropriated)			
• Reporting Command (Includes ROICC's)	24	3	215
• Tenant (total)	None	None	None

Authorized Positions as of 30 September 1994

	Officers	Enlisted	Civilian
(Appropriated)			
• Reporting Command	22	3	246
• Tenants (total)	None	None	None

11. KEY POINTS OF CONTACT (POC):

Title/Name	Office	Fax	Home
• Commanding Officer			
D. F. WALSH	(206)396-6923	(206)396-6999	(206)373-8730
• Duty Officer			
None			
• BRAC Coordinator			
DALE C. RUDOLPH	(206)396-4976	(206)396-7929	(206)697-1033
* Comptroller			
LYLA M. MOORE	(206)476-4672	(206)476-0452	(206)613-0113
* Planning & Real Estate Dept. Hd.			
JAMES F. BRYANT	(206)396-5976	(206)396-7929	(206)698-4871

Activity Identifier UIC N44255

12. TENANT ACTIVITY LIST:

- Tenants residing on main complex (shore commands)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
None				

- Tenants residing on main complex (homeported units.)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
None				

- 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
None					

- Tenants (Other than those identified previously)

Tenant Command Name	UIC	Location	Officer	Enlisted	Civilian
None					

Activity Identifier UIC N44255

13. REGIONAL SUPPORT:

Activity name	Location	Support function (include mechanism such as ISSA, MOU, etc.)
FISC PUGET SOUND	BREMERTON WA	Full Mission Services
NAS ADAK	ADAK AK	Full Mission Services
NAS WHIDBEY ISLAND	OAK HARBOR WA	Full Mission Services
NAVAIRRES WHIDBEY ISLAND	OAK HARBOR WA	Full Mission Services
NAVAL ADMIN UNIT	IDAHO FALLS ID	Full Mission Services
NAVAL & MARINE CORPS RESERVE CENTER	BILLINGS MT	Full Mission Services
NAVAL & MARINE CORPS RESERVE CENTER	GREAT FALLS MT	Full Mission Services
NAVAL & MARINE CORPS RESERVE CENTER	YAKIMA, WA	Full Mission Services
NAVBASE SEATTLE	SEATTLE WA	Full Mission Services
NAVCOMMSTA PUGET SOUND	SILVERDALE WA	Full Mission Services
NAVHOSP BREMERTON	BREMERTON WA	Full Mission Services
NAVFAC WHIDBEY ISLAND	OAK HARBOR, WA	Full Mission Services

Activity Identifier UIC N44255

NAVRESCEN	ANCHORAGE AK	Full Mission Services
NAVRESCEN	BOISE ID	Full Mission Services
NAVRESCEN	BREMERTON, WA	Full Mission Services
NAVRESCEN	BUTTE MT	Full Mission Services
NAVRESCEN	EUGENE OR	Full Mission Services
NAVRESCEN	EVERETT WA	Full Mission Services
NAVRESCEN	MEDFORD OR	Full Mission Services
NAVRESCEN	MISSOULA MT	Full Mission Services
NAVRESCEN	PORTLAND OR	Full Mission Services
NAVRESCEN	RICHLAND WA	Full Mission Services
NAVRESCEN	SPOKANE WA	Full Mission Services
NAVRESCEN	TACOMA WA	Full Mission Services
NAVSECGRU	ADAK AK	Full Mission Services
NAVSHIPYD PUGET SOUND	BREMERTON WA	Full Mission Services
NAVSTA PUGET SOUND	EVERETT WA	Full Mission Services
NWSC CARDEROCK DIV ACOUSTIC RESEARCH DET	BAYVIEW ID	Full Mission Services
NUWC KEYPORT	KEYPORT WA	Full Mission Services
PERA (CV)	BREMERTON WA	Full Mission Services
SUBASE BANGOR	SILVERDALE WA	Full Mission Services
TRIREFFIT BANGOR	SILVERDALE WA	Full Mission Services

Activity Identifier UIC N44255

TRITRAFAC BANGOR	SILVERDALE WA	Full Mission Services

Activity Identifier UIC N44255

14. FACILITY MAPS:

- Local Area Map. "See attached."

- Installation Map / Activity Map / Base Map / General Development Map / Site Map. N/A. EFA Northwest is located in 3 leased facilities, one in Silverdale and two in Poulsbo.

- Aerial photo(s). N/A

- Air Installations Compatible Use Zones (AICUZ) Map. N/A

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)

Signature

COMMANDER

6/29/94

Title

Date

NAVAL FACILITIES ENGINEERING COMMAND
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)

J. B. GREENE, JR.

NAME (Please type or print)

Signature

ACTING

06 JUL 1994

Title

Date

ACTIVITY IDENTIFIER UIC N44255

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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ACTIVITY COMMANDER

D. F. WALSH, CAPT, CEC, USN

NAME (Please type or print)

Signature

Commanding Officer

Title

22 JUN 94

Date

Engineering Field Activity

Activity

ACTIVITY IDENTIFIER UIC N44255

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

NEXT ECHELON LEVEL (if applicable)

R. C. LEWIS

NAME (Please type or print)Signature

Commanding Officer (acting)

TitleDate

Southwest 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

NAME (Please type or print)Signature

TitleDate

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

TitleDate

DEPARTMENT OF THE NAVY
COMMANDER
NAVAL METEOROLOGY AND OCEANOGRAPHY COMMAND
1020 BALCH BOULEVARD
STENNIS SPACE CENTER, MS 39529-5005

11000
Ser 5/167
07 JUN 1994

FIRST ENDORSEMENT on NAVOBSY ltr 11000 Ser FM/191 of 3 Jun 94

From: Commander, Naval Meteorology and Oceanography Command
To: Chief of Naval Operations (N441)

Subj: DATA CALL NUMBER THIRTY THREE

1. Forwarded for continuing action.

2. COMNAVMETOCCOM points of contact are CDR Robert Garrett, DSN 485-4233/Commercial (601) 688-4233 or Mr. Joseph Peek, DSN 485-5994/Commercial (601) 688-5994.

J. E. CHUBB

Copy to:
CNO (N096)

DEPARTMENT OF THE NAVY
U.S. NAVAL OBSERVATORY
3450 MASSACHUSETTS AVE. N.W.
WASHINGTON, D.C. 20392-5420

IN REPLY REFER TO
11000
Ser FM/191
3 Jun 94

From: Superintendent, U.S. Naval Observatory
To: Chief of Naval Operations (N441)
Via: Commander, Naval Meteorology and Oceanography Command (Code N513)

Subj: DATA CALL NUMBER THIRTY THREE

Ref: (a) COMNAVMETOCCOM ltr 11000 Ser 5/119 of 28 APR 94

Encl: (1) Environmental Data Call with Attached Certification

1. Pursuant to reference (a), enclosure (1) is forwarded. If additional information is required, please contact my Staff Civil Engineer, LT Darius Banaji (202) 653-1845.

R. E. BLUMBERG

ENVIRONMENTAL DATA CALL:
DATA CALL TO BE SUBMITTED TO
ALL NAVY/MARINE CORPS HOST ACTIVITIES

20 APRIL 1994

BRAC 1995 ENVIRONMENTAL DATA CALL:
All Navy/Marine Corps Host Ativities

INDEX

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ENVIRONMENTAL DATA CALL

Responses to the following questions provide data that will allow an assessment of the potential environmental impact associated with the closure or realignment of a Navy shore activity. This criterion consists of:

- Endangered/Threatened Species and Biological Habitat
- Wetlands
- Cultural Resources
- Environmental Facilities
- Air Pollution
- Environmental Compliance
- Installation Restoration
- Land/Air/Water Use

As part of the answers to these questions, a *source citation* (e.g., 1993 base loading, 1993 base-wide Endangered Species Survey, 1993 letter from USFWS, 1993 Base Master Plan, 1993 Permit Application, 1993 PA/SI, etc.) must be included. It is probable that, at some point in the future, you will be asked to provide additional information detailing specifics of individual characteristics. In anticipation of this request, supporting documentation (e.g., maps, reports, letters, etc.) regarding answers to these questions should be retained. Information needed to answer these questions is available from the cognizant EFD Planning and Real Estate Divisions, and Environment, Safety, and Health Divisions; and from the activity Public Works Department, and activity Health Monitoring and Safety Offices.

For purposes of the questions associated with land use at your base is *defined* as *land* (acreage owned, withdrawn, leased, and controlled through easements); *air* (space controlled through agreements with the FAA, e.g., MOAs); *and water* (navigation channels and waters along a base shoreline) *under the control of the Navy*.

Provide a list of the tenant activities with UICs that are covered in this response.

1. ENDANGERED/THREATENED SPECIES AND BIOLOGICAL HABITAT

1a. For federal or state listed endangered, threatened, or category 1 plant and/or animal species on your base, complete the following table. Critical/sensitive habitats for these species are designated by the U. S. Fish and Wildlife Service (USFWS). A species is present on your base if some part of its life-cycle occurs on Navy controlled property (e.g., nesting, feeding, loafing). Important Habitat refers to that number of acres of habitat that is important to some life cycle stage of the threatened/endangered species that is not formally designated.

SPECIES (plant or animal)	Designation (Threatened/ Endangered)	Federal/ State	Critical / Designated Habitat (Acres)	Important Habitat (acres)
example: Haliaeetus leucocephalus - bald eagle	*threatened*	*Federal*	*25*	*0*
*Euphorbia [Chamaesyce] garberi - Garber's spurge	threatened	State	-	**
*Euphorbia [Chamaesyce] deltoidea ssp - deltoid spurge	endangered	State	-	**
*Amorpha crenulata - crenulate lead-plant	endangered	State	-	**
*Galactia smallii - Small's milk-pea	endangered	State	-	**
*Polygala smallii - Tiny polygala	endangered	State	-	**

***Plant species are located at Naval Observatory Time Service Substation, Miami, Florida.**
****Source citation does not list acreage.**
Source Citation: **USNO, Fish and Wildlife Resources Report, 1983, Section 5, Page 14. NOTSS natural resources plan, March 1994, Part 1, page E-4. NOFS Master Plan, Sept 1985, page 5-11.**

1b.

Have your base operations or development plans been constrained due to: - USFWS or National Marine Fisheries Service (NMFS)? - State required modifications or constraints? If so, identify below the impact of the constraints including any restrictions on land use.	**No**
Are there any requirements resulting from species not residing on base, but which migrate or are present nearby? If so, summarize the impact of such constraints.	**No**

1c. If the area of the habitat and the associated species have not been identified on base maps provided in Data Call 1, submit this information on an updated version of Data Call 1 map.

N/A

1d.

Have any efforts been made to relocate any species and/or conduct any mitigation with regards to critical habitats or endangered/threatened species? Explain what has been done and why.	**No**

1e.

Will any state or local laws and/or regulations applying to endangered/threatened species which have been enacted or promulgated but not yet effected, constrain base operations or development plans beyond those already identified? Explain.	**No**

2. WETLANDS

Note: Jurisdictional wetlands are those areas that meet the wetland definitional criteria detailed in the Corps of Engineers (COE) Wetland Delineation Manual, 1987, Technical Report Y-87-1, U.S. Army Engineer Waterway Experiment Station, Vicksburg, MS or officially adapted state definitions.

2a.

Does your base possess federal jurisdictional wetlands?	**UNKNOWN**
Has a wetlands survey in accordance with established standards been conducted for your base? **IN PROGRESS, AWAITING REPORT.**	**No**
When was the survey conducted or when will it be conducted? **NOV 1993**	**FY94**
What percent of the base has been surveyed?	**100%**
What is the total acreage of jurisdictional wetlands present on your base?	-

Source Citation: **EFACHES Code 243**

2b. If the area of the wetlands has not been identified on base maps provided in Data Call 1, submit this on an updated version of Data Call 1 map. **Awaiting survey report.**

2c. Has the EPA, COE or a state wetland regulatory agency required you to modify or constrain base operations or development plans in any way in order to accommodate a jurisdictional wetland? **No** If YES, summarize the results of such modifications or constraints.

3. CULTURAL RESOURCES

3a.

Has a survey been conducted to determine historic sites, structures, districts or archaeological resources which are listed, or determined eligible for listing, on the National Register of Historic Places? If so, list the sites below.	**YES**

The U.S. Naval Observatory Washington, DC was evaluated as part of a theme study for Astronomy and Astrophysics facilities as a National Historic Landmark. That study found it eligible as a NHL and identified buildings as "contributing resources". An Overview Survey Report was done which identified an expanded list of potential contributing resources (all buildings) and areas of high archeological potential. A definitive Intensive Level Survey has not been done. EFACHES Code 20.

3b.

Has the President's Advisory Council on Historic Preservation or the cognizant State Historic Preservation Officer required you to mitigate or constrain base operations or development plans in any way in order to accommodate a National Register cultural resource? If YES, list the results of such modifications or constraints below.	**No**

3c.

Are there any on base areas identified as sacred areas or burial sites by Native Americans or others? List below.	**No**

4. ENVIRONMENTAL FACILITIES

Notes: If your facility is permitted for less than maximum capacity, state the maximum capacity and explain below the associated table why it is not permitted for maximum capacity. Under "Permit Status" state when the permit expires, and whether the facility is operating under a waiver. For permit violations, limit the list to the last 5 years.

4a.

Does your base have an operating landfill?					**No**
ID/Location of Landfill	**Permitted Capacity (CYD)**		**Maximum Capacity (CYD)**	**Contents[1]**	**Permit Status**
	TOTAL	**Remaining**			

[1] Contents (e.g. building demolition, asbestos, sanitary debris, etc)

Are there any current or programmed projects to correct deficiencies or improve the facility.

4b. If there are any non-Navy users of the landfill, describe the user and conditions/agreements.

N/A

4c.

Does your base have any disposal, recycling, or incineration facilities for solid waste?					**No**
Facility/Type of Operation	**Permitted Capacity**	**Ave Daily Throughput**	**Maximum Capacity**	**Permit Status**	**Comments**

List any permit violations and projects to correct deficiencies or improve the facility.

4d.

Does your base own/operate a Domestic Wastewater Treatment Plant (WWTP) ?					**No**
ID/Location of WWTP	**Permitted Capacity**	**Ave Daily Discharge Rate**	**Maximum Capacity**	**Permit Status**	**Level of Treatment/Year Built**

List permit violations and discuss any projects to correct deficiencies.

4e. If you do not have a domestic WWTP, describe the average discharge rate of your base to the local sanitary sewer authority, discharge limits set by the sanitary sewer authority (flow and pollutants) and whether the base is in compliance with their permit. Discuss recurring discharge violations.

USNO has no sewage discharge limits (flow or pollutants), contract or agreement, and compliance permit with the DC Government. USNO is not required to have a permit. There are no discharge violations. The average sewage discharge is based on the metered water, according to the DC Government. The quarterly average is approximately 2,433,000 gallons - based on the 1991, 1992 and 1993 reports sent to the Department of Treasury.

NOTSS uses a septic tank and drain field.
NOFS uses a septic tank.

4f.

Does your base operate an Industrial Waste Treatment Plant (IWTP)?					No
ID/Location of IWTP	**Type of Treatment**	**Permitted Capacity**	**Ave Daily Discharge Rate**	**Maximum Capacity**	**Permit Status**

List any permit violations and projects to correct deficiencies or improve the facility.

4g. Are there other waste treatment flows not accounted for in the previous tables? Estimate capacity and describe the system. **No.**

4h.

Does your base operate drinking Water Treatment Plants (WTP)?					No
ID/Location of WTP	**Operating (GPD)**		**Method of Treatment**	**Maximum Capacity**	**Permit Status**
	Permitted Capacity	**Daily Rate**			

List permit violations and projects/actions to correct deficiencies or improve the facility.

4i. If you do not operate a WTP, what is the source of the base potable water supply. State terms and limits on capacity in the agreement/contract, if applicable.

USNO base potable water is supplied by the DC Government. There are no terms or limits on capacity. There is no agreement/contract.

NOTSS uses purchased, bottled water.
NOFS uses purchased, bottled water.

4j.

Does the presence of contaminants or lack of supply of water constrain base operations. Explain.	**No**

4k.

Other than those described above does your base hold any NPDES or stormwater permits? If YES, describe permit conditions.	**No**
If NO, why not and provide explanation of plan to achieve permitted status. **By 40CFR 122. USNO is not an industrial activity.**	

4l.

	YES/NO
Does your base have bilge water discharge problem?	**No**
Do you have a bilge water treatment facility?	**No**

Explain: **No Ships.**

4m.

Will any state or local laws and/or regulations applying to Environmental Facilities, which have been enacted or promulgated but not yet effected, constrain base operations or development plans beyond those already identified? Explain.	**No**

4n. What expansion capacity is possible with these Environmental Facilities? Will any expansions/upgrades as a result of BRACON or projects programmed through the Presidents budget through FY1997 result in additional capacity? Explain. **No.**

4o. Do capacity limitations on any of the facilities discussed in question 4 pose a present or future limitation on base operations? Explain. **No.**

5. AIR POLLUTION

5a.

What is the name of the Air Quality Control Areas (AQCAs) in which the base is located? **District of Columbia (Region III)**
Is the installation or any of its OLFs or non-contiguous base properties located in different AQCAs? **Yes**. List site, location and name of AQCA.

U.S. Naval Observatory Time Service Substation (NOTSS) Miami, Florida (Region IV).
U.S. Naval Observatory Flagstaff Station (NOFS) Flagstaff, Arizona (Region IX).

5b. For each parcel in a separate AQCA fill in the following table. Identify with and "X" whether the status of each regulated pollutant is: attainment/nonattainment/maintenance. For those areas which are in non-attainment, state whether they are: Marginal, Moderate, Serious, Severe, or Extreme. State target attainment year.

Sites: USNO — AQCA: DISTRICT OF COLUMBIA (REGION III)
NOTSS — AQCA: FLORIDA (REGION IV)
NOFS — AQCA: ARIZONA (REGION IX)

Pollutant	Attainment	Non-Attainment	Maintenance	Target Attainment Year[1]	Comments[2]
CO		**USNO/MOD. NOTSS/MOD. NOFS/MOD.**		**USNO/1995 NOTS/1995 NOFS/1995**	
Ozone		**USNO/SERIOUS NOTSS/MOD. NOFS/MOD.**		**USNO/2000 NOTS/2000 NOFS/2000**	
PM-10	**X***				**NON-DEPENDENT**
SO_2	**X***				**NON-DEPENDENT**
NO_2	**X***				**NON-DEPENDENT**
Pb	**X***				**NON-DEPENDENT**

***All 3 activities**

[1] Based on national standard for Non-Attainment areas or SIP for Maintenance areas.
[2] Indicate if attainment is dependent upon BRACON, MILCON or Special Projects. Also indicate if the project is currently programmed within the Presidents FY1997 budget.

5c. For your base, identify the baseline level of emissions, established in accordance with the Clean Air Act. Baseline information is assumed to be 1990 data or other year as specified. Determine the total level of emissions (tons/yr) for CO, NOx, VOC, PM10 for the general sources listed. For all data provide a list of the sources and show your calculations. Use known emissions data, or emissions derived from use of state methodologies, or identify other sources used. "Other Mobile" sources include such items as ground support equipment.
Baseline compliance survey planned for FY94.

	Emission Sources (Tons/Year)				
Pollutant	Permitted Stationary	Personal Automobiles	Aircraft Emissions	Other Mobile	Total
CO					
NOx					
VOC					
PM10					

Source Document: SEE SECTION 9b.

5d. For your base, determine the total FY1993 level of emissions (tons/yr) for CO, NOx, VOC, PM10 for the general sources listed. For all data provide a list of the sources and show your calculations. Use known emissions data, or emissions derived from use of state methodologies, or identify other sources used. "Other Mobile" sources include such items as ground support equipment.
Baseline compliance survey planned for FY94.

	Emissions Sources (Tons/Year)				
Pollutant	Permitted Stationary	Personal Automobiles	Aircraft Emissions	Other Mobile	Total
CO					
NOx					
VOC					
PM10					

Source Document: SEE SECTION 9b.

5e. Provide estimated increases/decreases in air emissions (Tons/Year of CO, NOx, VOC, PM10) expected within the next six years (1995-2001). Either from previous BRAC realignments and/or previously planned downsizing shown in the Presidents FY1997 budget. Explain. **No significant change.**

5f. Are there any critical air quality regions (i.e. non-attainment areas, national parks, etc.) within 100 miles of the base? **Yes. All facilities are located in non-attainment areas.**

5g. Have any base operations/mission/functions (i.e.: training, R&D, ship movement, aircraft movement, military operations, support functions, vehicle trips per day, etc.) been restricted or delayed due to air quality considerations. Explain the reason for the restriction and the "fix" implemented or planned to correct. **No.**

5h. Does your base have Emission Reduction Credits (ERCs) or is it subject to any emission offset requirements? If yes, provide details of the sources affected and conditions of the ERCs and offsets. Is there any potential for getting ERCs? **No. No credits available through District of Columbia.**

6. ENVIRONMENTAL COMPLIANCE

6a. Identify compliance costs, currently known or estimated that are required for permits or other actions required to bring existing practices into compliance with appropriate regulations. Do not include Installation Restoration costs that are covered in Section 7 or recurring costs included in question 6c. For the last two columns provide the combined total for those two FY's.

Program	Survey Com-pleted?	Costs in $K to correct deficiencies					
		FY94	FY95	FY96	FY97	FY98-99	FY00-01
Air	No	20	-	-	-	-	-
Hazardous Waste	Yes	-	-	-	-	-	-
Safe Drinking Water Act	Yes	-	-	-	-	-	-
PCBs	Yes	-	-	-	-	-	-
Other (non-PCB) Toxic Substance Control Act	Asbestos (yes)	171.9	90	21	-	-	-
	CFC/ ODS In Progress	73.3	425	476	350	-	-
Lead Based Paint	In progress	307.7	512	347	640	-	-
Radon	In progress	25	15	-	-	-	-
Clean Water Act	Yes	20	-	-	-	-	-
Solid Waste	Yes	-	-	-	-	-	-
Oil Pollution Act	Yes	-	-	-	-	-	-
USTs	Yes	16.5	150	-	-	-	-
Other Poll, Prevention Plans/Mercury	In progress	115.5	-	-	-	-	-
Total		749.9	1,192	844	990	-	-

Provide a separate list of compliance projects in progress or required, with associated cost and estimated start/completion date. **Compliance Projects attached as pages 13-A and 13-B. Future costs to correct air deficiencies will be determined after completion of the survey. Costs to reach compliance for lead and asbestos at NOFS will be determined upon completion of the current lead and asbestos inventory. Costs to reach compliance for ODS at all sites will be determined upon completion of the ongoing ODS survey. ODS costs listed in Table 6a are based on projected pollution abatement funding. In addition, FY98-01 costs for ODS will only be known after completion of the survey.**

USNO ENVIRONMENTAL COMPLIANCE PROJECTS

PRIOR YEARS FUNDED ACTIVE PROJECTS

	PROJECT	ESTM. COST $(K) F4FA	PA	OPN	START	CMPLT
1.	B-38 DEMOLITION	21.8			FY93	FY94
2.	B-3, 6, 7 GUTTERS	8.6			FY93	FY94
3.	B-52 ABOVE GROUND TANK	32.3			FY93	FY94
4.	B-8 REPLACE ROOF	17			FY93	FY94
5.	B-39 VENTS AND RUST	14.1			FY93	FY94
6.	B-78 REMOVE A/C & ASBESTOS	1.2			FY93	FY94
7.	MISC UST REMOVALS		27.2		FY94	FY94
8.	INSTALL BACKFLOW PREVENT.		44		FY93	FY94

FY94	PROJECT	ESTM. COST $(K) F4FA	PA	OPN	START	CMPLT
1.	B-3, 6, 7 ROOF REPLCMNT	95.9			FY94	FY95
2.	B-10 MERCURY DECONTAM/DEM	65.5			FY94	FY94
3.	B-40 & 69 DEMOLITION	33.5			FY94	FY95
4.	B-16 CHILLER	48			FY94	FY95
5.	B-1&2 LEAD ABTMNT.	107			FY94	FY94
6.	B-1 MISC LEAD ABTMNT	48			FY94	FY94
7.	B-1 LIBRY LEAD ABTMNT DSG	10			FY94	FY94
8.	B-38 DEMOLITION MOD.	5.8			FY94	FY94
9.	UST UPGRADE/REPLACE DSGN	16.5			FY94	FY94
10.	LEAD/ASBESTOS INVTRY (AZ)	15			FY94	FY94
11.	RADON MITIGATION INVSGT		25		FY94	FY94
12.	OZONE DEPLETING SURVEY		25.3		FY94	FY94
13.	POLLUTION PREVENTION PLNS		45		FY94	FY95
14.	CORE/STDY LEACH FIELD (AZ)		5		FY94	FY94
15.	ILLICT DISCHARGE CORRECTN	20			FY94	FY95
16.	AIR SURVEY	20			FY94	FY95
17.	ASBESTOS ABATEMENT PHASE I&II		164.4			

FY95	PROJECT	ESTM. COST $(K) F4FA	PA	OPN	START	CMPLT
1.	B-1 LEAD ABATEMENT DSGN		65		FY95	FY95
2.	B-1 CHILLER		75		FY95	FY96
3.	B-1 LIBRY PLSTR/MOLDING		100	150	FY95	FY95
4.	B-2 PLASTER/WOOD/MOLDING		150		FY95	FY96
5.	B-56 CHILLERS			100	FY95	FY95
6.	B-78 LEAD ABATEMENT DSGN	15			FY95	FY95
7.	B-78 CHILLER	50			FY95	FY95
8.	B-89 DEMOLITION	16			FY95	FY95
9.	B-90 DEMOLITION	16			FY95	FY95
10.	UPGRADE U/G TANKS		150		FY95	FY95
11.	OZONE DEPLETING SUBST.**		200		FY95	FY96
12.	RADON	15			FY95	FY95
13.	PWC ASBESTOS STEAM LINES	90			FY95	FY96

** These estimated funds are in addition to HVAC and Halon projects listed. A detailed list and cost estimate of all ODS work will be generated by the ODS Survey.

FY96	PROJECT	ESTM. COST $(K) F4FA	PA	OPN	START	CMPLT
1.	B-1 LEAD ABTMNT PHASE I	300			FY96	FY97
2.	B-16 LEAD ABTMNT DESIGN	15			FY96	FY96
3.	B-52 CHILLER		219		FY96	FY97
4.	B-54 LEAD ABATEMENT	5			FY96	FY96
5.	B-59 LEAD ABATEMENT	15			FY96	FY96
6	B-16 REMOVE ASBESTOS	10			FY96	FY96
7.	B-25 RPR FLOOR	5			FY96	FY96
8.	B-54 RPLC FLOOR TILE	3			FY96	FY96
9.	B-55 LEAD ABATEMENT	5			FY96	FY96
10.	B-55 RPLC FLOOR TILE	3			FY96	FY96
11.	B-61 LEAD ABATEMENT	7			FY96	FY96
12.	B-82 HVAC	7			FY96	FY96
13.	OZONE DEPLETING SUBST.**			250	FY96	FY97

FY97	PROJECT	ESTM. COST $(K) F4FA	PA	OPN	START	CMPLT
1.	B-1 LEAD ABTMNT PHASE II	350			FY97	FY98
2.	B-16 LEAD ABATEMENT		130		FY97	FY98
3.	B-52 REMOVE HALON		100		FY97	FY97
5.	B-77 EXT PAINT	10			FY97	FY97
6.	B-78 LEAD ABATEMENT	65	85		FY97	FY97
7.	OZONE DEPLETING SUBST.**			250	FY97	FY98

** These estimated funds are in addition to HVAC and Halon projects listed. A detailed list and cost estimate of all ODS work will be generated by the ODS Survey.

FY98-FY99	PROJECT	ESTM. COST $(K) F4FA	PA	OPN	START	CMPLT
1.	OZONE DEPLETING SUBST.***	?	?	?	FY98	FY99

FY00-FY01	PROJECT	ESTM. COST $(K) F4FA	PA	OPN	START	CMPLT
1.	OZONE DEPLETING SUBST.***	?	?	?	FY00	FY00

*** Additional funds may be required between FY98-00 for ODS. This won't be known until the survey and estimates are complete.

6b. Does your base have structures containing asbestos? __Yes__. What % of your base has been surveyed for asbestos? __100%__. Are addiitonal surveys planned? __Yes__. What is the estimated cost to remediate asbestos ($K) __164.4 (USNO DC)__. Are asbestos survey costs based on encapsulation, removal or a combination of both? **At USNO DC, the cost is based on areas requiring removal. The contract to abate the asbestos has been awarded. All other asbestos at USNO DC is controlled by maintenance. As stated above an asbestos survey is to be conducted to determine the cost of asbestos remediation at NOFS. All asbestos has been removed at NOTSS.**

6c. Provide detailed cost of recurring operational (environmental) compliance costs, with funding source. **See Page 14-A.**

Funding Source	FY1992	FY1993	FY1994	FY1995	FY1996	FY1997	FY98-99	FY00-01
O&MN								
HA								
PA								
Other O&MN (specify)	35.3K	47.3K	62.9K	58.5K	59.5K	63.2K	139.1K	159K
Other (specify)								
TOTAL:	35.3K	47.3K	62.9K	58.5K	59.5K	63.2K	139.1K	159K

6d. Are there any compliance issues/requirements that have impacted operations and/or development plans at your base. **No**

7. INSTALLATION RESTORATION

7a.

Does your base have any sites that are contaminated with hazardous substances or petroleum products?	**Yes**
Is your base an NPL site or proposed NPL site?	**No**

7b. Provide the following information about your Installation Restoration (IR) program. Project list may be provided in separate table format. Note: List only projects eligible for funding under the Defense Environmental Restoration Account (DERA). Do not include UST compliance projects properly listed in section VI.

Site # or name	Type site [1]	Groundwater Contaminated?	Extends off base?	Drinking Water Source?	Cost to Complete ($M)/Est. Compl. Date	Status[2]/Comments
# 64/52	**UST**	**Yes**	**No**	**No**	**.100/SEP 94**	**PA/SI, waiting for EPA concurrence to remove contaminated soil. Cost does not include remediation of groundwater.**

[1] Type site: CERCLA, 'RCRA corrective action (CA), UST or other (explain)
[2] Status = PA, SI, RI, RD, RA, long term monitoring, etc.

RECURRING OPERATIONAL (ENVIRONMENTAL) COMPLIANCE COSTS

FY92 THERE WAS INSUFFICIENT BREAKDOWN OF THE TYPES OF ENVIRONMENTAL PROJECTS. THE TOTAL ESTIMATED STATION O&MN FUNDS USED ON ENVIRONMENTAL WAS $35.3K.

FY93	PROJECT	ESTM. COST $(K)
1.	HAZWAST DISPOSAL	17.2
2.	SOLID WASTE DISPOSAL	12.7
3.	UST TIGHTNESS TESTS	4.5
4.	RECYCLING	9

FY94	PROJECT	ESTM. COST $(K)
1.	HAZWAST DISPOSAL	20
2.	SOLID WASTE DISPOSAL	21.4
3.	UST TIGHTNESS TESTS	4.5
4.	BACKFLOW SURVEY	17
5.	RECYCLING	9.1

FY95	PROJECT	ESTM. COST $(K)
1.	HAZWAST DISPOSAL	20
2.	SOLID WASTE DISPOSAL	23.5
3.	UST TIGHTNESS TESTS	5
4.	RECYCLING	10

FY96	PROJECT	ESTM. COST $(K)
1.	HAZWAST DISPOSAL	20
2.	SOLID WASTE DISPOSAL	26
3.	UST TIGHTNESS TESTS	2.5
4.	RECYCLING	11

FY97	PROJECT	ESTM. COST $(K)
1.	HAZWAST DISPOSAL	20
2.	SOLID WASTE DISPOSAL	28.6
3.	UST TIGHTNESS TESTS	2.5
4.	RECYCLING	12.1

FY98-FY99	PROJECT	ESTM. COST $(K)
1.	HAZWAST DISPOSAL	40
2.	SOLID WASTE DISPOSAL	66.2
3.	UST TIGHTNESS TESTS	5
4.	RECYCLING	27.9

FY00-FY01	PROJECT	ESTM. COST $(K)
1.	HAZWAST DISPOSAL	40
2.	SOLID WASTE DISPOSAL	80.2
3.	UST TIGHTNESS TESTS	5
4.	RECYCLING	33.8

7c. Have any contamination sites been identified for which there is no recognized/accepted remediation process available? List. **No.**

7d.

Is there a groundwater treatment system in place?	**No**
Is there a groundwater treatment system planned?	**No**

State scope and expected length of pump and treat operation.

7e.

Has a RCRA Facilities Assessment been performed for your base?	**No**

7f. Does your base operate any conforming storage facilities for handling **hazardous materials**? If YES, describe facility, capacity, restrictions, and permit conditions.

No

7g. Does your base operate any conforming storage facilities for handling **hazardous waste**? If YES, describe facility, capacity, restrictions, and permit conditions.

Yes. Hazardous waste is temporarily stored in a prefabricated, 440 gallon, EPA/Fire approved, detached storage building while pending disposal. USNO is listed as a Small Quantity Generator. There are no requirements for permits.

7h. Is your base responsible for any non-appropriated fund facilities (exchange, gas station) that require cleanup? If so, describe facility/location and cleanup required/status.

No

7i.

Do the results of any radiological surveys conducted indicate limitations on future land use? Explain below.	**N/A**

7j. Have any base operations or development plans been restricted due to Installation Restoration considerations? **No.**

7k. List any other hazardous waste treatment or disposal facilities not included in question 7b. above. Include capacity, restrictions and permit conditions. **No.**

8. LAND / AIR / WATER USE

8a. List the acreage of each real estate component controlled or managed by your base (e.g., Main Base - 1,200 acres, Outlying Field - 200 acres, Remote Range - 1,000 acres, remote antenna site - 5 acres, Off-Base Housing Area - 25 acres).

Parcel Descriptor	Acres	Location
"Main Base"	22.42	USNO WASH DC
On Base Housing	16.98	USNO WASH DC
Operational Buffer	32.72	USNO WASH DC
"Main Base"	2.38	NOTSS MIAMI, FL
Operational Buffer	74.29	NOTSS MIAMI, FL
"Main Base"	54.0	NOFS FLAGSTAFF, AZ
Operational Buffer	246.0	NOFS FLAGSTAFF, AZ

8b. Provide the acreage of the land use categories listed in the table below:

LAND USE CATEGORY		ACRES
Total Developed: (administration, operational, housing, recreational, training, etc.)		**USNO 39.4** **NOTSS 2.38** **NOFS 54.0**
Total Undeveloped (areas that are left in their natural state but are under specific environmental development constraints, i.e.: wetlands, endangered species, etc.)		Wetlands: **0**
		All Others: **0**
Total Undeveloped land considered to be without development constraints, but which may have operational/man caused constraints (i.e.: HERO, HERF, HERP, ESQD, AICUZ, etc.) TOTAL		**0**
Total Undeveloped land considered to be without development constraints		**0**
Total Off-base lands held for easements/lease for specific purposes		**0**
Breakout of undeveloped, restricted areas. Some restricted areas may overlap:	ESQD	**0**
	HERF	**0**
	HERP	**0**
	HERO	**0**
	AICUZ	**0**
	Airfield Safety Criteria	**0**
	Other (OPERATIONAL BUFFER)	**USNO 32.72** **NOTSS 74.29** **NOFS 246.0**

8c. How many acres on your base (includes off base sites) are dedicated for training purposes (e.g., vehicular, earth moving, mobilization)? This does not include buildings or interior small arms ranges used for training purposes. 0

8d. What is the date of your last AICUZ update? 05/27/93 Are any waivers of airfield safety criteria in effect on your base? **No.** Summarize the conditions of the waivers below.

8e. List the off-base land use *types* (e.g, residential, industrial, agricultural) and *acreage* within Noise Zones 2 & 3 generated by your flight operations and whether it is compatible/incompatible with AICUZ guidelines on land use. **None**

Acreage/Location/ID	**Zones 2 or 3**	**Land Use**	**Compatible/ Incompatible**

8f. List the navigational channels and berthing areas controlled by your base which require maintenance dredging? Include the frequency, volume, current project depth, and costs of the maintenance requirement. **None**

Navigational Channels/ Berthing Areas	**Location / Description**	**Maintenance Dredging Requirement**			
		Frequency	Volume (MCY)	Current Project Depth (FT)	Cost ($M)

8g. Summarize planned projects through FY 1997 requiring **new channel or berthing area** dredged depths, include location, volume and depth. **None**.

8h.

Are there available **designated dredge disposal areas** for maintenance dredging material? List location, remaining capacity, and future limitations.	**None**
Are there available **designated dredge disposal areas** for new dredge material? List location, remaining capacity, and future limitations.	**None**
Are the dredged materials considered contaminated? List known contaminants.	**None**

8.i. List any requirements or constraints resulting from consistency with **State Coastal Zone Management Plans**.

None.

8j. Describe any **non-point source pollution problems affecting water quality** ,e.g.: coastal erosion.

None.

8k.

If the base has a cooperative agreement with the US Fish and Wildlife Service and/or the State Fish and Game Department for conducting a hunting and fishing program, does the agreement or these resources constrain either current or future operations or activities? Explain the nature and extent of restrictions.	YES/NO **N/A**

8l. List any other areas on your base which are indicated as protected or preserved habitat other than threatened/endangered species that have been listed in Section 1. List the species, whether or not treated, and the acres protected/preserved.

None

9. WRAP-UP

9a. Are there existing or potential environmental showstoppers that have affected or will affect the accomplishment of the installation mission that have not been covered in the previous 8 questions?

No.

9b. Are there any other environmental permits required for base operations, include any relating to industrial operations. **A Title V permit is required by Nov 1995 under 40 CFR 70 of the CAAA 90. An inventory of all emissions sources on the facility will be necessary to comply. USNO has a compliance survey planned for FY94**.

9c. Describe any other environmental or encroachment restrictions on base property not covered in the previous 8 sections.

None

9d. List any future/proposed laws/regulations or any proposed laws/regulations which will constrain base operations or development plans in any way. Explain.

None

9e. Tenants and UIC's covered under this report:

U.S. Naval Observatory	**N62285**
U.S. Naval Observatory Time Service SubStation	**N0541A**
U.S. Naval Observatory Flagstaff Station	**N0540A**
Navy Public Works Center, Washington	**N68925**
U.S. Secret Service, Vice President Detail	**-**
White House Military Office - Vice Presidents Residence	**47689**
Chief of Naval Operations - N096	**N00011**

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

CAPT R. E. BLUMBERG, USN
NAME (Please type or print)

R E Blumberg
Signature

SUPERINTENDENT
Title

June 3, 1994
Date

U.S. NAVAL OBSERVATORY
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 _____

I certify that the information contained 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

6/7/94
Date

Naval Meteorology and Oceanography Command
Activity

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

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

P. W. DRENNON
NAME (Please type or print)

Signature

ACTING
Title

6/24/94
Date

BRAC-95 CERTIFICATION

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

CDR TERRY A. HOWELL, USN
NAME (Please type or print)

Signature

DEPUTY SUPERINTENDENT
Title

3 JUNE 1994
Date

Division

Department

U.S. NAVAL OBSERVATORY
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.

LT DARIUS BANAJI, USN
NAME (Please type or print)

Signature

STAFF CIVIL ENGINEER
Title

3 JUN 94
Date

Division

FACILITIES MANAGEMENT
Department

U.S. NAVAL OBSERVATORY
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.

MS CHRISTINE A. FREGO
NAME (Please type or print)

Christine A. Frego
Signature

ENVIRONMENTAL MANAGER
Title

3 June 1994
Date

Division

FACILITIES MANAGEMENT
Department

U.S. NAVAL OBSERVATORY
Activity

DATA CALL 63
FAMILY HOUSING DATA

84

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

Installation Name:	NAVAL OBSERVATORY Washington DC
Unit Identification Code (UIC):	62285
Major Claimant:	COMNAVOCEANCOM

Percentage of Military Families Living On-Base:	11%
Number of Vacant Officer Housing Units:	0
Number of Vacant Enlisted Housing Units:	0
FY 1996 Family Housing Budget ($000):	4.8
Total Number of Officer Housing Units:	0
Total Number of Enlisted Housing Units:	1

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)

Signature

COMMANDER
Title

7/20/94
Date

NAVAL FACILITIES ENGINEERING COMMAND
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)

W. A. EARNER

NAME (Please type or print)

Signature

Title

7/25/94
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

W.A. Waters, CAPT, CEC, USN
NAME (Please type of print)

Signature

Commanding Officer
Title

7/7/94
Date

NORTHNAVFACENGCOM
Activity

BRAC-95 CERTIFICATION

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

Sandra B. Culbertson
NAME (Please type or print)

Sandra B. Culbertson
Signature

Housing Management Specialist
Title

7/6/94
Date

Division

Housing/Real Estate
Department

NORTHNAVFACENGCOM
Activity

Enclosure (1)

84

MILITARY VALUE ANALYSIS

DATA CALL WORK SHEET

FOR NAVAL METEOROLOGY AND OCEANOGRAPHY CENTERS:

U.S. NAVAL OBSERVATORY

PRIMARY UIC: N62285 (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 (2)

Naval Meteorology and Oceanography Centers Activity Listing

Type	Title	Location
COMMANDER	COMNAVMETOCCEN	STENNIS SPACE CENTER, MS
METOCCEN	FLENUMMETOCCEN	MONTEREY, CA
METOCCEN	NAVPACMETOCCEN	PEARL HARBOR, HI
METOCCEN	NAVPACMETOCCEN WEST	GUAM
METOCCEN	NAVLANTMETOCCEN	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-025	**Program Lab Expansion**	**FY90**	**2.5M**
89-C-0230	**Building 19 Expansion and 34th St. Gate**	**FY89**	**2.337M**

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

None.

Table 2.1 **Planned Capital improvements**

Project	Description	Fund Year	Value

2.b. List the project number, description, funding year, and value of the **BRAC related capital improvements planned** for 1995 through 1999. ***None.***

Table 2.2 **Planned BRAC Capital improvements**

Project	Description	Fund Year	Value

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

USNO [Wash DC] - Potential 9-story condominium development adjacent to the perimeter fence. NOFS [Flagstaff] - None. NOTSS [Miami] - 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?

USNO [Wash DC] - Only if the 9 story condominium development as stated in item 3.a. is constructed adjacent to the perimeter fence. There are no current environmental constraints other than those necessary to protect our observing environment.

NOFS [Flagstaff] - No because of the sufficient buffer zone and lighting ordinance. A potential environmental issue could be the Navy Forestry Program.

NOTSS [Miami] - No, because of the sufficient buffer zone around the station. A portion of the acreage at the station has either threatened or endangered plant life. This does not pose an environmental constraint to the station since the species are located in the buffer zone around the station.

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

USNO [Wash DC] - DC Zoning ordinance instituted a 40-feet height limit in a 120 acre area around the base. NOFS [Flagstaff] - A zoning ordinance minimizes the lighting in the city of Flagstaff and county of Coconino. NOTSS [Miami] - None.

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.

The USNO has several non-DoD/civilian support missions. Foremost, USNO maintains the *Master Clock of the United States*. It is the only Observatory funded to determine time within the United States. It is also the primary contributer in the formulation of International Atomic Time ITAI) and Coordinated Universal Time (UTC). Also, USNO provides earth orientation data to national and international civilian users. The very long baseline interferometry (VLBI) correlator at USNO is used to reduce geodetic radio astronomy observations for NOAA and NASA. Finally, USNO is the official source of astrometric data in the United States, and a principal source of data internationally.

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/ DO-DAAC	Description of Support Role	Degree of support
WHMO	**White House Military Office**	**68392**	**Special use facilities**	**minor**
VPD	**U.S. Secret Service**	**HM0050**	**Security Assistance and facilities**	**major**

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**	**22226**	*	**6985**	*	**0**	*	**29211**	*
ADP installations	**610-20**	**0**	*	**0**	*	**0**	*	**0**	*
Legal services	**610-40**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Admin storage	**610-77**	**1923**	**NA**	**1586**	**NA**	**0**	**NA**	**3509**	**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**

***USNO property records not based on workstations.**

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.

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

Personnel support facilities provided [off-base] by Naval District Washington.

Operational Suitability

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

The U.S. Naval Observatory provides precise time and time interval [PTTI], astronomical and navigational information to all DoD user organizations. The global positioning system back-up Master Control Station would be a prime candidate for basing due to its cose alignment to our mission.

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

Limited available office space and lack of base services. No new construction is planned as astrometry functions require the minimization of heat and light sources, and limitations on the height of buildings.

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.

None.

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.

None.

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

The infrastructure barely meets current requirements. As such, the following infrastructure upgrades are to be performed over the next three fiscal years: 1) new telephone system to include new cables and phone equipment; 2) electrical distribution upgrades to various buildings; 3) fire protection upgrades to existing buildings; 4) replacement of steam distribution and condensate return lines; and 5) HVAC upgrades to various buildings. Any future expansions would require additional funding.

11.a. In the table provide the percent of time operations are precluded due to weather. Add any further discriptions 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	**44/33**	**24/40**	**53/30**	**33/65**
FEB	**54/49**	**62/38**	**35/49**	**28/72**
MAR	**47/56**	**23/58**	**18/56**	**11/31**
APR	**65/57**	**40/23**	**53/24**	**35/14**
MAY	**58/25**	**20/13**	**39/55**	**35/27**
JUN	**42/19**	**17/36**	**25/22**	**18/18**
JUL	**47/60**	**20/46**	**16/50**	**27/18**
AUG	**44/44**	**32/46**	**32/59**	**18/60**
SEP	**27/43**	**27/50**	**37/8**	**25/6**
OCT	**71/15**	**26/29**	**11/38**	**12/34**
NOV	**58/30**	**38/40**	**20/33**	**25/42**
DEC	**58/40**	**32/56**	**35/51**	**22/22**

For the two sites (USNO Wash DC and NOFS Flagstaff) meteorological conditions which cause significant cloud cover or low visibility impact on the ability to take astrometric observations.

Remarks:

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	2.90	2.78	2.90	3	6	4	0	0	0
FEB	0.83	2.23	2.27	2	3	12	0	0	0
MAR	4.42	3.48	6.82	2	1	5	0	0	0
APR	1.39	2.55	3.62	0	0	0	0	0	0
MAY	1.57	3.41	3.40	0	0	0	0	0	0
JUN	1.27	2.35	1.73	0	0	0	0	0	0
JUL	3.76	5.34	1.36	0	0	0	0	0	0
AUG	2.03	2.48	3.87	0	0	0	0	0	0
SEP	3.50	3.49	3.68	0	0	0	0	0	0
OCT	2.03	2.03	2.62	0	0	0	0	0	0
NOV	0.85	3.38	4.76	0	0	0	0	0	0
DEC	5.07	2.86	4.38	3	3	8	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 - Not applicable. All housing is under the purview of the Navy Public Works Center, Washington [UIC: N68925].

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[1]	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+		

[1]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	
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:

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

(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			
TOTAL		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:

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

(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			
TOTAL		100	

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

On Base MWR Facilities

13. For on-base MWR facilities[1] 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 USNO WASHINGTON, D.C. [ON-BASE] **DISTANCE** N/A

Facility	Unit of Measure	Total	Profitable (Y,N,N/A)
Auto Hobby	Indoor Bays	0	
	Outdoor Bays	0	
Arts/Crafts	SF	0	
Wood Hobby	SF	0	
Bowling	Lanes	0	
Enlisted Club	SF	0	
Officer's Club	SF	0	
Library	SF	0	
Library	Books	0	
Theater	Seats	0	
ITT	SF	0	
Museum/Memorial	SF	0	
Pool (indoor)	Lanes	0	
Pool (outdoor)	Lanes	0	
Beach	LF	0	
Swimming Ponds	Each	0	
Tennis CT	Each	2	N/A

[1]Spaces designated for a particular use. A single building mignt coatain several facilities, each of which should be listed spearately.

Facility	Unit of Measure	Total	Profitable (Y,N,N/A)
Volleyball CT (outdoor)	Each	**0**	
Basketball CT (outdoor)	Each	**1**	**N/A**
Racquetball CT	Each	**0**	
Golf Course	Holes	**0**	
Driving Range	Tee Boxes	**0**	
Gymnasium	SF	**0**	
Fitness Center	SF	**809**	**N/A**
Marina	Berths	**0**	
Stables	Stalls	**0**	
Softball Fld	Each	**0**	
Football Fld	Each	**0**	
Soccer Fld	Each	**0**	
Youth Center	SF	**0**	

14. Is your library part of a regional interlibrary loan program? **No. The USNO library is a technical library that supports the base mission and the astrometry/research community [refer to U.S.C. Title 5.]**

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	**0**
Gas Station	SF	**0**
Auto Repair	SF	**0**
Auto Parts Store	SF	**0**
Commissary	SF	**0**
Mini-Mart	SF	**0**
Package Store	SF	**0**
Fast Food Restaurants	Each	**0**
Bank/Credit Union	Each	**0**
Family Service Center	SF	**0**
Laundromat	SF	**0**
Dry Cleaners	Each	**0**
ARC	PN	**0**
Chapel	PN	**0**
FSC Classrm/Auditorium	PN	**0**

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

City	Distance (Miles)
WASHINGTON, D.C.	**0**
BALTIMORE, MD	**45**
PHILADELPHIA, PA	**160**

18. Standard Rate VHA Data for Cost of Living:

Paygrade	With Dependents	Without Dependents
E1	**314.33**	**175.87**
E2	**314.33**	**197.67**
E3	**304.92**	**224.68**
E4	**333.54**	**232.76**
E5	**358.43**	**250.25**
E6	**401.64**	**273.41**
E7	**445.49**	**309.46**
E8	**455.49**	**344.62**
E9	**444.44**	**337.38**
W1	**508.26**	**386.01**
W2	**539.96**	**423.51**
W3	**539.31**	**438.40**
W4	**503.58**	**446.50**
O1E	**431.76**	**320.26**
O2E	**471.21**	**375.69**
O3E	**487.77**	**412.65**
O1	**428.21**	**315.54**
O2	**411.12**	**321.34**
O3	**461.82**	**388.82**
O4	**495.17**	**430.60**
O5	**472.86**	**391.05**
O6	**464.70**	**384.64**
O7	**396.88**	**322.46**

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**	**65**
Apartment (1-2 Bedroom)	**700**	**500**	**85**
Apartment (3+ Bedroom)	**850**	**700**	**100**
Single Family Home (3 Bedroom)	**1250**	**800**	**170**
Single Family Home (4+ Bedroom)	**1425**	**1250**	**180**
Town House (2 Bedroom)	**1000**	**850**	**150**
Town House (3+ Bedroom)	**1125**	**875**	**160**
Condominium (2 Bedroom)	**900**	**700**	**90**
Condominium (3+ Bedroom)	**1100**	**900**	**130**

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

Type Rental	Percent Occupancy Rate
Efficiency	**95**
Apartment (1-2 Bedroom)	**89**
Apartment (3+ Bedroom)	**97**
Single Family Home (3 Bedroom)	**95**
Single Family Home (4+ Bedroom)	**95**
Town House (2 Bedroom)	**95**
Town House (3+ Bedroom)	**95**
Condominium (2 Bedroom)	**80**
Condominium (3+ Bedroom)	**85**

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

Type of Home	Median Cost
Single Family Home (3 Bedroom)	**$310,168**
Single Family Home (4+ Bedroom)	**$365,750**
Town House (2 Bedroom)	**$200,546**
Town House (3+ Bedroom)	**$230,750**
Condominium (2 Bedroom)	**$125,667**
Condominium (3+ Bedroom)	**$140,200**

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.

Range - $700.00 - $850.00*

***Based on information from the Navy Public Works Center Washington, Housing Referral Office, a monthly payment in this range would indicate purchase of a 2 - bedroom condominium/townhouse vice a detached home.**

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.

- **available education**
- **location**
- **secure/safe area**
- **convenice to base and services**
- **military community environment**

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
YN	**1**	**511**
QM	**0**	**15**
IC	**0**	**19**
ET	**0**	**32**
DS	**0**	**22**

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)
Prince Williams County (VA)	**1**	**30**	**60**
Prince George County (MD)	**21**	**22**	**30**
Montgomery County (MD)	**20**	**20**	**45**
Fairfax County (VA)	**20**	**20**	**45**
Washington DC	**17**	**10**	**20**

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/-ACT Score	% HS Grad to Higher Educ	Source of Info
MONTGOMERY COUNTY (MD)	PUBLIC	K-12	YES	NONE	V-465 M-527	86.5	***
FAIRFAX COUNTY (VA)	PUBLIC	K-12	YES	NONE	V-460 M-525	93.2	***
BOLLING AFB CDC	*	PRE-SCHOOL-K	NO	**	N/A	N/A	BOLLING AFB
PRINCE WILLIAM COUNTY (VA)	PUBLIC	K-12	YES	NONE	V-431 M-477	68.9	***
HERITAGE ACADEMY	PRIVATE	K-12	YES	$460-$520 @ MONTH	N/A	N/A	HERITAGE ACADEMY

* **Military supported child development center**
** **Range According to Category I-V based on family income**
*** **County's board of Education or as noted**

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	
AMERICAN UNIVERSITY	Day	NO	NO	-	YES	YES
	Night	NO	NO	-	YES	YES
CAPITOL COLLEGE	Day	NO	NO	-	YES	YES
	Night	NO	NO	-	YES	YES
GALLUDET UNIVERSITY	Day	NO	NO	-	YES	YES
	Night	-	-	-	-	-
GEORGE MASON UNIVERSITY	Day	NO	NO	-	YES	YES
	Night	NO	NO	-	YES	YES
GEORGE WASH-INGTON UNIVERITY	Day	NO	NO	-	YES	YES
	Night	NO	NO	-	YES	YES
GEORGETOWN UNIVERSITY	Day	NO	NO	-	YES	YES
	Night	NO	NO	-	YES	YES
HOWARD UNIVERSITY	Day	NO	NO	-	YES	YES
	Night	NO	NO	-	YES	YES
MT. VERNON COLLEGE	Day	NO	NO	-	YES	YES
	Night	NO	NO	-	YES	YES
POTOMAC COLLEGE	Day[Sat only]	NO	NO	[1]	YES/BS	NO
	Night	-	-	-	NO	NO
PRINCE GEORGES COMM COLLEGE	Day	YES	NO	-	YES/AA	NO
	Night	YES	NO	-	YES/AA	NO
STRAYER COLLEGE	Day	NO	NO	-	YES	YES
	Night	NO	NO	-	YES	YES
UNIVERSITY OF WASH.	Day	YES	NO	-	YES	YES
	Night	YES	NO	-	YES	YES

[1] 60 Credits required for admission

22.b. CONTINUED - List the educational institutions within 30 miles which offer programs of-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	
UNIVERSITY OF MARYLAND	Day	NO	NO	-	YES	YES
	Night	-	-	-	-	-
UNIV. OF MD COLLEGE PARK	Day	-	-	-	-	-
	Night	NO	NO	-	YES	YES
MARYMOUNT COLLEGE	Day	NO	NO	-	YES	YES
	Night	NO	NO	-	YES	YES
NORTHERN VA COMM COLLEGE	Day	NO	NO	-	YES/AA	NO
	Night	NO	NO	-	YES/AA	NO
	Day					
	Night					
	Day					
	Night					
	Day					
	Night					

***A comprehensive listing of <u>all</u> educational institutions within 30 miles of USNO is extensive. The most recognized and utilized institutions are provided.**

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.

None.

Institution	Type Classes	Program Type(s)				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
	Day					
	Night					
	Corre-spondence					
	Day					
	Night					
	Corres-pondence					
	Day					
	Night					
	Corres-pondence					
	Day					
	Night					
	Corres-pondence					

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 Unemploy-ment Rate
	1991	1992	1993	
Professional	0	0	0	4.6
Manufacturing	0	0	0	5.2
Clerical	0	0	0	4.5
Service	0	0	0	3.8
Other	0	0	0	

Only aggregate rates of unemployment for the DC metro area were available from the Department of Employment Services.

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.

None.

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.

Yes. Difficulties were reported in two areas. · One dependent spouse reported and optometry waiting list that was so long that they were not even permitted to get on the waiting list. Another member had difficulty arranging for school physicals during the school year because the clinics only provided for physical during the summer months (and on a limited basis).

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		1	
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
8. Larceny - Government (6S)			
Base Personnel - military			
Base Personnel - civilian	1	3	
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	1	2	1
Off Base Personnel - military			
Off Base Personnel - civilian			
10. Wrongful Destruction (6U)			
Base Personnel - military	1	2	1
Base Personnel - civilian		1	
Off Base Personnel - military			
Off Base Personnel - civilian			
11. Larceny - Vehicle (6V)			
Base Personnel - military			
Base Personnel - civilian			1
Off Base Personnel - military			
Off Base Personnel - civilian			
12. Bomb Threat (7B)			
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off 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	1		
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		**3**	
Base Personnel - civilian	**15**	**10**	**9**
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: 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

CDR TERRY A. HOWELL
NAME (Please type or print)

Signature

ACTING, SUPERINTENDENT
Title

1 July 1994
Date

U.S. NAVAL OBSERVATORY
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 ELIZABETH A. WALLACE
NAME (Please type or print)

Elizabeth A. Wallace
Signature

ADMIN/SECURITY OFFICER
Title

1 July 04
Date

Division

OPERATIONS
Department

U.S. NAVAL OBSERVATORY
Activity

BRAC-95 CERTIFICATION

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

LT DARIUS BANAJI
NAME (Please type or print)

Signature

STAFF CIVIL ENGINEER
Title

7/01/94
Date

Division

FACILITIES MANAGEMENT
Department

U.S. NAVAL OBSERVATORY
Activity

BRAC-95 CERTIFICATION

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

DR. P. K. SEIDELMANN
NAME (Please type or print)

P K Seidelmann
Signature

DIRECTOR OF ASTROMETRY
Title

1 JULY 1994
Date

Division

Department

ASTROMETRY
Directorate

U.S. NAVAL OBSERVATORY
Activity

BRAC-95 CERTIFICATION

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

DR. DENNIS D. MCCARTHY
NAME (Please type or print)

Signature

SUPERVISORY ASTRONOMER
Title

30 June 1994
Date

Division

EARTH ORIENTATION
Department

U.S. NAVAL OBSERVATORY
Activity

Enclosure (1)

84

CAPACITY ANALYSIS

DATA CALL WORK SHEET

FOR NAVAL METEOROLOGY AND OCEANOGRAPHY CENTERS:

U.S. NAVAL OBSERVATORY

PRIMARY UIC: N62285 (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 (1)

Naval Meteorology and Oceanography Centers Activity Listing

Type	Title	Location
COMMANDER	COMNAVMETOCCEN	STENNIS SPACE CENTER, MS
METOCCEN	FLENUMMETOCCEN	MONTEREY, CA
METOCCEN	NAVPACMETOCCEN	PEARL HARBOR, HI
METOCCEN	NAVPACMETOCCEN WEST	GUAM
METOCCEN	NAVLANTMETOCCEN	NORFOLK, VA
NAVOCEANO	NAVOCEANO	STENNIS SPACE CENTER, MS
NAVOBSY	NAVAL OBSERVATORY	WASHINGTON, DC

Data for Capacity Analysis

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- Base Infrastructure 16
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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. **Stellar and planetary positional data are collected by a variety of astrometric instruments located at the U.S. Naval Observatory Washington DC; Flagstaff, AZ; and Black Birch, New Zealand. These three observatories routinely measure global positions of over 40,000 stars using transit circle telescopes. The USNO is the only organization in the U.S. to regularly make such observations. Additionally, larger, more accurate 26 and 24-inch telescopes in Washington, DC determine relative positions of stars that are very close together (double stars). The USNO Flagstaff Station in Arizona uses a 61-inch reflector telescope to measure stellar distances (parallaxes) and quasar positions as well as measure positions of millions of faint stars as background for tracking of space objects and debris. New advanced technologies have enhanced the data collection efforts with the development of a highly accurate optical interferometer in Flagstaff, AZ as well as charge-coupled devices (CCD) and infrared detectors to meet future DoD space tracking needs. Earth orientation data are collected using the very long baseline interferometry (VLBI) radio telescopes funded totally or partially by the Navy at Fairbanks, Alaska; Kokee Park, Hawaii; Greenbank, West Virginia, and Time Service Substation Richmond, Florida. These data are recorded on magnetic tape and are sent to the VLBI correlator at USNO to be reduced and analyzed. Timing and performance data is also collected from various atomic clocks located at USNO and at sites around the world.**

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. [***DoD**/Non-DoD usage]

Model/ Type	In Service Date	FY 1991		FY 1992		FY 1993	
		Time Used	Maint.	Time Used	Maint.	Time Used	Maint.
VLBI Correlator	Feb 86	***88**/10	2	***88**/10	2	***88**/10	2

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: VLBI Correlator [highly unique computer developed by MIT.]

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									
Predict/Forecast Generation									
Product Development[1]									
Other - **Output****	**90**		**10**	**90**		**10**	**90**		**10**

[1] Product Development includes any publications, tactical memos, etc., designed for educational, operational or training distribution.

****Computer output is used by various workstations for earth orientation prediction and product development.**

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	7	8	8	8	8	8	8	
	2	35	35	38	43	40	40	40	
	3	1	1	1	1	1	1	1	
	4								
	5								
Computer Operation and Maintenance	1	3	3	3	2	2	2	2	
	2	16	16	16	21	21	21	21	
	3	3	3	2	1	1	1	1	
	4								
	5								
Model Development	1	.5	.5	.5	.5	.5	.5	.5	
	2	11	11	11	12	12	12	12	
	3								
	4								
	5								
Model Validation	1								
	2	10	10	10	10	9	9	9	
	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.

TYPE OF WORK		FY 1989	FY 1991	FY 1993	FY 1995	FY 1997	FY 1999	FY 2001	FY *
Prediction/ Forecast Generation and Distribution	1	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
	2	5	5	5	5	4	4	4	
	3								
	4								
	5								
Product Development	1	2	2	2	2	2	2	2	
	2	14	14	16	16	16	16	16	
	3								
	4								
	5								
Admin & Support	1	14	14	12	11	11	11	11	
	2	78	77	47	48	48	45	45	
	3	7	9	9	8	9	9	9	
	4								
	5								
Product Distribution	1								
	2	4	4	4	4	4	4	4	
	3	3	3	3	1	1	1	1	
	4								
	5								
Other[1] Astronomical Instrument Support	1	2	2	2	2	2	2	2	
	2	9	9	10	10	10	10	10	
	3	1	1	1	0	0	0	0	
	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.

[1]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	3960	3960	3960	0	0	0	0	0
610-10	Admin	33976	33976	30276	25276	25888	25888	25888	25888
610-77	Admin Storage	2235	2447	2679	2753	2881	2881	2881	2881
218-45	Instr. Cal. Labs	17510	18039	18585	18876	22305	22305	22305	22305
310-11	Astro Physics	48487	49952	51461	54470	58508	58508	58508	58508
730-20	Security	10770	10770	10770	18570	18570	18570	18570	18570
740-76	Library	7255	7255	7255	7255	7255	7255	7255	7255
171-10	Academic Instruction Bldg	24785	24785	24785	8505	8505	8505	8505	8505
TOTAL		148,978	151,184	149,771	135,705	143,912	143,912	143,912	143,912

Remarks: **Primary use of space is for operational astrometric and time support to DoD and civilian activities.**

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 details attached on page 5A.***

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	FY *
Litigation Requests	**Letters**	**970**	**970**	**1000**	**1000**	**1000**	**1000**	**1000**	
Public Affairs	**Articles**	**40**	**40**	**50**	**40**	**40**	**40**	**40**	
Astronomical Library	**Outside Scientists**	**100**	**100**	**120**	**140**	**160**	**170**	**180**	
Time Sync	**Phone Calls**	**1M**	**1M**	**1M**	**1M**	**1M**	**1M**	**1M**	
Almanacs	**Books**	**35,095**	**35,095**	**35,095**	**35,095**	**33,500**	**33,500**	**33,500**	
Almanacs for Computers	**Diskettes**	**250**	**250**	**757**	**850**	**490**	**800**	**500**	
Automated Information Answering System	**Phone calls**	**50000**	**50000**	**50000**	**50000**	**50000**	**50000**	**50000**	

*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.

6. SPECIAL FEATURES AND SERVICES (Data in support of)

OPERATIONAL REPORTS	DATA ROUTES	DESTINATION POINTS (WORLD-WIDE)
Time Service Bulletins (Master Clock and Earth Orientation)	Mail - Primary E-Mail - Primary FAX - Back-up	885 100
AIG 100 MSG (Time Synchronization)	Naval Msg - Primary Mail - Back-up	70
Computer Bulletin Board	E-MAIL - Primary	65

Primary destination points for operational reports on the performance of the *Master Clock* and *Earth Orientation data* are:

- **Naval Observatory Time Service Substation, Florida [back-up facility for U.S. Master Clock]**
- **Falcon AFB, Colorado [GPS Master Control Station]**
- **DSCS Terminals located throughout the world**
- **Time Reference Stations throughout U.S., Europe and Asia.**

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.

See Table 7.1 Above

Facility/Detachment: U.S. Naval Observatory UIC: N62285

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								
Flight Forecasting								
Heavy Weather Warnings								
Navy/Joint C4I System Support								
Pre-Deployment Briefings								
Destructive Weather Briefings								
Other								

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).

No other Naval activity can fully substitute for the operations of the USNO.

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. **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.

For Earth Orientation data, information is provided by magnetic tape shipped from the Navy VLBI sites to USNO DC. Other sources of data are by electronic mail. Outgoing time and astrometric data are sent by U.S. mail and electronic mail.

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

VLBI Correlator, U.S. Master Clock, astronomical instruments, transit circles, astrometric telescopes and optical interferometer.

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. **None.**

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.**

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.

The astrometric observations performed by USNO are not performed at any other civilian observatory and there are no other DoD observatories.

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.

(1) Upgrade electrical switch gear and underground distribution system; $100K [estimate]. Increased integrity of underground cabling.

(2) Install fuel cell generation system to "shave" peak electrical demands; $1.3M [estimate]. 15% increased savings.

(3) Base-wide phone distribution and branch line upgrade; $500K [estimate]. Increase of 100 phone lines.

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.

(1) Building 1, Electrical Distribution Upgrade - Replace panels and transformers, and increase capacity of branch circuits to meet current and known future electrical demands. $400K [estimate]; 55% increase in electrical capacity.

(2) Building 52, Electrical Distribution Upgrade - Replace panels and transformers, and increase capacity of branch circuits to meet current and known future electrical demands. $487K [estimate]; 25% increase in electrical capacity.

(3) Replace Steam and Condensate Lines - Remove asbestos, improve lighting, and replace existing steam and condensate return lines in the steam tunnels. $511K [estimate]; 10% increase in capacity.

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.

See attached page 8A

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.

The base is constrained in growth since building height restrictions, additional heat and light sources, or the construction of additional buildings and parking facilities would have a negative impact on the mission of the base, i.e., astrometry.

13.c. - CONTINUED

Description	Cost (000)
ADP EQUIP. - WORKSTATIONS/UPGRADES	86.0
ADP EQUIP. - PRINTERS	43.8
ADP EQUIP. - SCANNERS	18.0
ADP EQUIP. - ETHERNET SWITCHES	320.0
ADP EQUIP. - CD/ROM (READER/WRITER)	20.2
ADP EQUP. - TAPES, 8MM & 4MM	40.0
ADP EQUIP. - TELEPHONE ANSWERING SYS	12.0
FURNITURE, MODULAR	10.0
ELECTRIC VEHICLE	6.0
Total:	556.0

Additional ADP equipment would increase communiction efficiency and enhance scientific computation and data retrieval capabilities.

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. ***Not applicable.***

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

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. ***Not applicable.***

CCN:_____

Type Training Facility	Total Number	Design Capacity (PN)[1]	Capacity (Student HRS/YR)[2]

[1] 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.

[2] 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. ***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:

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.

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:

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	
Cafeteria 722-31 [bldg 59]	**2436**	**0**	**116**	**80**	**2320**	**0**	**0**	**280**

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	
Civilian Cafeteria 722-31 [bldg 59]	**2436**	**0**	**116**	**80**	**2346**	**0**	**0**	**310**

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:

All plant accounts for housing on-board USNO are held by the Navy Public Works Center, Washington UIC: N68925.

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.

All plant accounts for housing are held by the Navy Public Works Center, Washington UIC: N68925.

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

	On Base Capacity	Off base long term contract	Normal Steady State Load	Peak Demand
Electrical Supply (KWH)	1750	N/A	700	1250
Natural Gas (CFH)	11630	N/A	5815	5815
Sewage (GPD)	5 MILLION	N/A	21000	35000
Potable Water (GPD)	5 MILLION	N/A	21000	35000
Steam (lbm/Hr)	9300	N/A	N/A	4650
Long Term Parking	0	0	0	0
Short Term Parking	285	0	180	285

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 USNO, NOTSS, NOFS (UIC: N62285, N0541A, N0540A)

Fiscal Year	MRP ($M)	CPV ($M)	ACE ($M)
1985	1.191	46.864	.434
1986	1.230	48.091	.448
1987	1.789	49.880	.462
1988	.918	51.080	.476
1989	1.090	52.277	.491
1990	1.206	53.501	.506
1991	1.335	55.155	.521
1992	1.022	56.411	.538
1993	2.196	[1] 46.891	.554
1994	2.458	[2] [3] 52.112	.571
1995	3.169	54.717	.588
1996	3.353	57.453.	.606
1997	3.169.	60.326	.624

[1] 1993 - OVER $10 MILLION IN CLASS II PROPERTY TRANSFERRED TO PWC WASHINGTON

[2] ADDITIONS TO BUILDING 19 AND NEW GATE HOUSE @USNO WASHINGTON

[3] REPLACED MOST OF NAVAL OBSERVATORY TIME SERVICE SUBSTATION, FLORIDA (MILCON) DUE TO HURRICANE ANDREW DESTRUCTION.

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: U.S. NAVAL OBSERVATORY (USNO) WASHINGTON, D.C.

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance	**1.78**	**1.78**	-	-
Operational	**15.1**	**15.1**	-	-
Training	**0**	-	-	-
R & D	**0**	-	-	-
Supply & Storage	**0**	-	-	-
Admin/Parking	**2.99**	**2.99**	-	-
Housing	**16.98**	**16.98**	-	-
Recreational	**2.55**	**2.55**	-	-
Navy Forestry Program	**0**	-	-	-
Navy Agricultural Outlease Program	**0**	-	-	-
Hunting/Fishing Programs	**0**	-	-	-
Other - **Operational Buffer**	**32.72**	**0**	**32.72**	**0**
Total:	**72.12**	**39.40**	**32.72**	**0**

Note: Operational Buffer consisting of trees, heavy shrubs, and undeveloped land is required to maintain appropriate atmospheric conditions for observing.

22. Real Estate Resources - CONTINUED

Site Location: **U.S. NAVAL OBSERVATORY - TIME SERVICE SUBSTATION, MIAMI, FLORIDA (NOTSS) UIC: N0541A**

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance	**0**	-	-	-
Operational	**2.38**	**2.38**	-	-
Training	**0**	-	-	-
R & D	**0**	-	-	-
Supply & Storage	**0**	-	-	-
Admin/Parking	**0**	-	-	-
Housing	**0**	-	-	-
Recreational	**0**	-	-	-
Navy Forestry Program	**0**	-	-	-
Navy Agricultural Outlease Program	**0**	-	-	-
Hunting/Fishing Programs	**0**	-	-	-
0ther - **Operational Buffer**	**74.29**	**0**	**74.29**	**0**
Total:	**76.67**	**2.38**	**74.29**	**0**

Note: Operational Buffer consisting of undeveloped land is required for laser ranging tests conducted at the site.

22. Real Estate Resources - CONTINUED

Site Location: **U.S. NAVAL OBSERVATORY FLAGSTAFF STATION FLAGSTAFF, ARIZONA (NOFS) UIC: N0540A**

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance	**0**	-	-	-
Operational	**54.0**	**54.0**	-	-
Training	**0**	-	-	-
R & D	**0**	-	-	-
Supply & Storage	**0**	-	-	-
Admin/Parking	**0**	-	-	-
Housing	**0**	-	-	-
Recreational	**0**	-	-	-
Navy Forestry Program	**0**	-	-	-
Navy Agricultural Outlease Program	**0**	-	-	-
Hunting/Fishing Programs	**0**	-	-	-
0ther - **Operational Buffer**	**246.0**	**0**	**246.0**	**0**
Total:	**300.0**	**54.0**	**246.0**	**0**

Note: Operational Buffer consisting of trees, heavy shrubs, and undeveloped land is required is maintain appropriate atmospheric conditions for observing.

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

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

CDR TERRY A. HOWELL
NAME (Please type or print)

Terry A Howell
Signature

ACTING, SUPERINTENDENT
Title

1 July 1994
Date

U.S. NAVAL OBSERVATORY
Activity

BRAC-95 CERTIFICATION

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

LCDR ELIZABETH A. WALLACE
NAME (Please type or print)

Elizabeth A. Wallace
Signature

ADMIN/SECURITY OFFICER
Title

1 July 94
Date

Division

OPERATIONS
Department

U.S. NAVAL OBSERVATORY
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.

LT DARIUS BANAJI
NAME (Please type or print)

Signature

STAFF CIVIL ENGINEER
Title

7/01/94
Date

Division

FACILITIES MANAGEMENT
Department

U.S. NAVAL OBSERVATORY
Activity

BRAC-95 CERTIFICATION

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

DR. P. K. SEIDELMANN
NAME (Please type or print)

P. K. Seidelmann
Signature

DIRECTOR OF ASTROMETRY
Title

30 June 1994
Date

Division

Department

ASTROMETRY
Directorate

U.S. NAVAL OBSERVATORY
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.

DR. DENNIS D. MCCARTHY
NAME (Please type or print)

Signature

SUPERVISORY ASTRONOMER
Title

30 June 1994
Date

Division

EARTH ORIENTATION
Department

U.S. NAVAL OBSERVATORY
Activity

Enclosure (1)

84

DATA CALL 66
INSTALLATION RESOURCES

Activity Information:

Activity Name:	NAVAL OBSERVATORY
UIC:	N62285
Host Activity Name (if response is for a tenant activity):	N/A
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.**

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INSTALLATION RESOURCES

Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)			
Activity Name: NAVOBSY		**UIC: N62285**	
Category	**FY 1996 BOS Costs ($000)**		
	Non-Labor	**Labor**	**Total**
1. Real Property Maintenance Costs:			
1a. Maintenance and Repair	3236	117	3353
1b. Minor Construction	0	0	0
1c. Sub-total 1a. and 1b.	3236	117	3353
2. Other Base Operating Support Costs:			
2a. Utilities	307	0	307
2b. Transportation	33	0	33
2c. Environmental	219	0	219
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	792	1330	2122
2j. Other (Specify) **Other Base Support**	253	269	522
Physical Security	57	950	1007
2k. Sub-total 2a. through 2j:	1661	2549	4210
3. Grand Total (sum of 1c. and 2k.):	4897	2666	7536

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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:

Appropriation	Amount ($000)
O&M,N	**7,563**

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

Table 1B - Base Operating Support Costs (DBOF Overhead)			
Activity Name: NAVOBSY (NON-DBOF ACTIVITY)		UIC: N62285	
Category	FY 1996 Net Cost From UC/FUND-4 ($000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
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
1c. Sub-total 1a. through 1d.	N/A	N/A	N/A
2. Other Base Operating Support Costs:			
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
2m. Sub-total 2a. through 2l:	N/A	N/A	N/A
3. Depreciation	N/A	N/A	N/A
4. Grand Total (sum of 1c., 2m., and 3.) :	N/A	N/A	N/A

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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.

Table 2 - Services/Supplies Cost Data

Activity Name: NAVOBSY	**UIC: N62285**
Cost Category	**FY 1996 Projected Costs ($000)**
Travel:	10
Material and Supplies (including equipment):	364*
Industrial Fund Purchases (other DBOF purchases):	4083
Transportation:	33
Other Purchases (Contract support, etc.):	407
Total:	4897

* Includes DBOF and Non-DBOF.

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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.

Table 3 - Contract Workyears		
Activity Name: NAVOBSY		**UIC: N62285**
Contract Type		**FY 1996 Estimated Number of Workyears On-Base**
Construction:		0
Facilities Support:		0
Mission Support:	ADP and Technical Services	12
Procurement:		0
Other:*	Janitorial	10
Total Workyears:		22

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

Janitorial Contract: Basic janitorial duties; i.e., cleaning, vacuuming, dusting.

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)):

22

2) Estimated number of workyears which would be eliminated:

22

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)

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 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

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

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 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

Activity Name:	**U.S. NAVAL OBSERVATORY**
UIC:	**N62285**
Major Claimant:	**N00065**

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.

Average Appropriated Fund Civilian Salary Rate:	**$48,200.00**

Source of Data (1.a. Salary Rate):	**CP-2 FY96**

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			
Prince William	VA	-	2	-	30	60
Prince Georges	MD	1	38	21	22	30
Montgomery County	MD	2	35	20	20	45
Fairfax County	VA	4	33	20	20	45
Washington, DC	DC	2	29	17	10	20
Charles County	MD	1	1	1	35	60
Queen Annes	MD	-	3	2	52	70
Carrol County	MD	-	1	1	30	45
Arlington	VA	6	2	1	15	25
				= 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.

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:

Prince Georges County MD, Montgomery County MD, St. Mary's County MD, Charles County MD, Prince William County VA, Loudon County VA, Fairfax County VA

Source of Data (1.b. 1) & 2) Residence Data): LaShawn Green, Mgmt Assistant

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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)

Source of Data (1.c. Metro Areas): U.S. CENSUS BUREAU (301)763-5158 (Mary Bush, Population Division)

Metropolitan Statistical Area includes the following states and counties. All are located within a 50 mile radius of USNO Washington. The metropolitan statistical area population is 3.9 million people.

A. Washington DC area

C. Virginia
Arlington County
Fairfax County
Loudoun County
Prince William County
Stafford County
Alexandria County
Fairfax City
Falls Church City
Manassas City
Manassas Park City

B. Maryland
Calvert County
Charles County
Frederick County
Montgomery County
Prince Georges County

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Age Category	Number of Employees	Percentage of Employees
16 - 19 Years	-	-
20 - 24 Years	2	1.09
25 - 34 Years	49	26.63
35 - 44 Years	68	36.96
45 - 54 Years	29	15.76
55 - 64 Years	35	18.92
65 or Older	1	0.54
TOTAL	184	100%

Source of Data (1.d.) Age Data): LaShawn Green, Management Assistant

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.

Last School Year Completed	Number of Employees	Percentage of Employees
8th Grade or less	0	0
9th through 11th Grade	0	0
12th Grade or High School Equivalency	18	9.78
1-3 Years of College	54	29.35
4 Years of College (Bachelors Degree)	48	26.09
5 or More Years of College (Graduate Work)	64	34.24
TOTAL	184	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").

Degree	Number of Civilian Employees
Terminal Occupation Program - Certificate of Completion, Diploma or Equivalent (for areas such as technicians, craftsmen, artisans, skilled operators, etc.)	47
Associate Degree	8
Bachelor Degree	31
Masters Degree	17
Doctorate	19

Source of Data (1.e.1) and 2) Education Level Data): LaShawn Green, Mgmt Assist.

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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
1. Agriculture, Forestry & Fishing	01-09	-	-
2. Construction (includes facility maintenance and repair)	15-17	**2**	**1.1**
3. Manufacturing (includes Intermediate and Depot level maintenance)	20-39		
3a. Fabricated Metal Products (include ordnance, ammo, etc.)	34	**4**	**2.2**
3b. Aircraft (includes engines and missiles)	3721 et al	-	-
3c. Ships	3731	-	-
3d. Other Transportation (includes ground vehicles)	various	-	-
3e. Other Manufacturing not included in 3a. through 3d.	various	-	-
Sub-Total 3a. through 3e.	20-39	**4**	**2.2**

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Industry	SIC Codes	No. of Civilians	% of Civilians
4. Transportation/Communications/Utilities	40-49		
4a. Railroad Transportation	40	-	-
4b. Motor Freight Transportation & Warehousing (includes supply services)	42	**1**	**.5**
4c. Water Transportation (includes organizational level maintenance)	44	-	-
4d. Air Transportation (includes organizational level maintenance)	45	-	-
4e. Other Transportation Services (includes organizational level maintenance)	47	**1**	**.5**
4f. Communications	48	**4**	**2.2**
4g. Utilities	49	-	-
Sub-Total 4a. through 4g.	40-49	**5**	**2.7**
5. Services	70-89		
5a. Lodging Services	70	-	-
5b. Personal Services (includes laundry and funeral services)	72	-	-
5c. Business Services (includes mail, security guards, pest control, photography, janitorial and ADP services)	73	**7**	**3.8**
5d. Automotive Repair and Services	75	-	-
5e. Other Misc. Repair Services	76	-	-
5f. Motion Pictures	78	-	-
5g. Amusement and Recreation Services	79	-	-
5h. Health Services	80	-	-
5i. Legal Services	81	-	-
5j. Educational Services	82	-	-

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Industry	SIC Codes	No. of Civilians	% of Civilians
5k. Social Services	83	-	-
5l. Museums	84	-	-
5m. Engineering, Accounting, Research & Related Services (includes RDT&E, ISE, etc.)	87	**112**	**60.9**
5n. Other Misc. Services	89	**11**	**6.0**
Sub-Total 5a. through 5n.:	70-89	**130**	**70.6**
6. Public Administration	91-97		
6a. Executive and General Government, Except Finance	91	**1**	**.5**
6b. Justice, Public Order & Safety (includes police, firefighting and emergency management)	92	**25**	**13.6**
6c. Public Finance	93	**15**	**8.1**
6d. Environmental Quality and Housing Programs	95	**2**	**1.1**
Sub-Total 6a. through 6d.		**43**	**23.4**
TOTAL		**184**	**100%**

Source of Data (1.f.) Classification By Industry Data): LCDR E. A. WALLACE, USN Operations/Security Officer

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
1. Executive, Administrative and Management	**22**	**12.0**
2. Professional Specialty		
2a. Engineers	**2**	**.5**
2b. Architects and Surveyors	-	-
2c. Computer, Mathematical & Operations Research	**11**	**6.0**
2d. Life Scientists	-	-
2e. Physical Scientists	**65**	**35.3**
2f. Lawyers and Judges	-	-
2g. Social Scientists & Urban Planners	-	-
2h. Social & Recreation Workers	-	-
2i. Religious Workers	-	-
2j. Teachers, Librarians & Counselors	**2**	**1.1**
2k. Health Diagnosing Practitioners (Doctors)	-	-
2l. Health Assessment & Treating(Nurses, Therapists, Pharmacists, Nutritionists, etc.)	-	-

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Occupation	Number of Civilian Employees	Percent of Civilian Employees
2m. Communications	-	-
2n. Visual Arts	-	-
Sub-Total 2a. through 2n.:	**102**	**55.4**
3. Technicians and Related Support		
3a. Health Technologists and Technicians	-	-
3b. Other Technologists	**23**	**12.5**
Sub-Total 3a. and 3b.:	**23**	**12.5**
4. Administrative Support & Clerical	**28**	**15.2**
5. Services		
5a. Protective Services (includes guards, firefighters, police)	**25**	**13.6**
5b. Food Preparation & Service	-	-
5c. Dental/Medical Assistants/Aides	-	-
5d. Personal Service & Building & Grounds Services (includes janitorial, grounds maintenance, child care workers)	-	-
Sub-Total 5a. through 5d.	**25**	**13.6**
6. Agricultural, Forestry & Fishing	-	-
7. Mechanics, Installers and Repairers	-	-
8. Construction Trades	-	-
9. Production Occupations	**4**	**2.2**
10. Transportation & Material Moving	-	-
11. Handlers, Equipment Cleaners, Helpers and Laborers (not included elsewhere)	**2**	**1.1**
TOTAL	**184**	**100%**

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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.
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.

DATA CALL 65
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:	**80%**
2. Percentage of Military Spouses Who Work Outside of the Home:	**37.5%**
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:	**0**
3b. Employed "On-Base" - Non-Appropriated Fund:	**0**
3c. Employed "Off-Base" - Federal Employment:	**0**
3d. Employed "Off-Base" - Other Than Federal Employment	**3**

Source of Data (1.h.) Spouse Employment Data): LCDR E. A. WALLACE, USN
Operations/Security Officer

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	A	A	A
Schools - Public	A	A	A
Schools - Private	A	A	A
Public Transportation - Roadways	B	B	B
Public Transportation - Buses/Subways	B	B	B
Public Transportation - Rail	B	B	B
Fire Protection	A	A	A
Police	B	B	B
Health Care Facilities	A	A	A
Utilities:			
Water Supply	A	A	A
Water Distribution	A	A	A
Energy Supply	A	A	B
Energy Distribution	A	A	B
Wastewater Collection	A	A	A
Wastewater Treatment	A	A	A
Storm Water Collection	A	A	B
Solid Waste Collection and Disposal	A	A	A
Hazardous/Toxic Waste Disposal	A	A	A
Recreational Activities	A	A	A

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

DATA CALL 65
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.

Source of Data (2.a. 1) & 2) - Local Community Table):

D. BANAJI (LT, CEC, USN) Staff Civil Engineer
F. KOZACK, PWC Utilities Branch
S. BOYLE, PEPCO

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	A	A	A
Schools - Public	A	A	A
Schools - Private	A	A	A
Public Transportation - Roadways	A	A	A
Public Transportation - Buses/Subways	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	A	A

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

DATA CALL 65
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.

Source of Data (2.b. 1) & 2) - Regional Table):

D. BANAJI LT, CEC, USN

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:

Prince Georges County, MD - 6%
St. Marys County, MD - 6%
Prince William County, VA - 5%
Montgomery County, MD - 6%
Charles County, MD - 3.5%
Fairfax County, VA - 6%

Units for Sale:

Prince Georges County, MD - 6%
St. Marys County, MD - 6%
Prince William County, VA - 6%
Montgomery County, MD - 6%
Charles County, MD - 6%
Fairfax County, VA - 6%

Source of Data (3.a. Off-Base Housing): Housing Referral Service Files and MLS

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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	
Washington, DC		120	4	16			20		yes
Prince Georges	County	117	26	20			25		yes
Montgomery	County	122	25	20			20		yes
Fairfax	County	130	20	23			25		yes
Arlington	County	9	6	4			16		yes
Charles	County	17	6	5			15		
Queen Anne	County		3	1			40		
Prince William	County	40	11	7			25		yes

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

Enrollment information not available due to school not in session.

Source of Data (3.b.1) Education Table): Board of Education for each County.

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

None.

Source of Data (3.b.2) On-Base Schools): Board of Education for each County.

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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 :

AGGREGATE COUNTY	UNDERGRADUATE	GRADUATE
Washington, D.C.	Catholic University American University George Washington Georgetown Univ District of Columbia	Catholic University American Univserity George Washington Georgetown Univ District of Columbia
Prince Georges County	Prince Georges Community College University of Maryland	Prince Georges Community College University of Maryland Bowie State
Fairfax County	Pimmit Hill Center	None
Arlington County	George Mason University Mary Mount College	George Mason University Mary Mount College

Source of Data (3.b.3) Colleges): Individual Counties.

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:

Washington DC
Chambelain Voc School
Calvinade Beauty Academy

Montgomery County
None

Prince Georges
Tall Oak Vocational
Croom Vocational

Fairfax
None

Arlington
Arlington Career Center
Auto/Tech Center

Source of Data (3.b.4) Vo-tech Training): County Schools and phone resource.

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

c. **Transportation.**

1) Is the activity served by public transportation?

	Yes	No
Bus:	X	
Rail:		X
Subway:		X
Ferry:		X

Source of Data (3.c.1) Transportation): Washington Metro Area Transit Authority

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.

8 - 10 miles to Union Station (by car)
30 minutes by bus with transfer to subway
40 to 45 minutes by bus to bus (no subway)

Source of Data (3.c.2) Transportation): Washington Metro Area Transit Authority

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.

7 - 10 miles, National Airport (Arlington, VA)

Source of Data (3.c.3) Transportation): National Airport information

4) How many carriers are available at this airport? 11

Source of Data (3.c.4) Transportation): National Airport information (703)419-8000

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

3 miles, Route 66

Source of Data (3.c.5) Transportation): LT D. BANAJI, CEC, USN
Staff Civil Engineer, USNO

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.)

Sufficient road capacity. Could potentially use left turn arrow and two gate entrances (34th street gate and south gate). Total of 5 gates; only 3 used on a regular basis.

b) Do access roads transit residential neighborhoods?

No.

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

No.

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

No.

Source of Data (3.c.6) Transportation): LT D. BANAJI, CEC, USN
Staff Civil Engineer, USNO

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. **No. The local Washington, DC Fire Department has historically provided the fire protection. Naval District Washington, Navy Public Works Center (PWC) presently provides hazardous material clean up.**

Source of Data (3.d. Fire/Hazmat):	**LT D. BANAJI, CEC, USN** **Staff Civil Engineer, USNO**

e. **Police Protection.**

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

The level of jurisdication is concurrent for the installation.

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.

The Observatory encompasses a total of 72 acres. Exclusive of the 12 acres which encompasses the official temporary residence of the Vice President of the United States. The USNO has concurrent jurisdiction with the District of Columbia. The Secret Service by agreement has exclusive jurisdiction of about 12 acres.

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

No.

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.

N/A

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. **The installation is not covered by military law enforcement. USNO utilized DoD GS-083 series police officers to provide base security.**

Source of Data (3.e. 1) - 5) - Police):	**LCDR E. A. WALLACE, USN** **Administration Security Officer**

DATA CALL 65
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.

No. All agreements for utilities are between the Navy Public Works Center, Washington and appropriate agencies.

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.

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.

Source of Data (3.f. 1) - 3) Utilities):
LT DARIUS BANAJI, CEC, USN - SCE, USNO
S. BOYLE, PEPCO

DATA CALL 65
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. Federal government	Public Administration	231,900
2. Marriott Corp (world wide)	Hotel/food service	170,000
3. Bell Atlantic (metro)	Telephone services	60,000
4. State and local government	Public Administration	59,700
5. MCI Communications (world)	Telecommunictions	36,235
6. Giant Food, Inc (metro)	Supermarkets	18,000
7. Mobile Corp (metro area)	oil products	5,000
8. GEICO (metro area)	insurance	5,000
9. PEPCO (metro area)	electric utility	4,950
10. U.S. AIR, Inc (metro area)	airline	4,595

Source of Data (4. Business Profile): Department of Labor
(202) 606-6559

DATA CALL 65
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:

   None.

   b. Introduction of New Businesses/Technologies:

   None.

   c. Natural Disasters:

   None.

   d. Overall Economic Trends:

   Economic growth due to lower interest rates.

Source of Data (5. Other Socio/Econ): Greater Washington Research Center (202) 387-0900

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

Source of Data (6. Other):

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.

DATA BEING CERTIFIED DATA CALL 65

ACTIVITY COMMANDER

CAPT R. E. BLUMBERG
NAME (Please type or print)

R E Blumberg
Signature

SUPERINTENDENT
Title

July 15, 1994
Date

U.S. NAVAL OBSERVATORY
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

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

Signature

Acting
Title

14 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.

LCDR ELIZABETH A. WALLACE
NAME (Please type or print)

Elizabeth A. Wallace
Signature

OPERATIONS/SECURITY OFFICER
Title

15 July 1994
Date

Division

OPERATIONS DEPARTMENT
Department

U.S. NAVAL OBSERVATORY
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.

TARSHA C. MCFARLAND

NAME (Please type or print)

Signature

OFFICE AUTOMATION CLERK

Title

7-15-94

Date

OPERATIONS SERVICES DIVISION

Division

OPERATIONS DEPARTMENT

Department

U.S. NAVAL OBSERVATORY

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.

DENISE LENKIEWICZ
NAME (Please type or print)

Signature

SUPPORT SERVICES SUPERVISOR
Title

Date

OPERATIONS SERVICES DIVISION
Division

OPERATIONS DEPARTMENT
Department

U.S. NAVAL OBSERVATORY
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.

GAIL D. WITCHER
NAME (Please type or print)

Signature

COMPTROLLER
Title

7/15/94
Date

ACCOUNTING
Division

RESOURCES MANAGEMENT
Department

U.S. NAVAL OBSERVATORY
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.

D. BANAJI
NAME (Please type or print)

Signature

DEPARTMENT HEAD
Title

15 JUL 94
Date

FACILITIES MANAGEMENT
Division

FACILITIES MANAGEMENT
Department

U.S. NAVAL OBSERVATORY
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.

LASHAWN GREEN
NAME (Please type or print)

LaShawn Green
Signature

PERSONNEL OFFICER
Title

7/13/94
Date

OPERATIONS SERVICE DIVISION
Division

OPERATIONS DEPARTMENT
Department

U.S. NAVAL OBSERVATORY
Activity

Enclosure (1)

64 R

DATA CALL 64
CONSTRUCTION COST AVOIDANCES

Table 1: Military Construction (MILCON) Projects (Excluding Family Housing Construction Projects)

Installation Name:	**WASHINGTON DC NAVOBSY**
Unit Identification Code (UIC):	**N62285**
Major Claimant:	**NAVOCEAN**

Project FY	Project No.	Description	Appn	Project Cost Avoid ($000)
1992	044	ALTERNATE OPERATIONS CENTER *	MCON	814
		Sub-Total - 1992		**814**
1999	029	OPTIC INTERFEROMETER FAC	MCON	5,000
		Sub-Total - 1999		**5,000**
		Grand Total		**5,814**

(Revised 9 Dec 94) *(* - Cost Avoidance is less than project programmed amount)*

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

MILCON PROGRAMMING DIVISION
Division

NAVAL FACILITIES ENGINEERING COMMAND
Activity

MD Thornton
Signature

9 Dec 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)

Signature

COMMANDER
Title

12/9/94
Date

NAVAL FACILITIES ENGINEERING COMMAND
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)

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

Signature

Title

12/7/94
Date