DATA CALL 64

CONSTRUCTION COST AVOIDANCES

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

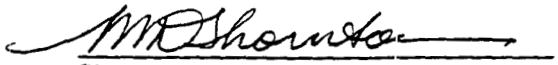
Installation Name:	**ST INIGOES MD NAVELEXSYS**
Unit Identification Code (UIC):	**N65980**
Major Claimant:	**SPAWAR**

Project FY	Project No.	Description	Appn	Project Cost Avoid ($000)
1998	721	ELECTRONICS EQP STRG FAC	MCON	9,680
		Sub-Total - 1998		**9,680**
		Grand Total		**9,680**

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)


Signature

CDR, CEC, USN
Title

9 Dec 94
Date

MILCON PROGRAMMING DIVISION
Division

NAVAL FACILITIES ENGINEERING COMMAND
Activity

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

MAJOR CLAIMANT LEVEL

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

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

12/11/94
Date

Document Separator

DATA CALL 64

CONSTRUCTION COST AVOIDANCES

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

Installation Name:	**ST INIGOES MD NAVELEXSYS**
Unit Identification Code (UIC):	**N65980** #216
Major Claimant:	**SPAWAR**

Project FY	Project No.	Description	Appn	Project Cost Avoid ($000)
1998	721	ELECTRONICS EQP STRG FAC	MCON	9,680
		Sub-Total - 1998		**9,680**
		Grand Total		**9,680**

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 E Buffington
Signature

7/13/94
Date

COMMANDER
Title

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

7/18/94
Date

Title

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.

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DATA CALL 66
INSTALLATION RESOURCES

Activity Information:

Activity Name:	Naval Command, Control and Ocean Surveillance Center, ISE East Coast Detachment, St. Inigoes*
UIC:	N65980
Host Activity Name (if response is for a tenant activity):	Naval Air Warfare Center, Aircraft Division, Patuxent River
Host Activity UIC:	N00421

***BRAC 93 identified approximately two-thirds of NISEEAST DET ST INIGOES MD work areas to remain at St. Inigoes and transfer to NAWCAD PATUXENT RIVER MD, (NAVAIR) and one-third to be subsequently relocated to NISEEAST CHARLESTON SC (SPAWAR). The transfer to NAVAIR is scheduled on or before 3 October 1994; however, the FY96 Budget Submit by SPAWAR includes all costs at St. Inigoes. To meet the requirement that the data reported herein be consistent with the SPAWAR FY96 Budget Submission, this Data Call includes the entire SPAWAR FY96 Budget Submission for St. Inigoes divided between NISEEAST DET ST INIGOES MD, UIC N65980 and NAWCAD PATUXENT RIVER MD, UIC N00421.**

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.

DATA CALL 66
INSTALLATION RESOURCES

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.**

Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)			
Activity Name: NAWCAD PATUXENT RIVER MD		**UIC: N00421**	
Category	**FY 1996 BOS Costs ($000)**		
	Non-Labor	**Labor**	**Total**
1. Real Property Maintenance Costs:			
1a. Maintenance and Repair			
1b. Minor Construction			
1c. Sub-total 1a. and 1b.			None
2. Other Base Operating Support Costs:			
2a. Utilities	321		321
2b. Transportation			
2c. Environmental			
2d. Facility Leases			
2e. Morale, Welfare & Recreation			
2f. Bachelor Quarters			
2g. Child Care Centers			
2h. Family Service Centers			
2i. Administration			
2j. Other (Specify) *	753		753
2k. Sub-total 2a. through 2j:	1074		1074

3. Grand Total (sum of 1c. and 2k.):	1074		1074

*** OES = $523K; Janatorial/Fire Protection, Base Comm = $230K**

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)
N/A	

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

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

DATA CALL 66
INSTALLATION RESOURCES

Table 1B - Base Operating Support Costs (DBOF Overhead)			
Activity Name: NAWCAD PATUXENT RIVER MD		**UIC: N00421**	
Category	**FY 1996 Net Cost From UC/FUND-4 ($000)**		
	Non-Labor	**Labor**	**Total**
1. Real Property Maintenance Costs:			
1a. Real Property Maintenance (>$15K)	449		449
1b. Real Property Maintenance (<$15K)	352		352
1c. Minor Construction (Expensed)	120		120
1d. Minor Construction (Capital Budget)	370		370
1c. Sub-total 1a. through 1d.	1291		1291
2. Other Base Operating Support Costs:			
2a. Command Office	923	1402	2325
2b. ADP Support	949	618	1567
2c. Equipment Maintenance	241		241
2d. Civilian Personnel Services	6	18	24
2e. Accounting/Finance	133	190	323
2f. Utilities	350		350
2g. Environmental Compliance	137		137
2h. Police and Fire	656	69	725
2i. Safety	33	63	96
2j. Supply and Storage Operations	157	135	292
2k. Major Range Test Facility Base Costs			
2l. Other (Specify) FECA, LSL, RETIRE (see below)*	2014	181	2195
2m. Sub-total 2a. through 2l:	5599	2676	8275
3. Depreciation	799		799
4. Grand Total (sum of 1c., 2m., and 3.) :	7689	2676	10365

*21. Also includes: OES, Contract Sup Base Comm, Other Base Services

DATA CALL 66
INSTALLATION RESOURCES

Table 1B - Base Operating Support Costs (DBOF Overhead)			
Activity Name: NISEEAST DET ST INIGOES MD		**UIC: N65980**	
Category	**FY 1996 Net Cost From UC/FUND-4 ($000)**		
	Non-Labor	**Labor**	**Total**
1. Real Property Maintenance Costs:			
1a. Real Property Maintenance (>$15K)	119		119
1b. Real Property Maintenance (<$15K)			
1c. Minor Construction (Expensed)	120		120
1d. Minor Construction (Capital Budget)			
1c. Sub-total 1a. through 1d.	239		239
. Other Base Operating Support Costs:			
2a. Command Office	99	318	417
2b. ADP Support	129	90	219
2c. Equipment Maintenance	71		71
2d. Civilian Personnel Services			
2e. Accounting/Finance	18	135	153
2f. Utilities	88		88
2g. Environmental Compliance	17	2	19
2h. Police and Fire	80	38	118
2i. Safety	54	17	71
2j. Supply and Storage Operations	79	91	170
2k. Major Range Test Facility Base Costs			
2l. Other (Specify)*	334	61	395
2m. Sub-total 2a. through 2l:	969	752	1721
3. Depreciation	113		113
4. Grand Total (sum of 1c., 2m., and 3.) :	1321	752	2073

*21. Contract Support, Payments to GSA, other ENG Support, and other Base Services

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: NAWCAD PATUXENT RIVER MD	**UIC: N00421**
Cost Category	**FY 1996 Projected Costs ($000)**
Travel:	1044
Material and Supplies (including equipment):	58530
Industrial Fund Purchases (other DBOF purchases):	4762
Transportation:	36
Other Purchases (Contract support, etc.):	28885
Total:	93257

Table 2 - Services/Supplies Cost Data	
Activity Name: NISEEAST DET ST INIGOES MD	**UIC: N65980**

Cost Category	FY 1996 Projected Costs ($000)
Travel:	825
Material and Supplies (including equipment):	1913
Industrial Fund Purchases (other DBOF purchases):	1013
Transportation:	4
Other Purchases (Contract support, etc.):	22571
Total:	26326

DATA CALL 66
INSTALLATION RESOURCES

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: NAWCAD PATUXENT RIVER MD	**UIC: N00421**
Contract Type	**FY 1996 Estimated Number of Workyears On-Base**
Construction:	5
Facilities Support:	44
Mission Support:	390
Procurement:	0
Other:*	0
Total Workyears:	439

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

Table 3 - Contract Workyears	
Activity Name: NISEEAST DET ST INIGOES MD	**UIC: N65980**
Contract Type	**FY 1996 Estimated Number of Workyears On-Base**
Construction:	0
Facilities Support:	0
Mission Support:	192
Procurement:	0
Other:*	0
Total Workyears:	192

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

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)):

192/439

192 -- NISEEAST DET ST INIGOES MD
439 -- NAWCAD PATUXENT RIVER MD

2) Estimated number of workyears which would be eliminated:

0/0

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):

0/0

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.)
0/0	

No. of Additional Contract Workyears Which Would Be Relocated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)
273/984*	Mission Support (by their definition)

*273 -- NISEEAST DET ST INIGOES MD
984 -- NAWCAD PATUXENT RIVER MD

Note: All contractors will be relocated based on the work required at the two sites.

BRAC-95 CERTIFICATION

Certified Data: BRAC 95 Data Call Number Sixty-Six - NISEEAST DET ST INIGOES MD

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

NEXT ECHELON LEVEL (if applicable)

J. J. DONEGAN
NAME (Please type or print)

SIGNATURE

Commander
Title

22 JULY 1994
DATE

Naval Command, Control and Ocean
Surveillance Center
Activity

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

MAJOR CLAIMANT LEVEL

W. H. CANTRELL
NAME (Please type or print)

W. H. Cantrell
Signature

Commander
Title

27 July 1994
Date

Space and Naval Warfare
Systems 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 JR
NAME (Please type or print)

Signature

Title

8/9/94
Date

Activity

BRAC-95 CERTIFICATION

Certified Data: BRAC 95 Data Call Number Sixty-Six -NISEEAST DET ST INIGOES MD

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

A. W. LENGERICH
Name

A W Lengerich
Signature

Commanding Officer
Title

22 JULY 1994
Date

NISE East
Activity

Document Separator

214

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:	Naval Command, Control and Ocean Surveillance Center, ISE East Coast Detachment, St. Inigoes*
UIC:	N65980
Major Claimant:	Space and Naval Warfare Systems Command, Washington DC

*** BRAC 93 language identified approximately two-thirds of the work areas to remain at NISEEAST DET ST INIGOES MD and transfer to Naval Air Systems Command, the other one-third to transfer to NISEEAST CHARLESTON SC.**

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.

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:	$49,300

Source of Data (1.a. Salary Rate):NCCOSC SAN DIEGO End Strength Authorizations For FY92 To FY99 DTD 6/94 & FY96/97 A-11 Budget Submission.

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 NISEEAST DET ST INIGOES MD	State	No. of Employees Residing in County		Percentage of Total Employees	Average Distance From Base (Miles)	Average Duration of Commute (Minutes)
		Military	Civilian			
St. Mary's County	MD	10	104	96%	15	20
Calvert County	MD	0	3	3%	25	35
Prince George's	MD	0	1	1%	50	60
Charles County	MD	0	1	1%	50	60

116= 100%

County of Residence NAWCAD PATUXENT RIVER MD	State	No. of Employees Residing in County		Percentage of Total Employees	Average Distance From Base (Miles)	Average Duration of Commute (Minutes)
		Military	Civilian			
St. Mary's County	MD	15	213	95%	15	20
Calvert County	MD	1	8	4%	25	35
Other	MD	0	3	1%	N/A	N/A

243 = 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:

NAWCAD PATUXENT RIVER MD

Source of Data (1.b. 1) & 2) Residence Data): DCPDS

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)
Washington, DC	N/A	80
Baltimore, MD	Baltimore	94

Source of Data (1.c. Metro Areas): Official Table of Distance, PSD NAWCAD, Pax River

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

NISEEAST DET SI INIGOES MD

Age Category	Number of Employees	Percentage of Employees
16 - 19 Years	0	0
20 - 24 Years	2	2%
25 - 34 Years	24	23%
35 - 44 Years	33	28%
45 - 54 Years	30	28%
55 - 64 Years	20	19%
65 or Older	0	0%
TOTAL	109	100 %

NAWCAD PATUXENT RIVER MD

Age Category	Number of Employees	Percentage of Employees
16 - 19 Years	0	0
20 - 24 Years	3	1%
25 - 34 Years	73	32%
35 - 44 Years	66	31%
45 - 54 Years	64	28%
55 - 64 Years	14	6%
65 or Older	4	2%
TOTAL	224	100 %

Source of Data (1.d.) Age Data): DCPDS

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.

NISEEAST DET ST INIGOES MD

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	24	20%
1-3 Years of College	23	22%
4 Years of College (Bachelors Degree)	52	49%
5 or More Years of College (Graduate Work)	10	9%
TOTAL	109	100 %

NAWCAD PATUXENT RIVER MD

Last School Year Completed	Number of Employees	Percentage of Employees
8th Grade or less	0	0
9th through 11th Grade	3	1%
12th Grade or High School Equivalency	33	16%
1-3 Years of College	63	28%
4 Years of College (Bachelors Degree)	111	49%
5 or More Years of College (Graduate Work)	14	6%
TOTAL	224	100 %

Source of Data (1.e.1) and2)Education Level Data):

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").

NISEEAST DET ST INIGOES MD

Degree	Number of Civilian Employees
Terminal Occupation Program - Certificate of Completion, Diploma or Equivalent (for areas such as technicians, craftsmen, artisans, skilled operators, etc.)	3
Associate Degree	0
Bachelor Degree	52
Masters Degree	10
Doctorate	0

NAWCAD PATUXENT RIVER MD

Degree	Number of Civilian Employees
Terminal Occupation Program - Certificate of Completion, Diploma or Equivalent (for areas such as technicians, craftsmen, artisans, skilled operators, etc.)	4
Associate Degree	13
Bachelor Degree	111
Masters Degree	14
Doctorate	0

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

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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.**

NISEEAST DET ST INIGOES MD

Industry	SIC Codes	No. of Civilians	% of Civilians
1. Agriculture, Forestry & Fishing	01-09		
2. Construction (includes facility maintenance and repair)	15-17		
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		
4. Transportation/Communications/Utilities	40-49		
4a. Railroad Transportation	40		

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Industry	SIC Codes	No. of Civilians	% of Civilians
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		
4g. Utilities	49		
Sub-Total 4a. through 4g.	40-49		
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	2	2%
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		

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Industry	SIC Codes	No. of Civilians	% of Civilians
5m. Engineering, Accounting, Research & Related Services (includes RDT&E, ISE, etc.)	87	100	92%
5n. Other Misc. Services	89	7	6%
Sub-Total 5a. through 5n.:	70-89	109	100%
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		
6d. Environmental Quality and Housing Programs	95		
Sub-Total 6a. through 6d.			
TOTAL		109	100 %

NAWCAD PATUXENT RIVER MD

Industry	SIC Codes	No. of Civilians	% of Civilians
1. Agriculture, Forestry & Fishing	01-09		
2. Construction (includes facility maintenance and repair)	15-17		
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		

Industry	SIC Codes	No. of Civilians	% of Civilians
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. 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		
4g. Utilities	49		
Sub-Total 4a. through 4g.	40-49		
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	32	14%
5d. Automotive Repair and Services	75		

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Industry	SIC Codes	No. of Civilians	% of Civilians
5e. Other Misc. Repair Services	76	4	2%
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	172	77%
5n. Other Misc. Services	89	16	7%
Sub-Total 5a. through 5n.:	70-89	224	100%
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		
6d. Environmental Quality and Housing Programs	95		
Sub-Total 6a. through 6d.			
TOTAL		224	100 %

Source of Data (1.f.) Classification By Industry Data): DCPDS

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.**

NISEEAST DET ST INIGOES MD

Occupation	Number of Civilian Employees	Percent of Civilian Employees
1. Executive, Administrative and Management	14	13%
2. Professional Specialty		
2a. Engineers	59	54%
2b. Architects and Surveyors		
2c. Computer, Mathematical & Operations Research	2	2%
2d. Life Scientists		
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)		

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Occupation	Number of Civilian Employees	Percent of Civilian Employees
2l. Health Assessment & Treating(Nurses, Therapists, Pharmacists, Nutritionists, etc.)		
2m. Communications		
2n. Visual Arts		
Sub-Total 2a. through 2n.:	58	55%
3. Technicians and Related Support		
3a. Health Technologists and Technicians		
3b. Other Technologists	23	21%
Sub-Total 3a. and 3b.:	23	21%
4. Administrative Support & Clerical	10	9%
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)		
Sub-Total 5a. through 5d.		
6. Agricultural, Forestry & Fishing		
7. Mechanics, Installers and Repairers		
8. Construction Trades		
9. Production Occupations	1	1%
10. Transportation & Material Moving		
11. Handlers, Equipment Cleaners, Helpers and Laborers (not included elsewhere		

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Occupation	Number of Civilian Employees	Percent of Civilian Employees
TOTAL	109	100 %

NAWCAD PATUXENT RIVER MD

Occupation	Number of Civilian Employees	Percent of Civilian Employees
1. Executive, Administrative and Management	26	12%
2. Professional Specialty		
2a. Engineers	104	46%
2b. Architects and Surveyors		
2c. Computer, Mathematical & Operations Research		
2d. Life Scientists		
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		
2n. Visual Arts		
Sub-Total 2a. through 2n.:	107	47%
3. Technicians and Related Support		

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Occupation	Number of Civilian Employees	Percent of Civilian Employees
3a. Health Technologists and Technicians		
3b. Other Technologists	58	26%
Sub-Total 3a. and 3b.:	58	26%
4. Administrative Support & Clerical	30	13%
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)		
Sub-Total 5a. through 5d.		
6. Agricultural, Forestry & Fishing		
7. Mechanics, Installers and Repairers		
8. Construction Trades	4	2%
9. Production Occupations	2	1%
10. Transportation & Material Moving		
11. Handlers, Equipment Cleaners, Helpers and Laborers (not included elsewhere)		
TOTAL	224	100 %

Source of Data (1.g.) Classification By Occupation Data): DCPDS

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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.

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.**

NISEEAST DET ST INIGOES MD

1. Percentage of Military Employees Who Are Married:	73%
2. Percentage of Military Spouses Who Work Outside of the Home:	40%
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	100%

NAWCAD PATUXENT RIVER MD

1. Percentage of Military Employees Who Are Married:	75%
2. Percentage of Military Spouses Who Work Outside of the Home:	31%
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:	8%
3b. Employed "On-Base" - Non-Appropriated Fund:	0%
3c. Employed "Off-Base" - Federal Employment:	0%
3d. Employed "Off-Base" - Other Than Federal Employment	92%

Source of Data (1.h.) Spouse Employment Data): Military Roster for NISE-East Det St. Inigoes

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	A	A	A
Public Transportation - Buses/Subways	N/A	N/A	N/A
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:			
Water Supply	A	A	A
Water Distribution	A	A	A
Energy Supply	A	A	A
Energy Distribution	A	A	A
Wastewater Collection	A	A	A
Wastewater Treatment	A	A	A
Storm Water Collection	A	A	A
Solid Waste Collection and Disposal	A	A	A
Hazardous/Toxic Waste Disposal	A	A	A
Recreational Activities	A	A	A

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.

Source of Data (2.a. 1) & 2) - Local Community Table): St. Mary's County Economic Development Division.

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	N/A	N/A	N/A
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:			
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

Category	20% Increase	50% Increase	100% Increase
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.

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.

Source of Data (2.b. 1) & 2) - Regional Table): St. Mary's County Economic Development Division.

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: 8%

Units for Sale: 5%

Source of Data (3.a. Off-Base Housing): Tri-County Data/May 1994 Survey SMC DECD.

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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? *
		Element-ary	Middle	High	Current	Max. Capacity	Current	Max. Ratio	
St. Mary's County	St. Mary's	16[a]	4	3[b]	13063[c]	13342	PK/K 1:20 1-2 1:23 3-12 1:24	PK/K 1:20 1-2 1:26 3-12 1:29	Yes
Private	St. Mary's	d	d	d	1987	2280	1:16	PK/K 1:20 1-8 1:30[e]	Yes
Calvert County	Calvert	9[f]	4	2[f]	11694[c]	12403	1:25	6:25	Yes
Private	Calvert	h	h	h	430	525	1:12	PK/K 1:20 1-8 1:30[e]	Yes
Charles County	Charles	18	e	5[a]	9772[e]	21426	K 1:20 1-12 1:25	1:30	Yes
Private	Charles	j	j	j	2183	2545	1:14	1:20[e]	Yes

a: There are 2 special education centers, these are integrated with elementary schools.
b: There is also a technical center not counted here.
c: Public school counts are of full time equivalents.
d: 7 and PreK or K-8; 1 is 1-8; 1 is 5-11; 1 is 8-12; and 1 is K-12. There is a Mennonite School not counted. (Enrollment is 101).
e: Individual schools may set lower limits.
f: One special education center and 1 technical education center not counted.
g: One Technical Education Center not counted.
h: One is K-8 and 1 is PreK-12.
i: Counts do not include : 1 alternative school, 1 special education center, 1 vocational/technical school, and 1 adult center.
j: One is PreK-4; 3 are Prek-5, 1 is PreK-8, 1 is PreK-12, 5 are K-8, 2 are PreK and K.

* 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): Survey of Tri-County Public & Private Schools, hrchdiocese. c=Washington VOS, Indian Head by St. Mary's County Department of Economic & Community Development.

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

No

Source of Data (3.b.2) On-Base Schools):

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 :

COLLEGE OR UNIVERSITY	DEGREES OFFERED
Capitol College	Bachelors Degrees
Charles County Community College	Associate Degrees and Certificates
Emby-Riddle Aeronautical University	Associate, Bachelor, and Graduate Degrees
Florida Institute of Technology	Graduate Degrees
St. Mary's College of Maryland	Bachelors Degrees
University of Maryland University College	Bachelors and Graduate Degrees

Source of Data (3.b.3) Colleges): Southern Maryland Resource Guide, as of June 94

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:

Each county supports a vocational/technical training school. St. Mary's Technical Center offers four Tech Prep clusters: Applied Business/Management Technologies, Applied Engineering/Mechanical Technologies, Applied Health/Human Services Technologies, and a Four-Year College Universiy cluster.

In Calvert County, Calvert Career Centers offer two major pathways: Occupational Technology pathway or Advanced Tech Prep pathways comprised of three areas: Engineering Technology, Health and Human Services and Business Technology.

Charles County offers vocational education through Business and Home Economics programs in all high schools, a graphics arts program at McDonough High School and a full range of 18 technical and industrial programs at the Vocation-Technical Center.

VOCATIONAL/TECHNICAL SCHOOL	MAJOR CURRICULUMS
Calvert County Vocational-Technical Center	Air conditioning, plumbing and heating, automotive mechanics, carpentry, child care, clerical office worker, clothing and textiles, computer programming, cosmetology, electricity, food production and management, geriatric care, graphic arts, masonry, medical assisting, secretary and welding.
Charles County Vocational-Technical Center	Full range of Vocational-Technical subjects (grades 9-12)
St. Mary's County Vocational-Technical Center	Full range of Vocational-Technical subjects
H&R Block (various locations)	Income Tax Preparation Training
Melwood Farm Training Center	Vocational training for mentally and physically disabled individuals

Source of Data (3.b.4) Vo-tech Training): Tri-County Public Schools

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): St. Mary's County Department of Economic and Community Development

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.

66 miles to AMTRAK/New Carrollton
65 miles to AMTRAK/Washington, D.C.

Source of Data (3.c.2) Transportation): Maryland Department of Transportation Map

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.

St. Mary's County Airport	7 miles
Washington National Airport	69 miles

Additional airports in the area include:

Dulles International Airport	92 miles
Baltimore Washington International Airport	90 miles

Source of Data (3.c.3) Transportation): Maryland Department of Transportation Map

4) How many carriers are available at this airport?

Charter service is available at St. Mary's County Airport. The chart below details carriers at adjacent metro area airports.

	Commercial	Commuter
Washington National Airport	12	6
Baltimore Washington International	30	2
Dulles International Airport	23	5

Source of Data (3.c.4) Transportation): St. Mary's County Department of Economics and Community Development, Queried Airports

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

Interstate Highway 95/495 54 miles

Source of Data (3.c.5) Transportation): Maryland Department of Transportation Map

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.)

Quality (conditions) of all roads is very good. The level of service on Route 235, north of NAWCADPAX, ranges from very good to poor during a.m. and p.m. peak hours. Route 235, south of NAWCADPAX, for the traffic heading in the direction of NISEEAST DET ST INIGOES MD is excellent. Route 246 service ranges from excellent to fair. Service has improved with recently completed construction of rear North Gate. Completion of PeggRoad is expected summer 1995; completion of additional lanes on Route 246 is underway. Widening Chancellors Run Road to four lanes is being studied; widening Route 235 to six lanes is also being studied. Hewitt Road is being straightened and modified as thoroughfare to align with crossover at Rue's Purchase Road. This will provide bettter access to Routes 235 and 237.*

* Definitions:

Excellent	-	free unobstructed flow, all signal phases sufficient
Very Good	-	stable flow, a few phase unable to handle all vehicles
Good	-	conditions of stable flow, delays are low to moderate, full use of peak direction signal phase
Fair	-	approaching unstable flow, moderate to heavy delays
Poor	-	approaching unstable flow, significant delays, signal phase timing is generally insufficient; congestion exists for extended duration throughout peak

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): * Per Mike Lenhart, SHA; Walter Wise, DPW and SMC DECD.

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.

Yes

1) Agreement between Commanding Officer, Naval Air Station, Patuxent River and the Bay District Volunteer Fire Department, Inc., Lexington Park, Maryland. Agreement provides mutual assistance for fire fighting and hazardous materials incidents and is used to augment the existing fire protection of each participant.

2) Agreement between the Commanding Officer, Naval Electronics Systems Engineering Activity (NESEA), St. Inigoes, Maryland and the Ridge Volunteer Fire Department, Ridge Maryland. Agreement provides mutual fire fighting assistance to augment fire protection available in particpant's respective areas. NAS Patuxent river provides fire fighters and equipment that comprises the NESEA Fire Department.

3) Agreement between the Commanding Officer, Naval Air Station, Patuxent River, Maryland, the Calvert County Board of County Commissioners, and the Solomons Volunteer Rescue Squad and Fire Department, Solomons, Maryland. Agreement provides mutual assistance for fire fighting and hazardous materials incidents and is used to augment the existing fire protection of each particpant.

Source of Data (3.d. Fire/Hazmat):

1) Mutual Aid Fire Fighting Assistance Agreement between the Bay District Volunteer Fire Department, Inc., and the Commanding Officer, Naval Air Station, Patuxent River, Maryland dated 14 August 1990;

2) Mutual Aid Fire Fighting Assistance Agreement between the Ridge Volunteer Fire Department, Ridge Maryland, and the Commanding Officer, Naval Electronic Systems Engineering Activity, St. Inigoes, Maryland dated 13 January 1990;

3) Mutual Aid Fire Fighting Assistance Agreement between the Calvert County Board of County Commissioners, the Commanding Officer, Naval Air Station, Patuxent River, Maryland, and the Solomons Volunteer Rescue Squad and Fire Department, Inc., dated 1 November 1990.

e. **Police Protection.**

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

The Patuxent River Naval Air Station, covering approximately 6,500 acres and approximately 15 miles of shoreline areas, is under exclusive jurisdiction.

The Naval Air Station has an off base housing area approximately 1 mile out the main gate called Glenn Forest. This area has 250 housing units on 139.97 acres with an adjacent parcel of land that is approximately 200 acres +- and is under concurrent jurisdiction.

The Naval Air Station Solomons Annex houses the Naval Recreation Center and an industrial area that covers 285.81 acres of land that is under concurrent jurisdiction.

The Naval Air Station (effective 3 Oct 94) assumes control of Webster Field located approximately 13 miles south of the base in St. Inigoes area of the county. This base is 852.8 acres of land with water front area. This area is used by the Coast Guard as a base port, and used by the Navy for light aircraft. This area has numerous buildings, none of which are used for housing. Jurisdiction at this location is concurrent.

The Naval Air Station has several small areas located in the county such as a testing site at Point Lookout in the far south end of the county, and several small areas used for tracking stations. All these sites are under

concurrent jurisdiction. the total amount of land if added together is approximately 75 acres +-.

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.

No location identified above has more than one level of jurisdiciton.

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

None

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.

None

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.

None

Source of Data (3.e. 1) - 5) - Police): Mr. John Bates, Department Head, Security Department, Naval Air Station, Patuxent River, Maryland

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.

Agreement between the Commanding Officer, Naval Air Station, Patuxent River, Maryland, and the Metropolitan Commission, St. Mary's County, Maryland, for processing of raw sewage effluent from the Naval Air Station, Patuxent River. Charge is $1.14 per 1,000 gallons. Average flow is 655,000 gallons per day with a total capacity of *1.2 million gallons per day.

NISEEAST DET ST INIGOES MD - none

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): Bobby Bean, Public Works Environmental Division, Naval Air Station, Patuxent River, Maryland

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. NAVAIRWARCENACDIV	Naval Research Development Test and Evaluation	9965
2. Naval Surface Warfare Center, IndianHead	Naval Ordinance/Testing	3000
3. Charles County Board o f Education	Education	2600

Employer	Product/Service	No. of Employees
4. State Government Tri-County Total	St. Mary's College and Miscellaneous Government Services	1635
5. Baltimore Gas and Electric Company	Power Generation	1631
6. St. Mary's County Board of Education	Education	1600
7. Calvert County Board of Education	Education	1050
8. Dyncorp	Technological Services to Government agencies	1000
9. Tracor	Engineering Electronic and Communciation Support	800
10. Charles County Community College	Education	649

Source of Data (4. Business Profile): *Calvert, Charles, and St. Mary's Counties' Department of Economic Development.

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:

There has been no loss of private major (over 100 workers) employers.

b. Introduction of New Businesses/Technologies:

The Retail sector continues to dominate new business growth in the Tri-County area due to population gains seen over the past decade. In St. Mary's The

Services sector, fueled by hi-tech employment support Navy activities, is expanding rapidly. The relocation of NAWCAD Warminster and NAVAIR to Patuxent River, MD will greatly expand the range of technology employment in the area.

c. Natural Disasters:

The ice storm of 1994 hampered commerce for 1-7 days

d. Overall Economic Trends:

Between 1980 and 1990 population in the Southern Maryland region grew faster than any in the state. Increases in Charles and Calvert counties were due in large part to their proximity to metropolitan areas. In St. Mary's County the majority of growth was prompted by expansion at Patuxent River Naval Air Station. Maryland Office of Planning predicts Southern Maryland will continue as Maryland's fastest growing region through the year 2020. Unemployment in Southern Maryland is below state and national levels. Approximately half of the jobs in Southern Maryland, and the states, are found in the retail and service sectors. Southern Maryland is more dependent on federal jobs and much less involved in manufacturing than the state average. Growth in the service sector is expected to continue. Retail will remain strong in Calvert and Charles counties.

Source of Data (5. Other Socio/Econ): St. Mary's County Department of Economic & Community Development.

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

NAWCAD Pax has opened a new era of communcations with its St. Mary's County neighbors. NAWCAD Patuxent River Personal Excellence Program conducts Annual Career Fairs, Career Work Shops, and Employee Shadowing Day. Military and civilian personnel volunteer to provide tutoring services to middle and high school students in a wide variety of academic fields.

In co-ordination with the County-wide Optimist Clubs, the Naval Air Station provides the Drill Hall for "Project Graduation" which is a Alcohol Free celebration for graduates.

Pax River has over 100 volunteers to take part in the Christmas in April program.

The volunteers toiled side by side thoughout the day to repair and rehabilitate homes belonging to the elderly and handicapped.

We have recently been approved to provide St. Mary's County School Board with government computers and computer software that are obsolete.

NISE-East Det. St. Inigoes has about 40 volunteers who take part in the St. Mary's County Christmas in April program and other volunteers who particpate in the "Keep a Highway Clean" project. Many other employees are active in other church, civic, and community organizations throughout the local area.

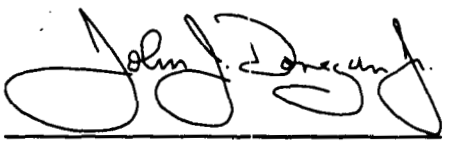
Source of Data (6. Other): NISEEAST DET ST INIGOES MD

BRAC-95 CERTIFICATION

Certified Data: BRAC 95 Data Call Number Sixty-Five - NISEEAST DET ST INIGOES MD

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

NEXT ECHELON LEVEL (if applicable)



J. J. DONEGAN
NAME (Please type or print)

Commander
Title

25 July 1994
DATE

Naval Command, Control and Ocean
Surveillance Center
Activity

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

MAJOR CLAIMANT LEVEL

W. H. CANTRELL
NAME (Please type or print)

Signature

Commander
Title

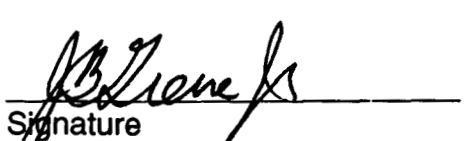
27 July 1994
Date

Space and Naval Warfare
Systems 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

18 AUG 1994
Date

Activity

BRAC-95 CERTIFICATION

Certified Data: BRAC 95 Data Call Number Sixty-Five - NISEEAST DET ST INIGOES MD

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

A. W. LENGERICH
Name

A W Lengerich
Signature

Commanding Officer
Title

25 July 1994
Date

NISE East
Activity

Document Separator

DATA CALL 63
FAMILY HOUSING DATA

216

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

Installation Name:	NISE East Det St In
Unit Identification Code (UIC):	65980
Major Claimant:	SPAWAR

Percentage of Military Families Living On-Base:	44%
Number of Vacant Officer Housing Units:	0
Number of Vacant Enlisted Housing Units:	0
FY 1996 Family Housing Budget ($000):	32.4
Total Number of Officer Housing Units:	0
Total Number of Enlisted Housing Units:	5

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)

Document Separator

316

Complete
revision

BRAC-95

DATA CALL NUMBER FIVE

Data for

Naval Command, Control and Ocean
Surveillance Center, ISE East Coast
Detachment
St. Inigoes, MD

MILITARY VALUE DATA CALL

TECHNICAL CENTERS

Category	Technical Centers
Technical Center Site	NISEEAST DET ST INIGOES MD
Location/Address	St. Inigoes, MD

Page

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1. Mission Statement 1
2. Joint Service Missions 1

Technical Functions
3. Technical Functions Resource Allocations 1

Manpower
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Facilities and Equipment
6. Special Facilities/Equipment Resources 10
7. General Facilities/Equipment Resources 10

Location
8. Geographic Location 13

Features and Capabilities
9. Computational Facilities 14
10. Mobilization Responsibility and Capability 14
11. Range Resources 14

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TAB A Technical Operations: Functional Support Area - Life Cycle Work Area Form

TAB B Facilities and Equipment: Facilities/Equipment Capability Form N/A

TAB C Range Resources: Range Capability Form

MILITARY VALUE MEASURES

MISSION

1. **Mission Statement.**

To provide electronics material support for systems and equipment under NCCOSC cognizance as the In-Service Engineering agent.

- Conduct engineering studies, analysis, design & test support
- Install, upgrade, modify, restore, and remove hardware-software
- Develop logistics requirements & plans
- Provide program-project support & execution
- Develop training requirements, plans & materials

Reference Document: OPNAVNOTE 5450 of 22 Dec 1993

2. **Joint Service Missions.**

NONE

TECHNICAL FUNCTIONS

3. **Technical Functions Resource Allocations.** Appendix A provides a list of numbered functional support areas that cover the spectrum of naval warfare and support operations. Additionally, Appendix A provides a list of numbered life-cycle work areas that cover the "cradle to grave" spectrum of Navy systems acquisition. Utilizing the two lists at Appendix A, each activity will break out its entire FY1993 technical program within any applicable intersections of these two defining schemes (for example, functional support area #5.2 - life cycle work area #3 will identify the activity's level of resources allocated to sensors and surveillance systems, radar systems in advanced development). Definitions for each functional support and life cycle work area are provided in Appendix B for reference.

a. Use the form at Tab A of this data call to provide data on work years and expenditures for FY1993 to support each applicable intersection of functional support areas and life cycle work areas. When necessary, estimate data to the best of your ability.

b. Similarly, use the Tab A forms to report separately on your detachments or sites that have not received this data call directly. This data may be consolidated when the detachments or sites perform work in the same area. When necessary, estimate data to the best of your ability.

See Attached Tab A's.

MANPOWER

4. **Work Breakdown Structure.**

Note: NISEEAST DET ST INIGOES MD data is reported on the basis of the functional transfer to NAWCAD PATUXENT RIVER MD which is to occur on or before 3 Oct 94. The sum of all data reported is for St. Inigoes; however, the data is displayed as for two activities, NISEEAST DET ST INIGOES to reflect the coming transfer.

a. Use Table 4.1 (below) to provide data on the general support functions at your activity. Report data as of 31 March 1994. If you are collocated with one of your subordinate base keeper commands (i.e., a NAWS or NAS collocated with a NAWC Division), describe the differences in the functions of each and provide a separate Table 4.1 for the subordinate command. Include this command in the Table 4.1 submission for your Activity.

b. Similarly, use Table 4.2 (below) to provide general support function data for all your detachments or sites that did not receive this data call directly. Consolidate data from all of these detachments into one table (4.2). Provide a list of the detachments whose data is included in Table 4.2. For each identified detachment in this list, include its name, location, UIC, and number of civilian and military personnel onboard.

In addition, if any of your detachments or separate sites not receiving an individual data call have over 50 civilian personnel or own technical facilities, provide separately a description of the site, the functions performed there, photographs showing the facilities and state the reason for that site's existence and the necessity for it to be at that location.

c. Use Table 4.3 (below) to provide estimated data, for your activity only, to reflect the anticipated impact of previous BRAC decisions that have not yet been implemented. This data should provide the deltas from Table 4.1.

NOTES:

[1] Use the following definitions when providing data for the tables below:
Workyears: Consistent with those used in the preparation of inputs to the President's budget.
Contract Workyears: Actual or estimated workyears performed by support contractors with workyears defined consistent with the definition used in the President's budget.
Civilian Personnel Onboard: Full Time Permanent (FTP) employees.

[2] Any categories of personnel that are employed to support other Activities should be noted with the name of the additional Activity supported.

Table 4.1, General Support Resources for
(Activity: NISEEAST DET ST. INIGOES) (UIC: N65980)

Function	Space allocated (Gross SQFT)	Work Years	Civilian Persnel onboard	Contract Work Years	Military Personnel Onboard	
					Off	Enl
ADMINISTRATION						
Command (CO/XO/TD/etc.)	400				1	
Comptroller	700	5	4			
Admin	520	10	8	2		
Human Resources	28					
OPERATIONS SUPPORT						
Supply Management	380	5	4	3		
Consolidated Computational Computer Support						
Information Systems and Communications	900	4	4	4		
Safety/OSH/Environmental	510					
INFRASTRUCTURE						
Physical Security	280	1	1			
Public Works/Staff Civil Engr	840					
Fire Protection						
Medical/Dental						
Military Support						
Air/Waterfront Operations						
Other						
TECHNICAL STAFF						
Technical Operations			88	876	1	6
Totals	4,558	25	109	885	2	6

Note: This is the portion of St. Inigoes that will be occupied by NISE East.

Table 4.1, General Support Resources for
(Activity: NAWCAD PATUXENT RIVER MD, UIC: N00421)

Function	Space allocated (Gross SQFT)	Work Years	Civilian Persnel onboard	Contract Work Years	Military Personnel Onboard	
					Off	Enl
ADMINISTRATION						
Command (CO/XO/TD/etc.)	400	1	1			
Comptroller	1300	11	10			
Admin	962	20	18	4	1	
Human Resources	52	1	1			
OPERATIONS SUPPORT						
Supply Management	660	9	9	7		
Consolidated Computational Computer Support						
Information Systems and Communications	1850	8	7	6		
Safety/OSH/Environmental	1090		1			
INFRASTRUCTURE						
Physical Security	560	2	2			
Public Works/Staff Civil Engr	1660					
Fire Protection						
Medical/Dental						
Military Support						
Air/Waterfront Operations						
Other						
TECHNICAL STAFF						
Technical Operations			175	2403	1	17
Totals	8,534	52	224	2420	2	17

Note: This is the portion of St. Inigoes that will transfer to NAVAIR in FY 95.

Table 4.2, General Support Resources for Detachment
(Activity: NISEEAST DET ST. INIGOES) (UIC: N65980)

Function	Space allocated (Gross SQFT)	Work Years	Civilian Persnel onboard	Contract Work Years	Military Personnel Onboard	
					Off	Enl
ADMINISTRATION						
Command (CO/ XO/ TD/etc.)						
Comptroller						
Admin						
Human Resources						
OPERATIONS SUPPORT						
Supply Management						
Consolidated Computational Computer Support						
Information Systems and Communications						
Safety/OSH/Environmental						
INFRASTRUCTURE						
Physical Security						
Public Works/Staff Civil Engr						
Fire Protection						
Medical/Dental						
Military Support						
Air/Waterfront Operations						
Other						
TECHNICAL STAFF						
Technical Operations						
Totals						

NISEEAST DET ST INIGOES has no detachments

Table 4.3, Previous BRAC Impact to General Support Resources for (Activity: NISEEAST DET ST. INIGOES) (UIC: N65980)

Function	Space allocated (Gross SQFT)	Work Years	Civilian Persnel onboard	Contract Work Years	Military Personnel Onboard	
					Off	Enl
ADMINISTRATION						
Command (CO/XO/ TD/etc.)	[400]				[1]	
Comptroller	[700]	[5]	[4]			
Admin	[520]	[10]	[8]	[2]		
Human Resources	[28]					
OPERATIONS SUPPORT						
Supply Management	[380]	[5]	[4]	[3]		
Consolidated Computational Computer Support						
Information Systems and Communications	[900]	[4]	[4]	[4]		
Safety/OSH/Environmental	[510]					
INFRASTRUCTURE						
Physical Security	[280]	[1]	[1]			
Public Works/Staff Civil Engr	[840]					
Fire Protection						
Medical/Dental						
Military Support						
Air/Waterfront Operations						
Other						
TECHNICAL STAFF						
Technical Operations			[88]	[876]	[1]	[6]
Totals	[4,558]	[25]	[109]	[885]	[2]	[6]

Note: The above table reflects billets that will be transferred to NISEEAST CHARLESTON (UIC N65236) due to BRAC 93. NISEEAST DET ST. INIGOES (UIC N65980) is scheduled to close in FY 97.

Table 4.3, Previous BRAC Impact to General Support Resources for (Activity: NAWCAD PATUXENT RIVER MD) (UIC: N00421)

Function	Space allocated (Gross SQFT)	Work Years	Civilian Persnel onboard	Contract Work Years	Military Personnel Onboard	
					Off	Enl
ADMINISTRATION						
Command (CO/XO/ TD/etc.)						
Comptroller						
Admin						
Human Resources						
OPERATIONS SUPPORT						
Supply Management						
Consolidated Computational Computer Support						
Information Systems and Communications						
Safety/OSH/Environmental						
INFRASTRUCTURE						
Physical Security						
Public Works/Staff Civil Engr						
Fire Protection						
Medical/Dental						
Military Support						
Air/Waterfront Operations						
Other						
TECHNICAL STAFF						
Technical Operations						
Totals	0	0	0	0	0	0

5. **Technical Staff Qualifications.**

a. Use Table 5.1 (below) to provide data on the civilian personnel allocated to Technical Operations having the educational and experience levels indicated in the table for your activity. Report data as of 31 March 1994. Similarly, use Table 5.2 (below) to provide data for all your separate detachments or sites that did not receive this data call directly. Consolidate data from all of these detachments into one table (5.2). Provide a list of the detachments whose data is included in Table 5.2.

Table 5.1, Technical Staff Education Level for
(Activity: NISEEAST DET ST INIGOES MD) (UIC N65980) **R**

Highest Degree Attained	Less than 3 Years	3-10 Years	11-15 Years	16-20 Years	More than 20 Years	Total
Grade School	-	-	-	-	-	0
High School	-	10	5	5	11	31
B.A./B.S	-	30	7	4	12	53
M.A./M.S	-	1	-	-	3	4
Ph.D./ M.D.	-	-	-	-	-	0
Total	0	41	12	9	26	88

5. **Technical Staff Qualifications**

a. Use Table 5.1 (below) to provide data on the civilian personnel allocated to Technical Operations having the educational and experience levels indicated in the table for your activity. Report data as of 31 March 1994. Similarly, use Table 5.2 (below) to provide data for all your separate detachments or sites that did not receive this data call directly. Consolidate data from all of these detachments into one table (5.2). Provide a list of the detachments whose data is included in Table 5.2.

Table 5.1, Technical Staff Education Level for
(Activity: NISEEAST DET ST INIGOES MD) (UIC: N65980)

Highest Degree Attained	Less than 3 Years	3-10 Years	11-15 Years	16-20 Years	More than 20 Years	Total
Grade School	-	-	-	-	-	0
High School	-	28	15	14	40	97
B.A./B.S	1	89	20	11	37	158
M.A./M.S	-	3	-	-	9	12
Ph.D./ M.D.	-	-	-	-	-	0
Total	1	120	35	25	86	267

R

Table 5.1, Technical Staff Education Level for
(Activity: NAWCAD PATUXENT RIVER, MD) (UIC N00421) **R**

Highest Degree Attained	Less than 3 Years	3-10 Years	11-15 Years	16-20 Years	More than 20 Years	Total
Grade School	-	-	-	-	-	0
High School	-	18	10	9	25	62
B.A./B.S	1	59	13	7	25	105
M.A./M.S	-	2	-	-	6	8
Ph.D./ M.D.	-	-	-	-	-	0
Total	1	79	23	16	56	175

Table 5.2, Technical Staff Education Level for all Detachments
(Activity: NISEEAST DET ST INIGOES MD) (UIC: N65980)

Highest Degree Attained	Less than 3 Years	3-10 Years	11-15 Years	16-20 Years	More than 20 Years	Total
Grade School						
High School						
B.A./B.S						
M.A./M.S						
Ph.D./ M.D.						
Total						NONE

b. Use Table 5.3 (below) to provide data on the number of civilian personnel allocated to Technical Operations with graduate degrees and at least three years of applicable experience that have their highest degree in the fields indicated. Report data as of 31 March 1994. Similarly, use Table 5.4 (below) to provide data for all your separate detachments or sites that did not receive this data call directly. Consolidate data from all of these detachments into one table (5.4). Provide a list of the detachments whose data is included in Table 5.4

Table 5.3, Technical Staff Academic Fields for (Activity: NISEEAST DET ST INIGOES MD) (UIC: N65980)

Academic field	Number
Physics	
Chemistry	
Biology	
Mathematics/Statistics/ Operations Research	
Engineering	10
Medical	
Dental	
Computer Science	
Social Science	
Other Science	
Non-Science	2
Total	12

Table 5.4, Technical Staff Academic Fields for all Detachments
(Parent Activity: NISEEAST DET ST INIGOES MD) (UIC: N65980)

Academic field	Number
Physics	
Chemistry	
Biology	
Mathematics/Statistics/ Operations Research	
Engineering	
Medical	
Dental	
Computer Science	
Social Science	
Other Science	
Non-Science	
Total	NONE

c. Are there unique aspects of the activity's location that help or hinder in the hiring of qualified personnel?

The location of the St. Inigoes detachment provides a ready source of qualified personnel. New employees can be recruited from the many universities and training facilities within the nearby area.

d. List all articles written by the in-house technical staff that were published or accepted for publication in referenced journals since 1 January 1990. **NONE**

e. List all technical books and/or chapters written by the in-house technical staff that were published or accepted for publication since 1 January 1990. **NONE**

f. Identify any Nobel laureates employed at this activity. **NONE**

g. List all non-governmental awards for research or technical excellence given to members of your technical staff since 1 January 1990. **NONE**

h. List all governmental awards for research or technical excellence given to members of your technical staff since 1 January 1990. **NONE**

i. List all patents awarded to the in-house technical staff members of this activity since 1 January 1990. **NONE**

j. List all patents applied for by the in-house technical staff members of this activity since 1 January 1990. **NONE**

k. Identify any in-house staff that are members of the National Academy of Engineering. **NONE**

l. Identify any in-house staff that are members of the National Academy of Sciences. **NONE**

m. How many Cooperative Research and Development Agreements (CRDAs) have been signed by the activity since 1 January 1990? **NONE**

n. What has been the activity's annual royalty income from CRDAs and patent licenses for each year since 1 January 1990? **NONE**

o. List and describe any major end item prototypes, either product or process technology, developed in-house by the activity that are currently in production and/or are currently in use by the U.S. Armed Forces or by industry. Cite a published reference that documents the work. **NONE**

FACILITIES AND EQUIPMENT

6. **Special Facilities/Equipment Resources.** NONE

Include a copy of the form provided at Tab B of this data call for each facility and "major" piece of equipment located at this activity. Include information on separate detachments. The following definitions will apply:

Facilities - Will include such things as rocket firing bays, towing tanks, anechoic chambers, hypervelocity gun ranges, hyperbaric chambers, wind tunnels, simulation/emulation laboratories, etc. Include buildings that are integral to the facility/equipment. Do not include major outdoor ranges or land.

Also, describe modeling and simulation capabilities, hardware in-the-loop facilities and analysis or wargaming capabilities.

Equipment - Resources used to support the operation of the site with a replacement value of $500,000 or greater. Do not include land or buildings in this category. In reporting equipment, provide information to indicate the degree of portability of the equipment.
Class 3 Personal Property items ("plant equipment" or "equipment in place") by definition are highly portable and can be moved easily. Some Class 2 Installed Equipment, such as Main-frame computers, test stands and small hyperbaric chambers, require more extensive utilities support and assembly of components, but can be relocated without damage to the facility or equipment, and therefore are considered "moveable" assets. Other Class 2 items are so large and/or integral to the facility that houses them that major demolition and construction would be required to relocate them, and therefore are considered "fixed" assets. Where appropriate, pieces of equipment can be aggregated for the purposes of completing Tab B.

7. **General Facilities.**

a. Is there any cash revenue generated by this activity? Example: Electricity generated at this activity and sold to the local community. If yes, describe. NO

b. What MILCON projects are currently programmed to be completed by the end of FY1995? **P-712, P-720, P-723** For each project provide:

(1) A description of the proposed facility with title and project number. Be sure to include the trailing alpha designator for BRACs-88, 91 and 93 realignment projects, i.e., P-xxxR, P-xxxS, P-xxxT .

P-712: ACLS Integration Test Facility. Description: 7,200 SF, single story, permanent building with pile foundation supported by concrete, masonry walls, built up roof. Building will include integration lab, test lab, staging and test area, repair and instrumentation area, parts storage, fire protection system, security alarms, handicapped access, parking and utilities.

P-723: FACSFAC Electronic Systems Integration Facility.
Description: 25,400 SF permanent, two-story building with a pile supported concrete foundation, steel framing with masonry veneer walls, and built-up roofing. Will include facilities for the handicapped, computer room, bench labs, office and storage space, HVAC, fire protection system, controlled access, road and parking areas. Project will provide space for all hardware and software functions, logistics support, and administrative personnel.

P-720: Electronic Systems Integration Lab.
Description: 27,900 SF, single story, pile supported concrete foundation, steel framed masonry walls with computer room, bench labs, offices, storage, controlled access and parking areas. Will provide software and hardware maintenance, repair, configuration management, problem analysis, and logistics support for AN/SPN-46 ACLS installations.

(2) The functional support area(s) that the new facility will support. Refer to Appendix A. **P-712, P-720 and P-723 all support area 7.7.**

(3) Identify installed equipment to be provided based on the threshold guidance of paragraph 6, page 12, of this data call. NONE

(4) The additional square footage that this project will provide to the functional support area(s).

P-712; 7,200 SF
P-723; 25,400 SF
P-720; 27,900 SF

(5) The current working estimate (CWE) & planned beneficial occupancy date (BOD) of the project.

	CWE	BOD
P-172	$1,053K	1 Sep 94
P-723	$2,632K	1 Oct 94
P-720	$3,437K	1 Apr 95

c. What MILCON projects are currently programmed to be executed/completed after FY1995? **P-721, AEGIS Electronic Equipment Staging Facility**. For each project provide:

(1) A description of the proposed facility with title and project number.

Description: A permanent one story masonry building having a pile supported concrete foundation and floor, steel framed clear span staging and storage area, fire alarm system, security fence, environmental controls, access road, parking and utilities. Will provide logistics support and staging facilities for electronic and communication systems and equipment undergoing integration, test and evaluation in support of the AEGIS CG-47 and DDG-51 radio communication system integration and the related in-service engineering program

(2) The functional support area(s) the new facility will support.

7.3 (2A)

(3) The identified installed equipment to be provided based on the threshold guidance of paragraph 6, page 12, of this data call. NONE

(4) The additional square footage this project will provide to the functional support area(s).

57,560 SF

(5) CWE & planned BOD.

CWE; 6.7M BOD; 1 Apr 2000

d. What is the distance (in miles) to the nearest military airfield and/or pier not located at your site? Describe. Assume all previous BRAC closures have been executed.

14 miles, Patuxent River MD, Naval Air Station

e. How many certified magazines, used for the storage of explosives, does this activity own or control? What is the total explosive weight storage capacity?

N/A

LOCATION

8. **Geographic Location.**

a. Is there an imperative in facility, function or synergy that requires the installation/base/facility to be in its present location? If yes, describe. Yes

NISEEAST DET ST INIGOES MD provides a rural (semi-isolated) location for:

- conducting electromagnetic testing in a "quiet" environment
- conducting In-Service Engineering (ISE) activities on "sensitive" C4I programs
- providing outlying facilities for aircraft and air warfare C4I related testing in conjunction with operations at nearby NAWC-AD and NAS Patuxent River
- conducting small boat operations in support of special warfare C4I testing

b. What is the importance of the present location relative to customers supported?

NISEEAST DET ST INIGOES MD location nearby NAWC-AD and NAS Patuxent River provides for simple and inexpensive movement of technical personnel between these centers in support of ISE functions.

The relatively close location of St. Inigoes to Washington DC (80 miles) facilitates the conduct of technical reviews between program sponsors (from Washington) and the NISEEAST DET ST INIGOES MD staff

In addition, the Naval Surface Warfare Center Dahlgren VA is located 60 miles from St. Inigoes.

FEATURES AND CAPABILITIES

9. **Computational Facilities.**

NISEEAST Detachment St. Inigoes corporate MIS connectivity is an Ethernet backbone running fiber, twisted pair, and copper cable plants. Access to NCCOSC is provided by Internet connectivity. Several VAX machines operate the principal applications at St. Inigoes. Diverse PC's and Operating Systems co-exist in the MIS environment. Currently all sites have some TCP/IP connectivity for Internet access. Further expansion will allow all users to utilize TCP/IP capabilities.

10. **Mobilization Responsibility and Capability.**

Parent Command, NISE East is responsible for all Mobilization Capabilities.

11. **Range Resources.**

See Tab C - Range Resources

Include a copy of the form provided at Tab C of this data call for each range located at this activity or operated by this activity. Also, report ranges at detachments and sites not receiving a separate data call. The following definition of a range will apply:

Range - An instrumented or non-instrumented area that utilizes air, land, and/or water space to support test and evaluation, measurements, training and data collection functions, but is not enclosed within a building.

QUALITY OF LIFE

Note: The following Quality of Life data, section 12 (Military Housing) through Section 23 (Crime Rate) has been provided by NAWCAD PATUXENT RIVER MD UIC N00421 with minor exceptions as noted on Tables for messing facilities at 12.(d).(5) and (7).

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+	33	33	0	0
Officer	3	44	44	0	0
Officer	1 or 2	2	2	0	0
Enlisted	4+	202	202	0	0
Enlisted	3	303	303	0	0
Enlisted	1 or 2	273	213	60	0
Mobile Homes	0	0	N/A	N/A	N/A
Mobile Home lots	0	0	N/A	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?

(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*	None	None
	2	0	Immediate
	3*	None	None
	4+	2	Immediate
O-4/5	1*	None	None
	2*	None	None
	3	4	Immediate
	4+	3	Immediate
O-1/2/3/CWO	1*	None	None
	2*	None	None
	3	10	Immediate
	4+	2	Immediate
E7-E9	1*	None	None
	2*	None	None
	3	3	1-9 months
	4+	2	1-9 months
E1-E6	1*	None	None
	2	101	1-9 months
	3	31	1-9 months
	4+	3	1-9 months

* Do not have this type of housing
Note: This housing is located at NAWCADPAX

[1]As of 31 March 1994.

(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	More economical
2	Close to work
3	Safe/secure
4	Utilities included except phone and cable
5	Good sized units - square footage and bedrooms

(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)? 90%

There are 857 housing units at NAWCADPAX. Ninety percent (90%) have all the required amenities as outlined in the Military Handbook 1190 and the Military Handbook 1035-Family Housing.

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

Type of Quarters	Utilization Rate
Adequate	98%
Substandard	80%
Inadequate	N/A

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

The utilization rate in the 60 substandard units was 80% for FY93. The reason is because the units are cinderblock, have radiator heat, no air conditioning, and very little ventilation. The units are 764 square feet and do not meet today's standards.

(b) BEQ:

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

Type of Quarters	Utilization Rate
Adequate	90%
Substandard	0
Inadequate	0

(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?

Yes, Occupancy is under 95% because Bachelor Enlister Quarters are currently under renovations.

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

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

$$\text{AOB} = \frac{40\text{X}365}{365} = 40$$

(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.)	Data unavailable	Data unavailable	
Spouse Employment (non-military)	Data unavailable	Data unavailable	
Other	Data unavailable	Data unavailable	
TOTAL			

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

Note: "Base" is NAWC AD Patuxent River, UIC N00421.

(c) BOQ:

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

Type of Quarters	Utilization Rate
Adequate	93%
Substandard	0%
Inadequate	0%

(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?

Yes, The occupancy is under 95% because the Bachelors Officers Quarters is to be renovated. Occupancy is expected to be between 95% and 100% when completed.

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

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

$$\text{AOB} = \frac{11 \times 365}{365} = 11$$

(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.)	Data unavailable	Data unavailable	
Spouse Employment (non-military)	Data unavailable	Data unavailable	
Other	Data unavailable	Data unavailable	
TOTAL			

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

After the below threshold is met, there will be a waiting list for

E5-E6 - 40 beds in building #404.
E7-E9 - 40 beds in building #467.
Officers - Not to exceed 10 rooms in building 406 (the number could come down to 5 only)

(d) BOQ/BEQ Housing and Messing.

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

Facility Type, Bldg. # & CCN	Total No. of Beds	Total No. of Rooms	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
BED, #404, CCN 721-11	40	1	40	10,875		0		0
BEQ, #469,CCN 721-11	80	0	0	0	80	20,344		0
BEQ, #1451, CCN 721-11	162	54	162	24,475		0		0
BEQ, #1452, CCN 721-11	162	54	162	24,475		0		0
1BEQ,#1453 CCN 721-11	0	54	0	27,605		0		0
1BEQ, #1454, CCN 721-11	0	54	0	27,605		0		0
BEQ, #1455, CCN 721-11	72	24	72	18,655		0		0
BEQ, #469 CCN 721-12	25	40	25	3,628		0		0
BEQ, #492, CCN 721-12	99	37	99	19,237		0		0

Facility Type, Bldg. # & CCN	Total No. of Beds	Total No. of Rooms	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
2BEQ, #468, CCN 143-40	69	28	69	23,952		0		0
1BEQ, #1453, CCN 721-12	0	0	0	3,130		0		0
1BEQ, #1454 CCN 721-12	0	0	0	3,130		0		0
BEQ, 1455 CCN 721-12	36	12	36	3,037		0		0
3BEQ, #464, CCN 721-13	42	42	0	0	42	22,036		0
BEQ, #467, CCN 721-13	40	20	40	10,529		0		0
CIV BARCKS, #423, CCN 721-30	35	25	35	9,892		0		0
BOQ, $409, CCN 724-11	1	1	1	426		0		0
BOQ, #406, CCN 724-12	90	90	90	68,868		0		0
BOQ, #461, CCN 724-12	1	1	1	1,016		0		0
*BOQ, #972, CCN 724-12	1	1	0	0		0	1	825

1. This building is shut down for renovation.
2. General purpose Marine barracks.
3. Will be renovated in Nov 1994

Note: These facilities are located at NAWC AD Patuxent River, UIC N00421.

(2) 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:

*** Building #972 CAT Code 724-12 BOQ.**

b. WHAT MAKES IT INADEQUATE?

This building is an 825SF BOQ built in 1944 that due to age, and deterioration.

c. WHAT USE IS BEING MADE OF THE FACILITY?

Building used for temporary assignment of officers for short periods of time.

d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?

Cost to upgrade this facility to substandard is $25K.

e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?

Cost to upgrade is approximately $10K to use as storage facility.

f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:

None

g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

No

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

Facility Type, Bldg. # & CCN	Total No. of Beds	Total No. of Rooms	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
BEQ, #404 CCN 721-11	40	1	40	10,875		0		0
1BEQ, #468 CCN 143-40	60	23	69	23,952		0		0
BEQ, #1451 CCN 721-11	162	54	162	27,605		0		0
BEQ, #1452 CCN 721-11	162	54	162	27,605		0		0
BEQ, #1453 CCN 721-11	162	54	162	27,605		0		0
BEQ, #1454 CCN 721-11	162	54	162	27,605		0		0
BEQ, #1455 CCN 721-11	72	24	72	18,655		0		0
BEQ, #469 CCN 721-12	40	40	40	23,972		0		0
BEQ, #492 CCN 721-12	37	37	37	19,237		0		0
BEQ, #1455 CCN 721-12	36	12	36	3,037		0		0
BEQ, #464 CCN 721-13	36	36	36	22,306		0		0
BEQ, #467 CCN 721-13	40	20	40	10,529		0		0
CIV BARCKS #423 CCN 721-30	35	25	35	9,892		0		0

Facility Type, Bldg. # & CCN	Total No. of Beds	Total No. of Rooms	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
BOQ, #409 CCN 724-11	1	1	1	426		0		0
BOQ, $406 CCN 724-12	74	74	74	68,868		0		0
2BOQ, #461 CCN 724-12	1	1	1	1,016		0		0
3 BOQ, #972 CCN 724-12	1	1		0		1		825

1. General purpose Marine barracks.
2. One apartment with 4 rooms.
3. One cottage with 3 rooms.

Note: These facilities are assigned to the plant account of NAWC AD Patuxent River, UIC N00421.

(4) 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:

***Building #972 CAT Code 724-12 BOQ.**

b. WHAT MAKES IT INADEQUATE?

This building is an 825SF BOQ built in 1944 that due to age, and deterioration.

c. WHAT USE IS BEING MADE OF THE FACILITY?

Building used for temporary assignment of officers for short periods of time.

d. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?

Cost to upgrade this facility to substandard is $25K

e. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT

COST?

Cost to upgrade is approximately $10K to use as storage facility.

f. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:

None

g. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

No

(5) 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	
Flight Deck, ccn 724-30 #406	6,787	0	0	125	6,787	0	0	0 (1)
Commissioned Officer Mess, ccn 740-60 #461	18,852	330	18,852	0	0	0	0	175
Enlisted Mess, CCN 740-64 #441	24,774	0	0	1250	24,774	0	0	225 (2)
PATUXENT LANDING, CCN 70-26, #467	25,113	368	25,113	0	0	0	0	325
GOLF CLUB SNACK BAR, CCN 740-80, #663	1,300	42	1,300	0	0	0	0	50
MCDONALDS (3) #3139	2,840	125	2,840	0	0	0	0	500

Facility Type, CCN and Bldg. #	Total Sq. Ft.	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	Sq Ft	Seats	Sq Ft	Seats	Sq Ft	
MINI MART PIZZA, CCN 740-01, #421	620	32	620	0	0	0	0	100
AIR OPS SNACK BAR, CCN 740-05, #103	290	12	290	0	0	0	0	58
TEST PILOT SNACK BAR, CCN 740-05, #157	352	0	352	0	0	0	0	67
AIMD SNACK BAR, CCN 740-05, #301	600	24	600	0	0	0	0	35
COAST GUARD DINING FAC, NISEEAST	500	20	500	0	0	0	0	10

(1) LOUNGE OPERATION - NO NOON MEALS SERVED BUT COULD SERVE APPROXIMATELY 200

(2) LOUNGE OPERATION AS OF APRIL 1994

(3) LICENSED TO BE ABOARD BASE

Note: These facilities are assigned to the plant account of NAWC AD Patuxent River, UIC N00421 unless noted otherwise.

(6) 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?

(7) 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	
FLIGHT DECK, CCN 724-30 #406	6,787	0	0	125	6,787	0	0	0(1)
COMMISSIONED OFFICERS MESS CCN 740-70, #461	18,852	330	18,852	0	0	0	0	175
ENLISTED MESS, CCN 740-64, #441	24,774	0	0	1250	24,774	0	0	225 (2)
PATUXENT LANDING, CCN 470-26, #467	25,113	368	25,113	0	0	0	0	325
GOLF CLUB SNACK BAR CCN 740-80, #663	1,300	42	1,300	0	0	0	0	50
MCDONALDS (3) #3139	2,840	125	2,840	0	0	0	0	550
MINI MART PIZZA, CCN 740-01, #421	620	32	620	0	0	0	0	100
AIR OPS SNACK BAR, CCN 740-05, #103	290	12	290	0	0	0	0	58
TEST PILOT SNACK BAR, CCN 740-05,#158	352	0	352	0	0	0	0	67

Facility Type, CCN and Bldg. #	Total Sq. Ft.	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	Sq Ft	Seats	Sq Ft	Seats	Sq Ft	
AIMD SNACK BAR, CCN 740-05 #301	600	24	600	0	0	0	0	35
COAST GUARD DINING PAC, NISEEAST	500	20	500	0	0	0	0	10
(4)ITP CAFETERIA, CCN 740-05, BLDG 2272	10,000	300	4500	0	0	0	0	1000(4)

(1) LOUNGE OPERATION - NO NOON MEALS SERVED BUT COULD SERVE APPROXIMATELY 200

(2) LOUNGE OPERATION AS OF APRIL 1994

(3) LICENSED TO BE ABOARD BASE

(4) PLANNED/ESTIMATED

Note: These facilities are assigned to the plant account of NAWC AD Patuxent River, UIC N00421 unless noted otherwise.

(8) 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?

13. **MWR Facilities.**

For on-base MWR facilities[10] 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 NAWC AD PATUXENT RIVER (UIC N00421) **DISTANCE** 10 miles

Facility	Unit of Measure	Total	Profitable (Y,N,N/A)
Auto Hobby	Indoor Bays	10	N/A
	Outdoor Bays	0	N/A
Arts/Crafts	SF	4,000	Y
Wood Hobby	SF	8,000	Y
Bowling	Lanes	14	Y
Enlisted Club	SF	24,777	Y
Officer's Club	SF	18,852	Y
Library	SF	12,436	Y
Library	Books	50,000	N/A
Theater	Seats	496	Y
ITT	SF	600	N/A
Museum/Memorial*	SF	44,141	N/A
Pool (indoor)	Lanes	10	N/A
Pool (outdoor)	Lanes	8	N/A
Beach	LF	1,000	N/A

[10]Spaces designed for a particular use. A single building might contain several facilities, each of which should be listed separately.

Swimming Ponds	Each	0	N/A
Tennis CT	Each	15	N/A
GEAR ISSUE	EACH	376	N
VOLLEYBALL CT (OUTDOOR)	EACH	2	N/A
BASKETBALL CT (OUTDOOR)	EACH	0	N/A
RACQUETBALL CT	EACH	3	N/A
GOLF COURSE	HOLES	18	Y
DRIVING RANGE	TEE BOXES	20	N/A
GYMNASIUM	SF	54,803	N/A
FITNESS CENTER	SF	1,000	N
MARINA	BERTHS	194	Y
STABLES	STALLS	30	N/A
SOFTBALL FLD	EACH	1	N/A
FOOTBALL FLD	EACH	1	N/A
SOCCER FLD	EACH	2	N/A
YOUTH CENTER	SF	4,034	Y
PATUXENT LANDING (RESTAURANT)	SF	25,113	Y

(a) Is your library part of a regional interlibrary loan program? YES

* The USS Tulip Memorial, a historic marker and a small parcel of land, is located on Grayson Road, St. Inigoes, MD and is 1.5 miles from NISEEAST DET ST INIGOES (UIC N65980)

14. **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	390			39	270
6-12 Mos	18	1,170			18	270
12-24 Mos	20	1,300			21	180
24-36 Mos	26	1,690			37	360
3-5 Yrs	96	6,240			52	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. **NONE**

d. How many "certified home care providers" are registered at your base? **30**

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). **NO**

f. 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	42,263
Gas Station	SF	5,617
Auto Repair	SF	0
Auto Parts Store	SF	0
Commissary	SF	53,358
Mini-Mart	SF	5,230
Package Store	SF	1,000
Fast Food Restaurants	Each	1
Bank/Credit Union	Each	3
Family Service Center	SF	8,847
Laundromat	SF	2,086
Dry Cleaners	Each	0
ARC	PN	Note 1
Chapel	PN	337
FSC Classrm/Auditorium	PN	50
Navy Lodge	RM/SF	50/30,904
Post Office	EA/SF	1/6,602

Note 1: Red Cross Programs (clients served/trained):

(1) Health and Safety - 3,000-4,000 per year (First Aid and CPR)
(2) Aquatics 2,000-3,000 per year
(3) AIDS - 6,000 per year
(4) Youth Programs - 300 per year
(5) Casework - 900-1,000 per year
(6) Financial Assistance - 450-500 per year

150-175 Volunteers including:

(1) Blood Drives - Assist DOD every other month (6-7 volunteers)
(2) Naval Hospital volunteers (25-30)
(3) Disaster Program (30)
(4) Charlotte Hall Veterans Home (15)

15. **Proximity of Closest Major Metropolitan Areas** (provide at least three):

City	Distance (Miles)
Washington, DC	60
Baltimore, MD	75
Richmond, VA	120

16. **Standard Rate VHA Data for Cost of Living:**

Paygrade	With Dependents	Without Dependents
E1	$202.84	$113.49
E2	$202.84	$127.56
E3	$191.91	$141.41
E4	$219.11	$152.92
E5	$242.71	$169.46
E6	$272.88	$185.76
E7	$303.72	$210.98
E8	$279.93	$211.62
E9	$265.98	$201.91
W1	$342.34	$259.99
W2	$322.64	$253.06
W3	$311.04	$252.85
W4	$308.98	$273.95
O1E	$291.25	$216.04
O2E	$318.06	$253.59
O3E	$316.87	$268.08
O1	$258.78	$190.69
O2	$244.08	$190.78
O3	$283.90	$239.02
O4	$326.87	$284.25
O5	$315.59	$260.99
O6	$294.40	$243.68
O7	$225.70	$183.38

As of January 1994

17. **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		$353	Insufficient data
Apartment (1-2 Bedroom)		$621	$109.27
Apartment (3+ Bedroom)		$746 (2)	$155.77
Single Family Home (3 Bedroom)		$828	$156.37
Single Family Home (4+ Bedroom)		$998	$191.21
Town House (2 Bedroom)		$720	$120.70
Town House (3+ Bedroom)		$786	$155.77 (4)
Condominium (2 Bedroom)		$648	$120.70
Condominium (3+ Bedroom)		$803	$155.77 (4)

(1) Not a seasonal market. Average rents are fairly consistent throughout the year. Source: Multiple Listing Services (MLS) - Tri-County.
(2) MLS data supplemented by Department of Economic and Community Development Survey to augment small sample size.
(3) HUD: Section 8 existing housing allowances for tenant furnished utilities. Tri-County data averaged.
(4) Same as apartment not differentiated by HUD.

(b) What was the rental occupancy rate in the community as of 31 March 1994?

Type Rental	Percent Occupancy Rate
Efficiency	72% (1)
Apartment (1-2 Bedroom)	94% (1)
Apartment (3+ Bedroom)	95% (1)
Single Family Home (3 Bedroom)	*no way to quantify market. MLS has 80 units (4/26/96)
Single Family Home (4+ Bedroom)	*MLS has 31 units
Town House (2 Bedroom)	98%
Town House (3+ Bedroom)	75% [MLS has 57 units (1)]
Condominium (2 Bedroom)	*MLS has 3 units
Condominium (3+ Bedroom)	*MLS has 1 unit

(1) Department of Economic and Community Development survey of market rate Apt. and complexes 4/11-4/22. (There are none established in Calvert County. One is coming on line.)

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

Type of Home	Median Cost
Single Family Home (3 Bedroom)	$123,000
Single Family Home (4+ Bedroom)	$167,500
Town House (2 Bedroom)	$97,000
Town House (3+ Bedroom)	$96,600
Condominium (2 Bedroom)	$75,000
Condominium (3+ Bedroom)	$90,000

*Tri-County market. Settled sales (not asking price) 4/1/93 - 3/31/94.

(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	103	480	16
February	107	493	17
March	120	538	18
April	51	333	15
May	55	332	14
June	64	366	13
July	70	375	15
August	77	377	13
September	77	402	12
October	86	422	13
November	92	439	15
December	97	450	14

Note: Some listings may have been deleted.
Assumptions: (1) 90 - 110% = $580 - $708 for P+I.
(2) 8% VA for 30 years.
(3) Home price range $79,000 - $96,500.
(4) Tri-County Market.

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

Although there are many factors in St. Mary's County our local realtors believe there are three major factors:

(1) Government regulation; i.e., permit process, critical areas of legislation, impact fees, etc.
(2) Limited developable land.
(3) Economics of the community.

With approximately 50% of the county revenue being related to the Naval Air Warfare Center, the communities sense of security as it relates to the stability of the base

have been a very large factor in the unchanging and sometimes descending property value over the past several years, even though the supply has been abundant for resales and new developments as well as very low interest rates.

18. 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
AB	0	69
AME	0	31
AO	0	99

19. 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)
Lexington Park, MD	23.19	1	5
California, MD	10.29	3.5	15
Hollywood, MD	8.20	7	20
Great Mills, MD	5.26	3.5	15
Mechanicsville, MD	4.98	20	30

20. Complete the tables below to indicate the civilian educational opportunities available to service members stationed at the installation (to include any outlying sites) and their dependents:

(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 Levels	Spec. Ed. Avail.	Annual Enroll-ment Cost per Student	1993 Avg SAT/ACT Score	% HS Grad to Higher Educ	Source of Info
ARCHBISHOP NEALE SCHOOL	PAR	PK-8	N*	1450-1850	N/A	N/A	So. MD Resource Guide
FATHER ANDREW WHITE SCHOOL	PAR	K-8	N	1200-1775	N/A	N/A	So. MD Resource Guide
HOLY ANGELS SACRED HEART SCHOOL	PAR	PK-8	N*	800	N/A	N/A	So. MD Resource Guide
LITTLE FLOWER SCHOOL	PAR	K-8	N*	1260-1884	N/A	N/A	So. MD Resource Guide
MOTHER CATHERINE SPALDING SCHOOL	PAR	PK-8	N*	1200-1400	N/A	N/A	So. MD Resource Guide
OUR LADY STAR OF THE SEA SCHOOL	PAR	K-8	N*	1200-1800	N/A	N/A	So. MD Resource Guide

ST. JOHN'S SCHOOL	PAR	PK-8	N*	975-1300	N/A	N/A	So. MD Resource Guide
ST. MARY'S SCHOOL	PAR	K-8	N*	1453-2185	N/A	N/A	So. MD Resource Guide
ST. MICHAEL'S SCHOOL	PAR	K-8	N*	1887-2887	N/A	N/A	So. MD Resource Guide
ST. PETER'S SCHOOL	PAR	K-8	N*	1350-1450	N/A	N/A	So. MD Resource Guide
ST. MARY'S RYKEN HIGH SCHOOL	PAR	9-12	N	3775	N/A	N/A	So. MD Resource Guide
CHRIST CHURCH DAY SCHOOL	PAR	PK-5	N*	2280-1995	N/A	N/A	So. MD Resource Guide
FIRST BAPTIST CHURCH OF ST. CHARLES	PAR	PK-K	N*	960-1200	N/A	N/A	So. MD Resource Guide
GRACE BRETHREN CHRISTIAN SCHOOL	PAR	PK-5	Limit*	2990	N/A	N/A	So. MD Resource Guide
GRACE LUTHERAN SCHOOL	PAR	PK-5	N*	2070	N/A	N/A	So. MD Resource Guide
LEXINGTON PARK CHRISTIAN SCHOOL	PAR	1-8	Limit	2434-2584	N/A	N/A	So. MD Resource Guide
POTOMAC HEIGHTS CHRISTIAN SCHOOL	PAR	PK-8	N	2218	N/A	N/A	So. MD Resource Guide

SOUTHERN MARYLAND CHRISTIAN ACADEMY	PAR	PK-12	Y - 3379	2453	1040	N/A	So. MD Resource Guide
VICTORY BAPTIST ACADEMY	PAR	K-12	N	1900-2150	N/A	N/A	So. MD Resource Guide
WALDORF BAPTIST KINDERG. & PRE-SCHOOL	PAR	PK-K	N	1056-900	N/A	N/A	So. MD Resource Guide
WALDORF SEVENTH DAY ADVENTIST SCHOOL	PAR	K-8	N	1560-1800	N/A	N/A	So. MD Resource Guide
THE CALVERTON SCHOOL	PRV	PK-12	N/A	7200	1100	100%	So. MD Resource Guide
CHESAPEAKE MONTESSORI CENTER	PRV	PK-1	Y	2200-3100	N/A	N/A	So. MD Resource Guide
THE TIDEWATER SCHOOL	PRV	PK-3	Y	3130-4350	N/A	N/A	So. MD Resource Guide
THE BEDDOW SCHOOL	PRV	PK-5	N	3672	N/A	N/A	So. MD Resource Guide
LEONARD HALL JUNIOR NAVAL ACADEMY	PRV	5-12	N*	2375-2600	N/A	N/A	So. MD Resource Guide
CHOPTICON HIGH SCHOOL	PUB	9-12	YES	NONE	910	48.60	So. MD Resource Guide
GREAT MILLS HIGH SCHOOL	PUB	9-12	YES	NONE	894	44.10	So. MD Resource Guide

ESPERANZA MIDDLE SCHOOL	PUB	6-8	YES	NONE	N/A	N/A	So. MD Resource Guide
LEONARDTOWN HIGH SCHOOL	PUB	9-12	YES	NONE	924	47.90	So. MD Resource Guide
MARGARET BRENT MIDDLE SCHOOL	PUB	6-8	YES	NONE	N/A	N/A	So. MD Resource Guide
LEONARDTOWN MIDDLE SCHOOL	PUB	6-8	YES	NONE	N/A	N/A	So. MD Resource Guide
SPRING RIDGE MIDDLE SCHOOL	PUB	6-8	YES	NONE	N/A	N/A	So. MD Resource Guide
BANNEKER-LOVEVILLE ELEMENTARY SCHOOL	PUB	1-5	YES	NONE	N/A	N/A	So. MD Resource Guide
CARVER ELEMENTARY SCHOOL	PUB	1-5	YES	NONE	N/A	N/A	So. MD Resource Guide
DENT ELEMENTARY SCHOOL	PUB	1-5	YES	NONE	N/A	N/A	So. MD Resource Guide
DYNARD ELEMENTARY SCHOOL	PUB	1-5	YES	NONE	N/A	N/A	So. MD Resource Guide
GREEN HOLLY SCHOOL	PUB	1-5	YES	NONE	N/A	N/A	So. MD Resource Guide
GREENVIEW KNOLLS ELEMENTARY SCHOOL	PUB	1-5	YES	NONE	N/A	N/A	So. MD Resource Guide

HOLLYWOOD ELEMENTARY SCHOOL	PUB	1-5	YES	NONE	N/A	N/A	So. MD Resource Guide
LEONARDTOWN ELEMENTARY SCHOOL	PUB	1-5	YES	NONE	N/A	N/A	So. MD Resource Guide
LEXINGTON PARK ELEMENTARY SCHOOL	PUB	1-5	YES	NONE	N/A	N/A	So. MD Resource Guide
MECHANICSV. ELEMENTARY SCHOOL	PUB	1-5	YES	NONE	N/A	N/A	So. MD Resource Guide
OAKVILE ELEMENTARY SCHOOL	PUB	1-5	YES	NONE	N/A	N/A	So. MD Resource Guide
PARK ELEMENTARY SCHOOL	PUB	1-5	YES	NONE	N/A	N/A	So. MD Resource Guide
PINEY POINT ELEMENTARY SCHOOL	PUB	1-5	YES	NONE	N/A	N/A	So. MD Resource Guide
RIDGE ELEMENTARY SCHOOL	PUB	1-5	YES	NONE	N/A	N/A	So. MD Resource Guide
TOWN CREEK ELEMENTARY SCHOOL	PUB	1-5	YES	NONE	N/A	N/A	So. MD Resource Guide
WHITE MARSH ELEMENTARY SCHOOL	PUB	1-5	YES	NONE	N/A	N/A	So. MD Resource Guide
DR. GUSTAVUS BROWN ELEMENTARY SCHOOL	PUB	1-5	YES	NONE	N/A	N/A	So. MD Resource Guide

GALE-BAILEY ELEMENTARY SCHOOL	PUB	1-5	YES	NONE	N/A	N/A	So. MD Resource Guide
DR. THOMAS HIGDON ELEMMENTARY SCHOOL	PUB	1-5	YES	NONE	N/A	N/A	So. MD Resource Guide
INDIAN HEAD ELEMENTARY SCHOOL	PUB	1-5	YES	NONE	N/A	N/A	So. MD Resource Guide
DANIEL OF ST. THOMAS JENIFER ELEMENTARY SCHOOL	PUB	1-5	YES	NONE	N/A	N/A	So. MD Resource Guide
MALCOM ELEMENTARY SCHOOL	PUB	1-5	YES	NONE	N/A	N/A	So. MD Resource Guide
T.C. MARTIN ELEMENTARY SCHOOL	PUB	1-5	YES	NONE	N/A	N/A	So. MD Resource Guide
MARY MATULA ELEMENTARY SCHOOL	PUB	1-5	YES	NONE	N/A	N/A	So. MD Resource Guide
ARTHUR MIDDLETON ELEMENTARY SCHOOL	PUB	1-5	YES	NONE	N/A	N/A	So. MD Resource Guide
WALTER J. MITCHELL ELEMENTARY SCHOOL	PUB	1-5	YES	NONE	N/A	N/A	So. MD Resource Guide
MT. HOPE/NANJEMO ELEMENTARY SCHOOL	PUB	1-5	YES	NONE	N/A	N/A	So. MD Resource Guide

DR. SAMUEL A. MUDD ELEMENTARY SCHOOL	PUB	1-5	YES	NONE	N/A	N/A	So. MD Resource Guide
J.C. PARKS ELEMENTARY SCHOOL	PUB	1-5	YES	NONE	N/A	N/A	So. MD Resource Gudie
J.P. RYON ELEMENTARY SCHOOL	PUB	1-5	YES	NONE	N/A	N/A	So. MD Resource Guide
EVA TURNER ELEMENTARY SCHOOL	PUB	1-5	YES	NONE	N/A	N/A	So. MD Resource Guide
WILLIAM B. WADE ELEMENTARY SCHOOL	PUB	1-5	YES	NONE	N/A	N/A	So. MD Resource Guide
JOHN HANSON MIDDLE SCHOOL	PUB	6-8	YES	NONE	N/A	N/A	So. MD Resource Guide
MATTHEW HENSON MIDDLE SCHOOL	PUB	6-8	YES	NONE	N/A	N/A	So. MD Resource Guide
PICCOWAXEN MIDDLE SCHOOL	PUB	6-8	YES	NONE	N/A	N/A	So. MD Resource Guide
GENERAL SMALLWOOD MIDDLE SCHOOL	PUB	6-8	YES	NONE	N/A	N/A	So. MD Resource Guide
MILTON M. SOMERS MIDDLE SCHOOL	PUB	6-8	YES	NONE	N/A	N/A	So. MD Resource Guide

BENJAMIN STODDERT MIDDLE SCHOOL	PUB	6-8	YES	NONE	N/A	N/A	So. MD Resource Guide
WESTLAKE HIGH SCHOOL	PUB	9-12	YES	NONE	N/A	N/A	So. MD Resource Guide
LACKEY HIGH SCHOOL	PUB	9-12	YES	NONE	858	43.1	So. MD Resource Guide
MCDONOUGH HIGH SCHOOL	PUB	9-12	YES	NONE	871	49.5	So. MD Resource Guide
LA PLATA HIGH SCHOOL	PUB	9-12	YES	NONE	876	52.9	So. MD Resource Guide
THOMAS STONE HIGH SCHOOL	PUB	9-12	YES	NONE	872	54.2	So. MD Resource Guide
APPEAL ELEMENTARY SCHOOL	PUB	1-5	YES	NONE	N/A	N/A	So. MD Resource Guide
BEACH ELEMENTARY SCHOOL	PUB	1-5	YES	NONE	N/A	N/A	So. MD Resource Guide
CALVERT ELEMENTARY SCHOOL	PUB	1-5	YES	NONE	N/A	N/A	So. MD Resource Guide
HUNTINGTOWN ELEMENTARY SCHOOL	PUB	1-5	YES	NONE	N/A	N/A	So. MD Resource Guide
MUTUAL ELEMENTARY SCHOOL	PUB	1-5	YES	NONE	N/A	N/A	So. MD Resource Guide

PATUXENT ELEMENTARY SCHOOL	PUB	1-5	YES	NONE	N/A	N/A	So. MD Resource Guide
PLUM POINT ELEMENTARY SCHOOL	PUB	1-5	YES	NONE	N/A	N/A	So. MD Resource Guide
SUNDERLAND ELEMENTARY SCHOOL	PUB	1-5	YES	NONE	N/A	N/A	So. MD Resource Guide
CALVERT MIDDLE SCHOOL	PUB	6-8	YES	NONE	N/A	N/A	So. MD Resource Guide
NORTHERN MIDDLE SCHOOL	PUB	6-8	YES	NONE	N/A	N/A	So. MD Resource Guide
PLUM POINT MIDDLE SCHOOL	PUB	6-8	YES	NONE	N/A	N/A	So. MD Resource Guide
SOUTHERN MIDDLE SCHOOL	PUB	6-8	YES	NONE	N/A	N/A	So. MD Resource Guide
CALVERT HIGH SCHOOL	PUB	9-12	YES	NONE	905	36.42	So. MD Resource Guide
NORTHERN HIGH SCHOOL	PUB	9-12	YES	NONE	888	54	So. MD Resource Guide

(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	
St. Mary's College	Day Yes	No	No	Yes	Yes	No
	Night Yes	No	No	Yes	Yes	No
Charles County Comm. College	Day Yes	No	No	Yes	Yes	No
	Night Yes	No	Yes	Yes	Yes	No
University of Maryland	Day Yes	No	No	Yes	Yes	Yes
	Night Yes	No	No	Yes	Yes	Yes
St. Mary's Technical Center	Day Yes	No	Yes	No	No	No
	Night Yes		Yes	No	No	No
H & R Block	Day Yes	No	Yes	No	No	No
	Night Yes	No	Yes	No	No	No
Airpack Pilot Training	Day Yes	No	Yes	No	No	No
	Night Yes	No	Yes	No	No	No
Navy Flying Coach	Day No	No	Yes	No	No	No
	Night Yes	No	Yes	No	No	No
Great Mills High School	Day Yes	Yes	No	No	No	No
	Night Yes	Yes	No	No	No	No
Leonardtown High School	Day Yes	Yes	No	No	No	No
	Night Yes	Yes	No	No	No	No

Institution	Type Classes	Program Type(s)				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
St. Mary's College	Day Yes	No	No	Yes	Yes	No
	Night Yes	No	No	Yes	Yes	No
Chopticon High School	Day Yes	Yes	No	No	No	No
	Night Yes	Yes	No	No	No	No
St. Mary's Ryken High School	Day Yes	Yes	Yes	No	No	No
	Night No	No	No	No	No	No
Aaron's Beauty School	Day Yes	No	Yes	No	No	No
	Night No	No	Yes	No	No	No

(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	
Embry Riddle	Day	NO	NO	NO	NO	NO
	Night	NO	NO	NO	YES	NO
	Corres-pondence	NO	NO	NO	NO	NO
Florida Institute of Technology	Day	NO	NO	NO	NO	NO
	Night	NO	NO	NO	NO	YES
	Corres-pondence	NO	NO	NO	NO	NO

Institution	Type Classes	Program Type(s)				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
Univ. of Tenn. Space Institute	Day	NO	NO	NO	NO	NO
	Night	NO	NO	NO	NO	YES
	Corres-pondence	NO	NO	NO	NO	YES
University of Maryland	Day	NO	NO	NO	NO	YES
	Night	NO	NO	NO	NO	YES
	Corres-pondence	NO	NO	NO	NO	NO
Charles Co.	Day	NO	NO	YES	NO	NO
	Night	NO	NO	NO	NO	NO
	Corres-pondence	NO	NO	NO	NO	NO
Naval War College	Day	NO	NO	YES	NO	NO
	Night	NO	NO	NO	NO	NO
	Corres-pondence	NO	NO	NO	NO	NO

21. **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	14	25	13	
Manufacturing		0	1	
Clerical	196	215	143	
Service	10	7	4	
Other	4	5	4	

*Unemployment rates by skill level not available. Unemployment rates by counties for 1993 are:

St. Mary's	5.8%
Calvert	4.6%
Charles	4.3%
So. MD average	4.9%

Southern Maryland provides a wide variety of job opportunities for spouses of Navy employees. Over 63,000 people are employed in Southern Maryland. A growing support contractor community provides in excess of 5,000 jobs ranging from clerical through technical positions. Seventy-three percent of the workers residing in St. Mary's County are employed in St. Mary's County.

22. **Medical/Dental.**

a. 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.

Active duty military personnel have access to military medical and dental care on base in addition to the Naval Medical Center in Bethesda, MD, and Malcom Grow at Andrews Air Force Base for the most serious and specialty medical cases. There are civilian medical facilities in the local area at St. Mary's Hospital, 10 miles away and Calvert County Memorial Hospital, 30 miles away.

b. 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.

Dependents have access to medical care as stated in 22a for active duty personnel. Dental care is provided on a space available basis to dependents.

MILITARY:

The Naval Hospital/Branch Dental Clinic's primary mission is to provide health care services to active duty personnel and to maintain a proper state of material and personnel readiness to fulfill wartime and contingency mission plans. The hospital is equally committed to its peacetime mission to provide maximum health care services to all categories of eligible beneficiaries. The facility provides health care services to an estimated 25,000 beneficiary population. Nineteen physicians provide both impatient and outpatient services in primary care, emergency medicine, aviation medicine, family practice, general surgery, obstetrics and gynecology, internal medicine, and pediatrics supported by ancillary services. Dental services including dental surgery and limited orthodontic services are also provided.

CIVILIAN:

A wide range of medical care, specialists and services are available in Southern Maryland. There are public health departments and full service hospitals in each of the Southern Maryland counties. Hospitals are: St. Mary's (Co.) Hospital in Leonardtown, Physicians Memorial Hospital in Charles County and Calvert (Co.) Memorial in Prince Frederick. These Southern Maryland hospitals are licensed to accommodate approximately 400 patients. All are accredited by the Joint Commission on Accreditation of Healthcare Organizations, licensed by the Maryland Department of Health and Mental Hygiene and certified for Medicare and Medicaid. Services include 24 hour emergency care, obstetrical care and surgery as well as an array of therapeutic and diagnostic services including CAT scan and MRI equipment, and chemotherapy.

Maryland State Police helicopter MEDEVAC services originate from St. Mary's County Airport and serve not only the local hospitals, but also provide critical care enroute to Washington and Baltimore area shock trauma units.

There are 56 physicians and surgeons and 33 dentists practicing in St. Mary's County. Selected specialized medical services available in St. Mary's County include:

Marcey House - State and county funded residential halfway house for recovering substance abusers.

Orthopedic and Sports Medicine Clinic - Three board certified orthopedic surgeons offer a full berth of services including treatment of degenerative disorders of the spine and joint, trauma, and non-surgical and surgical repair of sports injuries. A full staffed and equipped rehabilitation center is on the premises. Physical therapy facility offers water therapy equipment and a complete gymnasium for patients' use.

Shanti Medical Center - Houses a multispecialty medical group providing comprehensive medical care. Board certified specialties include allergy, cardiology, dermatology, gastroenterology, radiology, pulmonary medicine, internal medicine, ophthalmology, pediatrics, psychiatry and family practice. There is a specific emphasis on early detection, prevention and risk-factor modification programs. Laboratory and radiology procedures are performed on site, using the latest diagnostic technology.

Chesapeake Regional Cancer Center - The Chesapeake Regional Cancer Center works with the Southern Maryland medical community to provide patients with cancer and tumors radiation therapy services. The primary treatment is delivered through a state of the art linear accelerator. A radiation oncologist and a physician trained in treating patients using radiation therapy are on staff. Free van service is offered to all patients.

BMA Dialysis - provides hemodialysis on site in St. Mary's County.

Home Health Agency - The Agency is managed by St. Mary's County Health Department and provides skilled nursing to recovering patients in the home. Services include physician-directed physical, occupational and speech therapy as well as personal care functions.

Hospice of St. Mary's County - Provides support and volunteer caretakers to terminally ill patients in their homes.

All three counties have fully staffed nursing homes providing the full range of resident geriatric care.

23. **Crime Rate**

R

CRIME RATE PER 100,000 POPULATION

	1993
VIOLENT CRIME	445
PROPERTY CRIME	2,581
DRUG CRIME	414

Note: This data represents St. Mary's County, MD and was provided by the Department of Economic and Community Development which calculated the above crime rate by using the Maryland-Uniform Crime Index Report .

23. **Crime Rate.**

Complete the table below to indicate the crime rate for your air 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.

This report includes all individuals founded or unfounded. Off-base information for this report is Navy property off-station (i.e., Glenn Forest, Solomon's Annex). The numbers of people involved in each incident are included so the total crimes will not agree with number of people. 1991 only includes the total incidents since records are only kept for two years.

Crime Definitions	FY 1991	FY 1992	FY 1993
1. Arson (6A)	1		1
Base Personnel - military			0
Base Personnel - civilian			1
Off Base Personnel - military			0
Off Base Personnel - civilian			0
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)	29	9		18
Base Personnel - military		2		16
Base Personnel - civilian		4		14
Off Base Personnel - military		4		1
Off Base Personnel - civilian		1		2
7. Larceny - Ordnance (6R)				
Base Personnel - military				
Base Personnel - civilian				
Off Base Personnel - military				
Off Base Personnel - civilian				
8. Larceny - Government (6S)	61	24		54
Base Personnel - military		10		30
Base Personnel - civilian		17		50
Off Base Personnel - military		1		1
Off Base Personnel - civilian		8		3

Crime Definitions	FY 1991	FY 1992	FY 1993
9. Larceny - Personal (6T)	167	84	98
Base Personnel - military		51	69
Base Personnel - civilian		44	35
Off Base Personnel - military		4	7
Off Base Personnel - civilian		10	7
10. Wrongful Destruction (6U)	150	85	97
Base Personnel - military		49	65
Base Personnel - civilian		45	40
Off Base Personnel - military		6	1
Off Base Personnel - civilian		4	4
11. Larceny - Vehicle (6V)	9	2	3
Base Personnel - military		2	2
Base Personnel - civilian		1	1
Off Base Personnel - military		0	0
Off Base Personnel - civilian		0	3
12. Bomb Threat (7B)	2	3	1
Base Personnel - military		3	1
Base Personnel - civilian		0	1
Off Base Personnel - military		0	0
Off Base Personnel - civilian		0	0

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)	65	46	78
Base Personnel - military		36	73
Base Personnel - civilian		41	83
Off Base Personnel - military		19	29
Off Base Personnel - civilian		16	28
15. Death (7H)		1	1
Base Personnel - military		0	0
Base Personnel - civilian		0	0
Off Base Personnel - military		0	1
Off Base Personnel - civilian		2	0
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)	2		6
Base Personnel - military			2
Base Personnel - civilian			4
Off Base Personnel - military			0
Off Base Personnel - civilian			0
19. Perjury (7P)	1		
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
20. Robbery (7R)	1		
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
21. Traffic Accident (7T)	108	108	159
Base Personnel - military		75	128
Base Personnel - civilian		97	146
Off Base Personnel - military		1	10
Off Base Personnel - civilian		11	13

Crime Definitions	FY 1991	FY 1992	FY 1993
22. Sex Abuse - Child (8B)	1		
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	2	1	2
Base Personnel - civilian		1	0
Off Base Personnel - military		3	3
Off Base Personnel - civilian		0	0
25. Sodomy (8G)		0	0
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			

TAB A

TECHNICAL OPERATIONS

FUNCTIONAL SUPPORT AREA-LIFE WORK FORM

NISEEAST DET ST. INIGOES

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TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA/LIFE CYCLE WORK AREA FORM

Technical Center Site	NISEEAST DET ST. INIGOES
Functional Support Area	6.3 Navigation-Surface Ship Navigation Systems
Life Cycle Work Area	7. Production

Note: An example of a functional support area - life cycle work area is "1. Platform, 1.1 Undersea, - 10. Program Support".

1. **In-House Work Years.** Provide the number of in-house government employee (civilian and military) work years for FY1993 that were performed in this functional support area - life cycle work area. Workyears are to be consistent with those used in the preparation of inputs to the President's budget.

2 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost in FY1993 for this functional support area - life cycle work area. $(K) 145

b. **Out-of-House Expenditures**. Provide the total funds expended during FY1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$(K) 96

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area.

$(K) 0

Note:

In-House Expenditures - Is comprised of the total obligation authority for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures - Is comprised of total obligational authority for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

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TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA/LIFE CYCLE WORK AREA FORM

Technical Center Site	NISEEAST SET ST. INIGOES
Functional Support Area	7.3 C3I Shipboard
Life Cycle Work Area	9. Modernization

Note: An example of a functional support area - life cycle work area is "1. Platform, 1.1 Undersea, - 10. Program Support".

1. **In-House Work Years.** Provide the number of in-house government employee (civilian and military) work years for FY1993 that were performed in this functional support area - life cycle work area. Workyears are to be consistent with those used in the preparation of inputs to the President's budget.

7 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost in FY1993 for this functional support area - life cycle work area. $(K) 1,114

b. **Out-of-House Expenditures**. Provide the total funds expended during FY1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$(K) 20

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area.

$(K) 2,376

Note:

In-House Expenditures - Is comprised of the total obligation authority for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures - Is comprised of total obligational authority for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

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TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA/LIFE CYCLE WORK AREA FORM

Technical Center Site	NISEEAST DET ST. INIGOES
Functional Support Area	7.3 C3I Shipboard
Life Cycle Work Area	14, In-Service Engineering

Note: An example of a functional support area - life cycle work area is "1. Platform, 1.1 Undersea, - 10. Program Support".

1. **In-House Work Years.** Provide the number of in-house government employee (civilian and military) work years for FY1993 that were performed in this functional support area - life cycle work area. Workyears are to be consistent with those used in the preparation of inputs to the President's budget.

8 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost in FY1993 for this functional support area - life cycle work area. $(K) 480

b. **Out-of-House Expenditures**. Provide the total funds expended during FY1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$(K) 15

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area.

$(K) 1,411

Note:

In-House Expenditures - Is comprised of the total obligation authority for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures - Is comprised of total obligational authority for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

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TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA/LIFE CYCLE WORK AREA FORM

Technical Center Site	NISEEAST DET ST. INIGOES
Functional Support Area	7.4 C3I Land-Based
Life Cycle Work Area	7. Production

Note: An example of a functional support area - life cycle work area is "1. Platform, 1.1 Undersea, - 10. Program Support".

1. **In-House Work Years.** Provide the number of in-house government employee (civilian and military) work years for FY1993 that were performed in this functional support area - life cycle work area. Workyears are to be consistent with those used in the preparation of inputs to the President's budget.

16 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost in FY1993 for this functional support area - life cycle work area. $(K) 1,243

b. **Out-of-House Expenditures.** Provide the total funds expended during FY1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$(K) 80

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area.

$(K) 17,788

Note:

In-House Expenditures - Is comprised of the total obligation authority for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures - Is comprised of total obligational authority for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

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TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA/LIFE CYCLE WORK AREA FORM

Technical Center Site	NISEEAST DET ST. INIGOES
Functional Support Area	7.4 C3I Land-Based
Life Cycle Work Area	9. Modernization

Note: An example of a functional support area - life cycle work area is "1. Platform, 1.1 Undersea, - 10. Program Support".

1. **In-House Work Years.** Provide the number of in-house government employee (civilian and military) work years for FY1993 that were performed in this functional support area - life cycle work area. Workyears are to be consistent with those used in the preparation of inputs to the President's budget.

5 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost in FY1993 for this functional support area - life cycle work area. $(K) 476

b. **Out-of-House Expenditures**. Provide the total funds expended during FY1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$(K) 50

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area.
$(K) 2,510

Note:
In-House Expenditures - Is comprised of the total obligation authority for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures - Is comprised of total obligational authority for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

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TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA/LIFE CYCLE WORK AREA FORM

Technical Center Site	NISEEAST DET ST/. INIGOES
Functional Support Area	7.4 C3I Land-Based
Life Cycle Work Area	14 In-Service Engineering

Note: An example of a functional support area - life cycle work area is "1. Platform, 1.1 Undersea, - 10. Program Support".

1. **In-House Work Years.** Provide the number of in-house government employee (civilian and military) work years for FY1993 that were performed in this functional support area - life cycle work area. Workyears are to be consistent with those used in the preparation of inputs to the President's budget.

16 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost in FY1993 for this functional support area - life cycle work area. $(K) 1,896

b. **Out-of-House Expenditures.** Provide the total funds expended during FY1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$(K) 40

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area.

$(K) 5,252

Note:

In-House Expenditures - Is comprised of the total obligation authority for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures - Is comprised of total obligational authority for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

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TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA/LIFE CYCLE WORK AREA FORM

Technical Center Site	NISEEAST DET ST. INIGOES
Functional Support Area	10.2 Logistics Planning
Life Cycle Work Area	15. Program Support (Life-Time)

Note: An example of a functional support area - life cycle work area is "1. Platform, 1.1 Undersea, - 10. Program Support".

1. **In-House Work Years.** Provide the number of in-house government employee (civilian and military) work years for FY1993 that were performed in this functional support area - life cycle work area. Workyears are to be consistent with those used in the preparation of inputs to the President's budget.

6 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost in FY1993 for this functional support area - life cycle work area. $(K) 362

b. **Out-of-House Expenditures.** Provide the total funds expended during FY1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$(K) 408

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area.

$(K) 864

Note:

In-House Expenditures - Is comprised of the total obligation authority for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures - Is comprised of total obligational authority for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

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TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA/LIFE CYCLE WORK AREA FORM

Technical Center Site	NISEEAST DET ST. INIGOES
Functional Support Area	10.9 Mission and Function
Life Cycle Work Area	7. Production

Note: An example of a functional support area - life cycle work area is "1. Platform, 1.1 Undersea, - 10. Program Support".

1. **In-House Work Years.** Provide the number of in-house government employee (civilian and military) work years for FY1993 that were performed in this functional support area - life cycle work area. Workyears are to be consistent with those used in the preparation of inputs to the President's budget.

7 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost in FY1993 for this functional support area - life cycle work area. $(K) 1,252

b. **Out-of-House Expenditures.** Provide the total funds expended during FY1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$(K) 7,600

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area.

$(K) 14,600

Note:

In-House Expenditures - Is comprised of the total obligation authority for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures - Is comprised of total obligational authority for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

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TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA/LIFE CYCLE WORK AREA FORM

Technical Center Site	NISEEAST DET ST. INIGOES
Functional Support Area	10.9 Mission and Function
Life Cycle Work Area	11. Maintenance

Note: An example of a functional support area - life cycle work area is "1. Platform, 1.1 Undersea, - 10. Program Support".

1. **In-House Work Years.** Provide the number of in-house government employee (civilian and military) work years for FY1993 that were performed in this functional support area - life cycle work area. Workyears are to be consistent with those used in the preparation of inputs to the President's budget.

4 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost in FY1993 for this functional support area - life cycle work area. $(K) 259

b. **Out-of-House Expenditures.** Provide the total funds expended during FY1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$(K) 80

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area.

$(K) 675

Note:

In-House Expenditures - Is comprised of the total obligation authority for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures - Is comprised of total obligational authority for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

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TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA/LIFE CYCLE WORK AREA FORM

Technical Center Site	NISEEAST DET ST. INIGOES
Functional Support Area	10.9 Mission and Function
Life Cycle Work Area	14. In-Service Engineering

Note: An example of a functional support area - life cycle work area is "1. Platform, 1.1 Undersea, - 10. Program Support".

1. **In-House Work Years.** Provide the number of in-house government employee (civilian and military) work years for FY1993 that were performed in this functional support area - life cycle work area. Workyears are to be consistent with those used in the preparation of inputs to the President's budget.

5 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost in FY1993 for this functional support area - life cycle work area. $(K) 700

b. **Out-of-House Expenditures.** Provide the total funds expended during FY1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$(K) 500

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area.

$(K) 100

Note:

In-House Expenditures - Is comprised of the total obligation authority for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures - Is comprised of total obligational authority for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

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TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA/LIFE CYCLE WORK AREA FORM

Technical Center Site	NISEEAST DET ST. INIGOES
Functional Support Area	10.9 Mission and Function
Life Cycle Work Area	15. Program Support (Life-Time)

Note: An example of a functional support area - life cycle work area is "1. Platform, 1.1 Undersea, - 10. Program Support".

1. **In-House Work Years.** Provide the number of in-house government employee (civilian and military) work years for FY1993 that were performed in this functional support area - life cycle work area. Workyears are to be consistent with those used in the preparation of inputs to the President's budget.

5 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost in FY1993 for this functional support area - life cycle work area. $(K) 712

b. **Out-of-House Expenditures.** Provide the total funds expended during FY1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$(K) 221

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area.

$(K) 0

Note:

In-House Expenditures - Is comprised of the total obligation authority for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures - Is comprised of total obligational authority for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

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TAB A

TECHNICAL OPERATIONS

FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

NAVAIR Det ST INIGOES

TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA/LIFE CYCLE WORK AREA FORM

Technical Center Site	NAVAIR DET ST. INIGOES
Functional Support Area	4. Special Operations
Life Cycle Work Area	9. Modernization

Note: An example of a functional support area - life cycle work area is "1. Platform, 1.1 Undersea, - 10. Program Support".

1. **In-House Work Years.** Provide the number of in-house government employee (civilian and military) work years for FY1993 that were performed in this functional support area - life cycle work area. Workyears are to be consistent with those used in the preparation of inputs to the President's budget.

60 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost in FY1993 for this functional support area - life cycle work area.

$(K) 26,813

b. **Out-of-House Expenditures.** Provide the total funds expended during FY1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$(K) 9,089

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area.

$(K) 25,807

Note:

In-House Expenditures - Is comprised of the total obligation authority for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures - Is comprised of total obligational authority for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA/LIFE CYCLE WORK AREA FORM

Technical Center Site	NAVAIR DET ST. INIGOES
Functional Support Area	5.2 Sensors & Surveillance Systems - Radar Systems
Life Cycle Work Area	4. Eng & Mfg Development

Note: An example of a functional support area - life cycle work area is "1. Platform, 1.1 Undersea, - 10. Program Support".

1. **In-House Work Years.** Provide the number of in-house government employee (civilian and military) work years for FY1993 that were performed in this functional support area - life cycle work area. Workyears are to be consistent with those used in the preparation of inputs to the President's budget.

7 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost in FY1993 for this functional support area - life cycle work area.

$(K) 3,679

b. **Out-of-House Expenditures.** Provide the total funds expended during FY1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$(K) 1,307

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area.

$(K) 958

Note:

In-House Expenditures - Is comprised of the total obligation authority for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures - Is comprised of total obligational authority for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA/LIFE CYCLE WORK AREA FORM

Technical Center Site	NAVAIR DET ST. INIGOES
Functional Support Area	5.2. Sensors & Surveillance Systems - Radar Systems
Life Cycle Work Area	7. Production

Note: An example of a functional support area - life cycle work area is "1. Platform, 1.1 Undersea, - 10. Program Support".

1. **In-House Work Years.** Provide the number of in-house government employee (civilian and military) work years for FY1993 that were performed in this functional support area - life cycle work area. Workyears are to be consistent with those used in the preparation of inputs to the President's budget.

4 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost in FY1993 for this functional support area - life cycle work area.

$(K) 794

b. **Out-of-House Expenditures.** Provide the total funds expended during FY1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$(K) 902

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area.

$(K) 240

Note:

In-House Expenditures - Is comprised of the total obligation authority for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures - Is comprised of total obligational authority for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA/LIFE CYCLE WORK AREA FORM

Technical Center Site	NAVAIR DET ST. INIGOES
Functional Support Area	5.2 Sensors & Surveillance Systems - Radar Systems
Life Cycle Work Area	8. Acceptance Testing

Note: An example of a functional support area - life cycle work area is "1. Platform, 1.1 Undersea, - 10. Program Support".

1. **In-House Work Years.** Provide the number of in-house government employee (civilian and military) work years for FY1993 that were performed in this functional support area - life cycle work area. Workyears are to be consistent with those used in the preparation of inputs to the President's budget.

8 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost in FY1993 for this functional support area - life cycle work area.

$(K) 6,245

b. **Out-of-House Expenditures.** Provide the total funds expended during FY1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$(K) 1,350

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area.

$(K) 1,583

Note:

In-House Expenditures - Is comprised of the total obligation authority for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures - Is comprised of total obligational authority for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA/LIFE CYCLE WORK AREA FORM

Technical Center Site	NAVAIR DET ST. INIGOES
Functional Support Area	5.2 Sensors & Surveillance Systems - Radar Systems
Life Cycle Work Area	10. Program Support (Life-Time)

Note: An example of a functional support area - life cycle work area is "1. Platform, 1.1 Undersea, - 10. Program Support".

1. **In-House Work Years.** Provide the number of in-house government employee (civilian and military) work years for FY1993 that were performed in this functional support area - life cycle work area. Workyears are to be consistent with those used in the preparation of inputs to the President's budget.

_2_ WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost in FY1993 for this functional support area - life cycle work area.

$(K) _354_

b. **Out-of-House Expenditures.** Provide the total funds expended during FY1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$(K) _261_

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area.

$(K) _410_

Note:

In-House Expenditures - Is comprised of the total obligation authority for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures - Is comprised of total obligational authority for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA/LIFE CYCLE WORK AREA FORM

Technical Center Site	NAVAIR DET ST. INIGOES
Functional Support Area	5.2 Sensors & Surveillance Systems - Radar Systems
Life Cycle Work Area	13. Testing

Note: An example of a functional support area - life cycle work area is "1. Platform, 1.1 Undersea, - 10. Program Support".

1. **In-House Work Years.** Provide the number of in-house government employee (civilian and military) work years for FY1993 that were performed in this functional support area - life cycle work area. Workyears are to be consistent with those used in the preparation of inputs to the President's budget.

18 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost in FY1993 for this functional support area - life cycle work area.

$(K) 3,176

b. **Out-of-House Expenditures.** Provide the total funds expended during FY1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$(K) 3,609

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area.

$(K) 957

Note:

In-House Expenditures - Is comprised of the total obligation authority for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures - Is comprised of total obligational authority for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA/LIFE CYCLE WORK AREA FORM

Technical Center Site	NAVAIR DET ST. INIGOES
Functional Support Area	5.2 Sensors & Surveillance Systems - Radar Systems
Life Cycle Work Area	14. In-Service Engineering

Note: An example of a functional support area - life cycle work area is "1. Platform, 1.1 Undersea, - 10. Program Support".

1. **In-House Work Years.** Provide the number of in-house government employee (civilian and military) work years for FY1993 that were performed in this functional support area - life cycle work area. Workyears are to be consistent with those used in the preparation of inputs to the President's budget.

13 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost in FY1993 for this functional support area - life cycle work area.

$(K) 7,555

b. **Out-of-House Expenditures.** Provide the total funds expended during FY1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$(K) 2,238

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area.

$(K) 3,173

Note:

In-House Expenditures - Is comprised of the total obligation authority for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures - Is comprised of total obligational authority for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA/LIFE CYCLE WORK AREA FORM

Technical Center Site	NAVAIR DET ST. INIGOES
Functional Support Area	7.3 C4I Shipboard
Life Cycle Work Area	7. Production

Note: An example of a functional support area - life cycle work area is "1. Platform, 1.1 Undersea, - 10. Program Support".

1. **In-House Work Years.** Provide the number of in-house government employee (civilian and military) work years for FY1993 that were performed in this functional support area - life cycle work area. Workyears are to be consistent with those used in the preparation of inputs to the President's budget.

36 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost in FY1993 for this functional support area - life cycle work area.

$(K) 15,380

b. **Out-of-House Expenditures.** Provide the total funds expended during FY1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$(K) 10,164

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area.

$(K) 27,715

Note:

In-House Expenditures - Is comprised of the total obligation authority for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures - Is comprised of total obligational authority for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA/LIFE CYCLE WORK AREA FORM

Technical Center Site	NAVAIR DET ST. INIGOES
Functional Support Area	7.3 C4I Shipboard
Life Cycle Work Area	8. Acceptance Testing

Note: An example of a functional support area - life cycle work area is "1. Platform, 1.1 Undersea, - 10. Program Support".

1. **In-House Work Years.** Provide the number of in-house government employee (civilian and military) work years for FY1993 that were performed in this functional support area - life cycle work area. Workyears are to be consistent with those used in the preparation of inputs to the President's budget.

6 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost in FY1993 for this functional support area - life cycle work area.

$(K) 1,066

b. **Out-of-House Expenditures.** Provide the total funds expended during FY1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$(K) 210

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area.

$(K) 3,806

Note:

In-House Expenditures - Is comprised of the total obligation authority for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures - Is comprised of total obligational authority for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA/LIFE CYCLE WORK AREA FORM

Technical Center Site	NAVAIR DET ST. INIGOES
Functional Support Area	7.3 C4I Shipboard
Life Cycle Work Area	10. Program Support Acquisition

Note: An example of a functional support area - life cycle work area is "1. Platform, 1.1 Undersea, - 10. Program Support".

1. **In-House Work Years.** Provide the number of in-house government employee (civilian and military) work years for FY1993 that were performed in this functional support area - life cycle work area. Workyears are to be consistent with those used in the preparation of inputs to the President's budget.

1 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost in FY1993 for this functional support area - life cycle work area.

$(K) 167

b. **Out-of-House Expenditures**. Provide the total funds expended during FY1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$(K) 105

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area.

$(K) 2,058

Note:

In-House Expenditures - Is comprised of the total obligation authority for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures - Is comprised of total obligational authority for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA/LIFE CYCLE WORK AREA FORM

Technical Center Site	NAVAIR DET ST. INIGOES
Functional Support Area	7.3 C4I Shipboard
Life Cycle Work Area	14. In-Service Engineering

Note: An example of a functional support area - life cycle work area is "1. Platform, 1.1 Undersea, - 10. Program Support".

1. **In-House Work Years.** Provide the number of in-house government employee (civilian and military) work years for FY1993 that were performed in this functional support area - life cycle work area. Workyears are to be consistent with those used in the preparation of inputs to the President's budget.

22 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost in FY1993 for this functional support area - life cycle work area.

$(K) 2,551

b. **Out-of-House Expenditures.** Provide the total funds expended during FY1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$(K) 1,587

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area.

$(K) 11,023

Note:

In-House Expenditures - Is comprised of the total obligation authority for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures - Is comprised of total obligational authority for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA/LIFE CYCLE WORK AREA FORM

Technical Center Site	NAVAIR DET ST. INIGOES
Functional Support Area	7.7 C4I Air Traffic Control Systems
Life Cycle Work Area	8. Acceptance Testing

Note: An example of a functional support area - life cycle work area is "1. Platform, 1.1 Undersea, - 10. Program Support".

1. **In-House Work Years.** Provide the number of in-house government employee (civilian and military) work years for FY1993 that were performed in this functional support area - life cycle work area. Workyears are to be consistent with those used in the preparation of inputs to the President's budget.

22 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost in FY1993 for this functional support area - life cycle work area.

$(K) 3,601

b. **Out-of-House Expenditures.** Provide the total funds expended during FY1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$(K) 2,505

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area.

$(K) 5,099

Note:

In-House Expenditures - Is comprised of the total obligation authority for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures - Is comprised of total obligational authority for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA/LIFE CYCLE WORK AREA FORM

Technical Center Site	NAVAIR DET ST. INIGOES
Functional Support Area	7.7 C4I Air Traffic Control Systems
Life Cycle Work Area	10. Program Support (Acquisition)

Note: An example of a functional support area - life cycle work area is "1. Platform, 1.1 Undersea, - 10. Program Support".

1. **In-House Work Years.** Provide the number of in-house government employee (civilian and military) work years for FY1993 that were performed in this functional support area - life cycle work area. Workyears are to be consistent with those used in the preparation of inputs to the President's budget.

4 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost in FY1993 for this functional support area - life cycle work area.

$(K) 1,873

b. **Out-of-House Expenditures.** Provide the total funds expended during FY1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$(K) 828

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area.

$(K) 1,223

Note:

In-House Expenditures - Is comprised of the total obligation authority for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures - Is comprised of total obligational authority for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA/LIFE CYCLE WORK AREA FORM

Technical Center Site	NAVAIR DET ST. INIGOES
Functional Support Area	7.7 C4I Air Traffic Control Systems
Life Cycle Work Area	11. Maintenance

Note: An example of a functional support area - life cycle work area is "1. Platform, 1.1 Undersea, - 10. Program Support".

1. **In-House Work Years.** Provide the number of in-house government employee (civilian and military) work years for FY1993 that were performed in this functional support area - life cycle work area. Workyears are to be consistent with those used in the preparation of inputs to the President's budget.

__2__ WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost in FY1993 for this functional support area - life cycle work area.

$(K) __132__

b. **Out-of-House Expenditures**. Provide the total funds expended during FY1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$(K) __136__

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area.

$(K) __181__

Note:

In-House Expenditures - Is comprised of the total obligation authority for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures - Is comprised of total obligational authority for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA/LIFE CYCLE WORK AREA FORM

Technical Center Site	NAVAIR DET ST. INIGOES
Functional Support Area	7.7 C4I Air Traffic Control Systems
Life Cycle Work Area	13. Testing

Note: An example of a functional support area - life cycle work area is "1. Platform, 1.1 Undersea, - 10. Program Support".

1. **In-House Work Years.** Provide the number of in-house government employee (civilian and military) work years for FY1993 that were performed in this functional support area - life cycle work area. Workyears are to be consistent with those used in the preparation of inputs to the President's budget.

_3_ WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost in FY1993 for this functional support area - life cycle work area.

$(K) _119_

b. **Out-of-House Expenditures.** Provide the total funds expended during FY1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$(K) _118_

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area.

$(K) _292_

Note:

In-House Expenditures - Is comprised of the total obligation authority for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures - Is comprised of total obligational authority for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA/LIFE CYCLE WORK AREA FORM

Technical Center Site	NAVAIR DET ST. INIGOES
Functional Support Area	7.7 C4I Air Traffic Control Systems
Life Cycle Work Area	14. In-Service Engineering

Note: An example of a functional support area - life cycle work area is "1. Platform, 1.1 Undersea, - 10. Program Support".

1. **In-House Work Years.** Provide the number of in-house government employee (civilian and military) work years for FY1993 that were performed in this functional support area - life cycle work area. Workyears are to be consistent with those used in the preparation of inputs to the President's budget.

22 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost in FY1993 for this functional support area - life cycle work area.

$(K) 4,737

b. **Out-of-House Expenditures.** Provide the total funds expended during FY1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$(K) 2,834

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area.

$(K) 5,134

Note:

In-House Expenditures - Is comprised of the total obligation authority for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures - Is comprised of total obligational authority for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

TAB C

RANGE RESOURCES

RANGE CAPABILITY FORM

RANGE RESOURCES
RANGE CAPABILITY FORM

Technical Center Site	NISEEAST DET ST. INIGOES
Range Nomenclature or Title	St. Inigoes Antenna Ranges

1. List all the ranges that your activity maintains and operates. Provide the following information on each range:

a. A brief statement of what the range is used for.

Test and evaluation of antennas which are associated with assigned command, control and communication systems, surveillance systems, and systems which over-arch multi-platforms. Projects include Air Traffic Control, Precision Air Landing Systems, Identification Friend-or-foe, AEGIS, Special Warfare, LAMPs, and SATCOM.

b. Geographic location of the range. **Webster Field, St. Inigoes, MD.**

c. Distance from the range to the activity's headquarters facility (main site). **Approximately 14 miles to NAWCAD, Patuxent River, MD.**

d. Range size in square miles. **0.1 square miles**

e. Scheduling authority. **Antenna range manager.**

f. Air space available/restrictions. **None.**

g. Maximum water depth available/restrictions. **N/A**

h. Instrumentation capability. System capabilities include:
- 30 Mhz to 40 Ghz (expandable to 140 Ghz)
- 110 dB dynamic range (maximum)
- 0.001 dB amplitude resolution
- 0.01 degree phase resolution
- 0.2 ms measurement interval (minimum)
- minus 141 dBm receiver sensitivity
- 40 Ghz/sec tracking rate
- 100 dB channel isolation
- 0.05 dB per 10 dB amplitude accuracy
- 0.05 dB per degree Centigrade amplitude stability
- 0.4 degree per 10 dB phase accuracy
- 0.4 degree per degree Centigrade phase stability

TAB C
UIC N65980

- 0.05 degree position increment
- Seven degree/sec positioning velocity
- Automatic three-axis positioning
- Automatic antenna boresighting
- Automatic calibration to standard gain antennas
- DOS 5.0 and Windows 3.1 operating environment
- High performance 386 and 486 computers

i. Accuracy of tracking. **Not a tracking range.**

j. Data collection/replay capability. Capabilities include:
- Principle plane antenna patterns
- Three dimensional raster scans
- Automated gain measurements
- Automated SWR measurements
- Polarization measurements
- Boresight measurements
- Insertion loss measurements
- Phase measurements
- Transmission line and waveguide analysis
- Monopulse analysis
- Circular polarization analysis
- Antenna alignments and focusing
- Specification verification
- Automated data acquisition
- Automated data analysis including: beampeak level and location, sidelobe level and location, null depth and location, gain coverage, circular polarization analysis, and plotting
- Hardcopy plot formats include: Polar, Cartesian, Data listing, Contour, Three-dimensional, and ASCII data files.
- Approved for SECRET level data.

k. What are the maximum hours per year that this range is available to support activities? Provide the actual hours that the range was up and capable of providing services. Do not count "down time" due to maintenance, reconfiguration, or administrative activities (i.e., Holiday shutdowns). **1040 hours/year.**

l. What were the actual hours this range was utilized per year for the last five years (FYs 1989-1993)?

280 hours - FY 93
792 hours - FY 92
588 hours - FY 91
736 hours - FY 90
792 hours - FY 89

m. What were the actual hours that this range was utilized in FY1993? **280 hours.**

n. Who are the customers of the range? **NAVAIR, SPAWAR, NAVSEA, NRL, LAMPS, SPECWAR (includes Air Force, Army and Marines)**

o. Of the actual hours utilized what percentage of utilization time was provided to which customers

FY	NAVAIR	SPAWAR	NAVSEA	NRL	LAMPS	SPECWAR
93	36%	0%	0%	0%	0%	64%
92	72%	14%	0%	14%	0%	0%
91	97%	3%	0%	0%	0%	0%
90	47%	21%	0%	0%	23%	9%
89	28%	19%	7%	0%	16%	30%

p. Provide a sketch, drawing or map of the range.

2. Are any of your ranges part of the DoD Major Range and Test Facility Base (MRTFB)? (yes/no) If yes, which ones? **No**

3. Are there any limiting (current or future) environmental and/or encroachment characteristics that are associated with this range. **No**

Pg 8, Sec 5 Cy

BRAC-95 CERTIFICATION

Certified Data: BRAC 95 Data Call Number Five - NISEEAST DET ST INIGOES MD

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

NEXT ECHELON LEVEL (if applicable)

G. A. KLEIN III
NAME (Please type or print)

Signature

Acting Commander
Title

15 September 1994
Date

Naval Command, Control and Ocean Surveillance Center
Activity

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

MAJOR CLAIMANT LEVEL

W. H. CANTRELL
NAME (Please type or print)

W. H. Cantrell
Signature

Commander
Title

9/22/94
Date

Space and Naval Warfare Systems 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

10/5/94
Date

Activity

Resubmission of pages 8 & 59

BRAC-95 CERTIFICATION

Certified Data: BRAC 95 Data Call Number Five - NISEEAST DET ST INIGOES MD

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

NEXT ECHELON LEVEL (if applicable)

J. J. DONEGAN
NAME (Please type or print)

Signature

Commander
Title

6/28/94.
Date

Naval Command, Control and Ocean
Surveillance Center
Activity

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

MAJOR CLAIMANT LEVEL

W. H. CANTRELL
NAME (Please type or print)

W. H. Cantrell
Signature

Commander
Title

10 Aug 94
Date

Space and Naval Warfare
Systems 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

15 AUG 1994
Date

Activity

BRAC-95 CERTIFICATION

Certified Data: BRAC 95 Data Call Number Five - NISEEAST DET ST INIGOES MD

Reference: SECNAV NOTE 11000 dtd 8 Dec 93

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

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

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

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

ACTIVITY COMMANDER

D. C. BAILEY
Name


Signature

Acting Commanding Officer
Title

23 June 1994
Date

NISE East
Activity

Completely revised

MILITARY VALUE DATA CALL

TECHNICAL CENTERS

Category	Technical Centers
Technical Center Site	NISEEAST DET ST INIGOES MD
Location/Address	St. Inigoes, MD.

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Mission	
1. Mission Statement	1
2. Joint Service Missions	1
Technical Functions	
3. Technical Functions Resource Allocations	1
Manpower	
4. Work Breakdown Structure	1
5. Technical Staff Qualifications	2
Facilities and Equipment	
6. Special Facilities/Equipment Resources	6
7. General Facilities/Equipment Resources	6
Location	
8. Geographic Location	9
Features and Capabilities	
9. Computational Facilities	10
10. Mobilization Responsibility and Capability	10
11. Range Resources	10
Quality of Life Questions 12-23	10
TAB A Technical Operations: Functional Support Area - Life Cycle Work Area Form	N/A
TAB B Facilities and Equipment: Facilities/Equipment Capability Form	N/A
TAB C Range Resources: Range Capability Form	

MILITARY VALUE MEASURES

MISSION

GENERAL NOTE: After implementing a significant reorganization driven by previous BRAC decisions and right sizing, NCCOSC Detachment sites and field offices are no longer functionally independent activities. To achieve greatest efficiency possible, while operating with a smaller work force at multiple field sites, business operations, technical functions, administration and workload have been integrated, and are managed and operated at the Division level. As a result, technical functions and workload data requested by this data call is not routinely available at the individual detachment level and is therefore not included in this data submission. However, data found in the NISEEAST CHARLESTON SC response for Data Call Number Five provides integrated technical functions, mission and workload data for itself and its detachments.

1. **Mission Statement.** *

2. **Joint Service Missions.***

3. **Technical Functions Resource Allocations.***

4. **Work Breakdown Structure.** *

* Note: As indicated in the "GENERAL NOTE" above, technical functions, mission and workload data is not routinely available at the Detachment level, hence data for these Sections is not provided.

5. **Technical Staff Qualifications.**

a. Use Table 5.1 (below) to provide data on the civilian personnel allocated to Technical Operations having the educational and experience levels indicated in the table for your activity. Report data as of 31 March 1994. Similarly, use Table 5.2 (below) to provide data for all your separate detachments or sites that did not receive this data call directly. Consolidate data from all of these detachments into one table (5.2). Provide a list of the detachments whose data is included in Table 5.2.

Table 5.1, Technical Staff Education Level for
(Activity: NISEEAST DET ST INIGOES MD) (UIC N65980)

Highest Degree Attained	Less than 3 Years	3-10 Years	11-15 Years	16-20 Years	More than 20 Years	Total
Grade School	-	-	-	-	-	0
High School	-	28	15	14	40	97
B.A./B.S	1	89	20	11	37	158
M.A./M.S	-	3	-	-	9	12
Ph.D./ M.D.	-	-	-	-	-	0
Total	1	120	35	25	86	267

Table 5.2, Technical Staff Education Level for all Detachments
(Activity: NISEEAST DET ST INIGOES MD) (UIC N65980)

Highest Degree Attained	Less than 3 Years	3-10 Years	11-15 Years	16-20 Years	More than 20 Years	Total
Grade School						
High School						
B.A./B.S						
M.A./M.S						
Ph.D./ M.D.						
Total						NONE

b. Use Table 5.3 (below) to provide data on the number of civilian personnel allocated to Technical Operations with graduate degrees and at least three years of applicable experience that have their highest degree in the fields indicated. Report data as of 31 March 1994. Similarly, use Table 5.4 (below) to provide data for all your separate detachments or sites that did not receive this data call directly. Consolidate data from all of these detachments into one table (5.4). Provide a list of the detachments whose data is included in Table 5.4

Table 5.3, Technical Staff Academic Fields for (Activity:NISEEAST DET ST INIGOES MD) (UIC N65980)

Academic field	Number
Physics	
Chemistry	
Biology	
Mathematics/Statistics/ Operations Research	
Engineering	10
Medical	
Dental	
Computer Science	
Social Science	
Other Science	
Non-Science	2
Total	12

Table 5.4, Technical Staff Academic Fields for all Detachments (Parent Activity: NISEEAST DET ST INIGOES MD) (UIC N65980)

Academic field	Number
Physics	
Chemistry	
Biology	
Mathematics/Statistics/ Operations Research	
Engineering	
Medical	
Dental	
Computer Science	
Social Science	
Other Science	
Non-Science	
Total	NONE

c. Are there unique aspects of the activity's location that help or hinder in the hiring of qualified personnel?

The location of the St. Inigoes detachment provides a ready source of qualified personnel. New employees can be recruited from the many universities and training facilities within the nearby area.

Subsection 5d through 5o.*

* Note: As indicated in the "GENERAL NOTE" found at the front of this data call response, technical functions, mission and workload data is not routinely available at the Detachment level, hence data for these sections is not provided.

FACILITIES AND EQUIPMENT

6. **Special Facilities/Equipment Resources. NONE**

Include a copy of the form provided at Tab B of this data call for each facility and "major" piece of equipment located at this activity. Include information on separate detachments. The following definitions will apply:

Facilities - Will include such things as rocket firing bays, towing tanks, anechoic chambers, hypervelocity gun ranges, hyperbaric chambers, wind tunnels, simulation/emulation laboratories, etc. Include buildings that are integral to the facility/equipment. Do not include major outdoor ranges or land.

Also, describe modeling and simulation capabilities, hardware in-the-loop facilities and analysis or wargaming capabilities.

Equipment - Resources used to support the operation of the site with a replacement value of $500,000 or greater. Do not include land or buildings in this category. In reporting equipment, provide information to indicate the degree of portability of the equipment.
Class 3 Personal Property items ("plant equipment" or "equipment in place") by definition are highly portable and can be moved easily. Some Class 2 Installed Equipment, such as Main-frame computers, test stands and small hyperbaric chambers, require more extensive utilities support and assembly of components, but can be relocated without damage to the facility or equipment, and therefore are considered "moveable" assets. Other Class 2 items are so large and/or integral to the facility that houses them that major demolition and construction would be required to relocate them, and therefore are considered "fixed" assets. Where appropriate, pieces of equipment can be aggregated for the purposes of completing Tab B.

7. **General Facilities.**

a. Is there any cash revenue generated by this activity? Example: Electricity generated at this activity and sold to the local community. If yes, describe. **NO**

b. What MILCON projects are currently programmed to be completed by the end of FY1995? **P-712, P-720, P-723** For each project provide:

(1) A description of the proposed facility with title and project number. Be sure to include the trailing alpha designator for BRACs-88, 91 and 93 realignment projects, i.e., P-xxxR, P-xxxS, P-xxxT .

P-712: ACLS Integration Test Facility. Description: 7,200 SF, single story, permanent building with pile foundation supported by concrete, masonry walls, built up roof. Building will include integration lab, test lab, staging and test area, repair and instrumentation area, parts storage, fire protection system, security alarms, handicapped access, parking and utilities.

P-723: FACSFAC Electronic Systems Integration Facility.
Description: 25,400 SF permanent, two-story building with a pile supported concrete foundation, steel framing with masonry veneer walls, and built-up roofing. Will include facilities for the handicapped, computer room, bench labs, office and storage space, HVAC, fire protection system, controlled access, road and parking areas. Project will provide space for all hardware and software functions, logistics support, and administrative personnel.

P-720: Electronic Systems Integration Lab.
Description: 27,900 SF, single story, pile supported concrete foundation, steel framed masonry walls with computer room, bench labs, offices, storage, controlled access and parking areas. Will provide software and hardware maintenance, repair, configuration management, problem analysis, and logistics support for AN/SPN-46 ACLS installations.

(2) The functional support area(s) that the new facility will support. Refer to Appendix A. **P-712, P-720 and P-723 all support area 7.7.**

(3) Identify installed equipment to be provided based on the threshold guidance of paragraph 6, page 12, of this data call. **NONE**

(4) The additional square footage that this project will provide to the functional support area(s).

P-712; 7,200 SF
P-723; 27,000 SF
P-720; 27,900 SF

(5) The current working estimate (CWE) & planned beneficial occupancy date (BOD) of the project.

	CWE	BOD
P-172	$1,053K	1 Sep 94
P-723	$2,632K	1 Oct 94
P-720	$3,437K	1 Apr 95

c. What MILCON projects are currently programmed to be executed/completed after FY1995? **P-721, AEGIS Electronic Equipment Staging Facillity**. For each project provide:

(1) A description of the proposed facility with title and project number.

Description: A permanent one story masonry building having a pile supported concrete foundation and floor, steel framed clear span staging and storage area, fire alarm system, security fence, environmental controls, access road, parking and utilities. Will provide logistics support and staging facilities for electronic and communication systems and equipment undergoing integration, test and evaluation in support of the AEGIS CG-47 and DDG-51 radio communication system integration and the related in-service engineering program

(2) The functional support area(s) the new facility will support.

7.3 (2A)

(3) The identified installed equipment to be provided based on the threshold guidance of paragraph 6, page 12, of this data call. **NONE**

(4) The additional square footage this project will provide to the functional support area(s).

57,560 SF

(5) CWE & planned BOD.

CWE; 6.7M BOD; 1 Apr 2000

d. What is the distance (in miles) to the nearest military airfield and/or pier not located at your site? Describe. Assume all previous BRAC closures have been executed.

14 miles, Patuxent River MD, Naval Air Station

e. How many certified magazines, used for the storage of explosives, does this activity own or control? What is the total explosive weight storage capacity?

N/A

LOCATION

8. **Geographic Location.**

a. Is there an imperative in facility, function or synergy that requires the installation/base/facility to be in its present location? If yes, describe. Yes

NISEEAST DET ST INIGOES MD provides a rural (semi-isolated) location for:

- conducting electromagnetic testing in a "quiet" environment
- conducting In-Service Engineering (ISE) activities on "sensitive" C4I programs
- providing outlying facilities for aircraft and air warfare C4I related testing in conjunction with operations at nearby NAWC-AD and NAS Patuxent River
- conducting samll boat operations in support of special warfare C4I testing

b. What is the importance of the present location relative to customers supported?

NISEEAST DET ST INIGOES MD location nearby NAWC-AD and NAS Patuxent River provides for simple and inexpensive movement of technical personnel between these centers in support of ISE functions.

The relatively close location of St. Inigoes to Washington DC (80 miles) facilitates the conduct of technical reviews between program sponsors (from Washington) and the NISEEAST DET ST INIGOES MD staff

In addition, the Naval Surface Warfare Center Dahlgren VA is located 60 miles from St. Inigoes.

FEATURES AND CAPABILITIES

9. **Computational Facilities.***

10. **Mobilization Responsibility and Capability.***

* As indicated in the "GENERAL NOTE" found at the front of this data call response, technical functions, mission and workload data is not routinely available at the Detachment level, hence data for these Sections is not provided.

11. **Range Resources.**

See Tab C - Range Resources

Include a copy of the form provided at Tab C of this data call for each range located at this activity or operated by this activity. Also, report ranges at detachments and sites not receiving a separate data call. The following definition of a range will apply:

Range - An instrumented or non-instrumented area that utilizes air, land, and/or water space to support test and evaluation, measurements, training and data collection functions, but is not enclosed within a building.

12 - 23. **Quality of Life**

The NISEEAST DET ST INIGOES MD has no dedicated MWR assets and as such is not providing independently prepared quality of life data. Please refer to the Military Value data call for the NAS Patuxent River, MD for this data.

TAB C

RANGE RESOURCES
RANGE CAPABILITY FORM

RANGE RESOURCES
RANGE CAPABILITY FORM

Technical Center Site	NISEEAST DET ST INIGOES MD
Range Nomenclature or Title	St. Inigoes Antenna Ranges

1. List all the ranges that your activity maintains and operates. Provide the following information on each range:

a. A brief statement of what the range is used for. Test and evaluation of antennas which are associated with assigned command, control and communication systems, surveillance systems, and systems which over-arch multi-platforms. Projects include Air Traffic Control, Precision Air Landing Systems, Identification Friend-or-foe, AEGIS, Special Warfare, LAMPs, and SATCOM.

b. Geographic location of the range. Webster Field, St. Inigoes, MD.

c. Distance from the range to the activity's headquarters facility (main site). Approximately 14 miles to NAWCAD, Patuxent River, MD.

d. Range size in square miles. 0.1 square miles

e. Scheduling authority. Antenna range manager.

f. Air space available/restrictions. None.

g. Maximum water depth available/restrictions. N/A

h. Instrumentation capability. System capabilities include:
- 30 Mhz to 40 Ghz (expandable to 140 Ghz)
- 110 dB dynamic range (maximum)
- 0.001 dB amplitude resolution
- 0.01 degree phase resolution
- 0.2 ms measurement interval (minimum)
- minus 141 dBm receiver sensitivity
- 40 Ghz/sec tracking rate
- 100 dB channel isolation
- 0.05 dB per 10 dB amplitude accuracy

- 0.05 dB per degree Centigrade amplitude stability
- 0.4 degree per 10 dB phase accuracy
- 0.4 degree per degree Centigrade phase stability
- 0.05 degree position increment
- Seven degree/sec positioning velocity
- Automatic three-axis positioning
- Automatic antenna boresighting
- Automatic calibration to standard gain antennas
- DOS 5.0 and Windows 3.1 operating environment
- High performance 386 and 486 computers

i. Accuracy of tracking. Not a tracking range

j. Data collection/replay capability. Capabilities include:

- Principle plane antenna patterns
- Three dimensionsl raster scans
- Automated gain measurements
- Automated SWR measurements
- Polarization measurements
- Boresight measurements
- Insertion loss measurements
- Phase measurements
- Transmission line and waveguide analysis
- Monopulse analysis
- Circular polarization analysis
- Antenna alignments and focusing
- Specification verification
- Automated data acquisition
- Automated data analysis including: beampeak level and location, sidelobe level and location, null depth and location, gain coverage, circular polarization analysis, and plotting
- Hardcopy plot formats include: Polar, Cartesian, Data listing, Contour, Three-dimensional, and ASCII data files.
- Approved for SECRET level data.

k. What are the maximum hours per year that this range is available to support activities? Provide the actual hours that the range was up and capable of providing services. Do not count "down time" due to maintenance, reconfiguration, or administrative activities (i.e., Holiday shutdowns). 1040 hours/year

l. What were the actual hours this range was utilized per year for the last five years (FYs 1989-1993)?

280 hours - FY 93

792 hours - FY 92
588 hours - FY 91
736 hours - FY 90
792 hours - FY 89

m. What were the actual hours that this range was utilized in FY1993? 280 hours.

n. Who are the customers of the range? NAVAIR, SPAWAR, NAVSEA, NRL, LAMPS, SPECWAR (includes Air Force, Army and Marines)

o. Of the actual hours utilized what percentage of utilization time was provided to which customers?

FY	NAVAIR	SPAWAR	NAVSEA	NRL	LAMPS	SPECWAR
93	36%	0%	0%	0%	0%	64%
92	72%	14%	0%	14%	0%	0%
91	97%	3%	0%	0%	0%	0%
90	47%	21%	0%	0%	23%	9%
89	28%	19%	7%	0%	16%	30%

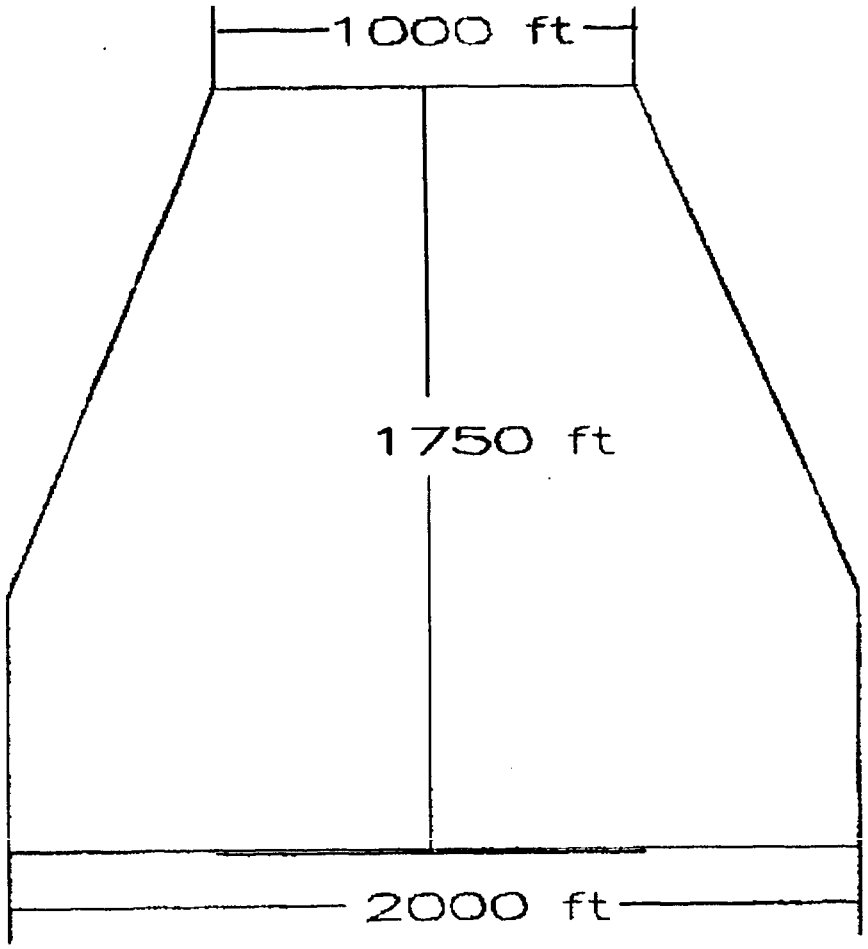
p. Provide a sketch, drawing or map of the range.

2. Are any of your ranges part of the DoD Major Range and Test Facility Base (MRTFB)? (yes/no) If yes, which ones? Unknown

3. Are there any limiting (current or future) environmental and/or encroachment characteristics that are associated with this range. No

Antenna Test Range

Webster Field, St. Inigoes, MD



BRAC-95 CERTIFICATION

Certified Data: Naval Command, Control and Ocean Surveillance Center, ISE East Coast Detachment St. Inigoes, MD - BRAC 95 Data Call Number Five

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

MAJOR CLAIMANT LEVEL

W.H. Cantrell
NAME (Please type or print)

W.H. Cantrell
Signature

Commander
Title

17 May 1994
Date

Space and Naval Warfare Systems 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

27 May 1994
Date

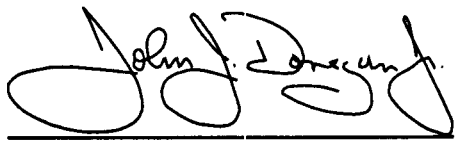
Activity

BRAC-95 CERTIFICATION

Certified Data: Naval Command, Control and Ocean Surveillance Center, ISE East Coast Detachment, St. Inigoes, MD - BRAC 95 Data Call Number Five

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

NEXT ECHELON LEVEL



J. J. DONEGAN
NAME (Please type or print)

SIGNATURE

Commander
Title

17 May 1994
Date

Naval Command, Control and Ocean
Surveillance Center
Activity

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."

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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

Captain Anthony W. Lengerich
Name


Signature

Commanding Officer
Title

Date 16 May 1994

NISE East
Activity

Data Call #5 NISE East Detachment St. Inigoes

See Revised Data Call

CAPACITY ANALYSIS:
DATA CALL #4 WORK SHEET FOR
TECHNICAL CENTER or LABORATORY: **NISEEAST DET ST INIGOES MD (UIC N65980)**

GENERAL NOTE:

After implementing a significant reorganization driven by previous BRAC decisions and right sizing, NCCOSC Detachment sites and field offices are no longer functionally independent activities. To achieve greatest efficiency possible, while operating with a smaller work force at multiple field sites, business operations, technical functions, administration and workload have been integrated, and are managed and operated at the Division level. As a result, budget and workload data requested by this data call is not routinely available at the individual detachment level and is therefore not included in this data submission. However, data found in the NISEEAST CHARLESTON SC response for Data Call Number Four provides integrated budget and workload data for all of NISEEAST including that of its detachments.

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2. Current Class 2 Assets	2
3. Class 2 Space Available for Expansion	14
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6. Ship Berthing Capacity	25
7. Operational Airfield Capacity	25
8. Depot Level Maintenance Capacity	25
9. Ordnance Storage Capacity	25

TAB A: Ship Berthing Capacity
TAB B: Operational Airfield Capacity
TAB C: Depot Level Maintenance Capacity
TAB D: Ordnance Storage Capacity

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

7 April 1994

1. Historical and Projected Workload.

Note: As indicated in the "GENERAL NOTE" found at the front of this data call response, budget and workload data is not routinely available at the Detachment level, hence data for this Section is not provided.

2. Current Class 2 Assets.

Complete Tables 2.1 thru 2.6 below as directed. Tables 2.1, 2.2 & 2.3 will define the Class 2 property owned or leased by your activity (less Detachments). Tables 2.4, 2.5 & 2.6 will define the combined Class 2 assets owned or occupied at your Detachment sites which did not receive this Data Call directly. Report space holdings and assignments as of 31 March 1994. Provide numbered notes to explain imminent changes, additions & deletions such as previous BRAC realignments, MILCON (including BRAC related MILCON) & Special Projects that are currently programmed in the FYDP. Give the project number & title, cost, short description, quantity of additional square footage, award date, estimated/actual construction start date and estimated BOD. Square footage of space is to be reported in "Gross Floor/Building Area" (GF/BA) as defined in NAVFAC P-80. Many of the P-80 Category Code Numbers (CCN's) have assets that are reported in units of measure other than square feet (SF). The only unit of measure desired for this Data Call is SF. Only report the assets in each CCN that are normally reported in SF.

For your Site:

a. Use Table 2.1 below to indicate the total amount of Class 2 space at your site for which you are the plant account holder as of 31 March 1994.

b. Use Table 2.2 below to indicate the total amount of your Class 2 space reported in Table 2.1 that is assigned to your tenant commands and/or independent activities at your site as of 31 March 1994.

c. Use Table 2.3 below to indicate the total amount of Class 2 space, for which you are not the plant account holder, but which is utilized/leased by you (less Detachments). Provide numbered notes to identify the title and UIC of the plant account holder/lessor, quantity of leased space and the associated lease cost.

Table 2.1 Main Site Class 2 Assets of NISEEAST DET ST INIGOES MD (UIC N65980)

Building type	NAVFAC (P-80) category code	Gross Floor/Building Area (KSF)			
		Adequate	Sub-standard	In-adequate	Total
Operational & Training	100	1	0	0	1
Maintenance & Production	200	42	0	0	42
Science labs	310	2	6	0	8
Aircraft labs	311	0	0	0	0
Missile and Space labs	312	0	0	0	0
Ship and Marine labs	313	27	0	0	27
Ground Transportation labs	314	0	0	0	0
Weapon and Weapon Systems labs	315	0	0	0	0
Ammunition, Explosives, & Toxics labs	316	0	0	0	0
Electrical Equip. labs	317	210	26	0	236
Propulsion labs	318	0	0	0	0
Miscellaneous labs	319	25	3	0	29
Underwater Equip. labs	320	0	0	0	0
Technical Services labs	321	2	13	0	15
Supply Facilities	400	6	0	0	6
Hospital & other Medical	500	0	0	0	0
Administrative Facilities	600	90	22	0	112
Housing & Community	700	6	3	0	9
Utilities & Grounds	800	3	0	0	3
Other		0	0	0	0
	Totals	415	73	0	488

Notes:

1. All Class 2 assets listed in Table 2.1 above will be transferred to NAS Patuxent River, an activity under the claimancy of NAVAIR, on or about 1 October 1994.

2. Programmed MILCON:
   a. Project Number and Title: P-712-ACLS Integration Test Facility
      1) Cost: 1.75M
      2) Description: Integration Lab, Test Lab, Staging, Instrumentation Area
      3) Additional SF: 7,200
      4) Award Date: 9-9-93
      5) Estimated/Actual construction start date: 1 Feb 94
      6) Estimated BOD: 1 Sep 94
      7) Category Code(s) and associated SF: 317-7200

   b. Project Number and Title: P-723-FACSFAC Elec System Integration FAC
      1) Cost: 4.02M
      2) Description: Computer Room, Bench Labs, Office
      3) Additional SF: 25,400
      4) Award Date: 9-9-93
      5) Estimated/Actual construction start date: 1 Feb 94
      6) Estimated BOD: 1 June 95
      7) Category Code(s) and associated SF: 200-487, 317-11663, 600-8863

   c. Project Number and Title: P-720-AN/SPN-46(V) Life Cycle Support Facility
      1) Cost: 5.8M
      2) Description: Bench Lab, Office Space, Storage Area, Computer Maint.
      3) Additional SF: 27,900
      4) Award Date: 4-14-94
      5) Estimated/Actual construction start date: 1 June 94
      6) Estimated BOD: 1 June 95
      7) Category Code(s) and associated SF: 200-6854, 317-9085, 600-11961

3. Programmed Special Projects:
   a. Project Number and Title: C8-91 Addition to B-140
      1) Cost: 245K
      2) Description: 50 ft addition supports AEGIS-ARCC Mock-up
      3) Additional SF: 2760
      4) Award Date: 15 June 94
      5) Estimated/Actual construction start date: 1 July 94
      6) Estimated BOD: 1 Nov 94
      7) Category Code(s) and associated SF: 317-2760

b. Project Number and Title: C14-91 Addition to B-131
1) Cost: 235K
2) Description: 20x80 lab and office addition supports IFF/ATC
3) Additional SF: 1632
4) Award Date: 19 June 94
5) Estimated/Actual construction start date: 1 Aug 94
6) Estimated BOD: 1 Dec 94
7) Category Code(s) and associated SF: 313-1632

c. Project Number and Title: C5-89 Addition to B-142
1) Cost: 160K
2) Description: 2000 SF warehouse addition for PALS equipment
3) Additional SF: 2000
4) Award Date: 1 Aug 94
5) Estimated/Actual construction start date: 1 Sep 94
6) Estimated BOD: 1 Jan 95
7) Category Code(s) and associated SF: 200-2000

d. Project Number and Title: C18-91 Addition to B-8
1) Cost: 81K
2) Description: Tech lab addition to support White House Comm Van Installations
3) Additional SF: 704
4) Award Date: 15 Oct 94
5) Estimated/Actual construction start date: 15 Nov 94
6) Estimated BOD: 1 Apr 95
7) Category Code(s) and associated SF: 321-704

e. Project Number and Title: C8-95 Lamps Depot Repair Lab
1) Cost: 240K
2) Description: Pre-engineered metal structure for Anechoic chamber
3) Additional SF: 2800
4) Award Date: 15 Aug 94
5) Estimated/Actual construction start date: 15 Sep 94
6) Estimated BOD: 15 Jan 95
7) Category Code(s) and associated SF: 317-2800

d. 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: **NONE**

Table 2.2 Main Site Class 2 Space of NISEEAST DET ST INIGOES MD (UIC N65980)
Assigned to Tenants

TENANT		NAVFAC (P-80) Category Code	GF/BA Assigned (KSF)
Name	UIC		
U S Coast Guard	05-41923	n/a	13.3
		Total:	13.3

Table 2.3 Class 2 Space Utilized/Leased by NISEEAST DET ST INIGOES MD (UIC N65980)

Building type	NAVFAC (P-80) category code	GF/BA (KSF)			
		Adequate	Sub-standard	In-adequate	Total
Operational & Training	100				
Maintenance & Production	200	125			125
Science labs	310				
Aircraft labs	311				
Missile and Space labs	312				
Ship and Marine labs	313				
Ground Transportation labs	314				
Weapon and Weapon Systems labs	315				
Ammunition, Explosives, and Toxics labs	316				
Electrical Equip. labs	317				
Propulsion labs	318				
Miscellaneous labs	319				
Underwater Equip. labs	320				
Technical Services labs	321				
Supply Facilities	400				
Hospital & other Medical	500				
Administrative Facilities	600				
Housing & Community	700				
Utilities & Grounds	800				
Other					
	Totals	125			125

Notes: 1. Leassor

a. Title of leassor: Jay L. Millison, RFG&F Partnership
b. Category code and associated SF: 217-77, 125,144SF
c. Lease cost: $861,464

For your Detachment sites not receiving this Data Call directly:

e. Use Table 2.4 below to indicate the combined total amount of Class 2 space that is occupied by your Detachments for which you are the plant account holder as of 31 March 1994. Attach a list with the titles and UIC's of these Detachments.

f. Use Table 2.5 below to indicate the total amount of your Class 2 space reported in Table 2.4 that is assigned to tenant commands and/or independent activities as of 31 March 1994. Include numbered notes to indicate the Detachment site that hosts the tenant.

g. Use Table 2.6 below to indicate the combined total amount of Class 2 space utilized/leased by your Detachments for which you are not the plant account holder. Provide numbered notes to indicate the quantity of leased space and their associated rental cost.

Table 2.4 Class 2 Assets of NISEEAST DET ST INIGOES MD (UIC N65980) Occupied by Detachments (NONE)

Building type	NAVFAC (P-80) category code	GF/BA (KSF)			
		Adequate	Sub-standard	In-adequate	Total
Operational & Training	100				
Maintenance & Production	200				
Science labs	310				
Aircraft labs	311				
Missile and Space labs	312				
Ship and Marine labs	313				
Ground Transportation labs	314				
Weapon and Weapon Systems labs	315				
Ammunition, Explosives, and Toxics labs	316				
Electrical Equip. labs	317				
Propulsion labs	318				
Miscellaneous labs	319				
Underwater Equip. labs	320				
Technical Services labs	321				
Supply Facilities	400				
Hospital & other Medical	500				
Administrative Facilities	600				
Housing & Community	700				
Utilities & Grounds	800				
Other					
	Totals				NONE

h. 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: **NONE**

Table 2.5 Class 2 Space at Detachment Sites of NISEEAST DET ST INIGOES MD (UIC N65980)Assigned to Tenants

TENANT		NAVFAC (P-80) Category Code	GF/BA (KSF) Assigned
Name	UIC		
NONE			
		Total:	NONE

Table 2.6 Class 2 Space Utilized/Leased by Detachments of NISEEAST DET ST INIGOES MD (UIC N65980)

Building type	NAVFAC (P-80) category code	GF/BA (KSF)			
		Adequate	Sub-standard	In-adequate	Total
Operational & Training	100				
Maintenance & Production	200				
Science labs	310				
Aircraft labs	311				
Missile and Space labs	312				
Ship and Marine labs	313				
Ground Transportation labs	314				
Weapon and Weapon Systems labs	315				
Ammunition, Explosives, and Toxics labs	316				
Electrical Equip. labs	317				
Propulsion labs	318				
Miscellaneous labs	319				
Underwater Equip. labs	320				
Technical Services labs	321				
Supply Facilities	400				
Hospital & other Medical	500				
Administrative Facilities	600				
Housing & Community	700				
Utilities & Grounds	800				
Other					
Total					None

3. Class 2 Space Available for Expansion. An activity's expansion capability is a function of it's ability to reconfigure and/or expand existing facilities to accept new or increased roles. Such a reconfiguration may require rehabilitation or buildout of a space to support the new or expanded role. A space expansion could include converting an underutilized storage space into laboratory spaces, or buildout of a high bay area into a multifloor office/laboratory space. All questions refer to Class 2 property for which you are the plant account holder as of 31 March 1994. Do not report any currently programmed changes or additions previously reported in question #2 above. Expansion opportunities must follow the guidance of NAVFAC P-80 for the appropriate facility category code, as well as applicable fire and safety codes. Personnel loading density should not exceed those specified in the P-80. Space is only available if it is currently unoccupied or the current occupants are officially designated for relocation. Report space as Net Floor Area (NFA) as defined in the P-80. Do not include opportunities that are being reported by your Detachments who received this Data Call directly. Reported expansion opportunities must be able to accommodate the necessary ancillary facilities and equipment, such as adequate parking space, required to support the amount of people projected.

a. What is the maximum quantity of space that could be made available for expansion to accommodate other functions and/or increased efforts? Report in terms of the "Current NFA" as shown in Tables 3.1 & 3.2. 0 SQFT.

b. How much of the space reported in question 3.a. above is currently available with minimal or no reconfiguration costs? Report in terms of the "Current NFA" as shown in Tables 3.1 & 3.2. 0 SQFT.

c. Use Table 3.1 below to indicate the constrained growth opportunities for accepting expanded or new roles. Constrained growth is defined as growth limited to buildings and structures currently on your Class 2 plant account. Add numbered notes to highlight and explain opportunities that require remediation or waiver of a restriction or encumbrance as part of the expansion. Provide lettered notes to clearly identify each opportunity with the title & UIC of the site it refers to. The "Current NFA (KSF)" column total should match the quantity provided in question #3.a. above. Annotate those opportunities that were used to obtain the answer to question #3.b. above. Report space once, do not use the same space for different expansion opportunities. Include in this table space that will become available once planned downsizing (separate from BRAC realignments) has been completed, provide the estimated completion date of the downsizing effort.

d. Use Table 3.2 below to indicate additional unconstrained growth opportunities for accepting expanded or new roles. Unconstrained growth allows for construction of new facilities on existing buildable Class 1 property. The only constraint being that the land must currently be on your plant account holdings as of 31 March 1994 and free of existing land use constraints. Limit new buildings to three stories. Add numbered notes to highlight and explain additional opportunities that would require remediation or waiver of a land use constraint as part of the expansion. Provide lettered notes to clearly identify each opportunity with the title & UIC of the site it refers to. Do not include space that has been reported in Table 3.1.

Table 3.1 Constrained Class 2 Space Available for Expansion at NISEAST DET ST INIGOES MD(UIC N65980)

Building # / Category Code (3 digit)	Current NFA (KSF)	Additional Capacity Provided By Expansion		Height of High Bay (FT)	Estimated Cost of Rehab ($K's)
		NFA (KSF)	# of Personnel		
Totals					NONE

UIC N65980

Table 3.2 Unconstrained Class 2 Space Available for Expansion at NISEEAST DET ST INIGOES MD (UIC N65980)

	Building # / Category Code (3 digit)	Current NFA (KSF)	Additional Capacity Provided By Expansion		Height of High Bay (FT)	Estimated Cost of Rehab ($K's)
			NFA (KSF)	# of Personnel		
*	P-724/317	0	17	40	15	0
*	P-727/317	0	14	102	15	0
	P-727/610	0	10	N/A	N/A	0
	P-727/217	0	4	N/A	N/A	0
	P-727/218	0	1	N/A	N/A	0
	Totals	0	46	142		0

* Primary category code

4. Class 1 Space Available for Expansion.

a. Identify in Table 4.1 below the real estate resources which have the potential to facilitate future development, and for which you are the plant account holder as of 31 March 1994, 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.) and Detachment that did not receive this Data Call directly. 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" acreage that is 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).

b. Are there any constraints such as parking, utilities, legal restrictions that limit the potential for using Undeveloped land for expansion? **No.**

c. Explain the radio frequency constraints/opportunities within your Class 1 holdings.

NISEEAST DET ST INIGOES MD is situated on 852 acres on the shores of the St. Mary's River with boat launching facillities and two active runways. Because of our rural location we have a quiet electromagnetic environment, making it possible to test and evaluate electronic equipment without interference from the surrounding elements such as those found in urban communities and be able to support many critical Navy, DoD, and other Agency programs which require high power transmitters to radiate. Additionally, because of our isolation we are capable of testing equipment which might need to be considered "out of public view," yet not considered classified in nature.

NISEEAST DET ST INIGOES MD has been identified in the "NTIA Manual of Regulations and Procedures for Federal Radio Frequency Management" as a Navy facility that is: "...authorized to use any radio frequency for short or intermittent periods without prior authorization of specific frequencies provided that a) such operations are confined to the immediate vicinity of the station; b) the nature or duration of the requirement is such that the assignment of specific frequencies is impracticable; and c) all reasonable measures are taken before such frequencies are used to ensure that harmful interference will not be caused to authorized services, and in this regard consideration should be given to the propagation characteristics of the frequency to be utilized and to the operational nature of the services normally operating on frequencies of the order of that selected." We do not affect systems at NAWCAD because the activities are separated by a natural land ridge, and frequency congestion caused by airports, TV, and radio stations in a metropolitan area is not a problem since none are in the local area. This allows NISEEAST DET ST INIGOES to radiate and test electronic equipment at low levels for customers that don't want any information released on the equipment under test or kowledge released that they are having systems tested.

Table 4.1 Class 1 Resources of NISEEAST DET ST INIGOES MD (UIC N65980)
Site Location: Webster Field

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance	0	0	0	0
Operational	350.0 (note 1)	100.0	174.4 (note 2)	75.6
Training	0	0	0	0
R & D	0	0	0	0
Supply & Storage	0	0	0	0
Admin	90.0 (note 1)	90.0	0	0
Housing	0	0	0	0
Recreational (Tennis Courts, Football Area, Softball Field, Driving Range)	6.1	0	0	6.1
Navy Forestry Program	182.6 (note 1)	0	34.6 (note 3)	148.0
Navy Agricultural Outlease Program	110.0	0	83.1 (note 2)	26.9
Hunting/Fishing Programs	113.8 (note 1)	0	33.4 (note 3)	80.4
Other	0	0	0	0
Total:	852.5	190.0	325.5	337.0

Notes:

1. This site has 121.96 acres of jurisdictional wetlands, and approximately 36 acres which fall within the 100 ft. shoreline buffer mandated by the Chesapeake Bay Critical Land Area Initiative. These restricted areas are interspersed across several land use categories, and some of the land use areas overlap.

2. Operationally constrained because of runway clear zone requirements.

3. Restricted due to wetland classification.

d. Of the total Unrestricted Acres reported above, how much of it has existing roads and/or utilities that could support expansion efforts? 120 Acres. Explain.

Existing roads and utilities generally follow the perimeter of this site along the shoreline. New development would require that roads and utilities be extended inland.

5. Base Infrastructure Capacity.

Provide base infrastructure data as of 31 March 1994. Provide numbered notes to explain imminent changes, additions & deletions driven by previous BRAC realignments, MILCON (including BRAC related MILCON) & Special Projects that are currently programmed in the FYDP. Give the project number & title, cost, short description, quantity of additional square footage, award date, estimated/actual construction start date and estimated BOD.

a. Utilize Table 5.1 below to provide information on your activity's base infrastructure capacity and load. Do not report this information if you are a tenant activity.

Table 5.1 Base Infrastructure Capacity & Load

	On Base Capacity	Off base long term contract	Normal Steady State Load	Peak Demand
Electrical Supply (KWH)	5,201,250 per month	N/A	1,001,813 per month	2,044
Natural Gas (CFH)	N/A	N/A		
Sewage (GPD)	45,000*	N/A	22,033	45,000
Potable Water (GPD)	612,000	N/A	54,878	118,000
Steam (PSI & lbm/Hr)	N/A	N/A	N/A	N/A
Long Term Parking	1090	N/A	925	1025
Short Term Parking	N/A	N/A	N/A	N/A

* The State of Maryland will allow an increase in stowage capacity to 60,000 GPD when the NPDS permit is next re-issued in 7/94.

b. Maintenance, Repair & Equipment Expenditure Data: Use Table 5.2 below to provide data on facilities and equipment expenditures at your activity. Project expenditures to FY 1997. Do not include data on Detachments who have received this Data Call directly. Do not report this information if you are a tenant activity. 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 5.2 Maintenance, Repair & Equipment Expenditure Data for NISEEAST DET ST INIGOES MD (UIC N65980)

Fiscal Year	MRP ($M)	CPV ($M)	ACE ($M)
1985	.867	29.8	40.6
1986	.664	Unk	39.5
1987	.760	36.8	39.5
1988	1.441	44.3	39.4
1989	.804	49.6	37.4
1990	1.342	54.4	39.9
1991	.814	56.0	52.5
1992	.621	57.4	56.5
1993	.371	63.1	53.2
1994	.675	67.9	54.2
1995	.725	77.9	55.2
1996	.805	82.2	56.2
1997	.925	86.7	57.2

Note: All Class 1 and 2 assets will be transferred to NAS Patuxent River, an activity under the claimancy of NAVAIR, on or about 1 October 1994.

c. Training Facilities:

(1) By facility Category Code Number (CCN), provide the usage requirements for each course of instruction required for all formal schools on your installation. A formal school is a programmed course of instruction for military and/or civilian personnel that has been formally approved by an authorized authority (ie: Service Schools Command, Weapons Training Battalion, Human Resources Office). Do not include requirements for maintaining unit readiness, GMT, sexual harassment, etc. Include all applicable 171-xx, 179-xx CCN's.

Type of Training Facility/CCN	School	Type of Training	FY 1993 Requirements			FY 2001 Requirements		
			A	B	C	A	B	C
Classroom - Lab/171-20	ATC	Radio Operator	102	128	13,056	120	128	15,360
Classroom - Lab/171-20	AN/UPX-29 US	AN/UPX-29 Maintenance	19	160	3,040	36	160	5,760
Classroom - Lab/171-20	AN/UPX-29 FMS	AN/UPX-29 Maintenance	4	400	1,600	4	400	1,600

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

(2) By Category Code Number (CCN), complete the following table for all training facilities aboard the installation. Include all 171-xx and 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.

Type Training Facility/CCN	Total Number	Design Capacity (PN)[1]	Capacity (Student HRS/YR)
ATC Classroom - Lab/171-20	1	24	23,040
AN/UPX-29 US Classroom - Lab/171-20	6	6	5,760
AN/UPX-29 FMS Classroom - Lab/171-20	2	6	4,800
AN/UPM-155 Tri Service Classroom - Lab/171-20	3	7	840
AN/UPM-155 Navy - Air Force Classroom - Lab/171-20	1	7	280

[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.

(3) Describe how the Student HRS/YR value in the preceding table was derived.

For ATC Classroom:
8 classes/year x 15 days/class = 120 days/year
120 days/year x 8 hours/day x 24 students = 23,040 student hours/year

AN/UPX-29 US:
6 classes/year x 20 days/class = 120 days/year
120 days/year x 8 hours/day x 6 students = 5,760 student hours/year

AN/UPX-29 FMS:
2 classes/year x 50 days/class = 100 days/year
100 days/year x 8 hours/day x 6 students = 4,800 student hours/year

AN/UPM - 155 Tri-Service:
3 classes/year x 5 days/class = 15 days/year
15 days/year x 8 hours/day x 7 students = 840 student hours/year

AN/UPM - 155 Navy/Air Force
1 class / year x 5 days/class = 5 days/year
5 days/year x 8 hours/day x 7 students = 280 student hours/year

6. Ship Berthing Capacity. If your activity has the capacity to berth ships fill out the data sheets provided at TAB A.

NONE

7. Operational Airfield Capacity. If your activity owns and operates an operational airfield fill out the data sheets provided at TAB B.

Naval Air Station patuxent River operates and will report airfield capacity for Webster Field.

8. Depot Level Maintenance Capacity. Fill out the data sheets provided at TAB C if you or your subordinate activities perform depot level maintenance on a piece of equipment or system.

Note: As indicated in the "GENERAL NOTE" found at the front of this data call response, budget and workload data is not routinely available at the Detachment level, hence data for this Section is not provided.

9. Ordnance Storage Capacity. If your activity has the capability to store or maintain weapons and ordnance fill out the data sheets provided at TAB D.

NONE

BRAC-95 CERTIFICATION

Certified Data: BRAC 95 Data Call Number Four - NISEEAST DET ST INIGOES MD

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

NEXT ECHELON LEVEL (if applicable)

J. J. DONEGAN
NAME (Please type or print)

SIGNATURE

Commander
Title

16 May 1994
DATE

Naval Command, Control and Ocean
Surveillance Center
Activity

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

MAJOR CLAIMANT LEVEL

W. H. CANTRELL
NAME (Please type or print)

W. H. Cantrell
Signature

Commander
Title

16 May 1994
Date

Space and Naval Warfare
Systems 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

20 MAY 1994
Date

Activity

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."

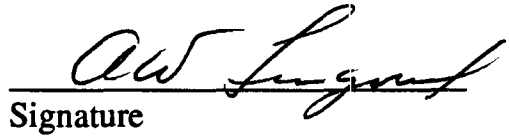
The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

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

Captain Anthony W. Lengerich
Name


Signature

Commanding Officer
Title

Date 16 May 1994

NISE East
Activity

Data Call #4 NISE East Detachment St. Inigoes

Document Separator

216 Complete Revision

BRAC-95

DATA CALL NUMBER FOUR

Data for

Naval Command, Control and Ocean Surveillance Center, ISE East Coast Detachment
St. Inigoes, MD

CAPACITY ANALYSIS:
DATA CALL #4 WORK SHEET FOR
TECHNICAL CENTER or LABORATORY: **NISEEAST DET ST INIGOES MD (UIC N65980)**

GENERAL NOTE:

After implementing a significant reorganization driven by previous BRAC decisions and right sizing, NCCOSC Detachment sites and field offices are no longer functionally independent activities. To achieve greatest efficiency possible, while operating with a smaller work force at multiple field sites, business operations, technical functions, administration and workload have been integrated, and are managed and operated at the Division level. As a result, budget and workload data requested by this data call is not routinely available at the individual detachment level and is therefore not included in this data submission. However, data found in the NISEEAST CHARLESTON SC response for Data Call Number Four provides integrated budget and workload data for all of NISEEAST including that of its detachments.

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TAB A: Ship Berthing Capacity
TAB B: Operational Airfield Capacity
TAB C: Depot Level Maintenance Capacity
TAB D: Ordnance Storage Capacity

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

7 April 1994

1. Historical and Projected Workload. Use Tables 1.1, 1.2, 1.3 & 1.4 below to provide historical and currently projected workload data for your activity in terms of funding and workyears. Assume previous BRAC closures and realignments are implemented on schedule. Dollar amounts should be in then-year dollars. Workyears should be separated for in-house government efforts and on-site contractor work.

a. Use Table 1.1 to provide data on your site.

b. Use Table 1.2 to provide data on your Detachments that did not receive this Data Call directly. Compile the information from all of these Detachments into one table. Attach a list of the titles & UIC's of the Detachments included in the table.

c. For FY's 1993 thru 1997 provide a breakout of the "Total Funds Budgeted" line showing the appropriation and amounts of funding budgeted from your major customers. Major resource Sponsors are defined as, but not limited to, all systems commands, ONR, SSPO, CNO, FLT CINCs, Other DON, Other DOD by Department, Other Federal Government, All other. Use Table 1.3 to report this breakout for your site. Use Table 1.4 to report this breakout for your compiled Detachments that did not receive this Data Call directly. Provide separate tables for FY's 1993 thru 1997.

Use the following definitions when providing data for the tables below:

Workyears: Consistent with those used in the preparation of inputs to the President's budget.

In-House government efforts or In-House workyears: Includes both military and civil servant employees

On-Site Contractor workyears: Actual or estimated workyears performed by support contractors with workyears defined consistent with the definition used in the President's budget.

On-site Contractors: Those contractors that occupy space directly on the site on nearly a full time basis.

Total Funds Budgeted: The funds used as inputs to the President's Budget.

Civilian Personnel On-Board: Full Time Permanent employees (FTP).

Table 1.1 Historical and Projected Workload for NISEEAST Det St. Inigoes (UIC N65980)

Fiscal Year	Total Funds Budgeted ($K)	Total Funds Received w/o Direct Cite ($K)	Direct Cite Funds Received ($K)	Budgeted Wkyrs	Actual In-House Wkyrs	Actual Onsite Contract Wkyrs
86	154,561	117,761	36,800	338	348	702
87	157,500	60,600	96,900	351	354	684
88	213,800	122,000	91,800	382	383	714
89	250,300	132,000	118,300	384	396	698
90	235,600	134,900	100,997	378	391	671
91	258,200	138,300	119,900	385	381	620
92	345,500	194,100	151,400	384	382	692
93	367,562	184,900	194,000	356	372	639

NISE East

94	405,686			473		
95	163,663			488		
96	65,892			80		
97	57,855			45		

Note 1: These numbers are consistent with the NAVCOMPT budget submit however, transfer of ceiling equivalent to 227 manyears will take place on or before Oct 3 94 (FY 95). MOU signed by ASN on 8 June 94 provides basis for data. This MOU eliminates the retention of a Detachment at St. Inigoes by NISEEAST when consolidation is complete. Fiscal data for FY 96 & 97 will not be maintained by site since the budget is a single NISEEAST budget. Work years for FY 96&97 are estimates only. No official projecction is available since the site is now scheduled for closure by end of FY 97.

Table 1.2 Historical and Projected Workload for Detachments of NISEEAST Det St. Inigoes (UIC N65980)

Fiscal Year	Total Funds Budgeted ($K)	Total Funds Received w/o Direct Cite ($K)	Direct Cite Funds Received ($K)	Budgeted Wkyrs	Actual In-House Wkyrs	Actual Onsite Contract Wkyrs
86						
87						
88						
89						
90						
91						
92						
93						
94						
95						
96						
97						

Table is not applicable.

TABLE 1.3 FY 1993 BREAKOUT OF FUNDS BUDGETED for NISEEAST Det St. Inigoes (UIC N65980)

SPONSOR	RDT&E(N)							Other RDT&E	Other Appropriation						
	6.1	6.2	6.3a	6.3b	6.4	6.5	6.6		OMN	APN	OPN	WPN	SCN	Other Navy	All Other
SPAWAR				168	3,204	324	4,202		25,964		40,448		48,489	110	28,267
NAVSEA				2,204	420				5,971		10,376		30,174		20,710
NAVAIR				105	8,201				12,468		31,295		20,833		8,400
NAVFAC															
NAVSECGRU															
NCIS															
NSF Antarctica															
NAVSHIPYDS															
NIC															
NCCOSC EFAs															
Other Navy				508	89		2,552		10,325		6,175		22	5,300	
Army								11,556							6,000
Air Force								42							2,660
Other DOD															20,000
Coast Guard															
Other GOVT															

TABLE 1.3 FY 1994 BREAKOUT OF FUNDS BUDGETED for NISEEAST Det St. Inigoes (UIC N65980)

SPONSOR	RDT&E(N)							Other RDT&E	Other Appropriation						
	6.1	6.2	6.3a	6.3b	6.4	6.5	6.6		OMN	APN	OPN	WPN	SCN	Other Navy	All Other
SPAWAR				250	1,000		750	250	62,500		48,936	500	45,000		47,500
NAVSEA				1,500	1,000			500	5,000		62,500		24,500		1,000
NAVAIR				500	5,000				9,000	500	34,000		8,500		7,500
Marine Corps															
Army								500							4,000
Coast Guard															5,000
CINCLANT															
CNO															
Other				1,000			3,000		5,500		3,000			3,500	10,000
Air Force								500							2,000
CINCPAC															
NIS															
NAVSECGRU															

TABLE 1.3 FY 1995 BREAKOUT OF FUNDS BUDGETED for NISEEAST Det St. Inigoes (UIC N65980)

SPONSOR	RDT&E(N)							Other RDT&E	Other Appropriation						
	6.1	6.2	6.3a	6.3b	6.4	6.5	6.6		OMN	APN	OPN	WPN	SCN	Other Navy	All Other
SPAWAR				48	566	91	846		7,889		39,491		11,524		16,376
NAVSEA				620	118				2,971		11,779		9,249		8,609
NAVAIR				30	1,691				5,795		17,510		8,173		3,478
Marine Corps															899
Army															3,698
Coast Guard															138
CINCLANT									612						
CNO															
OTHER				617	19		383		4,382		2,648		7		162
Air Force								21							1,845
CINCPAC									1,378						
NIS															
NAVSECGRU															

TABLE 1.3 FY 1996 BREAKOUT OF FUNDS BUDGETED for NISEEAST Det St. Inigoes (UIC N65980)

SPONSOR	RDT&E(N)							Other RDT&E	Other Appropriation						
	6.1	6.2	6.3a	6.3b	6.4	6.5	6.6		OMN	APN	OPN	WPN	SCN	Other Navy	All Other
SPAWAR				19	228	37	341		3,176		15,899		4,640		6,593
NAVSEA				250	48				1,196		4,742		3,724		3,466
NAVAIR				12	681				2,333		7,050		3,291		1,400
Marine Corps															362
Army															1,489
CINCLANT															56
CNO									246						
Other				248	8		154								
Air Force									1,746		1,066				65
CINCPAC															743
NIS									555						
NAVSECGRU															

TABLE 1.3 FY 1997 BREAKOUT OF FUNDS BUDGETED for NISEEAST Det St. Inigoes (UIC N65980)

SPONSOR	RDT&E(N)							Other RDT&E	Other Appropriation						
	6.1	6.2	6.3a	6.3b	6.4	6.5	6.6		OMN	APN	OPN	WPN	SCN	Other Navy	All Other
SPAWAR				17	200	32	299		2,789		13,960		4,074		5,789
NAVSEA				219	42				1,050		4,164		3,270		3,043
NAVAIR				11	598				2,049		6,190		2,889		1,229
Marine Corps															318
Army															1,307
Coast Guard															49
CINCLANT									216						
CNO															
Other				218	7		135		1,549		936		2		57
Air Force								7							652
CINCPAC									487						
NIS															
NAVSECGRU															
TOTAL				465	846	32	434	7	8,140		25,250		10,235		12,445

2. Current Class 2 Assets.

Complete Tables 2.1 thru 2.6 below as directed. Tables 2.1, 2.2 & 2.3 will define the Class 2 property owned or leased by your activity (less Detachments). Tables 2.4, 2.5 & 2.6 will define the combined Class 2 assets owned or occupied at your Detachment sites which did not receive this Data Call directly. Report space holdings and assignments as of 31 March 1994. Provide numbered notes to explain imminent changes, additions & deletions such as previous BRAC realignments, MILCON (including BRAC related MILCON) & Special Projects that are currently programmed in the FYDP. Give the project number & title, cost, short description, quantity of additional square footage, award date, estimated/actual construction start date and estimated BOD. Square footage of space is to be reported in "Gross Floor/Building Area" (GF/BA) as defined in NAVFAC P-80. Many of the P-80 Category Code Numbers (CCN's) have assets that are reported in units of measure other than square feet (SF). The only unit of measure desired for this Data Call is SF. Only report the assets in each CCN that are normally reported in SF.

For your Site:

a. Use Table 2.1 below to indicate the total amount of Class 2 space at your site for which you are the plant account holder as of 31 March 1994.

b. Use Table 2.2 below to indicate the total amount of your Class 2 space reported in Table 2.1 that is assigned to your tenant commands and/or independent activities at your site as of 31 March 1994.

c. Use Table 2.3 below to indicate the total amount of Class 2 space, for which you are not the plant account holder, but which is utilized/leased by you (less Detachments). Provide numbered notes to identify the title and UIC of the plant account holder/lessor, quantity of leased space and the associated lease cost.

Table 2.1 Main Site Class 2 Assets of NISEEAST DET ST INIGOES MD (UIC N65980)

Building type	NAVFAC (P-80) category code	Gross Floor/Building Area (KSF)			
		Adequate	Sub-standard	In-adequate	Total
Operational & Training	100	1	0	0	1
Maintenance & Production	200	42	0	0	42
Science labs	310	2	6	0	8
Aircraft labs	311	0	0	0	0
Missile and Space labs	312	0	0	0	0
Ship and Marine labs	313	27	0	0	27
Ground Transportation labs	314	0	0	0	0
Weapon and Weapon Systems labs	315	0	0	0	0
Ammunition, Explosives, & Toxics labs	316	0	0	0	0
Electrical Equip. labs	317	210	26	0	236
Propulsion labs	318	0	0	0	0
Miscellaneous labs	319	26	3	0	29
Underwater Equip. labs	320	0	0	0	0
Technical Services labs	321	2	13	0	15
Supply Facilities	400	6	0	0	6
Hospital & other Medical	500	0	0	0	0
Administrative Facilities	600	90	22	0	112
Housing & Community	700	6	3	0	9
Utilities & Grounds	800	3	0	0	3
Other		0	0	0	0
	Totals	415	73	0	488

Notes:

1. All Class 2 assets listed in Table 2.1 above will be transferred to NAS Patuxent River, an activity under the claimancy of NAVAIR, on or before 3 October 1994.

2. Programmed MILCON:
   a. Project Number and Title: P-712-ACLS Integration Test Facility
      1) Cost: 1.75M
      2) Description: Integration Lab, Test Lab, Staging, Instrumentation Area
      3) Additional SF: 7,200
      4) Award Date: 9-9-93
      5) Estimated/Actual construction start date: 1 Feb 94
      6) Estimated BOD: 1 Sep 94
      7) Category Code(s) and associated SF: 317-7200

   b. Project Number and Title: P-723-FACSFAC Elec System Integration FAC
      1) Cost: 4.02M
      2) Description: Computer Room, Bench Labs, Office
      3) Additional SF: 25,400
      4) Award Date: 9-9-93
      5) Estimated/Actual construction start date: 1 Feb 94
      6) Estimated BOD: 1 June 95
      7) Category Code(s) and associated SF: 200-487, 317-11663, 600-8863

   c. Project Number and Title: P-720-AN/SPN-46(V) Life Cycle Support Facility
      1) Cost: 5.8M
      2) Description: Bench Lab, Office Space, Storage Area, Computer Maint.
      3) Additional SF: 27,900
      4) Award Date: 4-14-94
      5) Estimated/Actual construction start date: 1 June 94
      6) Estimated BOD: 1 June 95
      7) Category Code(s) and associated SF: 200-6854, 317-9085, 600-11961

3. Programmed Special Projects:
   a. Project Number and Title: C8-91 Addition to B-140
      1) Cost: 245K
      2) Description: 50 ft addition supports AEGIS-ARCC Mock-up
      3) Additional SF: 2760
      4) Award Date: 15 June 94
      5) Estimated/Actual construction start date: 1 July 94
      6) Estimated BOD: 1 Nov 94
      7) Category Code(s) and associated SF: 317-2760

   b. Project Number and Title: C14-91 Addition to B-131
      1) Cost: 235K
      2) Description: 20x80 lab and office addition supports IFF/ATC
      3) Additional SF: 1632
      4) Award Date: 19 June 94
      5) Estimated/Actual construction start date: 1 Aug 94
      6) Estimated BOD: 1 Dec 94
      7) Category Code(s) and associated SF: 313-1632

c. Project Number and Title: C5-89 Addition to B-142
1) Cost: 160K
2) Description: 2000 SF warehouse addition for PALS equipment
3) Additional SF: 2000
4) Award Date: 1 Aug 94
5) Estimated/Actual construction start date: 1 Sep 94
6) Estimated BOD: 1 Jan 95
7) Category Code(s) and associated SF: 200-2000

d. Project Number and Title: C18-91 Addition to B-8
1) Cost: 81K
2) Description: Tech lab addition to support White House Comm Van Installations
3) Additional SF: 704
4) Award Date: 15 Oct 94
5) Estimated/Actual construction start date: 15 Nov 94
6) Estimated BOD: 1 Apr 95
7) Category Code(s) and associated SF: 321-704

e. Project Number and Title: C8-95 Lamps Depot Repair Lab
1) Cost: 240K
2) Description: Pre-engineered metal structure for Anechoic chamber
3) Additional SF: 2800
4) Award Date: 15 Aug 94
5) Estimated/Actual construction start date: 15 Sep 94
6) Estimated BOD: 15 Jan 95
7) Category Code(s) and associated SF: 317-2800

d. 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: **NONE**

Table 2.2 Main Site Class 2 Space of NISEEAST DET ST INIGOES MD (UIC N65980) Assigned to Tenants

TENANT		NAVFAC (P-80) Category Code	GF/BA Assigned (KSF)
Name	UIC		
U S Coast Guard	05-41923	n/a	13.3
		Total:	13.3

Table 2.3 Class 2 Space Utilized/Leased by NISEEAST DET ST INIGOES MD (UIC N65980)

Building type	NAVFAC (P-80) category code	GF/BA (KSF)			
		Adequate	Sub-standard	In-adequate	Total
Operational & Training	100				
Maintenance & Production	200	125			125
Science labs	310				
Aircraft labs	311				
Missile and Space labs	312				
Ship and Marine labs	313				
Ground Transportation labs	314				
Weapon and Weapon Systems labs	315				
Ammunition, Explosives, and Toxics labs	316				
Electrical Equip. labs	317				
Propulsion labs	318				
Miscellaneous labs	319				
Underwater Equip. labs	320				
Technical Services labs	321				
Supply Facilities	400				
Hospital & other Medical	500				
Administrative Facilities	600				
Housing & Community	700				
Utilities & Grounds	800				
Other					
	Totals	125			125

Notes: 1. Leassor
a. Title of leassor: Jay L. Milllison, RFG&F Partnership
b. Category code and associated SF: 217-77, 125,144SF
c. Lease cost: $861,464

For your Detachment sites not receiving this Data Call directly:

e. Use Table 2.4 below to indicate the combined total amount of Class 2 space that is occupied by your Detachments for which you are the plant account holder as of 31 March 1994. Attach a list with the titles and UIC's of these Detachments.

f. Use Table 2.5 below to indicate the total amount of your Class 2 space reported in Table 2.4 that is assigned to tenant commands and/or independent activities as of 31 March 1994. Include numbered notes to indicate the Detachment site that hosts the tenant.

g. Use Table 2.6 below to indicate the combined total amount of Class 2 space utilized/leased by your Detachments for which you are not the plant account holder. Provide numbered notes to indicate the quantity of leased space and their associated rental cost.

Table 2.4 Class 2 Assets of NISEEAST DET ST INIGOES MD (UIC N65980) Occupied by Detachments (NONE)

Building type	NAVFAC (P-80) category code	GF/BA (KSF)			
		Adequate	Sub-standard	In-adequate	Total
Operational & Training	100				
Maintenance & Production	200				
Science labs	310				
Aircraft labs	311				
Missile and Space labs	312				
Ship and Marine labs	313				
Ground Transportation labs	314				
Weapon and Weapon Systems labs	315				
Ammunition, Explosives, and Toxics labs	316				
Electrical Equip. labs	317				
Propulsion labs	318				
Miscellaneous labs	319				
Underwater Equip. labs	320				
Technical Services labs	321				
Supply Facilities	400				
Hospital & other Medical	500				
Administrative Facilities	600				
Housing & Community	700				
Utilities & Grounds	800				
Other					
	Totals				NONE

h. 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: **NONE**

Table 2.5 Class 2 Space at Detachment Sites of NISEEAST DET ST INIGOES MD (UIC N65980)Assigned to Tenants

TENANT		NAVFAC (P-80) Category Code	GF/BA (KSF) Assigned
Name	UIC		
NONE			
		Total:	NONE

Table 2.6 Class 2 Space Utilized/Leased by Detachments of NISEEAST DET ST INIGOES MD (UIC N65980)

Building type	NAVFAC (P-80) category code	GF/BA (KSF)			
		Adequate	Sub-standard	In-adequate	Total
Operational & Training	100				
Maintenance & Production	200				
Science labs	310				
Aircraft labs	311				
Missile and Space labs	312				
Ship and Marine labs	313				
Ground Transportation labs	314				
Weapon and Weapon Systems labs	315				
Ammunition, Explosives, and Toxics labs	316				
Electrical Equip. labs	317				
Propulsion labs	318				
Miscellaneous labs	319				
Underwater Equip. labs	320				
Technical Services labs	321				
Supply Facilities	400				
Hospital & other Medical	500				
Administrative Facilities	600				
Housing & Community	700				
Utilities & Grounds	800				
Other					
	Totals				NONE

3. Class 2 Space Available for Expansion. An activity's expansion capability is a function of it's ability to reconfigure and/or expand existing facilities to accept new or increased roles. Such a reconfiguration may require rehabilitation or buildout of a space to support the new or expanded role. A space expansion could include converting an underutilized storage space into laboratory spaces, or buildout of a high bay area into a multifloor office/laboratory space. All questions refer to Class 2 property for which you are the plant account holder as of 31 March 1994. Do not report any currently programmed changes or additions previously reported in question #2 above. Expansion opportunities must follow the guidance of NAVFAC P-80 for the appropriate facility category code, as well as applicable fire and safety codes. Personnel loading density should not exceed those specified in the P-80. Space is only available if it is currently unoccupied or the current occupants are officially designated for relocation. Report space as Net Floor Area (NFA) as defined in the P-80. Do not include opportunities that are being reported by your Detachments who received this Data Call directly. Reported expansion opportunities must be able to accommodate the necessary ancillary facilities and equipment, such as adequate parking space, required to support the amount of people projected.

a. What is the maximum quantity of space that could be made available for expansion to accommodate other functions and/or increased efforts? Report in terms of the "Current NFA" as shown in Tables 3.1 & 3.2. 0 SQFT.

b. How much of the space reported in question 3.a. above is currently available with minimal or no reconfiguration costs? Report in terms of the "Current NFA" as shown in Tables 3.1 & 3.2. 46,000 SQFT.

c. Use Table 3.1 below to indicate the constrained growth opportunities for accepting expanded or new roles. Constrained growth is defined as growth limited to buildings and structures currently on your Class 2 plant account. Add numbered notes to highlight and explain opportunities that require remediation or waiver of a restriction or encumbrance as part of the expansion. Provide lettered notes to clearly identify each opportunity with the title & UIC of the site it refers to. The "Current NFA (KSF)" column total should match the quantity provided in question #3.a. above. Annotate those opportunities that were used to obtain the answer to question #3.b. above. Report space once, do not use the same space for different expansion opportunities. Include in this table space that will become available once planned downsizing (separate from BRAC realignments) has been completed, provide the estimated completion date of the downsizing effort.

d. Use Table 3.2 below to indicate additional unconstrained growth opportunities for accepting expanded or new roles. Unconstrained growth allows for construction of new facilities on existing buildable Class 1 property. The only constraint being that the land must currently be on your plant account holdings as of 31 March 1994 and free of existing land use constraints. Limit new buildings to three stories. Add numbered notes to highlight and explain additional opportunities that would require remediation or waiver of a land use constraint as part of the expansion. Provide lettered notes to clearly identify each opportunity with the title & UIC of the site it refers to. Do not include space that has been reported in Table 3.1.

Table 3.1 Constrained Class 2 Space Available for Expansion at NISEEAST DET ST INIGOES MD(UIC N65980)

Building # / Category Code (3 digit)	Current NFA (KSF)	Additional Capacity Provided By Expansion		Height of High Bay (FT)	Estimated Cost of Rehab ($K's)
		NFA (KSF)	# of Personnel		
Totals					NONE

UIC N65980

Table 3.2 Unconstrained Class 2 Space Available for Expansion at NISEEAST DET ST INIGOES MD (UIC N65980)

	Building # / Category Code (3 digit)	Current NFA (KSF)	Additional Capacity Provided By Expansion		Height of High Bay (FT)	Estimated Cost of Rehab ($K's)
			NFA (KSF)	# of Personnel		
*	P-724/317	0	17	40	15	0
*	P-727/317	0	14	102	15	0
	P-727/610	0	10	N/A	N/A	0
	P-727/217	0	4	N/A	N/A	0
	P-727/218	0	1	N/A	N/A	0
	Totals	0	46	142		0

* Primary category code

4. Class 1 Space Available for Expansion.

a. Identify in Table 4.1 below the real estate resources which have the potential to facilitate future development, and for which you are the plant account holder as of 31 March 1994, 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.) and Detachment that did not receive this Data Call directly. 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" acreage that is 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).

b. Are there any constraints such as parking, utilities, legal restrictions that limit the potential for using Undeveloped land for expansion? **No.**

c. Explain the radio frequency constraints/opportunities within your Class 1 holdings.

NISEEAST DET ST INIGOES MD is situated on 852 acres on the shores of the St. Mary's River with boat launching facillities and two active runways. Because of our rural location we have a quiet electromagnetic environment, making it possible to test and evaluate electronic equipment without interference from the surrounding elements such as those found in urban communities and be able to support many critical Navy, DoD, and other Agency programs which require high power transmitters to radiate. Additionally, because of our isolation we are capable of testing equipment which might need to be considered "out of public view," yet not considered classified in nature.

NISEEAST DET ST INIGOES MD has been identified in the "NTIA Manual of Regulations and Procedures for Federal Radio Frequency Management" as a Navy facility that is: "...authorized to use any radio frequency for short or intermittent periods without prior authorization of specific frequencies provided that a) such operations are confined to the immediate vicinity of the station; b) the nature or duration of the requirement is such that the assignment of specific frequencies is impracticable; and c) all reasonable measures are taken before such frequencies are used to ensure that harmful interference will not be caused to authorized services, and in this regard consideration should be given to the propagation characteristics of the frequency to be utilized and to the operational nature of the services normally operating on frequencies of the order of that selected." We do not affect systems at NAWCAD because the activities are separated by a natural land ridge, and frequency congestion caused by airports, TV, and radio stations in a metropolitan area is not a problem since none are in the local area. This allows NISE East Det St. Inigoes to radiate and test electronic equipment at low levels for customers that don't want any information released on the equipment under test or kowledge released that they are having systems tested.

Table 4.1 Class 1 Resources of NISEEAST DET ST INIGOES MD (UIC N65980)
Site Location: Webster Field

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance	0	0	0	0
Operational	350.0 (note 1)	100.0	174.4 (note 2)	75.6
Training	0	0	0	0
R & D	0	0	0	0
Supply & Storage	0	0	0	0
Admin	90.0 (note 1)	90.0	0	0
Housing	0	0	0	0
Recreational (Tennis Courts, Football Area, Softball Field, Driving Range)	6.1	0	0	6.1
Navy Forestry Program	182.6 (note 1)	0	34.6 (note 3)	148.0
Navy Agricultural Outlease Program	110.0	0	83.1 (note 2)	26.9
Hunting/Fishing Programs	113.8 (note 1)	0	33.4 (note 3)	80.4
Other	0	0	0	0
Total:	852.5	190.0	325.5	337.0

Notes:

1. This site has 121.96 acres of jurisdictional wetlands, and approximately 36 acres which fall within the 100 ft. shoreline buffer mandated by the Chesapeake Bay Critical Land Area Initiative. These restricted areas are interspersed across several land use categories, and some of the land use areas overlap.

2. Operationally constrained because of runway clear zone requirements.

3. Restricted due to wetland classification.

d. Of the total Unrestricted Acres reported above, how much of it has existing roads and/or utilities that could support expansion efforts? 120 Acres. Explain.

Existing roads and utilities generally follow the perimeter of this site along the shoreline. New development would require that roads and utilities be extended inland.

5. Base Infrastructure Capacity.

Provide base infrastructure data as of 31 March 1994. Provide numbered notes to explain imminent changes, additions & deletions driven by previous BRAC realignments, MILCON (including BRAC related MILCON) & Special Projects that are currently programmed in the FYDP. Give the project number & title, cost, short description, quantity of additional square footage, award date, estimated/actual construction start date and estimated BOD.

a. Utilize Table 5.1 below to provide information on your activity's base infrastructure capacity and load. Do not report this information if you are a tenant activity.

Table 5.1 Base Infrastructure Capacity & Load

	On Base Capacity	Off base long term contract	Normal Steady State Load	Peak Demand
Electrical Supply (KWH)	5,201,250 per month	N/A	1,001,813 per month	2,044
Natural Gas (CFH)	N/A	N/A		
Sewage (GPD)	45,000*	N/A	22,033	45,000
Potable Water (GPD)	612,000	N/A	54,878	118,000
Steam (PSI & lbm/Hr)	N/A	N/A	N/A	N/A
Long Term Parking	1090	N/A	925	1025
Short Term Parking	N/A	N/A	N/A	N/A

* The State of Maryland will allow us to increase our capacity to 60,000 GPD when the NPDS permit is next re-issued in 7/94.

b. Maintenance, Repair & Equipment Expenditure Data: Use Table 5.2 below to provide data on facilities and equipment expenditures at your activity. Project expenditures to FY 1997. Do not include data on Detachments who have received this Data Call directly. Do not report this information if you are a tenant activity. 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 5.2 Maintenance, Repair & Equipment Expenditure Data for NISEEAST DET ST INIGOES MD (UIC N65980)

Fiscal Year	MRP ($M)	CPV ($M)	ACE ($M)
1985	.867	29.8	40.6
1986	.664	Unk	39.5
1987	.760	36.8	39.5
1988	1.441	44.3	39.4
1989	.804	49.6	37.4
1990	1.342	54.4	39.9
1991	.814	56.0	52.5
1992	.621	57.4	56.5
1993	.371	63.1	53.2
1994	.675	67.9	54.2
1995	.725	77.9	55.2
1996	.805	82.2	56.2
1997	.925	86.7	57.2

Note: All Class 1 and 2 assets will be transferred to NAS Patuxent River, an activity under the claimancy of NAVAIR, on or before 3 October 1994.

c. Training Facilities:

(1) By facility Category Code Number (CCN), provide the usage requirements for each course of instruction required for all formal schools on your installation. A formal school is a programmed course of instruction for military and/or civilian personnel that has been formally approved by an authorized authority (ie: Service Schools Command, Weapons Training Battalion, Human Resources Office). Do not include requirements for maintaining unit readiness, GMT, sexual harassment, etc. Include all applicable 171-xx, 179-xx CCN's.

Type of Training Facility/CCN	School	Type of Training	FY 1993 Requirements			FY 2001 Requirements		
			A	B	C	A	B	C
Classroom - Lab/171-20	ATC	Radio Operator	102	128	13,056	120	128	15,360
Classroom - Lab/171-20	AN/UPX-29 US	AN/UPX-29 Maintenance	19	160	3,040	36	160	5,760
Classroom - Lab/171-20	AN/UPX-29 FMS	AN/UPX-29 Maintenance	4	400	1,600	4	400	1,600

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

(2) By Category Code Number (CCN), complete the following table for all training facilities aboard the installation. Include all 171-xx and 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.

Type Training Facility/CCN	Total Number	Design Capacity (PN)[1]	Capacity (Student HRS/YR)
ATC Classroom - Lab/171-20	1	24	23,040
AN/UPX-29 US Classroom - Lab/171-20	6	6	5,760
AN/UPX-29 FMS Classroom - Lab/171-20	2	6	4,800
AN/UPM-155 Tri Service Classroom - Lab/171-20	3	7	840
AN/UPM-155 Navy - Air Force Classroom - Lab/171-20	1	7	280

[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.

(3) Describe how the Student HRS/YR value in the preceding table was derived.

For ATC Classroom:
8 classes/year x 15 days/class = 120 days/year
120 days/year x 8 hours/day x 24 students = 23,040 student hours/year

AN/UPX-29 US:
6 classes/year x 20 days/class = 120 days/year
120 days/year x 8 hours/day x 6 students = 5,760 student hours/year

AN/UPX-29 FMS:
2 classes/year x 50 days/class = 100 days/year
100 days/year x 8 hours/day x 6 students = 4,800 student hours/year

AN/UPM - 155 Tri-Service:
3 classes/year x 5 days/class = 15 days/year
15 days/year x 8 hours/day x 7 students = 840 student hours/year

AN/UPM - 155 Navy/Air Force
1 class / year x 5 days/class = 5 days/year
5 days/year x 8 hours/day x 7 students = 280 student hours/year

6. Ship Berthing Capacity. If your activity has the capacity to berth ships fill out the data sheets provided at TAB A.

NONE

7. Operational Airfield Capacity. If your activity owns and operates an operational airfield fill out the data sheets provided at TAB B.

NONE

8. Depot Level Maintenance Capacity. Fill out the data sheets provided at TAB C if you or your subordinate activities perform depot level maintenance on a piece of equipment or system.

NONE

9. Ordnance Storage Capacity. If your activity has the capability to store or maintain weapons and ordnance fill out the data sheets provided at TAB D.

NONE

BRAC-95 CERTIFICATION

Certified Data: BRAC 95 Data Call Number Four - NISEEAST DET ST INIGOES MD

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

NEXT ECHELON LEVEL (if applicable)

J. J. DONEGAN
NAME (Please type or print)

Signature

Commander
Title

6/28/94
Date

Naval Command, Control and Ocean
Surveillance Center
Activity

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

MAJOR CLAIMANT LEVEL

W. H. CANTRELL
NAME (Please type or print)

W. H. Cantrell
Signature

Commander
Title

22 JULY 1994
Date

Space and Naval Warfare
Systems 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

8/4/94
Date

Activity

BRAC-95 CERTIFICATION

Certified Data: BRAC 95 Data Call Number Four - NISEEAST DET ST. INIGOES MD

Reference: SECNAV NOTE 11000 dtd 8 Dec 93

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

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

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

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

ACTIVITY COMMANDER

D. C. BAILEY
Name

Signature

Acting Commanding Officer
Title

28 June 1994
Date

NISE East
Activity

Document Separator

216

NISEEAST DET ST. INIGOES N65980

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 Command, Control and Ocean Surveillance Center, ISE East Coast Detachment, St. Inigoes
Acronym(s) used in correspondence	NISE EAST DET ST INIGOES
Commonly accepted short title(s)	NISEEAST DET ST INIGOES MD

- Complete Mailing Address

OFFICER IN CHARGE
NISE EAST DET ST INIGOES
VILLA ROAD
ST INIGOES MD 20684-0010

- PLAD

NISEEAST DET ST INIGOES MD

- PRIMARY UIC: N65980

- ALL OTHER UIC(s): LOCATION PURPOSE:

N47863	St. Inigoes	Neutral Duty Component
N68558	St. Inigoes	NCCS 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.

ACTIVITY nme activity nme

- 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 X* No _____

ACTIVITY nme activity nme

- TENANT ~~COMMAND~~: A tenant ~~command~~ is an activity or unit that occupies facilities for which another activity (i.e., the host) has accountability. A tenant may have several hosts, although one is usually designated its primary host. If answer is "Yes," provide best known information for your primary host only.

- Yes _____ No X (check one)

* As a result of BRAC-93 decisions, on or before 3 October 1994, all Class I and Class II property as well as designated functions and personnel positions will be transferred to NAVAIR. The existing, but smaller NISEEAST DET St Inigoes will remain on site as a NAVAIR tenant. In FY-97, it is projected that the NISEEAST DET St Inigoes will relocate its remaining functions and personnel positions to NISEEAST Headquarters in Charleston, SC in accordance with BRAC-93 requirements.

• 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__

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	Host 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
NONE				

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, impacted by BRAC 93.

In accordance with BRAC-93 decisions, the Naval Electronic Systems Engineering Activity (NAVELEXACT) St. Inigoes, Maryland, the Naval Electronic Systems Engineering Center (NAVELEXCEN) Portsmouth, Virginia, and the Naval Electronic Systems Security Engineering Center (NAVELEXSECCEN) Washington, DC will be closed. Administratively, these activities have been disestablished as echelon 4 commands and reestablished as detachments of a newly formed NCCOSC division, the Naval Command, Control and Ocean Surveillance Center ISE East Coast Division (NISEEAST), headquartered in Charleston, SC. The Module Maintenance Facility (part of the Charleston Naval Shipyard) will also be realigned to become part of NISEEAST.

The primary operational site and headquarters for NISEEAST will be in renovated and newly constructed facilities at the Charleston Naval Weapons Station South Annex.

At St. Inigoes, on or before 3 October 1994, all Class I and Class II property as well as designated functions and personnel positions will be transferred to NAVAIR. The existing, but smaller NISEEAST DET St Inigoes will remain on site as a NAVAIR tenant. In FY-97, it is projected that the NISEEAST DET St Inigoes will relocate its remaining functions and personnel positions to NISEEAST Headquarters in Charleston, SC in accordance with BRAC-93 requirements.

7. **MISSION**: Do not simply report the standard mission statement. Instead, describe important functions in a bulletized format. Include anticipated mission changes and brief narrative explanation of change; also indicate if any current/projected mission changes are a result of previous BRAC-88, -91,-93 action(s).

CURRENT MISSIONS

Provide electronics material support for systems and equipments under NISEEAST cognizance. As the In-Service Engineering Agent (ISEA):

PROVIDES:

- System engineering and design support
- System integration, design and installation support
- Logistics analysis, requirements and planning
- Training analysis and support
- Program management, formulation and execution

Specific Systems Include:

Command, Control and Communications (C3) Systems
Shipboard Communications Systems
Intelligence Communications/Information Processing
Shore Command and Control Systems
Shipboard Communications Systems
Information Systems Security
Air Traffic Control
Identify Friend or Foe
Special Operating Forces
Ocean Surveillance Systems
Integrated Underseas Surveillance Systems (IUSS)
Physical Security Systems
Electromagnetic Environmental Effects
Special Warfare Joint Program Support
Computer-Aided Logistics Support-Interactive Electronic Technical Manual
General Purpose Electronic Test Equipment
Foreign Military Sales
Tactical Computers
Mission Systems Integration for Oceanographic Ships

Projected Missions for FY 2001 - (Organizational elements being transferred to NAVAIR claimancy at St. Inigoes)

Provide electronics material support for systems and equipments under NISEEAST cognizance. As the In-Service Engineering Agent (ISEA):

PROVIDES:

- System engineering and design support
- System integration, design and installation support
- Logistics analysis, requirements and planning
- Training analysis and support
- Program management, formulation and execution

Specific Systems Include:

ATC/ACLS
Aegis Radio Room
Identify Friend or Foe
Light Airborne Multipurpose System (LAMPS)
Special Warfare Joint Program Support

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

MATCALS Testing which is uniquely sited with the instrumented landing systems testing facility at Patuxent River.

The Precision Approach and Landing System (PALS) engineering and life cycle support which is uniquely sited with the instrumented landing systems testing facility at Patuxent River. This includes engineering support for carrier air traffic control systems.

Projected Unique Missions for FY 2001
The above unique missions will continue into FY 2001.

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
NISE EAST CHARLESTON SC	N65236

Funding Source*	UIC
SPAWAR	N00039
NAVAIR	N00019
NAVSEA	N00024
RD&ACMDHQMC Wash, DC	M95450
SOCCOM McDill AFB FL	FB4814
DISA(DCA) Wash, DC	HC1001
Navy Engineering & Logistics Off	N41756
OFFCHIEFNAVRESRCH	N00014
NAVSPECWARCOM	N00074
ASD(C31) Wash, DC	HQ0038

*This listing includes major funding sources. See Table at Question 13 for a more complete listing of supported organizations.

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
Activity nmp •Reporting ~~Command~~ NISEEAST DET ST INIGOES	5	32	336

	Officers	Enlisted	Civilian
•Tenants (total) located at NISEEAST DET ST INIGOES	1	41	0

Authorized Positions as of 30 September 1994*

	Officers	Enlisted	Civilian
Activity nmp •Reporting ~~Command~~ NISEEAST DET ST INIGOES	4	23	333

	Officers	Enlisted	Civilian
•Tenants (total) located at NISEEAST DET ST INIGOES	1	41	0

*As a result of BRAC 93 decisions, on or before 3 October 1994, 2 officers, 17 enlisted and 214 civilian personnel will be transferred from the SPAWAR claimancy to the NAVAIR claimancy and will remain in place at St. Inigoes. The remaining SPAWAR personnel, not transferring to NAVAIR, will also remain at St. Inigoes as a NISEEAST detachment.

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
Commanding Officer NISEEAST Charleston Capt A. W. Lengerich	(803) 745-4900 Beeper 1-800-759-7243 PIN 8888 000	(803) 743-1866	(803) 875-8663
Executive Director Donald Bailey	(803) 745-4909 Beeper 1-800-759-7243 PIN 8888 009	(803) 745-1866	(803) 767-1912
BRAC Trans. Coordinator E. G. Newman	(804) 396-3131 Auto (804) 620-1721 Beeper 1-800-759-7243 PIN 8888 003	(804) 396-2867	(804) 547-5196

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 provided 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.)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
U.S. Coast Guard	04-41923	0	31	0
AEGIS Training Center	N45539	1	10	0

- 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					

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.

NISE EAST ST. INIGOES (Support provided by personnel at all sites)	**Location**	**Support function (include mechanism such as ISSA, MOU, etc)**
SPAWAR	World-wide	Engineering, management, life cycle support, acquisition, and integration of naval electronic systems and equipments. Funding Documents/MOA

NAVAIR	World-wide	Engineering, acquisition and life cycle support for Naval and Marine Corp Air Stations. MOA of May 92
NAWC/NAS	Southern Maryland	Provide support with local active test ranges.
U. S. Special Operations Command	Tampa, FL	Engineering/Technical Mgmt Support. MOA
Dept of State International Narcotics Matters Office	Washington, DC	Comm Engineering Support . MOA
Naval Special Warfare Program Office	Arlington, VA	Tech Management Support. MOU
U. S. Special Operations Command, Washington Liaison Office	Arlington, VA	Engineering/ Integration Support. Sea task
Marine Corps Systems Command	Quantico, VA	Engineering Production Support. SOW
Headquarters, Marine Corps	Washington, DC	Technical Support. SOW
Marine Corps Research, Development and Acquisition Center	Quantico, VA	Communications Engineering Support. SOW
Drug Enforcement Administration	Arlington, VA	Communications Engineering Support. MOA
Immigration and Naturalization Service	Washington, DC	Communications Engineering Support. MOA
ASD for Command, Control, Communications and Intelligence	Arlington, VA	Technical Engineering and Acquisition support. MOU
ASD for Special Operations and Low Intensity Conflict	Arlington, VA	Technical Engineering and Acquisition support. MOU

U. S. Secret Service	Washington, DC	Engineering/ Integration Support. Tasking Agreement
U.S. Customs Service	Washington, DC	Communications Engineering Support. MOU
Federal Bureau of Investigation	Washington, DC	Technical Support Integration. MOA
Army Material Command	Vint Hill Farms Station, VA	Technical Acquisition Support. Tasking Agreement
Naval EOD Technical Center	Indian Head, MD	Technical Acquisition Support. Tasking Agreement
U.S. Army Communications Electronic Command	Ft. Monmouth, NJ	Technical Engineering Test Support. Tasking Agreement
U.S. Army I Corps	Ft. Lewis, WA	Engineering Design and Integration. MOA
Air Force Special Operations Command	Ft. Walton Beach, FL	Engineering Design and Acquisition. MOA
Commander in Chief, Pacific Command	Honolulu, HI	Engineering Design and Acquisition\Integration. MOA
Special Operations Command, Pacific	Honolulu, HI	Engineering Design and Acquisition. Tasking Agreement
Joint Task Force, Six	El Paso, TX	Technical Acquisition Support. MOA
Special Operations Command Europe	Vaihingen, GE	Acquisition Logistic Support. Tasking Agreement
Naval Special Warfare Command	Coronado, CA	Engineering Design and Technical Support. MOA
U. S. Central Command	Tampa, FL	Acquisition Support. MOA
Forces Command	Ft. Gordon, GA	Network Engineering Support. MOU

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.)

- 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). (Provide in two sizes: 36"x 42" (2 copies, if available); and 11"x 17" (12 copies).)

- Aerial Photo(s). Aerial shots should show all base use areas (both land and water) as well as any local encroachment sites/issues. You should ensure that these photos provide a good look at the areas identified on your Base Map as areas of concern/interest - remember, a picture tells a thousand words. Again, date and label all copies. (Provide 12 copies of each, 8½"x 11".)

- Air Installations Compatible Use Zones (AICUZ) Map. (Provide 12 copies.)

Maps are attached.

BRAC-95

DATA CALL NUMBER ONE

Data for

Naval Command, Control and Ocean Surveillance Center, ISE East Coast Detachment
St. Inigoes, MD

BRAC-95 CERTIFICATION

Certified Data: BRAC 95 Data Call Number One - NISEEAST DET ST INIGOES MD

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

NEXT ECHELON LEVEL (if applicable)

J. J. DONEGAN
NAME (Please type or print)

Signature

Commander
Title

6/28/94
Date

Naval Command, Control and Ocean Surveillance Center
Activity

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

MAJOR CLAIMANT LEVEL

W. H. CANTRELL
NAME (Please type or print)

W. H. Cantrell
Signature

Commander
Title

1 July 1994
Date

Space and Naval Warfare Systems 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

14 JUL 1994
Date

Activity

BRAC-95 CERTIFICATION

Certified Data: BRAC 95 Data Call Number One - NISEEAST DET ST INIGOES MD

Reference: SECNAV NOTE 11000 dtd 8 Dec 93

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

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

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

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

ACTIVITY COMMANDER

D. C. BAILEY
Name


Signature

Acting Commanding Officer
Title

23 June 1994
Date

NISE East
Activity

Data Call Number ONE

Document Separator

16

ENVIRONMENTAL DATA CALL:
DATA CALL TO BE SUBMITTED TO
ALL NAVY/MARINE CORPS HOST ACTIVITIES

SUBMISSION OF:
NISEEAST DETACHMENT ST INIGOES MD
UIC: N65980

20 APRIL 1994

BRAC 1995 ENVIRONMENTAL DATA CALL:
All Navy/Marine Corps Host Ativities

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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.

THIS RESPONSE IS FOR NISE EAST DETACHMENT, ST. INIGOES ONLY
UIC N65980

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)
Haliaeetus leucocephalus - Bald eagle	Threatened	Federal	None	None

Source Citation: **Maryland Ornithological Society annual bird count**

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 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.

The area of habitat has not been established. Sightings have been random.

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.

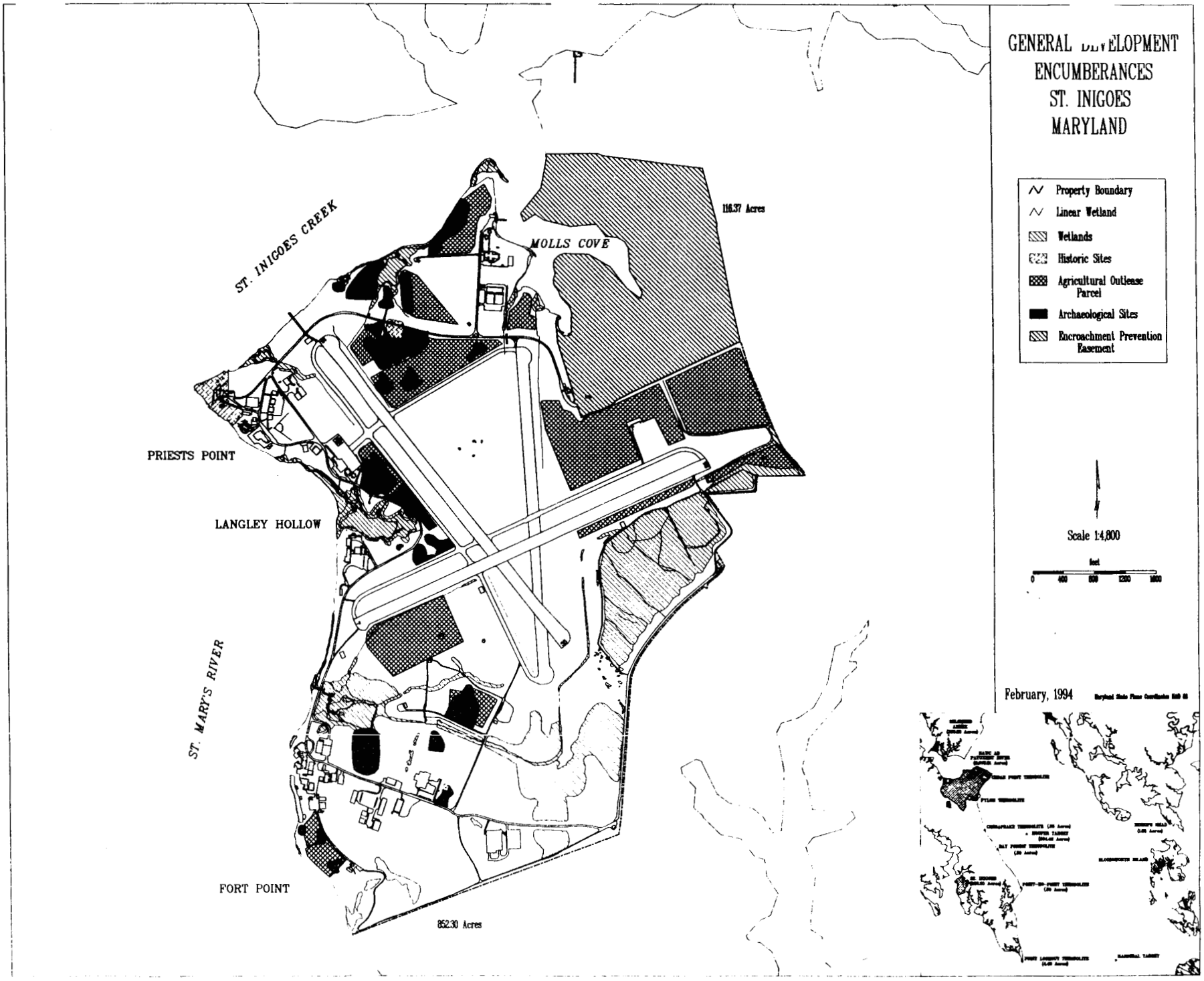
2a.

Does your base possess federal jurisdictional wetlands?	**YES**
Has a wetlands survey in accordance with established standards been conducted for your base?	**YES**
When was the survey conducted or when will it be conducted?	**3/6/92**
What percent of the base has been surveyed?	**100%**
What is the total acreage of jurisdictional wetlands present on your base?	**121.96**

Source Citation: **U.S. Fish & Wildlife Service National Wetlands Inventory Office**

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. **Map is attached.**

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. **We have never had to modify or constrain base operations in order to accommodate wetlands; however, there is a broad agreement between the Navy, U. S. Fish and Wildlife Service, State of Maryland and the Department of Natural Resources to jointly manage fish and wildlife resources including the management of wetlands.**


GENERAL DEVELOPMENT
ENCUMBERANCES
ST. INIGOES
MARYLAND
Property Boundary
Linear Wetland
Wetlands
Historic Sites
Agricultural Outlease Parcel
Archaeological Sites
Encroachment Prevention Easement
ST. INIGOES CREEK
MOLLS COVE
116.37 Acres
PRIESTS POINT
LANGLEY HOLLOW
ST. MARY'S RIVER
FORT POINT
852.30 Acres
Scale 1:4,800
feet
0
400
800
1200
1600
February, 1994

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**

18 ST 330 St. Inigoes Jesuit Priest's House
18 ST 386 Fort Point Site
18 ST 541 Spence Site
18 ST 87 St. Inigoes Manor House
18 ST 334 PUMA Site

Additionally, the Tulip Monument is a Federally owned National Monument located approximately one mile from the Activity. Since we are the closest military installation to the Tulip Memorial, NAVFAC has assigned it to our property record cards and it is our responsibility to maintain.

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**			
N/A					

[1] Contents (e.g. building demolition, asbestos, sanitary debris, etc)

Are there any current or programmed projects to correct deficiencies or improve the facility.
NO

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**
N/A					

List any permit violations and projects to correct deficiencies or improve the facility.

The activity has no facilities dedicated to any of the above; however, solid waste is collected in dumpsters throughout the activity varying in size from 8 cy to 20 cy which are emptied and managed by a local waste collection contractor. Aluminum cans and office paper is recycled as part of a recycling program administered by the Naval Air Station, Patuxent River, Maryland. Steel, aluminum and copper scrap metal is collected by the station metal fabrication shop and is recycled via the local Defense Reutilization and Marketing Office (DRMO). A solid waste management plan is currently being developed for this activity via contract through EFA Chesapeake.

4d.

Does your base own/operate a Domestic Wastewater Treatment Plant (WWTP) ?					**YES**
ID/Location of WWTP	**Permitted Capacity**	**Ave Daily Discharge Rate**	**Maximum Capacity**	**Permit Status**	**Level of Treatment/Year Built**
Priest's Point	**45,000 GPD To be upgraded to 60,000 in follow-on NPDES permit**	**28,900 GPD averaged over past 6 months.**	**60,000 GPD**	**Maryland NPDES Permit MD0020095 expired 28 Aug 92. Permit renewal requested on 14 Aug 92. State of Maryland granted an extension on 9/10/92 to continue operating under the old permit.**	**Activated sludge with tertiary treatment/Plant was built Dec 1986**

List permit violations and discuss any projects to correct deficiencies. **NONE**

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. **N/A**

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
N/A					

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			
N/A					

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.

Activity potable water is supplied by two wells having capacities of 400,000 gal. and 25,000 gal., respectively. The daily operating rate averages between 30,000 GPD and 70,000 GPD. The water is treated with sodium hypochlorite. State of Maryland permit no. SM32G001 (02) expires Feb. 1, 1999. History of permit violations: None.

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.	**Activity is currently included in a Stormwater NPDES group permit application being handled by EFA Chesapeake.**

4l.

Does your base have bilge water discharge problem?	**NO**
Do you have a bilge water treatment facility?	**NO**

Explain: **The Navy does not operate any ship berthing facilities at this activity.**

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.

The potable water system at this base is currently operating at only 8.97% total capacity, and the wastewater treatment plant is currently operating at about 48.96% total capacity. No expansion projects are planned through the Presidents budget or as a result of BRACON.

4o. Do capacity limitations on any of the facilities discussed in question 4 pose a present or future limitation on base operations? **NO** Explain. **N/A**

5. AIR POLLUTION (ALL DATA FOR SECTION 5 WAS PROVIDED BY EFA CHESAPEAKE)

5a.

What is the name of the Air Quality Control Areas (AQCAs) in which the base is located? **Southern Maryland AQC Region (area includes Charles, Calvert and St. Mary's Counties)**
Is the installation or any of its OLFs or non-contiguous base properties located in different AQCAs? **NO**. List site, location and name of AQCA. **N/A**

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.

Site: NISE EAST DETACHMENT, ST. INIGOES MD AQCA: SOUTHERN MD REGION

Pollutant	Attainment	Non-Attainment	Mainten-ance	Target Attainment Year[1]	Comments[2]
CO	X				
Ozone	X				**Base is in an ozone transporta-tion region**
PM-10	X				
SO_2	X				
NO_2	X				
Pb	X				

[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.

Emissions inventory is currently under study by EFA Chesapeake - information for 1990 is not available.

	Emission Sources (Tons/Year)				
Pollutant	Permitted Stationary	Personal Automobiles	Aircraft Emissions	Other Mobile	Total
CO					
NOx					
VOC					
PM10					

Source Document: **EFA Chesapeake Air Emissions Survey (currently ongoing)**

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.

Only data available at this time is for boilers located in several buildings at the activity.

	Emissions Sources (Tons/Year)				
Pollutant	Permitted Stationary	Personal Automobiles	Aircraft Emissions	Other Mobile	Total
CO	**.09**	**Under Study**	**Under Study**	**Under Study**	**.09**
NOx	**.37**	" "	" "	" "	**.37**
VOC	**.023**	" "	" "	" "	**.023**
PM10	**.033**	" "	" "	" "	**.033**

Source Document: **EFA Chesapeake Air Emissions Survey (currently ongoing)**

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 increase or decrease is expected; however, current baseline data has not yet been established. Personnel numbers and operational functions are expected to remain fairly constant at this activity.

5f. Are there any critical air quality regions (i.e. non-attainment areas, national parks, etc.) within 100 miles of the base?

Yes, Washington, DC and Baltimore, MD metropolitan 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 restrictions have occurred due to air quality considerations.

5h. Does your base have Emission Reduction Credits (ERCs) or is it subject to any emission offset requirements? **No.** If yes, provide details of the sources affected and conditions of the ERCs and offsets. **N/A** Is there any potential for getting ERCs? **No.**

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 totals for those two FY's.

Program	Survey Com-pleted?	Costs in $K to correct deficiencies					
		FY94	FY95	FY96	FY97	FY98-99	FY00-01
Air	ONGOING	0	50 (Air Permit)	0	25	0	0
Hazardous Waste	YES	0	2	2	2	0	0
Safe Drinking Water Act	YES	0	13	0	5	0	0
PCBs	YES	0	0	0	0	0	0
Other (non-PCB) Toxic Substance Control Act	NO	0	0	0	0	0	0
Lead Based Paint	NO	0	0	0	0	0	0
Radon	YES	0	0	0	0	0	0
Clean Water Act	NO	0	20	50	0	0	0
Solid Waste	ONGOING	0	0	0	0	0	0
Oil Pollution Act	NO	0	0	0	0	0	0
USTs	YES	0	0	0	10	0	0
Other	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total		0	85	52	42	0	0

Provide a separate list of compliance projects in progress or required, with associated cost and estimated start/completion date.

Projects in progress:

- **Solid Waste Management Plan - ongoing, start date FY93, $50K.**
- **Storm Water Quality Management Plan - ongoing, start date FY93, est $200K.**
- **Air Emissions Study - ongoing, start date FY94, CHESDIV in-house funding and cost unknown.**

Projects required:

- **Air:**
  - **FY95, cost $50K, air emission permits, start date Nov 94, completed July 95.**
  - **FY97, cost $25K, purchase and installation of stack scrubbers, start date Dec 96, complete Sep 97.**

- **Hazardous Waste:**
  - **FY95, cost $2K, laboratory analysis of waste streams, start date Oct 94, complete Jan 95**
  - **FY96 and FY97 - same as FY95.**

- **Safe Drinking Water:**
  - **FY95, cost $13K, installation of backflow prevention and cross connection valves. Start date Nov 94, complete Mar 95.**
  - **FY97, cost $5K, installation of lead solder-free drinking fountains, start date Jan 97, complete Feb 97.**

- **Clean Water Act:**

  - **FY95, cost $20K, corrective action identified in SPCC Plan, start Nov 94, complete May 95.**
  - **FY96, cost $30K, industrial wastewater management plan, start Dec 95, complete Jun 96.**
  - **FY96, cost $20K, storm water management initiatives, start Mar 96, complete Sep 96.**

- **USTs:**
  - **FY97, cost $10K, Tank Testing, start Nov 96, complete Jan 97.**

6b.
Does your base have structures containing asbestos? **YES** What % of your base has been surveyed for asbestos? **No formal survey has been completed. St. Inigoes has 15 buildings totalling 79,190 square feet that were built between 1945 and 1970, the last year for industry-wide use of asbestos. (Described in data call 3 of BRAC 93.) Five of the facilities in this group totalling 33,782 square feet have had repair projects completed in the past 8 years which have identified and removed or encapsulated all known asbestos. The remaining 45,408 square feet can be surveyed at $0.15 per square foot or $6,811.00, based on EFA CHESDIV estimate. It is anticipated that any further removal or remediation can be accomplished for approximately $43,000.**

Are additional surveys planned? **YES** What is the estimated cost to remediate asbestos ($K) **50**. Are asbestos survey costs based on encapsulation, removal or a combination of both? **Estimated survey cost is $6.8K and remediation cost, which would include a combination of both removal and encapsulation, is estimated to be $43.2K.**

6c. Provide detailed cost of recurring operational (environmental) compliance costs, with funding source.

Funding Source	FY92	FY93	FY94	FY95	FY96	FY97	FY98 -99	FY00 -01
O&MN	56K	32K	0	0	0	0	0	0
HA	0	0	0	0	0	0	0	0
PA	0	0	0	0	0	0	0	0
Other O&MN (specify)	0	0	0	0	0	0	0	0
Other (DBOF)	0	0	10K	12K	12K	12K	10K	10K
TOTAL	56K	32K	10K	12K	12K	12K	10K	10K

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?	**NO**
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	Groundwater Contaminated?	Extends off base?	Drinking Water Source?	Cost to Complete ($M)/Est. Compl. Date	Status[2]/ Comments
N/A						

[1] Type site: CERCLA, RCRA corrective action (CA), UST or other (explain)

[2] Status = PA, SI, RI, RD, RA, long term monitoring, etc.

7c. Have any contamination sites been identified for which there is no recognized/accepted remediation process available? **NO** List. **N/A**

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. **N/A**

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**? **NO** If YES, describe facility, capacity, restrictions, and permit conditions. **N/A**

7g. Does your base operate any conforming storage facilities for handling **hazardous waste**? **NO** If YES, describe facility, capacity, restrictions, and permit conditions. **N/A**

7h. Is your base responsible for any non-appropriated fund facilities (exchange, gas station) that require cleanup? **NO** If so, describe facility/location and cleanup required/status. **N/A**

7i.

Do the results of any radiological surveys conducted indicate limitations on future land use? Explain below.	**NO**

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.

Two portable chemical storage buildings, 90-day storage. Each building can contain up to four 55 gallon drums.

Two secondary containment spill pallets, 90-day storage.

This base is restricted to less than 90 day storage of hazardous waste. This base does not hold any permits for treatment or disposal of hazardous waste.

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	**852.00**	**St. Inigoes, Maryland**
Avigation Easement*	**116.37**	**St. Inigoes, Maryland**
Remote Memorial - U.S.S. Tulip Monument	**0.53**	**St. Inigoes, Maryland**

***Perpetual Avigation Easement and Right of Way for free and unobstructed passage of aircraft above a plane of 100 feet above ground elevation, obtained from James A. Sterling on 7 April 1949.**

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.)		**190.53**
Total Undeveloped (areas that are left in their natural state but are under specific environmental development constraints, i.e.: wetlands, endangered species, etc.)	Wetlands:	**121.96**
	All Others:	**36**
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		**167.04**
Total Undeveloped land considered to be without development constraints		**337**
Total Off-base lands held for easements/lease for specific purposes		**116.37***
Breakout of undeveloped, restricted areas. Some restricted areas may overlap:	ESQD	**0**
	HERF	**0**
	HERP	**60**
	HERO	**0**
	AICUZ	**56**
	Airfield Safety Criteria	**51.04**
	Other	**0**

***Perpetual Avigation Easement and Right of Way for free and unobstructed passage of aircraft above a plane of 100 feet above ground elevation, obtained from James A. Sterling on 7 Apr 1949.**

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. **NONE**

8d. What is the date of your last AICUZ update? **02/27/79** Are any waivers of airfield safety criteria in effect on your base? **YES** Summarize the conditions of the waivers below.

WAIVER	STATUS	EXPIRATION DATE
PR-47	**Temporary**	**30 SEP 94**
W-1	**Permanent**	**N/A**
W-5	**Permanent**	**N/A**

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.

Acreage/Location/ID	Zones 2 or 3	Land Use	Compatible/ Incompatible
83.21	**Zone 2**	**Residential**	**Compatible**
1804.81	**Zone 2**	**Agricultural**	**Compatible**
0	**Zone 3**	*	**Compatible**

* - All AICUZ Zone 3 area is over adjacent waterways.

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)
N/A					

8g. Summarize planned projects through FY 1997 requiring **new channel or berthing area** dredged depths, include location, volume and depth. **N/A**

8h.

Are there available **designated dredge disposal areas** for maintenance dredging material? List location, remaining capacity, and future limitations.	**N/A**
Are there available **designated dredge disposal areas** for new dredge material? List location, remaining capacity, and future limitations.	**N/A**
Are the dredged materials considered contaminated? List known contaminants.	**N/A**

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. **This base does have a significant amount of shoreline subject to erosion. A pro-active, ongoing project is in place to stabilize the shoreline form the effects of both tidal flooding/wave action and surface runoff.**

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.	**NO**

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. **N/A**

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? **None known.**

9b. Are there any **other environmental permits** required for base operations, include any relating to industrial operations.

This base also has a State Groundwater Discharge Permit Number 92-DP-2280 to discharge wastewater from the well pumping station via a subsurface seepage pit.

9c. Describe any **other environmental or encroachment restrictions** on base property not covered in the previous 8 sections. **None known.**

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 known.**

BRAC-95 CERTIFICATION

Certified Data: BRAC 95 Data Call Number Thrity-Three - NISEEAST DET ST INIGOES MD

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

MAJOR CLAIMANT LEVEL

W. H. CANTRELL
NAME (Please type or print)

W. H. Cantrell
Signature

Commander
Title

10 June 1994
Date

Space and Naval Warfare
Systems 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. BRENDON
NAME (Please type or print)

Signature

ACTING
Title

6/24/94
Date

Activity

BRAC-95 CERTIFICATION

Certified Data: BRAC 95 Data Call Number Thrity-Three - NISEEAST DET ST INIGOES MD

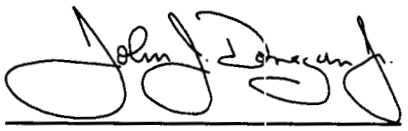
I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

J. J. DONEGAN
NAME (Please type or print)

Commander
Title

Naval Command, Control and Ocean Surveillance Center
Activity



Signature

9 June 1994
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."

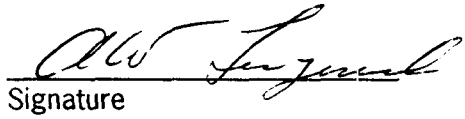
The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

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

Captain Anthony W. Lengerich
Name


Signature

Commanding Officer
Title

7 June 1994
Date

NISE East
Activity

Data Call #33

Document Separator

DEPARTMENT OF THE NAVY

SPACE AND NAVAL WARFARE SYSTEMS COMMAND
WASHINGTON DC 20363-5200

IN REPLY REFER TO

11000
Ser 10-214/50
20 May 1994

From: Commander, Space and Naval Warfare Systems Command
To: Chief of Naval Operations (N-4)

Subj: DATA CALL NUMBER THIRTEEN

Ref: (a) CNO ltr 11000 Ser N441/4U594482 of 8 Apr 94

1. Reference (a) forwarded Data Call Number Thirteen which requested a response for one of our Echelon Five detachments (Naval Command, Control and Ocean Surveillance Center, ISE East Coast Detachment, St. Inigoes). We have reviewed work assigned to the detachment and determined that personnel assigned conduct no Test and Evaluation work in the areas of Air Vehicles, Electronic Warfare or Armament/Weapons. Therefore, no data is being forwarded in response to the subject data call.

W. H. Cantrell

W. H. CANTRELL
Rear Admiral, U. S. Navy

Copy to:
NCCOSC
NISEEAST

BRAC-95 CERTIFICATION

Certified Data: Naval Command, Control and Ocean Surveillance Center, ISE East Coast Detachment St. Inigoes, MD - BRAC 95 Data Call Number Thirteen

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

MAJOR CLAIMANT LEVEL

W.H. Cantrell
NAME (Please type or print)

W.H. Cantrell
Signature

Commander
Title

26 MAY 1994
Date

Space and Naval Warfare Systems 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

2 JUN 94
Date

Activity

Document Separator

216

BRAC-95

DATA CALL NUMBER THIRTEEN

Data for

Naval Command, Control and Ocean Surveillance Center, ISE East Coast Detachment
St. Inigoes, MD

BRAC-95 CERTIFICATION

Certified Data: BRAC 95 Data Call Number Thirteen - NISEEAST DET ST INIGOES MD

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NEXT ECHELON LEVEL (if applicable)

J. J. DONEGAN
NAME (Please type or print)

SIGNATURE

Commander
Title

26 July 1994
DATE

Naval Command, Control and Ocean
Surveillance Center
Activity

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MAJOR CLAIMANT LEVEL

W. H. CANTRELL
NAME (Please type or print)

W. H. Cantrell
Signature

Commander
Title

27 July 1994
Date

Space and Naval Warfare
Systems Command
Activity

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

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

Signature

Title

8/6/94
Date

Activity

BRAC-95 CERTIFICATION

Certified Data: BRAC 95 Data Call Number Thirteen - NISEEAST DET ST INIGOES MD

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."

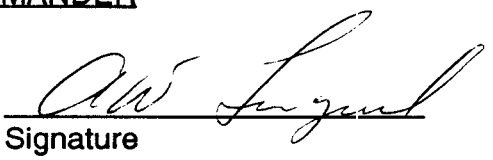
The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

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

A. W. LENGERICH
Name


Signature

Commanding Officer
Title

26 July 1994
Date

NISE East
Activity

Department of Defense

1995 Base Realignment and Closure T&E Joint Cross-Service Group Data Guidance

March 31, 1994

FOR OFFICIAL USE ONLY

T&E JOINT CROSS-SERVICE GROUP DATA GUIDANCE

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T&E JOINT CROSS-SERVICE GROUP

SECTION 1: GUIDANCE, STANDARDS, AND ASSUMPTIONS

The Military Departments will use the following information for data collection on each facility that has performed T&E and is still capable of performing T&E within the three functional areas of air vehicles, electronic combat, and armaments/weapons for any component (hardware or software), subsystem, system, or platform. Guidance is provided on conducting a cross-service analysis.

1.1 GUIDANCE

1.1.A Guidance for Identification of Test and Evaluation (T&E) Facilities / Capabilities

1.1.A.1 Scope

All DoD installations will be examined to identify facilities that have and are still capable of performing T&E within the three functional areas of air vehicles, electronic combat, and armaments/weapons.

All facilities (tenant and host on the installation) owned by DoD are within scope of this examination.

The Military Departments and Defense Agencies are responsible for submitting the data.

The scope of this examination will include T&E facilities that are funded from any funding source and appropriation (RDT&E, procurement, O&M, training, etc.).

1.1.A.2 T&E Facilities / Capabilities

The definition of a T&E facility/capability to be used for purposes of data collection will be a set of DoD-owned or controlled property (air/land/sea space) or any collection of equipment, platforms, ADPE or instrumentation that can conduct a T&E operation and provide a deliverable T&E product.

The T&E facility can support T&E of components through systems platforms or missions in the following functional areas: air, land, sea, space, C4I, armaments/weapons, electronic combat, nuclear effects, chem/bio, propulsion, environmental effects, guidance, and materials.

The T&E facilities will be grouped under one of the following test facility categories: modeling and simulation, measurement, integration laboratory, hardware-in-the-loop, installed systems, or open air (See Appendix A for definitions). It will typically consist of all of the following components:
data collection sensors and instrumentation, data reception and storage, data processing, and data display and reporting.

The scope will include T&E operations from all funding sources (RDT&E, procurement, O&M, training, etc.).

1.1.B Guidance for Military Department Data Collection

The Military Departments will use the T&E facility/capability definitions included within this data call package. In your descriptions of facility technical capabilities include programmed investments/upgrades in Military Department or Defense Agency 1995 Future Years Defense Plan (FY95 FYDP) in support of the President's Budget (PB95). When calculating capacity data, use the guidelines/definitions included in this package.

Data will be collected on all facilities/capabilities that are within the scope defined in section 1.1.A. Data will be collected using Appendix A, Data Forms and Instructions

1.1.C Guidance for Military Department Data Analysis

The Military Departments will use the 95 FYDP as the baseline to calculate costs and savings. Address closure/realignment opportunities at the functional T&E and facility levels. Retain essential technical capabilities for core competencies and technologies. Consider consolidation of subfunctions such as centralized maintenance of common platforms, instrumentation, data processing. Consider retention of difficult-to-replace essential geographic assets (e.g. airspace, ground/terrain, climates, seaports) without regard to "ownership". Recognize adaptability to future technologies. Do not consider environmental cleanup costs/difficulties for closure or downsizing a facility/capability.

1.2 ASSUMPTIONS

Cross-service analyses will use the following assumptions:

1.2.A T&E workload is not a direct function of force structure, but is related to the RDT&E budget and acquisition funding.

1.2.B The FYDP is considered certified data. Information from non-DoD activities will not be used as a basis for analyses.

1.2.C At least one test facility/capability will be required to address any technology in use or nearing maturation. Geographic assets (airspace, ground space, sea space, terrain, climate, physical security) must be adequate. Closure or realignments of laboratories, maintenance depots, and training activities could necessitate consolidation with T&E facilities/capabilities.

1.2.D Evaluation of developing technologies and systems will follow a process that involves a progression of test facilities/capabilities ranging from modeling and simulation, measurements, through hardware-in-the-loop, system integration laboratories, installed-systems, to open air/range testing.

1.2.E Potential for internetting facilities/capabilities can be considered in workload projections if investments to provide internetting capability are programmed.

1.2.F With regard to outsourcing, it will be assumed that work currently performed in-house will remain in-house and that work currently outsourced will remain outsourced.

1.2.G With regard to foreign military sales (FMS), it will be assumed that the FMS workload will continue at FY93 levels into the future (straight-lined).

1.3 FUNCTIONAL AREAS

Three functional areas of T&E facilities/capabilities were selected for specific emphasis during cross-service analyses following analysis of the T&E Reliance study areas. These three areas -- air vehicles, electronic combat, and armament/weapons -- show the greatest potential for cross-service consolidation opportunities; others are predominately or nearly Military Department unique.

Over-arching measures of merit have been developed that are applicable to many T&E facilities/capabilities across the three functional areas. These measures generally relate to the overall demographics of the facility/capability at an installation and are important to evaluating a facility/capability for: overall condition; potential to support current or future contingency, mobilization and future missions; additional workload; and overall Mission Essentiality. Additional data specific to the three functional areas will also be collected. For the purpose of this data collection, the three functional areas are defined as follows:

1.3.A Air Vehicles

This functional area includes facilities involved in the testing of all air vehicles/subsystems/components whether fixed wing or rotary wing and test of major sub-systems (e.g., avionics, engines, and sensors). This includes flight testing and the testing involving pre- and post-flight preparation and processing of the air vehicle. Unmanned air vehicles and cruise missiles are included.

1.3.B Electronic Combat (EC) Systems

This functional area includes facilities involved in the testing of stand-alone electronic combat systems and electronic combat subsystems that are normally integrated into other weapon systems. It includes the testing of systems or subsystems that have as their primary mission threat warning, testing of systems that provide countermeasures in the RF (radio frequency) spectrum against radars and other RF sensors, systems that provide countermeasures that are used against sensors in the electro-optical or infrared spectrum as well as testing of electronic and C3 countermeasures.

1.3.C Armaments / Weapons

This functional area includes facilities involved in the testing of the weapons portion of a weapon system. In those cases where the weapon system is composed almost exclusively of the weapon, it may include system-level and platform integration testing. In other cases, it addresses just the weapon subsystem (e.g., guidance and control, propulsion, warheads, and airframe), while the testing of the weapon system's vehicle is in another functional area.

SECTION 2: CAPACITY & TECHNICAL RESOURCES

Use the forms and accompanying instructions in appendix A to provide answers for this section.

2.1 WORKLOAD

Annual workload will be reported in units as follows: for open air ranges involving flight testing, report test hours and missions. For all other T&E facilities direct labor hours and test hours must be reported; if available, missions must be reported. If an estimation of test hours based on direct labor hours is necessary, refer to the instructions for Determination of Unconstrained Capacity on page 28. **See Appendix A**

2.1.A Historical Workload

-2.1.A.1 What amount of workload have you performed each year from FY86-93? Use the Historical Workload Form provided in Appendix A of this package. **See Appendix A**

2.1.B Forecasted Workload

-2.1.B.1 Identify all appropriations (by program element) that generated a requirement for testing or test support, or are expected to generate a requirement for testing/test support in your Military Department (by functional areas of air vehicles, electronic combat (EC), armament/ weapons, and other test) for FY92, FY93, and each year in the FY95 FYDP. The Military Departments will provide total funding amounts appropriated for all PEs identified in each functional area shown above. **See Appendix A**

-2.1.B.2 What amount of test work was performed at your facility (in workyears by functional areas of air vehicles, electronic combat, armament/weapons, other tests, and other) in FY92 & FY93? **See Appendix A**

2.2 UNCONSTRAINED CAPACITY

-2.2.A Unconstrained capacity is the maximum capacity of this facility, assuming manpower and consumable supplies (excluding utilities) are unlimited, but allowing for expected downtime (maintenance, weather, darkness (daylight), holidays, etc.). Provide your response by filling out the Determination of Unconstrained Capacity Form in accordance with the instructions in Appendix A.

-2.2.B Is this capacity limited by the physical characteristics of the facility itself, safety or health considerations, commercial utility availability, etc?
No

2.3 TECHNICAL RESOURCES

-2.3.A Does the facility have a specified war-time or contingency role established in approved war plans? **Unknown.**

-2.3.B Does the facility provide a T&E product or service, without which irreparable harm would be imposed on the test mission of the host installation? **No**

-2.3.B.1 On the test mission of any other activity? **No**

-2.3.B.2 On any other mission deemed critical to the operational effectiveness of the armed forces of the United States? **No**

SECTION 3: MEASURES OF MERIT

This section relates the measures of merit and the required data to the four criteria that have been established for Military Value. The four military value (MV) criteria are:

CRITERION 1: The current and future mission requirements and the impact on operational readiness of the Department of Defense's total force.

CRITERION 2: The availability and condition of land, facilities and associated airspace at both the existing and potential receiving locations.

CRITERION 3: The ability to accommodate contingency, mobilization, and future total force requirements at both the existing and potential receiving locations.

CRITERION 4: The cost and manpower implications.

3.1 OVER-ARCHING MEASURES OF MERIT

The over-arching measures of merit are listed with accompanying questions (or data requirements) intended to elicit standard information upon which the cross-service analyses can be based, and on which the Joint Cross-Service Groups can base their reviews of the Military Department analyses. Additional specific measures of merit are shown under individual functional areas. The numbers in parentheses () before each measure of merit indicate the BRAC selection criteria for military value.

3.1.A. Interconnectivity (MV I) - Measure of Merit: *Extent of linkage of this facility with other facilities and assessment of single-node failure potential.*

-3.1.A.1 What percentage of total test workload in FY93 involved the real-time or near real time exchange of data or control with another facility? List the facilities you interconnect to for test and identify how many are simultaneous activities. Identify these as to whether they are internal and external to the site.

None

-**3.1.A.2** If your facility were to be closed, would there be an impact on other facilities to which you are connected? Yes/no. If yes, explain.

The Antenna Range is not interconnected.

3.1.B Facility Condition (MV II) - Measure of merit: *Current and planned status of the T&E facilities for supporting assigned test missions.*
Fill out the Facility Condition Form in Appendix A in accordance with the instructions.

3.1.C Environmental and Encroachment Carrying Capacity (MV II) - Measure of Merit: *Extent of current and future potential environmental and encroachment impacts on air, land, and sea space for testing.*

- **3.1.C.1** Do you have limiting (current or future) environmental and/or encroachment characteristics associated with the installation/facility?
Yes/no. If yes, explain. **No**

- **3.1.C.2** How much could workload be increased before this limit would be reached? Express your answer as a percentage of your current workload.

At least 100%

- **3.1.C.3** Do you currently operate under temporary permits of an environmental nature, or voluntary agreements (including treaties) of any sort that deal with the environment? If so, when do they expire? Please describe. **No**

- **3.1.C.4** What is the total population within a 50 mile radius? 100 mile radius? 150 mile radius? 200 mile radius?

50 miles	**~**	**1,132,793**
100 miles	**~**	**9,048,269**
150 miles	**~**	**17,660,919**
200 miles	**~**	**24,209,467**

- **3.1.C.5** Identify the commercial air/land/sea traffic routes, public use of air/land/sea space, and frequency of use for each that affects or could affect mission accomplishment in your air, land, or sea space. **None**

- **3.1.C.5.A** How many test missions per year are canceled due to commercial or public use? **None**

- **3.1.C.6** What is the number of test missions that have been canceled due to encroachment in each of the last two years? **None**

3.1.D Specialized Test Support Facilities and Targets (MV I) - Measure of Merit: *Extent to which specialized test support facilities and targets are available.*

-3.1.D.1 Do you have specialized facilities that are required to support you in conducting your test operations at your facility (e.g. Aerial delivery load build-up facilities; parachute drying towers/packing facilities; paratroop support facilities; specialized fuel storage and delivery systems; mission planning facilities; corrosion control, painting, washing facilities; and specialized maintenance facilities such as avionics intermediate shops)? Yes/no. If yes, please describe. **No**

-3.1.D.2 Are specialized targets required to support this facility? Yes/no. If yes, explain. **No**

-3.1.D.2.A Have the specialized targets been validated? Yes/no. If yes, by whom? **No** **No**

3.1.E Expandability (MV III) - Measure of Merit: *Extent to which an installation/facility is able to expand to accommodate additional workload or new missions.*

-3.1.E.1 Other than the expandability inherent in unconstrained capacity, discussed earlier, are there any special aspects of this facility that enhance its ability to expand output within each T&E functional area? Yes/no. If yes, explain. **No**

-3.1.E.1.A Can you accept new T&E workload different from what you are currently performing? Yes/no. If yes, identify by T&E functional area and test type.

Yes; antenna measurements can be performed in the 30 MHz - 40 GHz frequency range for almost any medium size antenna.

-3.1.E.2 Are airspace, land, and water areas--adjacent to areas under DoD control--available and/or suited for physical expansion to support new missions or increased footprints? Yes/no. If yes, please explain. **No. Airspace belongs to NAWCAD.**

-3.1.E.3 Is the facility equipped to support secure operations? Yes/no. If yes, to what level of classification (Confidential, Secret, Top Secret, Special Access Required)? **Yes - Secret**

-3.1.E.4 Are there any capital improvements underway or programmed in the 95 FYDP, that would change your capacity/capability? Yes/no. If yes, explain. **Yes. The following MILCONS are currently scheduled.**

a. Project Number and Title: P-712-ACLS Integration Test Facility
   1) Cost: 1.75M
   2) Description: Integration Lab, Test Lab, Staging, Instrumentation Area
   3) Additional SF: 7,200
   4) Award Date: 9-9-93
   5) Estimated/Actual construction start date: 1 Feb 94
   6) Estimated BOD: 1 Sep 94
   7) Category Code(s) and associated SF: 317-7200

b. Project Number and Title: P-723-FACSFAC Elec System Integration FAC
   1) Cost: 4.02M
   2) Description: Computer Room, Bench Labs, Office
   3) Additional SF: 25,400
   4) Award Date: 9-9-93
   5) Estimated/Actual construction start date: 1 Feb 94
   6) Estimated BOD: 1 June 95
   7) Category Code(s) and associated SF: 200-487, 317-11663, 600-8863

c. Project Number and Title: P-720-AN/SPN-46(V) Life Cycle Support Facility
   1) Cost: 5.8M
   2) Description: Bench Lab, Office Space, Storage Area, Computer Maint.
   3) Additional SF: 27,900
   4) Award Date: 4-14-94
   5) Estimated/Actual construction start date: 1 June 94
   6) Estimated BOD: 1 June 95
   7) Category Code(s) and associated SF: 200-6854, 317-9085, 600-11961

d. Project Number and Title: C8-91 Addition to B-140
   1) Cost: 245K
   2) Description: 50 ft addition supports AEGIS-ARCC Mock-up
   3) Additional SF: 2760
   4) Award Date: 15 June 94
   5) Estimated/Actual construction start date: 1 July 94
   6) Estimated BOD: 1 Nov 94
   7) Category Code(s) and associated SF: 317-2760

e. Project Number and Title: C14-91 Addition to B-131
1) Cost: 235K
2) Description: 20x80 lab and office addition supports IFF/ATC
3) Additional SF: 1632
4) Award Date: 19 June 94
5) Estimated/Actual construction start date: 1 Aug 94
6) Estimated BOD: 1 Dec 94
7) Category Code(s) and associated SF: 313-1632

f. Project Number and Title: C5-89 Addition to B-142
1) Cost: 160K
2) Description: 2000 SF warehouse addition for PALS equipment
3) Additional SF: 2000
4) Award Date: 1 Aug 94
5) Estimated/Actual construction start date: 1 Sep 94
6) Estimated BOD: 1 Jan 95
7) Category Code(s) and associated SF: 200-2000

g. Project Number and Title: C18-91 Addition to B-8
1) Cost: 81K
2) Description: Tech lab addition to support White House Comm Van Installations
3) Additional SF: 704
4) Award Date: 15 Oct 94
5) Estimated/Actual construction start date: 15 Nov 94
6) Estimated BOD: 1 Apr 95
7) Category Code(s) and associated SF: 321-704

h. Project Number and Title: C8-95 Lamps Depot Repair Lab
1) Cost: 240K
2) Description: Pre-engineered metal structure for Anechoic chamber
3) Additional SF: 2800
4) Award Date: 15 Aug 94
5) Estimated/Actual construction start date: 15 Sep 94
6) Estimated BOD: 15 Jan 95
7) Category Code(s) and associated SF: 317-2800

3.1.F Uniqueness (MV I) - Measure of Merit: *Extent to which the facility is one-of-a kind.*

-3.1.F.1 Is this a one-of-a-kind facility within the DoD? Yes/no. If yes, describe. **No**

-3.1.F.1.A Within the US Government? Yes/no. If yes, describe. **No**

-3.1.F.1.B Within the US? Yes/no. If yes, describe. **No**

-3.1.F.2 Are you currently providing support to DoD users outside your Military Department? Yes/no. If yes, indicate percentage of total workload in FY92 and FY93 by Military Department. **No**

3.1.G Available Air, Land, and Sea Space (MV II) - Measure of Merit: *Extent to which controlled test ranges satisfy weapon system test requirements.*
This section is not applicable because weapons systems are not currently tested at this facility.
-3.1.G.1 How many square miles of air, land, and sea space are available to support test operations? **N/A**

-3.1.G.2 Who owns and or controls the land under the restricted airspace you use? **N/A**

-3.1.G.3 How much of this is Restricted Airspace, and what altitude limits are associated with the restricted areas? **N/A**

-3.1.G.4 Do you have special use airspace other than supersonic airspace? Yes/no. If yes, for what types of test (e.g. terrain following radar)? Dimensions? Will it support simultaneous users? Yes/no. **N/A**

-3.1.G.5 Is the airspace over land or water? List the number of square miles over each. **N/A**

-3.1.G.6 Identify known or projected airspace problems that may prevent accomplishing your mission. **N/A**

-3.1.G.7 What is the maximum straight line segment in your airspace in nautical miles? **N/A**

-3.1.G.8 What public airspace have you used for overflight of weapons systems in the past? What was the nature of those tests? Do you anticipate being able to use that same public airspace for similar tests in the future? Yes/no. **N/A**

3.1.H Geographic/Climatological Features (MV II) - Measure of Merit: *Extent to which types of climatic/geographic conditions represent world-wide operational conditions.*

-3.1.H.1 Describe the topography and ground cover/vegetation within your test airspace (include nap-of-the-earth capability). Identify all of the following that apply: mountains, forest/jungle, cultivated lowland, swamp/riverine, desert, and sea. State the area of each in square miles. **Low land - 0.1 sq miles**

-3.1.H.2 Are there features of the local geology or soil conditions that enhance or inhibit any types of test? **No**

-3.1.H.3 Did you have to go to other geographical locations to satisfy test requirements? Yes/no and explain. If yes, provide as a percent of overall workload per year for the past 8 years. **No**

-3.1.H.4 What is the number of days per year the average temperature is below 32 degrees F? 22 days
Between 32 and 95 degrees? 341 days
Above 95 degrees? 2 days

-3.1.H.5 What is the number of days per year the average relative humidity is below 30%? 5 days
Between 30 and 80%? 248 days
Above 80%? 112 days

-3.1.H.6 What is the number of test missions per year (1985 - 1993) canceled due to weather? **None**

-3.1.H.7 What is the number of test days per year (1985 - 1993) canceled due to weather? **None**

-3.1.H.8 What is the number of days per year the visibility is less than 1 mile? 7 days
Between 1 and 3 miles? 17 days
Greater than 3 miles? 341 days

-3.1.H.9 What is the average number of flying days available per year for flight test? Provide historical average from the past eight years. **N/A**

-3.1.H.10 What percentage of the time are your test operations restricted due to weather? **Basically none.**

3.2 AIR VEHICLES

This functional area includes facilities involved in the testing of all air vehicles/subsystems/components whether fixed wing or rotary wing and test of major subsystems (e.g., avionics, engines, and sensors). This includes flight testing and the testing involving pre- and post-flight preparation and processing of the air vehicle. Unmanned air vehicles and cruise missiles are included.

NISEEAST Det St. Inigoes does not perform testing on Air Vehicles in the sense of this data call, thus all answers to this section are "Non Applicable."

3.2.A Supersonic Airspace (MV II) - Measure of Merit: *Extent of range size to support weapon system requirements.*

-3.2.A.1 Do supersonic corridors or areas exist? Yes/no.

-3.2.A.2 Where are they located relative to your airfield?

-3.2.A.3 At what altitude (upper and lower altitude)?

-3.2.A.4 Over land or water? What size and shape (length and width)?

-3.2.A.5 Are there restrictions you must observe to use this space? Yes/no. If yes, explain.

-3.2.A.6 What is the maximum number of simultaneous users?

-3.2.B Airfield and Facility Characteristics (MV II) - Measure of Merit: *Extent of air vehicle infrastructure to support T&E operations.*

-3.2.B.1 Provide a brief description of your airfield and support facilities, to include the following: number and azimuth of runways, elevation, runway length (excluding overrun), overrun length, terminal and/or landing aids, arresting cable (yes/no, type), ramp area (in square feet), construction material (runway and ramps), load capability, and hangar space.

-3.2.B.2 How close and how many emergency runways or airfields are in your area of operation?

-3.2.B.3 Where is your airfield situated relative to working areas (airspace) for supporting test operations?

-3.2.B.4 What makes your airfield unique or at least suited for supporting test operations?

-3.2.B.5 Is there a size, weight, maintenance or mission limitation that would affect test operations? If so, describe the limitation(s).

-3.2.B.6 Including hangers and ramp space, how many fighter size aircraft could you support? Large multi-engine aircraft? Rotary wing? UAV? Cruise missiles?

-3.2.C Test Operations (MV II) - Measure of Merit: *Extent of T&E operations that the airspace can accommodate.*

-3.2.C.1 What types of air vehicle testing (fixed wing, rotary wing, unmanned vehicles, and cruise missiles) can be supported? (e.g. performance, handling qualities, fatigue life, static, wheels and brakes, physical integration with external stores or avionics)

-3.2.C.2 Do ground support facilities exist for pre-flight checkout or rehearsal of test missions?

-3.2.C.3 What kinds, numbers of aircraft and mix can be supported (manned and unmanned)?

-3.2.C.4 Does UAV and or rotary wing operations pose any limitation on other types of missions? If yes, explain.

-3.2.C.5 What sorts of missions (e.g. air-to-air, air-to-ground and refueling) can be flown within local airspace?

-3.2.C.6 What is the maximum number of simultaneous missions you can support that require telemetry?

-3.2.C.7 What is the largest number of simultaneous test missions you have supported in your airspace?

-3.2.C.8 Identify the number, types, and owners of aircraft at your installation.

3.3 ELECTRONIC COMBAT

This functional area includes facilities involved in the testing of stand-alone electronic combat systems and electronic combat subsystems that are normally integrated into other weapon systems. It includes the testing of systems or subsystems that have as their primary mission threat warning, testing of systems that provide countermeasures in the RF (radio frequency) spectrum against radars and other RF sensors, systems that provide countermeasures that are used against sensors in the electro-optical or infrared spectrum as well as testing of electronic and C3 countermeasures.

NISEEAST Det St. Inigoes does not perform Electronic Combat tests as defined above. Thus all answers to this section are "Non Applicable."

3.3.A Threat Environment (MV I) - Measure of Merit: *Extent to which the capability satisfies weapon system requirements.*

-3.3.A.1 What is the number of threats simulated?

-3.3.A.2 How many simultaneous threats can be simulated? What type (e.g. AI, AAA, SAM)? What is maximum signal density? Average density? What power level? What band? Radiated or injected?

-3.3.A.3 Are the threat software models and simulators (software/hardware) validated? Yes/no. If yes, by whom?

-3.3.A.4 Do you conduct open loop testing? Reactive? Closed loop? Yes/no for each.

-3.3.A.5 What is the threat representation (fidelity) and density?

-3.3.A.6 Are you capable of simulating land threats? Sea threats? Combined land/sea threats? Yes/no. If yes, describe.

-3.3.A.7 What geographic dispersion can be simulated?

-3.3.A.7.A Threat lay down?
-3.3.A.7.B Representative distance?

-3.3.A.8 Are the threats moveable (i.e.dynamic) within a test scenario? relocatable to new scenarios? yes/no

-3.3.A.9 Is the facility interlinked with off-site threats? Yes/no. If yes, how are you linked?

-3.3.A.10 Is there a limit on simultaneous users? Yes/no. If no, explain.

3.3.B Test Article Support (MV II) - Measure of Merit: *Extent to which test support satisfies weapon system test requirements.*

-3.3.B.1 Is there a size, weight, or other limitation on test operations the facility can support? Yes/no. If so, identify the limits and measures to remove them.

-3.3.B.2 What is the number of simultaneous countermeasures that can be evaluated?

-3.3.B.3 What range of spectra can be tested and evaluated?

-3.3.B.4 What are the available spectra?

-3.3.B.5 Do you have a scene generation capability? Yes/no. If yes, describe.

3.4 ARMAMENTS / WEAPONS

This functional area includes facilities involved in the testing of the weapons portion of a weapon system. In those cases where the weapon system is composed almost exclusively of the weapon, it may include system-level and platform integration testing. In other cases, it addresses just the weapon subsystem (e.g., guidance and control, propulsion, warheads, and airframe), while the testing of the weapon system's vehicle is in another functional area.

NISEEAST Det St. Inigoes does not perform testing for Armaments/Weapons as defines above. Therefore, all answers to this section are "Non Applicable."

3.4.A Directed Energy (MV II) - Measure of Merit: *Extent to which the facility satisfies directed energy weapon system test requirements.*

This includes testing of all types of directed energy weapons.

-3.4.A.1 Do you currently test directed energy weapon systems? Yes/no.

If yes, explain. Describe the power source(s) you have available. What is your maximum downrange distance?

3.4.B Rocket / Missile / Bomb Systems (MV II) - Measure of Merit: *Extent capability satisfies weapon system test requirements.*

This includes the testing of all types of rocket, missile, and bomb systems at the system/subsystem/component level, both stand alone and integrated into the launch platform. This includes testing of air-to-air, air-to-surface, and surface-to-air missiles.

-3.4.B.1 Ground Space

-3.4.B.1.A What is the area in square miles of the land and water space which you can use to conduct tests of live rocket, missile, or bomb systems?

-3.4.B.1.B How many separate and distinct land and water test areas are available to conduct tests of live weapons? List them and the size of each in acres.

-3.4.B.1.C What are the maximum ranges (nautical miles) you can test, by type weapon?

3.4.B.2 Test Operations

-3.4.B.2.A For each of your land and water ranges, how many test missions were scheduled in FY92 and FY93 that were required to use safety footprints comparable to those required for the following types of weapons:

--Unguided 2000 pound-class ballistic weapon
---live?
---inert?
--Guided weapon (e.g., GBU-24 class)
---live?
---inert?
--Stand-off weapon (e.g., AGM-130 class)
---live?
---inert?
--Short-range missile (e.g., AIM-9)
---below 5000 feet MSL
---between 5000 and 20,000 feet MSL
---above 20,000 feet MSL
--Long-range missile (e.g., AIM-120)
---below 5000 feet MSL
---between 5000 and 20,000 feet MSL
---above 20,000 feet MSL

-3.4.B.2.B Were flight termination systems required? Yes/no.

-3.4.B.2.C If no missions were scheduled in a category, give the reason(s).

-3.4.B.2.D Were any scheduled missions canceled before the mission, or terminated/aborted during the mission because of encroachments into the safety footprint? Yes/no. If yes, how many per year.

APPENDIX A - DATA FORMS AND INSTRUCTIONS

1. Form, General Information

Facility/Capability: Enter the descriptive title for the facility/capability. Avoid using acronyms and abbreviations unless the title defines the acronym. Example: Guided Weapons Evaluation Facility (GWEF).

Origin date: Enter today's date in the format MM/DD/YY.

Military Department: Allowable entries include "N" for Navy, "A" for Army, and "AF" for Air Force. If the facility/capability is managed by an "Other Government Agency" (e.g. ARPA, DNA, ACC) enter the appropriate Agency name.

Organization/Activity: Enter the name (with acronym) for the field activity. Example: White Sands Missile Range (WSMR).

Location: Enter the location where the facility/capability is physically located (installation, city or other common name).

Unit Identification Code (UIC): Enter the UIC.

T&E Functional Area: Enter the single area this facility/capability primarily supports: Air Vehicles, Armament/Weapons, Electronic Combat, or Other.

T&E Test Facility Category: Enter the facility category based on the following definitions:

(1) Digital Models and Computer Simulations (DMS) - Those models and simulations which either provide a simulated test environment or representations of systems, components, and platforms. DMSs are used throughout the development and test process, as analytical tools, as well as tools to drive or control electronic and other environmental stimuli provided, the test articles on Open Air Ranges (OARs), Installed Systems Test Facilities (ISTFs), Hardware in the Loop Test Facilities (HITLs), Integration Laboratories (ILs), and Measurement Facilities (MFs).

(2) Measurement Facilities (MF) - Those facilities used to provide a specialized test environment and/or data collection capability. MFs may be ground based laboratories or open air facilities (often located at or part of OARs).

(3) Integration Laboratories (IL) - Those facilities designed to support the integration and test of various systems and components that will be installed in a host platform. ILs are generally platform specific or unique. However, the simulated stimuli and data collection capabilities required by ILs are often common with those required by HITLS and ISTFs.

(4) Hardware-In-The-Loop (HITL) - Those facilities which provide capabilities to test systems or their components at various stages of development (e.g., brassboard, breadboard, prototype, preproduction, production). HITLs provide stimuli and data collection capabilities to permit test and evaluation of a system/component independent of the host platform.

(5) Installed Systems Test Facilities (ISTF) - Ground based test facilities (usually chambers) that allow test of systems and weapons as installed in the combat platform. ISTFs provide simulated test environments and stimuli and data collection capabilities for the test article(s).

(6) Open Air Ranges (OAR) - Those facilities which consist of controlled or restricted areas to support the test of platforms/systems in a real world, dynamic environment. They are instrumented with data collection, time-space-position information, positive control of test participants, and real or simulated targets and threats as appropriate.

Percentage Use: Enter percentage of time, based on hours, the facility is used to support each of the following (total must sum to 100%):

(1) Test and Evaluation (T&E) - Any facility that is accountable to Military Department and/or OSD T&E management oversight. Operation and sustainment of these facilities are typically funded from 6.5 or procurement program elements. Facilities in this category were developed to support developmental and/or operational test and evaluation and focus on the evaluation of system safety, technical performance, environmental (climatic, electromagnetic, etc.) effects, sustainability and operational suitability, maturity of production processes, and compliance with system specifications and quality standards.

(2) Science & Technology (S&T) - Any facility that is accountable to Military Department and/or OSD S&T management oversight. Operation and sustainment of these facilities are typically funded from 6.1, 6.2, and 6.3a program elements. Facilities in this category were developed to support experimental studies leading to enhanced understanding of new phenomena for new military applications as well as efforts directed toward the solution of problems in the physical, behavioral, and social sciences.

(3) Developmental Engineering (DE) - Any facility that is accountable to Military Department and/or OSD Research, Development and Engineering or acquisition management oversight. Operation and sustainment of these facilities are typically funded from 6.3b

through 6.4 or procurement program elements. Facilities in this category were developed to support proof-of-principle and engineering development of systems.

(4) In-Service Engineering (IE) - Any facility that is accountable to Military Department and/or OSD logistics management oversight. Operation and sustainment of these facilities are typically funded from 6.7 or Operations and Maintenance (O&M) program elements. Facilities in this category were developed to support the maintenance facilities. These facilities tend to be system peculiar capabilities to conduct checkouts of the system/subsystems after they have undergone a modification, upgrade or improvement.

(5) Training and Doctrine (T&D) - Any facility that is accountable to Military Department and/or OSD training and doctrine management oversight. Operation and sustainment of these facilities are typically funded from O&M program elements. Facilities in this category were developed to support the training and proficiency of operational forces and/or the development of new tactics, doctrine or force structure concepts.

(6) Other - Any work outside the above.

Breakout by T&E Functional Area: For each of the above categories (T&E, S&T, DE, IE, T&D, Other) enter percentage of time facility is used to support Air Vehicles, Armament/Weapons, Electronic Combat, or Other. Total of breakout areas must sum to top line percentage.

2. Form, Technical Information

Facility Description: Enter a brief description of the facility, including the mission statement.

Interconnectivity/Multi-Use of Facility: Describe any linking/interconnectivity with other T&E facilities. Include physical and/or data linkages (bandwidth, data rate, etc.). Describe any unique characteristics or multiple use of the resource (e.g., operating by rotating crew, availability of resource dependent on ..., equipment will be obsolete by ..., etc.)

Type Tests Supported: Enter specific types of tests accomplished by the Facility (e.g., electromagnetic compatibility, radar cross section, missile miss distance, air-to-air radar simulation, etc).

Summary of Technical Capabilities: Describe technical capabilities at your facility to include:

Instrumentation/Assets: Enter instrumentation and other assets (e.g., jammers, target generators, recording equipment, computer support equipment) associated with the resource.

Provide fact sheets, not to exceed two pages.

Keywords: Enter any keywords (spelled-out with acronyms) associated with functions and capabilities of the facility (e.g., electromagnetic interference/electromagnetic compatibility (EMI/EMC), anechoic chamber, radar cross section (RCS)).

3. Form, Additional Information

Additional Information Form. Enter facility name. Provide personnel numbers for FY93, FY94, and each year in the FY95 FYDP broken out according to officers, enlisted, civilians and contractors. Enter total area square footage of indoor space, test area square footage of indoor space used for T&E purposes, and list office space square footage separately. Tonnage of equipment is the weight of all equipment associated with this facility. Volume of equipment is the volume of all equipment associated with this facility. Annual maintenance cost is self explanatory. Moving costs are estimates for packing equipment at the losing site and reassembly, calibration, etc at the receiving site, not including transportation costs. Capital equipment investments are the current improvement and modernization funds as well as any programs funds earmarked for equipment purchase.

4. Form, Facility Condition

Facility/Capability: Enter the descriptive title for the facility/capability.

Age: Indicate the age of the facility/capability as of the date on the General Information Form.

Replacement Value: Enter the replacement value for the facility/capability. Indicate whether this includes the replacement cost for the equipment.

Maintenance and Repair Backlog: Enter the total dollar amount of the backlog for maintenance and repair items.

Date of Last Upgrade: Date of the last major upgrade to the facility.

Nature of Last Upgrade: Describe the purpose and capability increase from the last major upgrade. Indicate the date this upgrade became available for use.

Major Upgrades Programmed: Enter information on each of the major upgrades that are programmed. Indicate the total programmed amount and provide a summary description of the upgrade.

5. Form, Historical Workload

Use this form to report the workload performed at this facility each year from FY86-93.

Facility/Capability Title: Enter the descriptive title for the facility/capability. Avoid using acronyms and abbreviations unless the title defines the acronym. Example: Guided Weapons Evaluation Facility (GWEF).

T&E Functional Area: For each of these functional areas (Air Vehicles, Armament/Weapons, Electronic Combat, Other Test, and Other), enter direct labor hours, test hours, and/or missions for FY86 through FY93. For open air ranges involving flight testing, report test hours and missions. For all other T&E facilities direct labor hours and test hours must be reported; if available, missions must be reported. If an estimation of test hours based on direct labor hours is necessary, refer to the instructions for Determination of Unconstrained Capacity on page 28.

6. Form, Determination of Unconstrained Capacity

Annual Hours of Downtime, 1: If the facility were required to operate continuously for 24 hours a day, seven days a week, 52 weeks a year, determine the number of hours per day the facility can reasonably operate if it is not constrained by personnel strength? Consider your facilities, equipment, and instrumentation fixed at current levels.

1. Add up the total hours of downtime per year for maintenance, weather, darkness (daylight), holidays, etc. Enter in line 1.

Average Downtime Per Day, 2: Divide line 1 by 365 to get the average downtime per day. Fill in at line 2.

Average Hours Available Per Day, 3: Subtract line 2 from 24 hours to get the average number of hours per day the facility is available for test. Fill in at line 3.

Analyze your historic workload mix to determine the average number and type of tests that have been run simultaneously at your facility. Determine the maximum number of tests that can be run simultaneously if there is no limit to personnel authorizations. Enter the following data from your analysis

Test Types, 4: Enter in column 4 the name of the type of test.

Tests at One Time, 5: List the number of each type of test that can be conducted simultaneously in column 5.

Workload Per Test
Per Facility Hour, 6: List the workload (reported in units as follows: For open air range flight testing, report workload in flight hours and numbers of missions. For all other test facility categories, including open air range other than flight testing, report workload in direct labor hours) represented by each hour the test is run. Do this at line 6.

From the historic workload analysis, determine the average workload per facility hour represented by the average or "typical" test. In the row titled "TYPICAL", in column 5, enter the number of these "typical" tests that can be run in addition to those already listed above. Enter the workload per "typical" test per facility hour in column 6. To estimate test hours from direct labor hours for the Historic Workload Form, divide the facility workload by this number (the number of direct labor hours per "typical" test per facility hour) and enter in the test hour block on the Historic Workload Form.

Workload Per
Facility Hour, 7: Multiply column 5 by column 6. Enter in column 7. Total column 7.

Unconstrained
Capacity Per Day, 8: Multiply the total from column 7 by line 3 to get the unconstrained capacity per average day. Enter in line 8.

Annual
Unconstrained
Capacity, 9: Multiply line 8 by 365 to get the unconstrained capacity per year for the facility. Enter on line 9.

Note: Data Call 13 requests T&E information with specific emphasis placed on air vehicles, Electronic Combat, and Armament/Weapons Systems. NISEEAST DET ST INIGOES MD does not perform test and evaluation efforts within the scope of these special emphasis programs.

NISEEAST DET ST INIGOES MD provides T&E services for several systems designated as "other," as defined in Data Call 13. Requested data for the NISEEAST DET ST INIGOES MD Antenna Range is provided with the enclosed Data Call 13 package. Specific information on four other facilities (the Fleet Area Control and Surveillance Facility [FACSFAC], Mobile Communication Integration Facility, NCCS Shore Command and Control Facility, and Special Operating Forces Facility) were previously reported with the NAWC-AD PATUXENT RIVER MD (UIC N00421) Data Call 13 submittal.

GENERAL INFORMATION

Facility/Capability Title: Antenna Range/NISEEAST DET ST INIGOES MD

Origin Date: 7/21/94

Service: N

Organization/Activity: Naval Command, Control and Ocean Surveillance Center ISE East Coast Detachment, St Inigoes MD

Location: St. Inigoes, MD

T&E Functional Area: Other

UIC# 65980

T&E Test Facility Category: HITL

	T&E	S&T	DE	IE	T&D	OTHER
PERCENTAGE USE:	10	0	20	70	0	0

BREAKOUT BY T&E FUNCTIONAL AREA (%):

Air Vehicles	0	0	0	0	0	0
Armament/Weapons	0	0	0	0	0	0
EC	0	0	0	0	0	0
Other	10	0	20	70	0	0

Total In Breakout Must Equal "Percentage Use" On First Line

TECHNICAL INFORMATION

Facility /Capability Title: **Antenna Range/NISEEAST DET ST INIGOES MD**

Facility Description: **Including mission statement: The NISEEAST DET ST INIGOES MD Antenna Range provides a capability for test and evaluation of antennas which are associated with assigned command, control, and communications systems, surveillance systems, and systems which over-arch multi-platforms. Projects include Air Traffic Control, Precision Air Landing Systems, Identification Friend-or-Foe, AEGIS, Special Warfare, LAMPS, and SATCOM.**

The basic range is capable of a variety of antenna measurements from 30 MHz to 40 GHz (expandable to 140 GHz) with a 10 dB dynamic range.

Interconnectivity/Multi-Use of T&E Facility: **None -- The range is a stand alone facility.**

Type of test Supported: **Hardware, In-Service Engineering**

Summary of Technical Capabilities: The antenna range is capable of providing a variety of highly accurate antenna measurements in the 30 MHz to 40 GHz (expandable to 140 GHz) frequency range for moderately sized antennas.

Keywords: **Test and Evaluation, Antennas**

ADDITIONAL INFORMATION

Facility/Capability Title: Antenna Range/NISEEAST DET ST INIGOES MD

PERSONNEL

	FY93	FY94	FY95	FY96	FY97	FY98	FY99
Officer	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Civilian	1	1	1	1	1	1	1
Contractor	1	1	1	1	1	1	1
Total	2	2	2	2	2	2	2

Total Square Footage: 412,000*

Test Area Square Footage: 204,300*

Office Space Square Footage: 29,000 ft^2

Tonnage of Equipment: 15

Volume of Equipment: 3,430 ft^3

Annual Maintenance Cost: Approx $30K

Estimated Moving Cost: $112,000

CAPITAL EQUIPMENT INVESTMENT

FY93	FY94	FY95	FY96	FY97	FY98	FY99
0	0	0	0	0	0	0

* Does not include 60,000 SF under construction of which approximately 50% will devoted to test area.

FACILITY CONDITION

FACILITY/CAPABILITY TITLE: **Antenna Range/NISEEAST DET ST INIGOES MD**

AGE: **25 years** REPLACEMENT VALUE: **Approx $750K**

MAINTENANCE AND REPAIR BACKLOG: **None**

DATE OF LAST UPGRADE: **FY-91**

NATURE OF LAST UPGRADE: **Upgraded automated pattern system and increased measurement accuracy with essentially new measurement system.**

MAJOR UPGRADES PROGRAMMED -- **None**

1. UPGRADE TITLE: _____

   TOTAL PROGRAMMED AMOUNT: _____
   SUMMARY DESCRIPTION: _____

2. UPGRADE TITLE: _____

   TOTAL PROGRAMMED AMOUNT: _____
   SUMMARY DESCRIPTION: _____

HISTORICAL WORKLOAD

FACILITY/CAPABILITY TITLE: **Antenna Range/NISEEAST DET ST INIGOES MD**

T&E FUNCTIONAL AREA		FISCAL YEAR							
		86	87	88	89	90	91	92	93
AIR VEHICLES	DIRECT LABOR								
	TEST HOURS								
	MISSIONS								
EC	DIRECT LABOR								
	TEST HOURS								
	MISSIONS								
ARMAMENT/WEAPONS	DIRECT LABOR								
	TEST HOURS								
	MISSIONS								
OTHER T&E	DIRECT LABOR				**2080**	**2080**	**2080**	**2080**	**2080**
	TEST HOURS				**792**	**736**	**588**	**792**	**280**
	MISSIONS				**20**	**18**	**15**	**20**	**7**
OTHER	DIRECT LABOR								
	TEST HOURS								
	MISSIONS								

DETERMINATION OF UNCONSTRAINED CAPACITY

FACILITY/CAPABILITY TITLE: Antenna Range/ NISE East Det St. Inigoes

ANNUAL HOURS OF DOWNTIME*	1	6,372
AVERAGE DOWNTIME PER DAY (LINE 1 ÷ 365)	2	17.46
AVERAGE HOURS AVAILABLE PER DAY (24 - LINE 2)	3	6.54

TEST TYPES	TESTS AT ONE TIME	WORKLOAD PER TEST PER FACILITY HOUR	WORKLOAD PER FACILITY HOUR	UNCONSTRAINED CAPACITY PER DAY (LINE 3 X TOTAL Σ)
4	5	6	7	8 21.32
Antenna Measure-ments	1	3.26 **	3.26	
				ANNUAL UNCONSTRAINED CAPACITY
				9 7781.8
"Typical"		3.26	3.26	
			TOTAL Σ 3.26	

* Calculations are attached on next page.

** Average of Direct Labor Divided by Test Hours from FY89 through FY93.

DETERMINATION OF UNCONSTRAINED CAPACITY

Down Time Calculation:

--Assume

(1) 1 day/week required for setup-calibration-maintenance
(2) Daylight operation only (12 hour working day)
(3) 10 days/years holiday
(4) 52 weekends (2 days each)

Then nonworking days are:

(1) 1 day/week x 52 weeks	=	52 days
(2) (365 - 166*) x 1/2	=	99.5 days
(3) 10 days/year	=	10 days
(4) 52 weeks x 2 days/week	=	104 days
	TOTAL	265.5 days
265.5 days x 24 hr/day	=	6372

*166 equals sum of other nonworking days

Document Separator

BSAT BASE STRUCTURE ANALYSIS TEAM

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

RP-0389-F7
BSAT\ON
12 Oct 1994

MEMORANDUM FOR THE BASE STRUCTURE EVALUATION COMMITTEE

Subj: REPORT OF BSEC DELIBERATIONS ON 12 OCTOBER 1994

Encl: (1) Weapons Stations/Naval Magazines Military Value Matrix dtd 11 Oct 94 (completed through military value weighting, banding, and scoring)
(2) Rankings of Technical Center Activities for Joint Cross-Service Groups
(3) Naval Stations Military Value Matrix (completed through military value weighting, banding, and criteria assignment)

1. The thirty-second deliberative session of the Base Structure Evaluation Committee (BSEC) convened at 0933 on 12 October 1994 in the Base Structure Analysis Team (BSAT) Conference Room at the Center for Naval Analyses. The following members of the BSEC were present: The Honorable Robert B. Pirie, Jr., Chairman; Mr. Charles P. Nemfakos, Vice Chairman; Ms. Genie McBurnett; Vice Admiral Richard Allen, USN; Lieutenant General James A. Brabham, USMC; and Ms. Elsie Munsell. The following members of the BSAT were present: Mr. Richard A. Leach; Ms. Anne Rathmell Davis; Captain Richard Ozmun, JAGC, USN; Lieutenant Colonel Orval Nangle, USMC; and Commander Dennis Biddick, CEC, USN.

2. Commander Biddick presented the draft Weapons Stations/Naval Magazines (WS/MAG) Military Value Matrix with the BSAT's recommended banding and criteria assignments. See enclosure (1). Based on the BSEC's 6 October direction, question 12 was revised using a threshold of 20,000 square feet. The BSEC agreed that the question as written adequately captured expansion capability. The BSAT did not add any questions to the Quality of Life (QOL) questions taken from the Marine Corps Logistics Bases Military Value Matrix. The BSEC found that limiting the number of QOL questions was responsive to the 1993 Congressional criticism that QOL was given undue value. Commander Biddick departed.

3. The BSEC noted the importance of facilities as it is unlikely that new weapons stations or magazines would ever be built. It also found readiness and facilities to be closely related. Finally, the BSEC believed that the surge capability of these activities was a crucial mobilization aspect during conflict. The BSEC assigned the following weights to the four WS/MAG military value criteria: Readiness (30); Facilities (30); Mobilization (20); and Cost (20). See enclosure (1).

4. The BSEC then reviewed the recommended bands for the WS/MAG Military Value Matrix section by section and question by question to place each question in one of three bands (Band 1: highest importance; Band 2: less highest importance; and Band 3: lesser highest importance). The BSEC approved the bands recommended by the BSAT except as noted below.

a. The band on questions 15, 27, 41, and 47 was changed to "1" to reflect the importance which the BSEC placed on unique facilities, equipment, and skills in those areas. For the same reason the band of question 49 was changed from "3" to "2." This reflects the BSEC's general practice to band "unique" questions with the same band as that of the system, work, or other subject matter to which they pertain.

b. The capacity analysis of outload factors showed an excess capacity for peacetime requirements but insufficient capacity for mobilization or sustainment. The BSEC changed the band of question 28 to "1" because of the importance of outload capacity.

c. The bands for questions 89, 106, and 111 were changed to "2," "3," and "1" respectively. These bands are consistent with what the BSEC has done for similar questions in other matrices.

d. Because of the industrial nature of NWS/MAG the BSEC directed the BSAT to make the bands, criteria assignments, and military value scores for the Environment/Encroachment questions the same as those questions were for Shipyards and Technical Centers with one exception. For question 83 the BSEC approved the recommended band and criteria assignment and gave it a military value score of "8."

e. The BSEC reviewed the makeup of civilian and military personnel at NWS/MAG activities and found them to most closely resemble those at Marine Corps Logistic Bases. The BSEC directed the BSAT to make the bands, criteria assignments, and military value scores for the Quality of Life questions the same as the Quality of Life questions for Marine Corps Logistics Bases.

See the redactions in enclosure (1).

5. The BSEC recessed at 1045 and reconvened at 1105. All BSEC members and BSAT members present when the Committee recessed were again present.

6. The BSEC then reviewed the criteria assignments for the WS/MAG Military Value Matrix. The assignments reflect which military value criteria apply to each question. The BSEC directed numerous changes to criteria assignments recommended by the BSAT. The

following questions were changed as indicated:

	R	F	M	C		R	F	M	C
Question 13	0	1	1	1	Question 14	0	1	1	1
Question 15	1	1	0	1	Question 16	1	0	1	0
Question 25	1	1	1	1	Question 27	1	1	0	1
Question 41	1	1	0	1	Question 42	1	0	1	0
Question 43	1	0	1	1	Question 44	1	0	1	1
Question 45	1	1	0	1	Question 46	1	0	1	1
Question 47	1	1	0	1	Question 49	1	1	0	1
Question 50	1	1	0	1	Question 61	1	0	1	1
Question 62	1	1	0	1	Question 81	1	0	1	0

See the redactions in enclosure (1). Lieutenant General Brabham departed at 1216 during these deliberations.

7. The BSEC then reviewed each question of the NWS/MAG Military Value Matrix to assign a military value score based on its relative importance. See the redactions in enclosure (1).

8. The BSEC recessed at 1200 and reconvened at 1215. All BSEC members present when the Committee recessed were again present. The following BSAT members were present: Mr. Richard A. Leach; Ms. Anne Rathmell Davis; Captain Richard Ozmun, JAGC, USN; Lieutenant Colonel Orval Nangle, USMC; and Mr. Gerald Schiefer. Lieutenant General Brabham entered the deliberations at 1218.

9. Mr. Schiefer advised the BSEC that DoN must rank the Technical Center activities identified by the Joint Cross Service Groups (Laboratories, Depot Maintenance, and Test & Evaluation) in one of three bands based on their overall military value. The BSEC reviewed the cumulative military weights of the Technical Centers activities (see enclosure (4) of the 6 October 1994 report of BSEC deliberations) and found statistically significant scoring breaks at 35 points and 25 points. The BSEC decided to place those activities scoring 35 points or more in the highest band, those activities scoring between 25 and 35 points in the middle band, and those activities scoring less than 25 points in the lowest band. See enclosure (2) for the final breakdown. For purposes of the ranking, the BSEC decided to treat detachments as part of the parent activity.

10. Mr. Schiefer also asked the BSEC to remove three activities from the DoN activity list because they are closing--NCCOSC, RDT&E Division, Philadelphia; NCCOSC, ISE East, St. Inigoes; and NSWC, Dahlgren Division, White Oak. The BSEC approved their removal.

11. The BSEC recessed at 1254 and reconvened at 1306. All BSEC members present when the Committee recessed were again present.

The following BSAT members were present: Mr. Leach; Ms. Davis; Captain Ozmun; Lieutenant Colonel Nangle; and Commander Robert Souders, USN.

12. Commander Souders presented the draft military value matrix for Naval Stations with the changes to the questions directed by the BSEC on 6 October 1994 and the BSAT's recommended banding and criteria assignments. The BSEC directed that the word "you" in questions 7 through 18 be changed to "base" and that the word "facilities" in question 20 be changed to "care." Finally, the BSEC directed that the following question be added to the matrix "Less than 10% of base infrastructure is in inadequate condition" with a band of "2." Commander Souders departed.

13. The BSEC examined the draft Naval Station Military Value Matrix and assigned a weight to each of the four military value criteria so that the sum of the weights equaled 100. The BSEC found that readiness was the most important criteria but recognized that some readiness was imbedded in facilities. Since the number of ships cannot be readily increased for purposes of mobilization, the mobilization criteria was valued lower than the others. The BSEC assigned the following weights: Readiness (50); Facilities (25); Mobilization (10); and Cost (15). See enclosure (3).

14. The BSEC then reviewed the recommended bands for the Naval Station Military Value Matrix. The bands reflect the relative importance of the question. The BSEC approved the bands recommended by the BSAT except as noted below.

a. Operational Infrastructure. Questions 5 and 6 are a cascade. The BSEC directed that question 6 be changed from band "1" to a band "2" to allow discrimination of capabilities. Questions 7 through 18 capture the activity's ability to berth different sizes of ships. The BSEC changed the band of questions 13, 15, and 18 to band "2" to give a higher score to the facilities with the space and other requirements to berth the larger ships. Consistent with the band assigned in other matrices, the BSEC changed the band for question 20 to "1" and assigned a military value score of "6."

b. Base Infrastructure & Investment. The BSEC directed that question 31 be changed from band "1" to a band "2" to allow sufficient discrimination with question 30.

c. Encroachment, Environment, and Expansion. The BSEC directed the BSAT to change the bands of questions 39 and 40 to "1" and "2" respectively and to score the questions as an "8" and "5" respectively. For the remainder of the questions in this section, the BSEC directed the BSAT to put the same bands, criteria

assignments, and scores as were directed for those questions in the WS/MAG Military Value Matrix in this session. The BSEC also directed that the following question be added "Does the activity have any specific capabilities for handling/disposing of hazardous waste/material?" Finally, the BSEC directed that "/or" be added to question 42 after "and."

d. Logistics. The band for question 52 was changed from "2" to "3."

e. Maintenance. Because question 58 related to expansion, the band was changed to "3." As a floating drydock was viewed as more valuable than a graving drydock, the band for question 61 was changed to "3." Questions 65, 67, and 68 were all changed to band "2."

f. Operations. The BSEC changed question 73 to a band "3" and directed that the following question be added after question 73 "Is the average transit time to the open sea 1 hour or less?"

g. Training. The band for questions 84, 86, and 87 was changed from "3" to "2" to reflect the importance of unique training facilities and drilling reserves. The band for question 89 was changed from "2" to "3," and the band for questions 91 through 94 was changed from "2" to "1" because of the importance of having such training facilities available.

h. Quality of Life. The BSEC directed the BSAT to place the same bands, criteria assignments, and military value scores in the Quality of Life questions as were used for similar questions in the Training Air Stations (TAS) Military Value Matrix. For questions not contained in the TAS matrix, the BSEC directed the following bands: questions 96, 97, 114 - band "1;" questions 106 and 111 - band "2;" and questions 104 and 107 - band "3."

See the redactions in enclosure (3).

15. The BSEC then reviewed the criteria assignments for the Naval Stations Military Value Matrix. The assignments reflect which military value criteria apply to each question. The BSEC directed numerous changes to criteria assignments recommended by the BSAT. The following questions were changed as indicated:

	R	F	M	C		R	F	M	C
Question 19	0	1	0	1	Question 20	1	0	0	1
Question 21	0	1	0	1	Question 22	0	1	1	0
Question 24	1	1	1	1	Question 29	0	1	0	1
Question 30	0	1	0	1	Question 31	0	1	0	1

Question 33	0	1	0	1	Question 49	1	0	0	1
Question 50	1	0	0	1	Question 51	1	0	0	0
Question 52	1	1	0	0	Question 53	0	1	0	1
Question 54	1	0	1	0	Question 56	1	1	0	1
Question 57	1	1	0	1	Question 58	0	1	1	0
Question 59	1	0	0	0	Question 62	1	1	0	0
Question 63	1	0	0	0	Question 64	0	0	0	1
Question 65	0	0	0	1	Question 76	1	1	0	0
Question 77	0	1	0	1	Question 80	1	0	0	1
Question 81	1	0	0	1	Question 89	0	1	0	0
Question 91	1	0	1	1	Question 92	1	0	1	1
Question 93	1	0	1	1	Question 94	1	0	1	1

The remainder of the criteria assignments, including those for questions 39, 40, 96, 97, 104, 106, 107, 111, and 114 were approved. See enclosure (3).

16. The BSEC also directed that question 99 be deleted.

17. The deliberative session adjourned at 1507 on 12 October 1994.

Orval E. Nangle

ORVAL E. NANGLE
LTCOL, USMC
Recording Secretary