

FORT RITCHIE
FY95 INPUT
TO MACOM

FY 95 BRAC INPUT TO MACOM

Document Separator

Additional / Unusual Costs

570a
BRAC



DEPARTMENT OF THE ARMY
HEADQUARTERS, U.S. ARMY GARRISON FORT RITCHIE
FORT RITCHIE, MARYLAND 21719-5010



REPLY TO
ATTENTION OF

ANRT-CD

21 DEC 1994

MEMORANDUM FOR Commander, U.S. Army Military District of
Washington, ATTN: ANEN-RO (Ms. Rodriguez),
Bldg 39, Fort Lesley J. McNair, Washington,
DC 20319-5050

SUBJECT: Information on USAG Fort Ritchie Costs and Issues for
BRAC 95 Consideration

1. On 30 November 1994, a list of Additional/Unusual Costs was submitted by this installation for BRAC costing. As telephonically confirmed to Mr. Shimanski by Ms. Rodriguez, the list included any or all additional costs for tenant and Garrison activities. The list was developed from requirements identified by tenants or taken from the previous USAISC proposal. Construction costs are based on square footage requirements requested or currently occupied by impacted activities and approved engineering estimating rates. This provides additional definition and explanation of the requirements identified.

2. In our review of the USAISC proposal, we believe there are many discrepancies and flaws which omitted significant costs. At attachment 1 is a matrix of tenant activities which would be impacted by closure of USAG Fort Ritchie and the costs they would incur to relocate. Also included are relocation costs for USAG Fort Ritchie activity personnel required to continue mission support to Site R. The requirements and costs are based on information provided by coordination with tenant activities and may not agree with the owning MACOM plan as submitted to the TABS office.

ROBERT M. BUTT
LTC, IN
Commanding

Atch

9 DEC 94

U.S. ARMY GARRISON FORT RITCHIE BRAC COSTS/ISSUES

FORT RITCHIE TENANTS IMPACTED	NUMBER OF PERSONNEL	RELOCATION COSTS/PEOPLE	CONSTRUCTION COSTS	EQUIPMENT MOVE COSTS	OTHER COSTS	TOTAL COSTS
USAISEC-CONUS (W3HJAA)	368 CIV 228 MIL 140 CONTR 92	228X.9X.68 = 139 139 X \$30.0K \$4,170,000 CIV \$ 151,544 MIL	ADMIN \$13,785,000 (91,900 SF @ \$150) BKS 1,950,000 (15,000 SF @ 130)	\$6,477 AUTOMATION	\$587,400. FURNITURE.	\$20,650,421
1108TH SIGNAL BRIGADE (W4OUAA)	58 CIV 36 MIL 22	36 X .9 X .5 = 16 16 X \$30.0K \$480,000	ADMIN \$4,821,975 (21,431 SF @ \$225)	-----	-----	\$5,301,975
1111TH SIGNAL BATTALION (W35TAA)	368 CIV 57 MIL 311	57 X .9 X .5 = 25 25 X \$30.0K \$750,000	BKS \$4,079,140 (31,378 SF @ \$130)		\$101,926 TRANS (BUS	\$4,931,066
TECH APPLICATIONS OFFICE (W4PBO6)	37 CIV 34 MIL 3	34 X .75 = 25 25 X \$30.0K \$750,000	ADMIN \$3,195,000 (14,200 SF @ \$225)	\$160,000 (SCAMPI MOVE, REHOME T-1, RED PHONE MOVE)	\$561,000 TDY \$152,000 WY DUE TO TDY TIME	\$4,818,000
USAISC-BRAC OFFICE	8 CIV	8 X 1 = 8 8 X \$30.0K \$240,000	INCL W/1108TH?			\$240,000
SHARED ISC COMPONENTS				\$1,500,000 (MOVE LAN COMPONENTS)		\$1,500,000
DISO (DHQDIS)	235 CIV 203 MIL 32	203 X .80 X .5 = 81 81 X \$30.0K \$2,430,000	ADMIN \$11,400,000 (76,000 SF @ \$150) BKS \$1,800,000 (12,000 SF @ \$150)			\$15,630,000

A + c / h |

9 DEC 94

U.S. ARMY GARRISON FORT RITCHIE BRAC COSTS/ISSUES

FORT RITCHIE TENANTS IMPACTED	NUMBER OF PERSONNEL	RELOCATION COSTS/PEOPLE	CONSTRUCTION COSTS	EQUIPMENT MOVE COSTS	OTHER COSTS	TOTAL COSTS
OTHER TENANTS:						
902ND MI GROUP (W3S21A)			MI ADMIN \$174,000 (1,164 SF @ \$150)			\$174,000
SITE R TENANTS (HOUSING)						
CAMP DAVID (HOUSING)						
INFO PROCESSING CENTER			ADMIN \$189,000 (1,260 SF @ \$150)			\$189,000
USAG RESIDUAL: (W065AA)						
DPW			ADMIN \$3,000,000 (20,000 SF @ \$150)			\$3,000,000
DOL			ADMIN \$3,750,000 (25,000 SF @ \$150)			\$3,750,000
DOC			ADMIN \$300,000 (2,000 SF @ \$150)			\$300,000
MP SECURITY, SITE R	122 MIL		ADMIN \$3,530,520 (25,218 SF @ \$140) BKS \$3,506,944 (26,368 SF @ \$133)			\$7,037,464
USAG MP/ISC DINING FACILITY			ADMIN \$2,595,000 (15,000 SF @ \$173)		\$676,000 (DINING CONTRACT)	\$3,271,000
TOTAL	1196	\$8,971,544	\$58,076,579	\$1,666,477	\$2,078,326	\$70,792,926

Explanation comments: U.S. Army Fort Ritchie BRAC Costs/Issues

USAISEC-CONUS (W3HJAA)

The tenant identified a workforce of 368 personnel with 228 civilians and 140 military supplemented by contract engineering from 92 contractor people. Relocation costs are based on 228 civilians of which 90 percent (205) are expected to accept relocation positions at Fort Detrick and 68 percent (139) of those accepting relocation will be eligible for/entitled to relocation costs.

Construction requirement and costs are based on the current square footage occupied by tenant activity. We have been advised this space is not available at Fort Detrick. Additional barracks will be required to house military.

Equipment move costs are for engineering systems automation equipment which is connected into an internal network and will require additional contract costs to move.

1108th Signal Brigade (W40UAA)

Current tenant workforce is 58 personnel with 36 civilians and 22 military. Relocation costs are based on 36 civilians of which 90% (32) are expected to accept relocation positions at Fort Detrick and 50% (16) of those accepting relocation will be eligible for/entitled to relocation costs.

Construction requirement and costs are based on the current space and security requirements of tenant activity. We have been advised this space is not available at Fort Detrick.

1111th Signal Battalion (W35TAA)

Current tenant workforce is 368 personnel with 57 civilians and 311 military. Relocation costs are based on 57 civilians of which 90% (51) are expected to accept relocation positions at Fort Detrick and 50% (25) of those accepting relocation will be eligible for/entitled to relocation costs.

Additional barracks will be required to house military. Construction requirement and costs are based on the current square footage occupied by tenant activity. We have been advised this space is not available at Fort Detrick.

Other additional recurring support transportation costs will be incurred by relocation of this activity to Fort Detrick. There will be an additional \$102K annual cost for transportation of USAISC 1111th Sig Bn and USAG Site R security personnel between Fort Detrick and Site R. The cost includes both the GSA bus rental cost and the driver's salary.

Basis of estimate:

6 round trips on normal workdays company barracks/site R
(6x251days)=1506 trips

3 round trips on weekends/holidays company barracks/Site R
(3x114days)= 342 trips

Total 1848 trips per year

Additional mileage to Fort Detrick is 60 miles round trip

(60 miles/tripx1848trips)=110,880 miles

110,880 miles x \$.36 cost/mile for bus = \$39,916 rental cost

Each trip requires an additional 1.5 hours of driving time at the current composite driver rate of \$22.37 (Frederick County/Fort Detrick may be higher)

1848trips x 1.5hours x \$22.37/hour = \$62,009 driver cost

TOTAL transportation rental \$39,616 + driver \$62,009 = \$101,925.

Tech Applications Office (W4PB06)

Current tenant workforce is 37 personnel with 34 civilians and 3 military. Relocation costs are based on 34 civilians of which 75% (25) are expected to accept relocation positions to Fort Huachuca and all (25) of those accepting relocation will be eligible for/entitled to relocation costs.

Construction requirement and costs are based on the current space and security requirements of tenant activity.

Equipment movement costs are based on information provided by tenant. Costs include contract for special handling of SCAMPI system equipment, rehoming costs for T-1 communications circuits, and movement of classified red phone system.

Other significant additional recurring costs will be incurred with relocation of this activity to Fort Huachuca. Travel costs will increase significantly to greater distance of Fort Huachuca from the primary customer base on the east coast. Due to the additional travel time required to reach customers from Fort Huachuca, additional staffing of an estimated 3 workyears will be needed to maintain the same levels of mission support and customer service.

Shared ISC Components

USAISC tenants at Fort Ritchie are supported by a Garrison Local Area Network (LAN) which provides shared use of software and all networking features. To maintain current levels of mission service and productivity the tenants will require equivalent automation networking capabilities at Fort Detrick. Estimated costs to move major components of the Fort Ritchie are \$1.5M to relocate items identified at exhibit 1.

Military Police Security Site R (W065AA)

A continuing protection/security mission support requirement at Site R will require the relocation of the USAG Fort Ritchie MPs to Fort Detrick for installation support. MPs required for security at Site R. Should the Garrison close, the 122 military personnel of the 572nd MPs would require BASOPS support.

Additionally, 113 military tenants at Site R would also have to transfer to Fort Detrick for support. As with the 111th Sig Bn, the MP Company would require both administrative and Barracks space. The construction cost was based on standard space requirements for administrative/housing for the 122 MPs. An additional consideration would be an increase in the Fort Detrick support cost for administrative space for the 235 MP and Site R tenant military personnel estimated at 162 square feet of space per person, and a support cost of \$13.40 per square foot. $162 \times 235 \times \$13.40 = \$510K$

USAG MP/ISC Dining Facility

Construction Costs:

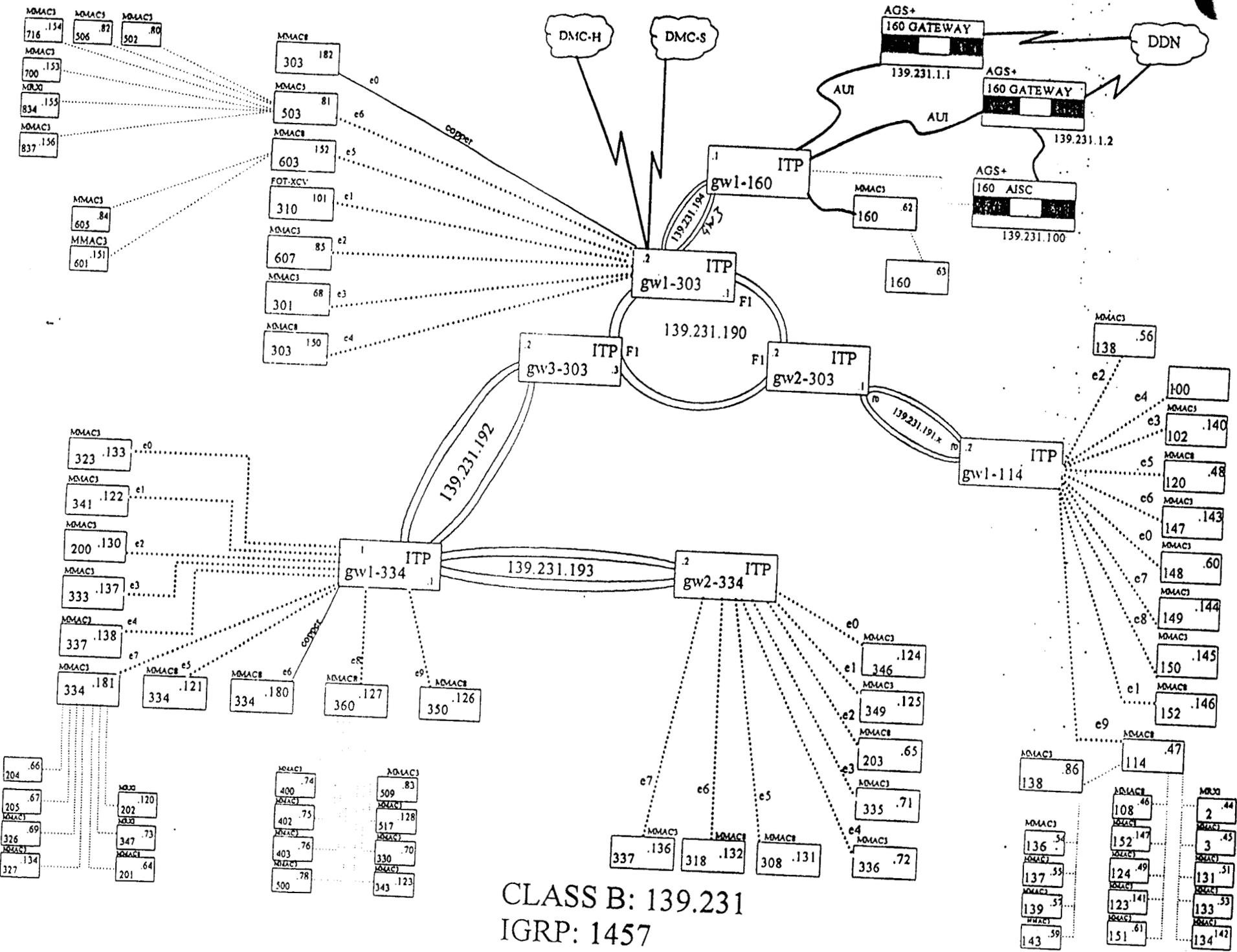
Our food services advisor confirmed that a new facility would be required to serve the additional USAISC military at Fort Detrick. Based on the cost of a comparable facility just completed at Fort Rucker, the construction cost would be approximately \$2.6 M. Added to the administrative and barracks requirement, construction would result in construction costs of almost \$10 million at Fort Detrick. By comparison, no construction would be required at Fort Ritchie. All required facilities are currently in place at Fort Ritchie. The Fort Ritchie dining facility currently has the expandable capacity to easily serve all of these personnel.

Other recurring additional costs-Dining contract. The additional food service cost at Fort Detrick is based upon an estimated 95 additional meal cards that would be issued for the USAISC and Site R MP military personnel. Based upon the current full service dining facility contract at Fort Detrick, each additional meal served would cost \$6.50 per person. Extending this for 3 meals/day for 365 days equates to \$676K. $(\$6.50 \times 3 \text{ meals/day} \times 365 \text{ days} \times 95 \text{ military meal cards}) = \$676K$

MAJOR COMPONENTS OF FORT RITCHIE LOCAL AREA NETWORK:

<u>ITEM</u>	<u>QUANTITY</u>
MultiMedia Access Center - Small (MMAC-3)	40
MultiMedia Access Center - Large (MMAC-8)	11
Comm Cards for MMAC-3 & MMAC-8	59
Intelligent Repeater Module	43
Intelligent Repeater Bridge Module	9
10Base-T & Fiber Optic Tranceivers	185
Asynchronous Terminal Server	103
Cable, Fiber Optic, 36 Strand	12000FT
Cable, Fiber Optic, 6 Strand	30000FT
Gateway/Router	7
Departmental File Server	11
Network Management Terminal	1

FT. RITCHIE LAN INFRASTRUCTURE



CLASS B: 139.231
IGRP: 1457

AR 5-10

-Notations to be kept

MOU Vol 94

Policy Memo on Space
neg.

FAX for Charlotte

475-7574

PROPOSED REALIGNMENT OF FORT RITCHIE BASED USAISC ACTIVITIES UNDER BRAC 95 (FY 96 AUTHORIZATIONS)

Organization	<u>Ft Ritchie</u>					<u>Site R/Site C</u>					<u>Ft Detrick</u>					<u>Ft Huachuca</u>				
	Off	WO	Enl	Civ	Tot	Off	WO	Enl	Civ	Tot	Off	WO	Enl	Civ	Tot	Off	WO	Enl	Civ	Tot
<u>1108th Sig Bde (W4OU)</u>																				
Present	5	1	14	65	85															
Proposed											5	1	14	65	85					
<u>1111th Sig Bn (W35T)</u>																				
Present	0	0	31	2	33	5	2	284	63	354										
Proposed *						5	2	284	63	354	0	0	31	2	33					
<u>Mgt Engr Act-ISC (W4PB)</u>																				
Present	0	0	3	42	45															
Proposed											0	0	0	8	8	0	0	3	34	37
<u>USAISEC-CONUS (W3HJ)</u>																				
Present	6	0	134	228	368															
Proposed											1	0	44	105	150	5	0	90	123	218
<u>Msn Spt Contractors **</u>																				
Present	0	0	0	0	100															
Proposed											0	0	0	0	62	0	0	0	0	38

of pages: 1
 From: *CHARLIE*
 Dept/Agency: *Code 200*
 FAX TRANSMITTAL
CHARLIE

* Barracks will be located at Ft Detrick for single soldiers who work at Site R/Site C (Ft Ritchie)

** Additionally, there are 51 mission contractor personnel at Ft Ritchie that support DISA.

NOTE: The 32 Enl and 33 Civ Spaces of ISC-Ft Ritchie (DOIM-W285) will be redistributed IAW the BOSSM or saved.

CLOSE HOLD

ANRT-CD
SUBJECT: USAG Fort Ritchie Information to DA TABS Office
Regarding BRAC 95 Assessments

included the internal staffing for verification/validation, and that our information did not agree with the owning MACOM, (i.e., USAISC for our ISC tenants). Another significant factor is that the current TABS office guidance does not recognize DISA requirements as a continuing USAG Fort Ritchie tenant.

c. The MDW BRAC office was previously furnished comments on the USAISC BRAC proposal and a copy of a briefing prepared for you. We do not know if any of the comments were given to the DA TABS office, but it appears that LTC Bornhoff is not aware of the information or does not recognize it as MACOM certified. Based on our conversations with LTC Bornhoff, we will continue to develop further definition of the information which was submitted and answer their questions. The additional explanation and definition of requirements will be forwarded to the MDW BRAC office. Our conclusion is that the MDW Commander and the MDW BRAC office needs to become a stronger advocate in coordinating with the DA TABS office on Fort Ritchie issues.

Atch

ROBERT M. BUTT
LTC, IN
Commanding

9 DEC 94

ANRT-CD

INFORMATION PAPER FOR Installation Commander, Department of the
Army, Headquarters Fort Ritchie,
Building 152, Fort Ritchie,
MD 21719-5010

SUBJECT: USAG Fort Ritchie Information to DA TABS Office
Regarding BRAC 95 Assessments

1. PURPOSE. To provide an update on recent requests for BRAC information and response from the DA TABS office.
2. FACTS. On 29 November 1994, Ms. Shaffer received a telephonic request from Ms. Rodriguez, USAMDW BRAC Office, for information on additional costs of moving/relocating equipment of Garrison tenants. The additional costs required would be for special handling or requirements that a regular moving contractor could not handle. Our information was required by 30 November in response to a DA TABS inquiry. The data was to be used by the TABS office in processing the various scenarios through their computer model. In a telephone call with Mr. Shimanski on 30 November, Ms. Rodriguez clarified the request and advised us to submit any or all additional costs which we were aware of.
 - a. Mr. Shimanski and Mr. Pearl coordinated the action to verbally solicit input from tenants. Tenants contacted included DISA (Mr. Callahan), TAO (Mr. Chwalek, Mr. Bowders), USAISC-ISEC (Ms. Fouke), and the DOIM (Mr. Hawkins). From requirements identified by tenants or taken from the previous USAISC proposal, data on additional construction costs was developed by the DPW (Mr. Mulligan). Attachment 1 is a list of requirements and costs which were developed and submitted by FAX to the MDW BRAC office on 30 November.
 - b. In follow-up coordination on 2 December with LTC Bornhoff, Mr. Shimanski was advised that our input was retransmitted from MDW but was not yet processed in the computer model. Several reasons for not using the data were given. A significant reason was that the information was not certified by MDW (although MDW had forwarded our input). Other reasons

Fort Ritchie Additional/Unusual Costs

48,445	Construction Costs (see attached sheet)
.930	TAO Equip/Ckts/Contractor
4.000M	DISA West Hem (Ckts, Power, A/C, Computers)
100K	Transportation Spt Cost (Bus Transport)
1.500M	LAN
4.999M	Dining Facility
3.5 M	MP Admin
3.5 M	Barracks MP
.676K	Dining Contract

\$66.6M

JABS - Contact at OA
Ltc Bornhoff 223-0077
-0078

CONSTRUCTION COSTS

<u>TENANT</u>	<u>SQ FT</u>	<u>\$/SF</u>	<u>COST</u>
DISA WESHEMP	76,000	150	\$11,400,000
GARRISON RESIDUAL			
DPW	20,000	150	3,000,000
DOL	25,000	150	3,750,000
DOC	2,000	150	300,000
ISEC-CONUS	91,900	150	13,785,000
BARRACKS			
ISEC-CONUS	15,000	130	1,950,000
1111TH	31,378	130	4,079,140
SYSTEM MANAGEMENT BRANCH	12,000	150	1,800,000
INFO PROCESSING CENTER	1,260	150	189,000
1108TH SIGNAL BRIGADE	21,431	225	4,821,975
902ND MI	1,164	150	174,000
TECH APPLILCATIONS OFFICE	14,200	225	3,195,000
TOTAL SQ FT	311,333	TOTAL COST	\$48,445,000

For to be signed

1/1/1964

1/1/1964

Document Separator

TABS Team Visit to Installation

Date: Wed, 8 Jun 94 13:56:37 EDT
 From: USAG Resource Mgmt ANRT-RM x5991 <ANRT-RM@ritchie-emh1.army.mil>
 anrt-cp@ritchie-emh1.army.mil, anrt-ca@ritchie-emh1.army.mil,
 anrt-oc@ritchie-emh1.army.mil, anrt-lg@ritchie-emh1.army.mil,
 anrt-op@ritchie-emh1.army.mil, anrt-en@ritchie-emh1.army.mil,
 anrt-rm@ritchie-emh1.army.mil, anrt-ig@ritchie-emh1.army.mil,
 anrt-ir@ritchie-emh1.army.mil, anrt-mp@ritchie-emh1.army.mil,
 anrt-pa@ritchie-emh1.army.mil, anrt-pm@ritchie-emh1.army.mil,
 gunderr@ritchie-emh1.army.mil, anrt-cx@ritchie-emh1.army.mil,
 anrt-cd@ritchie-emh1.army.mil, buttr@ritchie-emh1.army.mil,
 shimanski@ritchie-emh1.army.mil
 cc: uaa@ritchie-emh1.army.mil, cs@ritchie-emh1.army.mil
 Subject: TABS Team Visit

ANRT-RM

8 June 1994

E-MAIL FOR SEE DISTRIBUTION

SUBJECT: Total Army Basing Study (TABS) Team Visit

The TABS Team will visit Fort Ritchie on Thursday, 9 June 1994. Opening comments and a command briefing will be presented in the command conference room, building 152, 1000-1100. Addressees are requested to attend. Not all directors are required to participate after the command briefing. Provided for your information is the visit itinerary for the TABS Team.

/signed/

CHARLES A. PEARL
 Director for Resource Management

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- PMO (anrt-pm)
- SRFM (gunderr)
- ANRT-CX (anrt-cx)
- ANRT-CD (anrt-cd)
- LTC Butt (buttr)
- Mr. Shimanski (shimanski)

CF:
 Installation Commander (BG Essig) (uaa)
 Deputy Installation Commander (COL Williams) (cs)

TABS TEAM FORT RITCHIE INSTALLATION VISIT

BRAC 95

VISIT DATE: 9 June 1994

VISIT ITINERARY: COL Michael Jones TABS
Ms. Christel Hignett TABS
Ms. Charlotte Rodriquez MDW

09:45-10:00 Welcome - Bldg 200 Garrison Headquarters
10:00-10:30 TABS Brief - Bldg 152 Command Conference Room
10:30-11:00 Command Brief - Bldg 152 Command Conference Room
11:00-11:30 Windshield Tour - Installation Fort Ritchie
11:30-12:00 Travel to Site R - Van or Bus
12:00-12:30 Lunch at Granite Cove
12:30-13:15 Operations Briefs and Tour - Site R
13:15-13:45 Facilities Brief and Tour - Site R
13:45-14:30 Return Travel to Post
14:30-15:00 Visit Network Operations Center - Bldg 160
15:00-15:30 DISA Briefing - Bldg 152 Command Conference Room
15:30-16:00 Closing Comments

ANRT-RM

8 June 1994

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Encl

Charles Pearl
CHARLES A. PEARL
Director for Resource Management

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ANRT-CX (anrt-cx)
ANRT-CD (anrt-cd)
LTC Butt (buttr)
Mr. Shimanski (shimanski)

CF:

Installation Commander (BG Essig) (uaa)
Deputy Installation Commander (COL Williams) (cs)

TABS TEAM FORT RITCHIE INSTALLATION VISIT

BRAC 95

VISIT DATE: 9 June 1994

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Ms. Christel Hignett TABS
Ms. Charlotte Rodriguez MDW

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USAG FORT RITCHIE MISSION

**PROVIDE BASE OPERATIONS AND REAL PROPERTY
MAINTENANCE FOR THE GARRISON FORT RITCHIE
INSTALLATION, THE ALTERNATE NATIONAL MILITARY
COMMAND CENTER FACILITY (SITE R), SATELLITE
ACTIVITIES, AND OTHER TENANTS INCLUDING
CAMP DAVID UTILIZING INSTALLATION FACILITIES.**

IMPACT OF FORT RITCHIE

- **FACILITIES**

TOTAL ACREAGE	1,384
TOTAL BUILDING SPACE	1.9M SQ. FT.
TOTAL ADMINISTRATIVE SPACE	0.7M SQ. FT.
PROPERTY VALUE	\$ 63.0M

- **LOCATION**

APPROXIMATELY 70 MILES FROM METRO-WASHINGTON

- **STABLE WORKFORCE**

349 ACTIVE MILITARY, 303 CIVILIANS

- **OPERATING PROGRAMS**

O&M	\$ 40.7M
OTHER SUPPORT PROGRAMS	\$ 24.4M

- **ESTIMATED ECONOMIC IMPACT: \$111.2M**

MARYLAND – FREDERICK & WASHINGTON COUNTY
PENNSYLVANIA – FRANKLIN & ADAMS COUNTY

- **POPULATION SUPPORTED: 11,500**

PRINCIPAL TENANTS OF FT. RITCHIE

DISTRICT 14, DEFENSE INVESTIGATIVE SERVICE
902D MILITARY INTELLIGENCE GROUP RESIDENT OFFICE
U. S. ARMY HEALTH CLINIC
U. S. ARMY DENTAL CLINIC
SPECIAL SECURITY DETACHMENT
ISEC-CONUS
ISC- OA, TAO, BRAC, DOIM, ISC FIELD OFFICE
U.S. ARMY TROOP SUPPORT AGENCY
CAMP DAVID DETACHEMENT
ARMY AND AIR FORCE EXCHANGE SERVICE
DEFENSE FINANCE AND ACCOUNTING SERVICE
1108TH SIGNAL BRIGADE
JOINT COORDINATION CENTER

DISO ORGANIZATIONS

DISO, DEPUTY DIRECTOR FOR SERVICE CENTERS
DISO, ARMY INFORMATION SERVICES CENTER
CORPORATE RESOURCE MANAGEMENT, EAST REGION
HUMAN RESOURCES, ITCE
INTEGRATED MANAGEMENT CENTER (IMC)
DISO, CORPORATE LOGISTICS OFFICE
DISO, CORPORATE SECURITY OFFICE
DITPRO, ACQUISITION ELEMENT
DISO, COMPUTER OPERATIONS, SUPPORT DIRECTORATE

PRINCIPAL TENANTS OF FT. RITCHIE

**DISTRICT 14, DEFENSE INVESTIGATIVE SERVICE
902D MILITARY INTELLIGENCE GROUP RESIDENT OFFICE
U. S. ARMY HEALTH CLINIC
U. S. ARMY DENTAL CLINIC
SPECIAL SECURITY DETACHMENT
U.S. ARMY TROOP SUPPORT AGENCY
CAMP DAVID DETACHMENT
ARMY AND AIR FORCE EXCHANGE SERVICE
DEFENSE FINANCE AND ACCOUNTING SERVICE
JOINT COORDINATION CENTER**

PRINCIPAL TENANTS OF FT. RITCHIE

U.S. ARMY INFORMATION SYSTEMS COMMAND ELEMENTS

ISEC-CONUS

OFFICE OF ACQUISITION

TECHNOLOGY APPLICATIONS OFFICE

BASE REALIGNMENT AND CLOSURE

DIRECTOR OF INFORMATION MANAGEMENT

ISC FIELD OFFICE

1108TH SIGNAL BRIGADE

DISO ELEMENTS

DISO, DEPUTY DIRECTOR FOR SERVICE CENTERS

DISO, ARMY INFORMATION SERVICES CENTER

CORPORATE RESOURCE MANAGEMENT, EAST REGION

HUMAN RESOURCES, ITCE

INTEGRATED MANAGEMENT CENTER

DISO, CORPORATE LOGISTICS OFFICE

DISO, CORPORATE SECURITY OFFICE

DITPRO, ACQUISITION ELEMENT

DISO, COMPUTER OPERATIONS, SUPPORT DIRECTORATE

PRINCIPAL TENANTS OF SITE R

**ALTERNATE NATIONAL MILITARY COMMAND CENTER
4203 OPERATIONAL DATA PROCESSING SQUADRON
OPNAV SUPPORT ACTIVITY DETACHMENT
DEFENSE INTELLIGENCE AGENCY
U.S.A. TMDE SUPPORT CENTER
U.S. AIR FORCE EMERGENCY OPERATIONS CENTER
JOINT INFORMATION SYSTEMS CENTER
1111TH SIGNAL BATTALION
OPERATING LOCATION A, AIR FORCE COMBAT OPERATIONS
STAFF
AIR FORCE WARTIME MANPOWER AND PERSONNEL
READINESS TEAM**

COST OF SPACE

\$5.00 PER SQUARE FOOT

ARMY BRAC 95 INSTALLATION ASSESSMENT

- **AN EXERCISE TO GATHER DATA FOR ASSESSMENT EVALUATIONS. NO PROPOSALS OR DECISIONS HAVE BEEN MADE.**

- **BRAC SCHEDULE**

**PHASE I MAR 94–JUN 94 ARMY EVALUATES ALL ACTIVE
INSTALLATIONS**

MAY 94–JUN 94 MDW MACOM SUBMITS TO DA

**PHASE II JUL 94–FEB 95 DIRECTOR MANAGEMENT
(TABS) ASSESS FEASIBLE BRAC
ALTERNATIVES**

**PHASE III MAR 95–JUL 95 SUBMIT OSD RECOMMENDATIONS
TO BRAC 1995 COMMISSION**

- **GARRISON FORT RITCHIE UNDER MDW MACOM**

Document Separator

Changes to Initial Data Submission

**CHANGES TO
INDIVIDUAL DATA SUBMISSIONS**

HQ, USAG FORT RITCHIE

FACSIMILE TRANSMITTAL HEADER SHEET

COMMAND		NAME OFFICE SYMBOL		TELEPHONE NUMBER
FROM: USAG Fort Ritchie Fort Ritchie, MD		<i>Marty Shaffer</i> ANRT-RM		AUTOVON 277-5055
TO: <i>Hq, MDW</i>		<i>Charlette Rodriguez</i>		<i>335-2061</i>
DATE-TIME <i>10</i>	MONTH <i>Jun</i>	YEAR <i>94</i>	AUTHORIZED RELEASE SIGNATURE <i>Marty Shaffer</i>	
CLASSIFICATION UUUU	NO. PGS <i>14</i>	PRECEDENCE ROUTINE/EXPEDITE		
FACSIMILE NUMBERS:		UNCLASSIFIED VERIFICATION	AUTOVON 277-5335 AUTOVON 277-5981	
REMARKS: <i>These are the changes based on the AAA findings. Have a nice weekend. Marty</i>				

335-7574

Attribute POC/PHONE # Mr. Mulligan Attribute Score See Below
(717) 878-5465
Attribute Certified by _____

CLOSE HOLD

INFRASTRUCTURE

The Raw Score for this attribute is:

WATER:	0.522 Million gallons per day
SEWAGE TREATMENT:	0.500 Million gallons per day
ELECTRICITY:	5,000 KVA.
LAND FILL:	65 Dollars per ton

WATER: A maximum of 522,000 gallons per day is available. Currently, useage is approximately 312,000 gallons per day which yields a reserve capacity of 210,000 gallons per day.

SEWAGE TREATMENT: The maximum capacity of the sewage treatment plant is 500,000 gallons per day as governed by the State of Maryland. The design capacity is 1,000,000 gallons per day. The current useage is 250,000 gallons per day which yields a reserve capacity of 250,000 gallons per day. The sewage treatment plant is owned by the Washington County Sanitary District.

ELECTRICITY: The actual electrical capacity is Kilowatt Hours is not known and can not be calculated. The design capacity of the Electrical distribution system is 5,000 KVA. The current useage is approximately 4,000 KVA which yields a reserve capacity of 1,000 KVA.

LAND FILL: Fort Ritchie has no land fills on the installation. The Trash Collection/Disposal is a CLIN item on the CA maintenance contract. The amount of the CLIN is \$19,977.81 per month. The \$65.00 per ton cost was obtained by phone call to the CA contractor and is the price paid to the Washington Township Landfill.

NOTE:

It should be noted that the above information is for Fort Ritchie only. The Infrastructure capacities for Site "R" are classified and can not be reported. However; there does exist reserve capacity for expansion at Site "R".

CLOSE HOLD

Fort Ritchie BRAC 95

Change 1

Attribute POC/PHONE # Mr. Hofmann Attribute Score 195.7

Attribute Certified by _____

CLOSE HOLD

ENVIRONMENTAL CARRYING CAPACITY

The Raw Score for this attribute is 195.7

FACTOR	WEIGHT	x	SUB SCORE	=	FACTOR SCORE
Archaeology & Historic Buildings	10	x	0.0487	=	0.49
Endangered Species	15	x	0.0	=	0.00
Wetlands	15	x	0.0118	=	0.20
Air Quality	15	x	10.0000	=	150.00
Water Quality	15	x	3.0000	=	45.00
Noise Quality					
Zone II Off Post	10	x	0.0000	=	0.00
Zone III Off Post	15	x	0.0000	=	0.00
Contaminated Sites	5	x	0.0000	=	0.00
<u>Total Raw Score</u>					<u>195.69</u>

CLOSE HOLD
Fort Ritchie BRAC 95

Change 1

Attribute POC/PHONE # Gilbert J. Settlage/5651 Attribute Score 1370
Attribute Certified by JA

CLOSE HOLD

INFORMATION MISSION AREA (IMA)

1. **DEFINITION:** Evaluation of existing IMA systems. The IMA systems to be evaluated are common user Telephone Switching System, Outside Cable Plant, Computers, Telecommunications Center (TCC), Local Area Network (LAN), Defense Data Network (DDN) Node, Video Teleconference (VTC).

2. **PURPOSE:** Evaluate IMA systems on the basis of available capacity, capability for expansion, and technology utilized.

3. **METHODOLOGY:** Utilized a questionnaire completed by the Installation Director of Information Management.

4. **REFERENCES:** Installation data Call. MACOM DCSIM staff validation of installation input.

5. **UNIT OF MEASURE:** As given in the table below.

6. **EQUATION:** A Decision Pad submodel is used.

IMA CATEGORY	SCORING	TOTAL
A. TELEPHONE SWITCHING		
1. Is Main DCOs digital switch? (if analog, go to Category B)	Yes = 5	5
2. Percentage of Fill (Entire digital switch system)	<70%= 5 70-90%= 3 >90%= 1	5
3. Lines (Equipped)	>5,000 = 5 2,500-5,000 = 3 <2,500 = 1	3
4. Lines (Expandable To)	>10,000 = 5 5,000-10,000= 3 < 5,000 = 1	5

CLOSE HOLD

For Ritchie BRAC 95

Change 1

Attribute POC/PHONE # Gilbert J. Settlage/5651 Attribute Score 1370
 Attribute Certified by [Signature]

CLOSE HOLD

IMA CATEGORY	SCORING	TOTAL
	CATEGORY WEIGHT: 25 POINTS X TOTAL	<u>450</u>

**B. OUTSIDE CABLE PLANT
 (IF LEASED, CATEGORY SCORE IS ZERO, GO TO CATEGORY C)**

1. OSCAR Implementation Phase (Choose only 1)	Phase 3 Complete = 5 Phase 2 Complete = 3 Phase 1 Complete = 1	5
2. Cable Type (Choose only 1)	Fiber Backbone (DS3 MUX Rate) = 5 Mixed = 3 Copper = 1	3
3. Percentage of Fill	<50% = 5 50-75% = 3 76-100% = 1	3
	CATEGORY WEIGHT: 20 POINTS X TOTAL	<u>220</u>

C. COMMON USER MAINFRAME SUPPORT

1. Mainframe (Choose 1 only, the highest available technology - equivalent to IBM Model)	IBM 3090 = 5 IBM 4381 = 4 IBM 4341 = 3 IBM 4361 = 2 IBM 4331 = 1	5
2. Total MIPS	> 10 MIPS = 5 7-10 MIPS = 4 4-6 MIPS = 3 1-3 MIPS = 2	4
3. ASIMS	RDC = 5 DPC = 3	3

CLOSE HOLD

Fort Ritchie BRAC 95

Change 1

Attribute POC/PHONE # Gilbert J. Settlege/5651 Attribute Score 1370
 Attribute Certified by [Signature]

CLOSE HOLD

4. E-Mail (Choose 1)	Sperry/MMDF = 5 Other E-Mail = 3 No E-Mail Host = 0	5
5. Front End Processor (FEP)	Yes = 5	5
6. Super Computer	Yes = 5	0
		CATEGORY WEIGHT: 15 POINTS X TOTAL <u>405</u>

7. Common User DASD (Gigabytes)

6+ GB = 5	5
4-6 GB = 3	
1-3 GB = 1	
< 1 GB = 0	

Attribute POC/PHONE # Gilbert J. Settlage/5651 Attribute Score 1370
 Attribute Certified by JH

CLOSE HOLD

D. DSN/DDN Node (Choose 1 only)		
DSN	Yes = 5 ✓	15
MILNET	Yes = 5 ✓	
DISNET	Yes = 5 ✓	
SCINET	Yes = 5	
		CATEGORY WEIGHT: 5 POINTS X TOTAL <u>75</u>
E. Post Wide WAN/LAN		
	Fiber Optic Yes = 5	5
	Other Yes = 3	
		CATEGORY WEIGHT: 15 POINTS X TOTAL <u>75</u>
F. TCC		
1. GENSER (Choose only 1)	AMS, DINAH, or FAST = 5 SRT = 3 DCT9000 or Mod 40 = 2 Courier Svc/Other = 1 None = 0	5
2. DSSCS (Choose only 1)	Assist = 5 DCT9000 or Mod 40 = 3 Courier Svc/Other = 1 None = 0	5
3. AMME or ASC	Yes = 5	5
4. Comm. Secure Processor (CSP)	Yes = 5	5
		CATEGORY WEIGHT: 5 POINTS X TOTAL <u>100</u>

CLOSE HOLD
 Fort Ritchie BRAC 95

Change 1

Attribute POC/PHONE # Gilbert J. Settlage/5651 Attribute Score 1370
Attribute Certified by [Signature]

CLOSE HOLD

G. VTC		
VTC facility	Yes = 3	3
	CATEGORY WEIGHT: 15 POINTS X TOTAL <u>45</u>	
	TOTAL Score	1370

7. ATTRIBUTE SCORING: A Higher number is a better score.

CLOSE HOLD
Fort Ritchie BRAC 95

Change 1

Attribute POC/PHONE # CPT Helmer/277-6342 Attribute Score _____
Attribute Certified by fbt

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MOBILIZATION CAPABILITY
ATTRIBUTE 15

ATTRIBUTE: MOBILIZATION CAPABILITY

ATTRIBUTE DESCRIPTION: HQDA-provided standard.

RAW SCORE:

DATA SOURCE:

Computation: permanent barracks space - 2,660

TOTAL	2,660
-------	-------

Installation No. 24625.

Deployment Network - N/A

Ranges - One, four lane indoor range

One, five lane indoor range

Net Maneuver Acres - N/A

Contiguous Maneuver Acres - N/A

Work Space - Three Motorpool bays

Two electronics work bays (building 837)

FOR OFFICIAL USE ONLY
FORT RITCHIE BRAC 95

Change 1

Attribute POC/PHONE # CPT Helmer/277-6342 Attribute Score _____
Attribute Certified by PB4

FOR OFFICIAL USE ONLY

RESERVE TRAINING
ATTRIBUTE 18

ATTRIBUTE: Reserve Training

ATTRIBUTE DESCRIPTION: HQDA-provided standard

RAW SCORE: To be determined by HQDA

DATA SOURCE: Annual Training (AT) = 61 Personnel
Individual Duty Training (Mandays) - 1,342

* On 16 September 1994, HQDA has approved the establishment of U.S. Army Reserve (ISAR) Units/Detachments at Army Information Processing Centers (AIPC). One of those Detachments will be at FT. Ritchie, MD.

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FORT RITCHIE BRAC 95

Change 1

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CLOSE HOLD

**AUDIT OF THE ARMY BASING STUDY 1995 - FORT RITCHIE
FIELD WORK VERIFICATION SHEET
COMMAND AND CONTROL / ADMINISTRATIVE SUPPORT INSTALLATIONS
AS OF 3 JUNE 1994**

CATEGORY ATTRIBUTES	RESPONSIBLE ACTIVITY			DATA SOURCE	CONSISTENT WITH IA GUIDANCE		INSTALLATION SUBMISSIONS VALUE	USAAA VERIFICATION VALUE	DIFFERENCE	REMARKS
	DA	MACOM	INSTALLATION		YES	NO				
LOCATION: Fort Ritchie										
MANEUVER FACILITIES			X	HQRPLANS (APR 94)	X		55.396	55.396	0	
COST FACTOR	X			Area Cost Factors And Unit Prices						
MOBILIZATION CAPABILITY			X	DA PAM 210-7 For Housing Criteria	X					
Mobilization Billets							2,577	2,660	(83)	Note 4
Payment Network							N/A	N/A		
Spaces							2 indoor (8 lanes)	2 indoor (9 lanes)	(1)	Note 5
Maneuver Acres							N/A	N/A		
Aquatic Maneuver Acres							N/A	N/A		
Space							3 motorpool bays	3 motorpool bays	0	
PERMANENT FACILITIES			X	HQRPLANS (APR 94)	X		594.902	594.902	0	
PERMANENT FACILITIES	0		X	HQRPLANS (APR 94)	X		87 1/2	87 1/2	0	
TRAINING			X	Training Data Documented by Director of RCS		X				
Annual Training (Number of Personnel)							65	61	4	Note 6
Individual Duty Training (Mandays)							2,340	1,342	998	Note 6
STORAGE FACILITIES			X	HQRPLANS (APR 94)	X		95.945	95.945	0	
TABLES	X			1994 UHA TABLES						

CPT Halman
CPT Johnson

Personnel didn't include one instance (Nov. 91) when Fort Ritchie exceeded NPDES parameters.

Computation error in determining category weights.

Typographical error.

Computation error in determining spaces for mobilization billets.

Fort Ritchie reported one indoor range with four lanes for the National Guard Armory. The blueprints for the Armory showed one indoor range with five lanes.

BRAC guidance required installations to compute a three-year average (FYs 91 - 93) for annual training. Since actual training records weren't available and few reservists were trained, Fort Ritchie reported annual training for 65 reservists programmed for FY 95. The State of Maryland Military Department confirmed that 61 reservists (not 65) were scheduled to train at Fort Ritchie in FY 95. The 61 reservists are scheduled to train for 1,342 mandays (61 x 22 days/yr.).

CLOSE HOLD

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CLOSE HOLD

AUDIT OF THE ARMY BASING STUDY 1995 - FORT RITCHIE
 FIELD WORK VERIFICATION SHEET
 COMMAND AND CONTROL / ADMINISTRATIVE SUPPORT INSTALLATIONS
 AS OF 3 JUNE 1994

CATEGORY ATTRIBUTES	RESPONSIBLE ACTIVITY			DATA SOURCE	CONSISTENT WITH IA GUIDANCE		INSTALLATION SUBMISSIONS VALUE	USAAA VERIFICATION VALUE	DIFFERENCE	REMARKS
	INSTALLATION: Fort Ritchie	DA	MACOM		INSTALLATION	YES				
ACCESSIBILITY			X	Installation Travel Records FY 93	X					
Average Miles-Fort Ritchie Garrison							56.5	56.5	0	
Average Miles-Garrison and Tenants							66	66	0	
AVERAGE AGE OF FACILITIES			X	HQRPLANS (APR 94)	X		41.48	41.48	0	
BARACKS (UPH) AND FAMILY HOUSING			X	HQRPLANS (APR 94), AR 415-15, AR 210-50	X		2,937	2,937	0	
BASIS/MISSION POPULATION		X		STANFINS 218 Report						
BUILDABLE ACRES			X	Installation Analysis of Master Plan	X		255	255	0	
COST OF LIVING INDEX	X			ACCRA Cost of Living Index, 1993						
ENCROACHMENT	X			1990 Summary of Population & Housing Statistics						
ENVIRONMENTAL CARRYING CAPACITY			X	See Factors	X					
Archaeology & Historic Buildings							0.49	0.49	0	
Endangered Species							0	0	0	
Wetlands							0.2	0.2	0	
Air Quality							150	150	0	
Water Quality							30	45	(15)	Note 1
Noise Quality										
Zone II Off Post							0	0	0	
Zone III Off Post							0	0	0	
Contaminated Sites							0	0	0	
Total Raw Score							180.7	195.7	(15)	
FAMILY HOUSING COST PER DU			X	HQRPLANS (APR 94)	X		\$8,918.72	\$8,918.72	0	

Bill Hoffman

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CLOSE HOLD

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CLOSE HOLD

**audit of the Army Basing Study 1995 - Fort Ritchie
 Field Work Verification Sheet
 Command and Control / Administrative Support Installations
 AS of 3 June 1994**

CATEGORY ATTRIBUTES	RESPONSIBLE ACTIVITY	DATA SOURCE		INSTALLATION	USAA	DIFFERENCE	REMARKS
		YES	NO				
CONSISTENT WITH	IA GUIDANCE				INSTALLATION		
USAA	VERIFICATION				VALUE		

MISSION AREA	Telephone Switching	Main DCOS digital switch	Percentage of fill	Lines (Equipped)	Lines (Expandable To)	Category Height A.	25 points x Total (25 x 18)	Outside Cable Plant	OSCAR Implementation Phase	Cable Type	Percentage of fill	Category Height B.	20 points x Total (20 x 11)	Common User Mainframe Support	Mainframe	Total MIPS	ASIMS	E-Mail	Front End Processor	Super Computer	Common User DASD (Gigabytes)	Category Height C.	
X	X																						
Installation Data Call																							
			5	5	3	5	450																
			0	0	0	0																	
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HQ, USAG FORT RITCHIE

FACSIMILE TRANSMITTAL HEADER SHEET

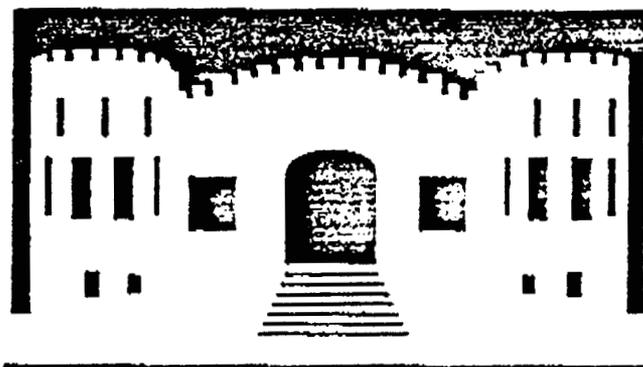
COMMAND		NAME OFFICE SYMBOL		TELEPHONE NUMBER
FROM: USAG Fort Ritchie Fort Ritchie, MD		<i>Marty Shaffer</i> ANRT-RM		AUTOVON 277-5055
TO: <i>Hq, MDW</i>		<i>Charlotte Rodriguez</i>		<i>335-2061</i>
DATE-TIME <i># 29</i>	MONTH <i>Jun</i>	YEAR <i>94</i>	AUTHORIZED RELEASE SIGNATURE <i>Marty Shaffer</i>	
CLASSIFICATION UUUU	NO. PGS <i>11 + header</i>		PRECEDENCE ROUTINE/EXPEDITE	
FACSIMILE NUMBERS:		UNCLASSIFIED VERIFICATION	AUTOVON 277-5335 AUTOVON 277-5981	
REMARKS: <i>Hope this is satisfactory! Again!</i>				

335-7574

Building Number	Date Built	Category
838	1974	V
* 860	1940	II
lower lake & dam	various	II
upper lake & dam	various	II
main gate & wall	c1930	I
secondary gates	d1930	I
parade ground	1926	I
guard shacks at gates	modern	V

* STONE

TOTAL STONE BUILDINGS = 68
 (as of 14 JUN 94)



FORT RITCHIE



ANNEX TO REAL PROPERTY MASTER PLAN

DRAFT

CULTURAL RESOURCES MANAGEMENT PLAN

AND

HISTORIC PROPERTY REHABILITATION GUIDELINES



VOLUME I

April 1994

Attribute POC/PHONE # Mr. Hofmann Attribute Score 195.7
Attribute Certified by _____

CLOSE HOLD

ENVIRONMENTAL CARRYING CAPACITY

The Raw Score for this attribute is 195.7

FACTOR	WEIGHT	x	SUB SCORE	=	FACTOR SCORE
Archaeology & Historic Buildings	10	x	0.0487	=	0.49
Endangered Species	15	x	0.0	=	0.00
Wetlands	15	x	0.0118	=	0.20
Air Quality	15	x	10.0000	=	150.00
Water Quality	15	x	3.0000	=	45.00
Noise Quality					
Zone II Off Post	10	x	0.0000	=	0.00
Zone III Off Post	15	x	0.0000	=	0.00
Contaminated Sites	5	x	0.0000	=	0.00
Total Raw Score					195.69

CLOSE HOLD
Fort Ritchie BRAC 95

Change 1

immediately to the west of Fort Ritchie are generally similar to those in the two clusters to the east of Fort Ritchie. They also date to the Archaic and Woodland Periods and can be categorized as hunting stations, campsites, and/or lithic raw material procurement sites. As is the case with the eastern site-clusters, Maryland's State Historic Preservation Office believes that none of the sites is currently potentially eligible for listing on the National Register of Historic Places.

Known Archeological Sites at Fort Ritchie. Previous archeological research has revealed the presence of two prehistoric archeological sites are known to exist at Fort Ritchie. Designated 18-Wa-271 and 18-Wa-270, they are located at the southwestern end of Lake Royer, and are partially submerged by this artificial lake at its present level. Both sites were located in close proximity to the small creek whose headwaters lay in the wetland at the southwestern end of Fort Ritchie. More detailed information on the sites' locations is available in the Maryland Historic Trust's archeological site file.

Site 18-WA-271 is reported to be a possible hunting or other short-term camp of unknown age and undetermined size. It is located on the southwest side of Lake Royer and is partially inundated by the lake. Approximately 30 rhyolite, chert, and quartzite flakes and tools were observed in the lake bed during a draw down and in the roughly 15- by 30-foot clear area of the adjacent volleyball court. Site 18-Wa-270 is reported to be a Middle and Late Woodland hunting or other short-term camp site at the southeastern edge of Lake Royer. Artifacts observed included chert and rhyolite scrapers, bifaces, and flakes with the greatest concentration being at the water's edge. The site is reported to be 60 to 90 percent destroyed through erosion. Any additional undiscovered prehistoric archeological sites at Fort Ritchie are most likely to be found in this same general area, that is near the course of the former creek, a natural drainage which was dammed to create Lake Royer and Lake Wastler (the upper lake).

6.3.2 Historic Properties

The above-ground field survey located and documented all 270 resources that are at Fort Ritchie (Appendix VIII and Appendix IX). Of those, 143 were built in 1950 or after (Appendix IV). Of the remaining 127 resources, 111 are located within a potential Fort Ritchie Historic District. That district is designed to include all of the pre-1945 buildings, structures, and sites on the Post (Appendix V and Appendix IX). Because of new construction within the bounds of the historic district, there is a total of 128 resources within its bounds, (111 potentially significant historic properties and 17 that do not contribute to the significance of the historic district). In addition 16 resources were constructed prior to 1945, but are not included within the bounds of the historic district. These are minor buildings that do not significantly illustrate the history and architecture of Fort Ritchie.

6.4 EVALUATION OF CULTURAL RESOURCES AND NATIONAL REGISTER OF HISTORIC PLACES STATUS

6.4.1 Archeological Properties

There are two archeological resources located within the bounds of the Fort Ritchie Historic District, but neither contributes to the significance of the District. They are related to the prehistoric Native American use of the Fort Ritchie vicinity and, while they might be eligible under that theme, they have not been fully tested and evaluated, as would be required for an eligibility determination.

6.4.2 Historic Properties

The Fort Ritchie Historic District is potentially eligible for listing on the National Register of Historic Places because of its association with the history and development of Fort Ritchie. That history has evolved through several distinct phases. The first

phase is the establishment of the Post in 1926 as Camp Ritchie of the Maryland National Guard. The next phase was the use of the camp by the U.S. Army during World War II. The third phase was the incorporation of Camp Ritchie into the U.S. Department of Defense as Fort Ritchie and its role during the Cold War. The last and most recent historical phase at Fort Ritchie is its mission in the post-Cold War Era.

The physical resources within the bounds of the Fort Ritchie Historic District all illustrate that history. In addition to the historic theme of military preparedness and training, some of the buildings on the Post also have significance from an architectural perspective. Those are the Headquarters Building (200), the Finger Buildings (104-122 and 305-322), and the Main Gate, Secondary Gates, and the Stone Wall. The Headquarters Building and the Gates and Stone Wall are all constructed in the castellated style. While this style is often associated with military construction projects in the United States, its use at Fort Ritchie represents a very late and unusual use of the style in this country. By 1926, the castellated style had gone out of fashion for military construction projects within the U.S. Army and for National Guard facilities along the east coast of the U.S. Its use in Maryland reflects a preference within the command structure of the Maryland National Guard for the castellated style.

Within the bounds of the Fort Ritchie Historic District there are several resources that might appear to not be directly related to the history of Fort Ritchie. These are the two lakes and their dams and the senior officer's housing units 710 and 004. Although these four resources all predate the creation of Fort Ritchie in 1926, their present appearance and their history since 1926 directly contribute to the history of the Post.

For instance, the lakes and their dams have been renovated several times and their presence within the Post has had a dramatic effect on the design and layout of the Post. The senior officer's housing units were built as civilian dwellings and later converted to military use. Unit 710 has been expanded by the military on at least one occasion. Unit 004 was the long-time home of Major Barrick, the Post Commander and Engineer. He

those buildings so that reflect their military use as well as their civilian origins. It is also important to remember that, although these buildings have been somewhat altered over time, their grouping as part of a potential historic district overshadows any changes that might have been made in the original buildings. The adjective "modern" is used on building forms to indicate a construction date for any building or structure that is after 1950. The term is not applicable to the original National Guard structures.

Under the criteria for evaluation developed by the National Register of Historic Places and by the Maryland Historical Trust, any building located within the bounds of a potential historic district that was constructed during the period of significance should be considered as a contributing element of that historic district. Accordingly, building a building such as B413 is considered a contributing element of the potential Fort Ritchie Historic District because it falls within the district's period of significance. However, it is a minor element of that district and is not to be considered a major building. If changes to or removal of such a building are planned, the 106 process of consultation with the Maryland Historical Trust would be required even if the building were a newly constructed building because it is located within the potential Fort Ritchie Historic District. Therefore your options with regard to this building are no more or less than if the building were not a contributing element to the potential historic district.

The potential Fort Ritchie historic district is based on a survey of all of the extant buildings at the post at the time of the survey. Therefore, these wooden barracks must be included as contributing elements of the potential historic district. However, the Post has already fulfilled its responsibilities to the historic preservation regulations for these buildings because the Post has already initiated consultation with the Maryland Historical Trust on these buildings and because there is a nationwide agreement that this class of World War II era building may be removed because the Department of Defense has made arrangements to preserve appropriate examples of these buildings at other facilities. Based on that chain of events, Fort Ritchie has approval from the Maryland Historical

was responsible for the design and construction of most of the pre-1945 buildings and structures on the Post.

AR 420-40 directs that all cultural resources on a military facility be organized by categories of significance. Those categories are:

- Category I -major importance;
- Category II - importance;
- Category III - minor importance;
- Category IV - little or no importance;
- Category V - detrimental.

Appendix V shows those category designations for all of the resources located within the bounds of the Fort Ritchie Historic District. Those outside of the district are Category IV. None of those would be Category V because they are outside of the already identified Fort Ritchie Historic District.

Contained within the historic district are few Category I buildings. Those are the headquarters building, the finger buildings, Lakeside Hall, the main and secondary gates, and the stone walls. Most of the remaining resources within the historic district are Category II. The only exceptions are Category V (new buildings), and Category III (minor buildings).

The building and architect for the buildings at Fort Ritchie is listed as a combination of the Maryland National Guard and the U.S. Army. Although the National Guard did most of the original construction of the buildings, the U.S. Army has altered each of them to such an extent that they are also considered to have been a creator of the current appearance of each of those buildings. The same is true for those few buildings that were standing prior to the establishment of the Maryland National Guard training base. Both the National Guard and the U.S. Army have altered each of

**U.S. ARMY GARRISON FORT RITCHIE
FORT RITCHIE, MARYLAND**

Buildings and Structures Within bounds of Potential Fort Ritchie Historic District

Building Number	Date Built	Category
2	1943	II
3	1943	III
* 4	1920	II
5	1943	III
* 11	1933	I
12	modern	V
13	modern	V
100	1943	II
* 101	1934	III
* 102	1933	III
* 104	1934	I
* 105	1934	I
* 106	1934	I
* 107	1934	I
* 108	1934	I
* 109	1934	I
* 110	1934	I
* 111	1934	I
* 112	1934	I
* 113	1966	V
* 114	1934	I
* 115	1934	I
* 116	1934	I
* 117	1934	I
* 118	1934	I
* 119	1934	I
* 120	1934	I
* 121	1934	I
* 122	1934	II
* 123	1934	II
* 124	1934	II
* 130	1934	II
131	1943	II
132	1943	II
133	1943	II
134	1943	II
135	1943	II

* Stone

Trust and the Advisory Council on Historic Preservation to proceed with the removal of these buildings.

Building Number	Date Built	Category
136	1943	II
137	1943	II
138	1943	II
139	1943	II
140	1943	III
* 141	1934	II
143	1943	II
144	1943	II
147	1943	II
148	1943	II
149	1943	II
* 150	1934	II
151	1988	V
152	1988	V
* 154	1934	II
155	1914	II
156	1960	V
* 160	1934	II
161	1933	II
162	1933	II
* 200	1933	I
* 201	1933	II
* 202	1933	II
203	1942	II
* 204	1933	II
* 205	1934	II
* 206	1934	II
* 301	1934	II
302	1943	II
303	1953	V
304	modern	V
* 305	1934	I
* 306	1934	I
* 307	1934	I
* 308	1934	I
* 309	1934	I
* 310	1934	I
* 311	1934	I
* 312	1934	I
* 313	1934	I
* 314	1934	I

* STONE

Building Number	Date Built	Category
* 315	1934	I
* 316	1934	I
* 317	1934	I
* 318	1934	I
* 319	1934	I
* 320	1934	I
* 321	1934	I
* 322	1934	I
323, 324, 325 → * 326	1943	II
→ 327	1943	II
329 → * 330	1943	II
331 → 333	1943	II
334	1943	II
335	1943	II
336	1943	II
337	1943	II
341	1964	V
* 343	1934	II
346	1943	II
347	1984	V
349	1943	II
350	1950	V
* 360	1934	II
* 401	1934	II
502	1943	II
* 504	1943	II
* 601	1933	II
602	1933	II
* 603	1933	II
604	1956	V
605	1933	II
606	1943	II
607	1990	V
* 700	1933	II
* 710	1943	II
* 711	1933	III
* 716	1933	II
718	modern	V
809	1961	V
811	1943	II
825	1943	II
834	1943	II
835, 836 → 837	1975	V

* STONE

Document Separator

Data Call 3 = Environmental Baseline

DATA CALL 3



REPLY TO
ATTENTION OF

ANRT-CG

DEPARTMENT OF THE ARMY
HEADQUARTERS, U.S. ARMY GARRISON FORT RITCHIE
FORT RITCHIE, MARYLAND 21719-5010



2 JUN 1994

MEMORANDUM FOR Commander, U.S. Army Military District of
Washington, ATTN: ANEN-RO, Fort Lesley J.
McNair, Washington, DC 20319-5050

SUBJECT: BRAC 95 Installation Environmental Baseline Survey
(Data Call 3)

1. Reference memorandum, USAMDW, ANCG, 18 Apr 94, SAB.
2. I am submitting the enclosed Fort Ritchie Installation Environmental Baseline Survey as requested in the above reference.
3. This information was developed from Garrison DPW data base files and facility records. The information is accurate and complete to the best of my knowledge and belief.
4. Points of contact are Mr. Pearl and Ms. Shaffer, ANRT-RM, DSN 277-4373.

Encl


FREDERICK H. ESSIG *Col SC C/S*
Brigadier General, USA
Commanding



REPLY TO
ATTENTION OF

ANRT-CD

DEPARTMENT OF THE ARMY
HEADQUARTERS, U.S. ARMY GARRISON FORT RITCHIE
FORT RITCHIE, MARYLAND 21719-5010



2 JUN 1994

MEMORANDUM FOR Installation Commander, Department of the Army,
Headquarters Fort Ritchie, Building 152,
Fort Ritchie, MD 21719-5010

SUBJECT: SIGNATURE ACTION--Fort Ritchie BRAC 95 Submission

1. Purpose. To obtain the Installation Commander's signature on memorandum and release of Installation Environmental Baseline Survey (Data Call 3) to MDW at TAB A.

2. Discussion.

a. In compliance with the Base Closure Realignment Act of 1990, the Department of Defense and the Army will complete a final round of installation reviews as BRAC 95. All active Army installations are included in the assessment for the BRAC 95 review to be completed by the following schedule:

Phase I Mar 94 - Jun 94 Army will evaluate installations.

Phase II Jul 94 - Feb 95 Director Management (TAB B)
assess feasible BRAC alternatives.

Phase III Mar 94 - Jul 95 Submit OSD BRAC recommendations to 1995 Commission.

b. Fort Ritchie will be included as a U.S. Army MDW installation in the BRAC 95 review and has received Data Call taskings to provide information and data. Tasks consist of: Installation Attribute Assessments due to MDW 13 May, Installation Assessment Narrative due 27 May, and Installation Environmental Baseline Survey due 3 June. The information submitted for each part of our response to MDW is to be transmitted by memorandum with signature of the Installation Commander to certify accuracy of the data.

c. Attribute Assessments and Narrative packages have been completed and submitted to MDW by previous suspense and transmittal action. This action provides transmittal of the Environmental Baseline Survey portion of the tasking. Information and supporting data has been completed by the Garrison DPW and is provided at TAB B.

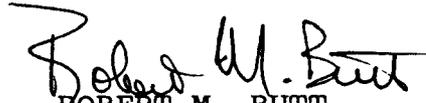
ANRT-CD

SUBJECT: SIGNATURE ACTION--Fort Ritchie BRAC 95 Submission

3. Recommendation. That the Installation Commander sign the transmittal memorandum at TAB A.

2 Encls

1. TAB A--Memo for CG sign
2. TAB B--Baseline Survey



ROBERT M. BUTT

LTC, IN
Commanding



REPLY TO
ATTENTION OF

ANRT-CD

DEPARTMENT OF THE ARMY
HEADQUARTERS, U.S. ARMY GARRISON FORT RITCHIE
FORT RITCHIE, MARYLAND 21719-5010



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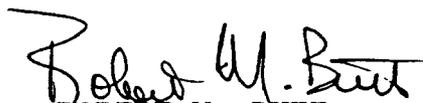
ANRT-CD

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2 Encls

1. TAB A--Memo for CG sign
2. TAB B--Baseline Survey



ROBERT M. BUTT
LTC, IN
Commanding



REPLY TO
ATTENTION OF

ANRT-CG

DEPARTMENT OF THE ARMY
HEADQUARTERS, U.S. ARMY GARRISON FORT RITCHIE
FORT RITCHIE, MARYLAND 21719-5010



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4. Points of contact are Mr. Pearl and Ms. Shaffer, ANRT-RM, DSN 277-4373.

Encl

FREDERICK H. ESSIG
Brigadier General, USA
Commanding

CLOSE HOLD

BRAC 95 INSTALLATION ENVIRONMENTAL BASELINE SURVEY

(Identifying the Constraints and Capabilities of an Installation's Carrying Capacity)

INSTALLATION NAME [FORT] RITCHIE

1. LAND USE:

A. Land Availability (estimate in acres).

(Note: Provide the following, 1.a. (1) should equal the sum total of 1.a. (2) through 1.a. (8))

(1) Installation total	638
(2) Cantonment area	212
(3) Maneuver area	0
(4) Training lands	0

(Training lands designated as sensitive / marginal by ITAMS / LCTA monitoring)

(5) Firing Ranges	0
(6) Non-Impact Firing Range	0
(7) Wetlands Sec 404 area	16

(Indicate if wetland acreage includes surface water acreage, and if restricted areas include Firing Ranges and Non-Impact Firing Ranges). No surface water acreage.

(8) Other Lakes (25), Recreation (99), Forest (286)

(Surface water areas; set aside unique areas, i.e., recreation habitat, forests, restricted use areas such as landfills, contaminated sites, safety zones). Provide a separate listing indicating use.

B. Air Space

(1) Restricted Use Airspace	29.3
(2) ICUZ / NAPZ	0

(Indicate the extent ICUZ / NAPZ Zones II & III from installation ICUZ)

2. THREATENED OR ENDANGERED SPECIES (PLANTS AND / OR ANIMALS):

a. Indicate if a survey for Federally listed and candidate TES has been conducted.

[YES] [NO] YES

(1) If yes, identify agency that performed the survey, (i.e., Nature Conservancy, State Heritage Office, etc).

(2) Provide the report date and title. Floristic - Center For The Ecological Management of Military Land. Animal - Shippensburg University. N/A, Reports in progress.

b. Within the context of the current installation mission, has a Biological Assessment been completed for all ES found to occur on the installation?

[YES] [NO] NO

CLOSE HOLD

CLOSE HOLD

BRAC 95 INSTALLATION ENVIRONMENTAL BASELINE SURVEY

(Identifying the Constraints and Capabilities of an Installation's Carrying Capacity)

INSTALLATION NAME [FORT] RITCHIE

(1) If yes, provide the report date and title. N/A

c. Indicate if the US Fish and Wildlife Service (USFWS) rendered a Biological Opinion on the impact of the mission on the continued existence of all TES occurring on the installation.

[YES] [NO] NO

(1) If Yes, provide date of the Opinion. N/A

(2) Indicate if the Opinion status was JEOPARDY or NO- JEOPARDY. N/A

(3) If No, outline the current status of consultation with USFWS. N/A

d. Describe constraints (if any) that are imposed on installation development and operations resulting from compliance with the provisions of USFWS Biological Opinion(s). N/A

(1) Indicate if TES populations are increasing, declining or stabilized. N/A

e. If no TES occur on the installation, however, a portion of the installation has been designated as TES critical habitat, describe the operational limitations imposed by such designation. N/A

f. Label habitats / species locations on Map and submit as Attachment to IEBS. N/A

3. CULTURAL RESOURCES:

a. Indicate if the installation has a Historic Preservation Plan or Cultural Resources Management plan.

[YES] [NO] YES

(1) If yes, indicate if the plan has been reviewed by the State Historic Preservation Officer (SHPO) and the Advisory Council on Historic Preservation (ACHP).

[YES] [NO] YES - In Progress

b. Indicate if the installation has obtained the comments of the SHPO and ACHP for undertakings not included in the plan that may have an effect on a historic property

[YES] [NO] YES

c. Has a historic building survey been completed for the installation?

[YES] [NO] YES

CLOSE HOLD

CLOSE HOLD

BRAC 95 INSTALLATION ENVIRONMENTAL BASELINE SURVEY

(Identifying the Constraints and Capabilities of an Installation's Carrying Capacity)

INSTALLATION NAME [FORT] RITCHIE

(1) If yes, what is the total number of Family Housing, barracks or other buildings eligible for or listed on the National Register of Historic Places. **64 Stone Buildings**

(2) Indicate the number of these buildings in substandard condition, number requiring extensive renovation (such as major structural components or stabilization). **NONE**

(3) Provide the estimated cost for total renovation. **\$ 0.00**

d. Indicate if an archeological survey of the installation been completed.

[YES] [NO] **NO**

(1) If yes, provide the total number of acres surveyed. **N/A**

(2) Indicate the number of potentially eligible sites. **1 - Identified as a potential site to the Maryland Historic Trust during contract to dredge lake in 1981.**

(3) Indicate if there currently storage or curation of archeological artifacts and associated records at installation. **NO**

e. Identify and describe any restrictions to development or operations resulting from agreements, consultations or management plans. N/A

(1) Indicate the total acreage not available for development or operations because of cultural resource limitations. (refer to question 1.a.(4)). **N/A**

f. Provide information on consultations with other interested parties, such as Native Americans, Native Hawaiians or others regarding the management of or access to traditional cultural properties. N/A

(1) Describe limitations to mission development, operations, resulting from such consultations or subsequent agreements. **N/A**

4. INFRASTRUCTURE ISSUES:

A. Potable Water

(1) Describe potable water sources in terms of percentage from wells vs. percentage from surface water.
80% from wells, 20% from surface water

CLOSE HOLD

CLOSE HOLD

BRAC 95 INSTALLATION ENVIRONMENTAL BASELINE SURVEY

(Identifying the Constraints and Capabilities of an Installation's Carrying Capacity)

INSTALLATION NAME [FORT] RITCHIE

(2) Provide the following if groundwater source is used:

- Number of wells 8
- Drawdown rate 31 GPM
- Total pumping capacity (mgd) 0.390 mgd
- Average daily usage (mgd) 0.149
- Describe excess capacity Fort Ritchie has applied for a permit to allow an average daily use of 0.250 mgd and peak of 0.350 mgd. This exceeds our current average usage by 0.101 mgd, and peak month by 0.169 mgd.

(3) Provide the following if surface water is used: Design Capacity - 0.300mgd, Average daily - 0.100 mgd

- Describe design capacity (mgd) of plant and average daily usage Spring#2 (Not sent through plant) 0.084
- Describe age of each system and note problems with life expectancy Modifications to the plant will be completed 9-94, Life expectancy 50 years.

(4) If water source is via a commercial contract provide: N/A

- Contracted amount
- Contractor information
- Maximum capacity and average daily usage
- Indicate any restrictions to expansion of capacity

(5) Describe any known or potential sources of contamination that may jeopardize the capacity of the potable water source. NONE

B. Wastewater.

(1) Provide the following information:

- Maximum design capacity 1.0 mgd w/Fort Ritchie max set at 0.7 mgd
- Average daily usage 0.35 mgd w/Fort Ritchie using 0.25 mgd
- Life expectancy (upgrade requirements) New plant constructed in 1982. Estimate 50 year life w/partial upgrade expected in 2002. Fort Ritchie liable for 70% of cost.

(2) Provide relevant information from 4.a. where applicable to industrial wastewater plants.

N/A

(3) If via a commercial contract provide:

- Contracted amount 0.7 mgd (70% of design capacity)
- Contractor information Washington County Sanitary District owns plant.
- Maximum capacity and average daily usage 1.0 mgd/0.35 mgd
- Indicate any restrictions to expansion of capacity NONE

(4) Indicate if there is a NPDES permit.

[YES] [NO] YES

- Describe any current or potential permit restrictions that would effect increase discharge amounts NONE

CLOSE HOLD

CLOSE HOLD

BRAC 95 INSTALLATION ENVIRONMENTAL BASELINE SURVEY

(Identifying the Constraints and Capabilities of an Installation's Carrying Capacity)

INSTALLATION NAME [FORT] RITCHIE

(5) Describe any known or potential constraint to maintaining or expanding wastewater treatment and discharge (i.e., proposed state regulations, new non-Army discharge into shared discharge waters which may limit discharge). NONE

C. Solid Wastes

(1) Landfills that do not meet RCRA requirements were required to close October, 1993. If applicable provide details on any impacts to the installation. N/A

(2) Provide the following for installation owned landfills: N/A

- Size in acres
- Indicate location on Map and submit as Attachment to IEBS
- Total remaining capacity in tons
- Estimated useable life remaining (yrs)

(3) Provide the following for on-site land disposal: N/A

- Indicate if there is adequate space to support future landfill needs
- Describe constraints on increasing landfill size and operations.

(4) If via a commercial contract provide:

- Total contract value \$ 239,733.72
- Contractor information ColeJon Mechanical Corp., 13836 Union Avenue, Cleveland, OH 44120
- Average daily volume (tons) 10.25
- Cost per ton \$ 65.00
- Indicate if any limitations on increasing the contract quantity (if & when required) NONE

5. AIR QUALITY:

a. Indicate the designated federal, state, and/or local Air Quality Region in which the installation is located and what agency regulates that district. Maryland Department of the Environment .
Northeast Ozone, Transport Region.

b. Indicate if the EPA has designated the air quality control area in which your installation is located as a maintenance or non-attainment area for any of the six criteria air pollutants (ozone, carbon monoxide, particulate matter (PM 10), sulfur dioxide, nitrogen dioxide, lead).

[YES] [NO] YES

(1). If installation is in a maintenance area, identify the regulated pollutant(s).

OZONE

CLOSE HOLD

CLOSE HOLD

BRAC 95 INSTALLATION ENVIRONMENTAL BASELINE SURVEY

(Identifying the Constraints and Capabilities of an Installation's Carrying Capacity)

INSTALLATION NAME [FORT] RITCHIE

(2). If the installation is in a non-attainment area, identify the pollutant(s) and the degree of severity as [marginal], [moderate], [serious], [severe], or [extreme].

Moderate ozone non-attainment

c. If in non-attainment status, provide details on source of violation.

Not in violation.

d. Describe the air pollution sources on the installation (i.e., controlled underbrush burnings ?, powerhouse ?, incinerator ?, vehicle training ?, traffic ?, accidental fires ?). Individual building heating systems, vehicle traffic, accidental fires, degreasers, wood working operations.

e. Indicate if a local Air Quality Board (or similar organization) restricted or delayed any on- or off-installation activities due to air quality considerations.

[YES] [NO] NO

(Examples to consider include restrictions to construction permits, restrictions to operating hours for industrial facilities, implementation of High Occupancy Vehicle (HOV) procedures during rush hour, etc.)

f. If activities have been restricted, describe the nature, extent and duration of the restriction.

N/A

g. Indicate if the installation was required to implement emissions reduction through special actions, such as carpooling or emissions credit transfer.

[YES] [NO] NO

h. Indicate if the installation maintains air emission credits.

[YES] [NO] NO

- If yes, indicate how many N/A

- Provide the estimated value of the credits and costs to maintain N/A

i. Provide costs of any major projects identified in the A-106 plan (RCS DD-P&L(SA) 1383 report Fall 93 submittal) to meet / maintain compliance. None for Fort Ritchie.

j. Indicate if there any critical air quality regions (i.e., non-attainment areas, national parks, etc) within 100 kilometers of the installation ?

[YES] [NO] YES

- If yes, provide information Catoclin Park, Gettysburg National Battlefield, Antietam Battlefield. Baltimore and surrounding areas - severe; Washington, D.C. - serious.

6. HAZARDOUS MATERIALS / SITES:

A. Use of Hazardous Materials.

CLOSE HOLD

CLOSE HOLD

BRAC 95 INSTALLATION ENVIRONMENTAL BASELINE SURVEY

(Identifying the Constraints and Capabilities of an Installation's Carrying Capacity)

INSTALLATION NAME [FORT] RITCHIE

(2) If yes, provide:

- Number of contaminated transformers identified 13
- Number replaced 13

D. Underground Storage Tanks (UST).

(1) If applicable, provide the following:

- Number of tanks (indicate active or abandoned) 80 active
- Number tested 71
- Number failed 0
- Number replaced / repaired 71

E. Radioactive Materials and Sources.

(1) Indicate if installation hold Nuclear Regulatory Commission (NRC) or DA licenses for radiological materials. The Environmental Management Division has applied for a Radiation Authorization Permit.

-If yes, list each license describing the type, and purpose of the licensed materials.

XRF (Lead Detection Device) - 40 Microcuries Cobalt source (Half-life of 273 days).

(2) Indicate the level and extent of decommissioning required to relocate the mission or operations supported by the use of radioactive materials (i.e., number of rooms and buildings to be surveyed and cleaned).

N/A - Device is self-contained, all waste will be returned to manufacturer.

7. OTHER ISSUES:

a. Indicate if there are any other environmental problems or constraints not previously addressed that occur at this installation. NONE

b. Indicate and describe any other special permits for mission/training (non basops functions).

N/A

8. REVENUE GENERATING PROGRAMS:

a. Indicate if there are revenue generating programs (i.e., agricultural or mineral leasing, forestry, or hunting and fishing programs).

[YES] [NO] NO However, a Forestry Management Program will be initiated in FY95 and is expected to generate revenue.

(1) If yes, provide FY92, FY93 and estimated FY94 revenues in (\$000).

N/A

CLOSE HOLD

BRAC 95 INSTALLATION ENVIRONMENTAL BASELINE SURVEY

(Identifying the Constraints and Capabilities of an Installation's Carrying Capacity)

INSTALLATION NAME [FORT] RITCHIE

9. PROGRAMMED ENVIRONMENTAL COSTS:

A. Compliance Costs

(1) Provide a summary of environmental Compliance Costs from the RCS DD-P&L(SA) 1383 report. FY94=581, FY95=89, FY96=87, FY97=65, FY98=71, FY99=41

(2) Provide FY94 through FY99 funded and unfunded requirements.

- List funded and unfunded separately. See 9.A(1) Above; all funded
- Request costs data to be used for May 94 RCS 1383 report submittal.

B. Restoration Costs

(1) Provide an estimate of the DERA eligible Restoration Costs from the Dec 93 RCS 1383 Report submittals. N/A

(2) Provide FY94 through FY99 funded and unfunded requirements.

- List funded and unfunded separately.

N/A However; former artillery impact area only recently identified as DERA eligible, and will be added to the 1383 report. Cost unknown at this time.

NOTES:

1. Only legible maps should be forwarded.
2. Use either GRASS (or other similar GIS system). For installations without GIS capability, follow overlay procedures in Technical Bulletin 353.

CLOSE HOLD

CLOSE HOLD

BRAC 95 INSTALLATION ENVIRONMENTAL BASELINE SURVEY

(Identifying the Constraints and Capabilities of an Installation's Carrying Capacity)

INSTALLATION NAME [FORT] _____ SITE R _____

1. LAND USE :

A. Land Availability (estimate in acres).

(Note: Provide the following, 1.a. (1) should equal the sum total of 1.a. (2) through 1.a. (8))

- (1) Installation total 716 acres
- (2) Cantonment area 40 acres
- (3) Maneuver area 0
- (4) Training lands 0

(Training lands designated as sensitive / marginal by ITAMS / LCTA monitoring)

- (5) Firing Ranges 0
- (6) Non-Impact Firing Range 0
- (7) Wetlands Sec 404 area 2

Indicate if wetland acreage includes surface water acreage, and if restricted areas include Firing Ranges and Non-Impact Firing Ranges).

(8) Other

(Surface water areas; set aside unique areas, i.e., recreation habitat, forests, restricted use areas such as landfills, contaminated sites, safety zones). Provide a separate listing indicating use. Mountain/Forest - 674 acres

B. Air Space

- (1) Restricted Use Airspace NONE
- (2) ICUZ / NAPZ NO II or III ICUZ zones off of installation

(Indicate the extent ICUZ / NAPZ Zones II & III from installation ICUZ)

2. THREATENED OR ENDANGERED SPECIES (PLANTS AND / OR ANIMALS):

a. Indicate if a survey for Federally listed and candidate TES has been conducted.

[YES] [NO] YES

- (1) If yes, identify agency that performed the survey, (i.e., Nature Conservancy, State Heritage Office, etc).
- (2) Provide the report date and title. Floristic - Center for the Ecological Management of Military Land. Animal - Shippensburg University. N/A, Reports in progress.

b. Within the context of the current installation mission, has a Biological Assessment been completed for all TES found to occur on the installation?

[YES] [NO] NO

CLOSE HOLD

CLOSE HOLD

BRAC 95 INSTALLATION ENVIRONMENTAL BASELINE SURVEY

(Identifying the Constraints and Capabilities of an Installation's Carrying Capacity)

INSTALLATION NAME [FORT] _____ SITE R _____

(1) If yes, provide the report date and title.

c. Indicate if the US Fish and Wildlife Service (USFWS) rendered a Biological Opinion on the impact of the mission on the continued existence of all TES occurring on the installation.

[YES] [NO] NO

(1) If Yes, provide date of the Opinion. N/A

(2) Indicate if the Opinion status was JEOPARDY or NO- JEOPARDY. N/A

(3) If No, outline the current status of consultation with USFWS. N/A

d. Describe constraints (if any) that are imposed on installation development and operations resulting from compliance with the provisions of USFWS Biological Opinion(s). N/A

(1) Indicate if TES populations are increasing, declining or stabilized. N/A

e. If no TES occur on the installation, however, a portion of the installation has been designated as TES critical habitat, describe the operational limitations imposed by such designation. N/A

f. Label habitats / species locations on Map and submit as Attachment to IEBS. N/A

3. CULTURAL RESOURCES:

a. Indicate if the installation has a Historic Preservation Plan or Cultural Resources Management plan.

[YES] [NO] NO

(1) If yes, indicate if the plan has been reviewed by the State Historic Preservation Officer (SHPO) and the Advisory Council on Historic Preservation (ACHP).

[YES] [NO] N/A

b. Indicate if the installation has obtained the comments of the SHPO and ACHP for undertakings not included in the plan that may have an effect on a historic property

[YES] [NO] N/A

c. Has a historic building survey been completed for the installation?

[YES] [NO] N/A

CLOSE HOLD

BRAC 95 INSTALLATION ENVIRONMENTAL BASELINE SURVEY

(Identifying the Constraints and Capabilities of an Installation's Carrying Capacity)

INSTALLATION NAME [FORT] _____ SITE R _____

(1) If yes, what is the total number of Family Housing, barracks or other buildings eligible for or listed on the National Register of Historic Places. N/A

(2) Indicate the number of these buildings in substandard condition, number requiring extensive renovation (such as major structural components or stabilization). N/A

(3) Provide the estimated cost for total renovation. N/A

d. Indicate if an archeological survey of the installation been completed.

[YES] [NO] NO

(1) If yes, provide the total number of acres surveyed. N/A

(2) Indicate the number of potentially eligible sites. N/A

(3) Indicate if there currently storage or curation of archeological artifacts and associated records at installation. NO

e. Identify and describe any restrictions to development or operations resulting from agreements, consultations or management plans. N/A

(1) Indicate the total acreage not available for development or operations because of cultural resource limitations. (refer to question 1.a.(4)). N/A

f. Provide information on consultations with other interested parties, such as Native Americans, Native Hawaiians or others regarding the management of or access to traditional cultural properties.

N/A

(1) Describe limitations to mission development, operations, resulting from such consultations or subsequent agreements.

N/A

4. INFRASTRUCTURE ISSUES:

A. Potable Water

(1) Describe potable water sources in terms of percentage from wells vs. percentage from surface water.

100% WELLS

CLOSE HOLD

CLOSE HOLD

BRAC 95 INSTALLATION ENVIRONMENTAL BASELINE SURVEY

(Identifying the Constraints and Capabilities of an Installation's Carrying Capacity)

INSTALLATION NAME [FORT] _____ SITE R _____

(2) Provide the following if groundwater source is used:

- Number of wells 4
- Drawdown rate CLASSIFIED
- Total pumping capacity (mgd) CLASSIFIED
- Average daily usage (mgd) 0.112 mgd
- Describe excess capability CLASSIFIED

(3) Provide the following if surface water is used: N/A

- Describe design capacity (mgd) of plant and average daily usage
- Describe age of each system and note problems with life expectancy

(4) If water source is via a commercial contract provide: N/A

- Contracted amount
- Contractor information
- Maximum capacity and average daily usage
- Indicate any restrictions to expansion of capacity

(5) Describe any known or potential sources of contamination that may jeopardize the capacity of the potable water source. NONE

B. Wastewater.

(1) Provide the following information:

- Maximum design capacity .360 mgd
- Average daily usage .050 mgd
- Life expectancy (upgrade requirements) New plant constructed in 1981 with approximately 50 year life. No upgrades required.

(2) Provide relevant information from 4.a. where applicable to industrial wastewater plants.

(3) If via a commercial contract provide: N/A

- Contracted amount
- Contractor information
- Maximum capacity and average daily usage
- Indicate any restrictions to expansion of capacity

(4) Indicate if there is a NPDES permit.

[YES] [NO] YES

- Describe any current or potential permit restrictions that would effect increase discharge amounts
NONE

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BRAC 95 INSTALLATION ENVIRONMENTAL BASELINE SURVEY

(Identifying the Constraints and Capabilities of an Installation's Carrying Capacity)

INSTALLATION NAME [FORT] _____ SITE R _____

(5) Describe any known or potential constraint to maintaining or expanding wastewater treatment and discharge (i.e., proposed state regulations, new non-Army discharge into shared discharge waters which may limit discharge). NONE

C. Solid Wastes

(1) Landfills that do not meet RCRA requirements were required to close October, 1993. If applicable provide details on any impacts to the installation. N/A

(2) Provide the following for installation owned landfills: N/A

- Size in acres
- Indicate location on Map and submit as Attachment to IEBS
- Total remaining capacity in tons
- Estimated useable life remaining (yrs)

(3) Provide the following for on-site land disposal: N/A

- Indicate if there is adequate space to support future landfill needs
- Describe constraints on increasing landfill size and operations.

(4) If via a commercial contract provide: Information included in Fort Ritchie data.

- Total contract value
- Contractor information
- Average daily volume (tons)
- Cost per ton
- Indicate if any limitations on increasing the contract quantity (if & when required)

5. AIR QUALITY:

a. Indicate the designated federal, state, and/or local Air Quality Region in which the installation is located and what agency regulates that district. Northeast Ozone Transport Region regulated by PADER Air Quality Control Program.

b. Indicate if the EPA has designated the air quality control area in which your installation is located as a maintenance or non-attainment area for any of the six criteria air pollutants (ozone, carbon monoxide, particulate matter (PM 10), sulfur dioxide, nitrogen dioxide, lead).

[YES] [NO] YES

(1). If installation is in a maintenance area, identify the regulated pollutant(s).

OZONE Non-Attainment Area

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BRAC 95 INSTALLATION ENVIRONMENTAL BASELINE SURVEY

(Identifying the Constraints and Capabilities of an Installation's Carrying Capacity)

INSTALLATION NAME [FORT] _____ SITE R _____

(2). If the installation is in a non-attainment area, identify the pollutant(s) and the degree of severity as [marginal], [moderate], [serious], [severe], or [extreme].

Marginal OZONE Non-Attainment Area

c. If in non-attainment status, provide details on source of violation.

Installation not in violation status.

d. Describe the air pollution sources on the installation (i.e., controlled underbrush burnings ?, powerhouse ?, incinerator ?, vehicle training ?, traffic ?, accidental fires ?). Vehicle traffic, generators and accidental fires.

e. Indicate if a local Air Quality Board (or similar organization) restricted or delayed any on- or off-installation activities due to air quality considerations.

[YES] [NO] NO

(Examples to consider include restrictions to construction permits, restrictions to operating hours for industrial facilities, implementation of High Occupancy Vehicle (HOV) procedures during rush hour, etc.)

f. If activities have been restricted, describe the nature, extent and duration of the restriction. N/A

g. Indicate if the installation was required to implement emissions reduction through special actions, such as carpooling or emissions credit transfer.

[YES] [NO] NO

h. Indicate if the installation maintains air emission credits.

[YES] [NO] NO

- If yes, indicate how many

- Provide the estimated value of the credits and costs to maintain

i. Provide costs of any major projects identified in the A-106 plan (RCS DD-P&L(SA) 1383 report Fall 93 submittal) to meet / maintain compliance. \$141,000 FY94

j. Indicate if there any critical air quality regions (i.e., non-attainment areas, national parks, etc) within 100 kilometers of the installation ?

[YES] [NO] YES

- If yes, provide information

National Parks; Gettysburg Battlefield, Antietam Battlefield, Catoclin Mountain National Park. Baltimore, MD - Severe non-attainment, Washington, D.C. - serious, non-attainment

HAZARDOUS MATERIALS / SITES:

A. Use of Hazardous Materials.

CLOSE HOLD

CLOSE HOLD

BRAC 95 INSTALLATION ENVIRONMENTAL BASELINE SURVEY (Identifying the Constraints and Capabilities of an Installation's Carrying Capacity)

INSTALLATION NAME [FORT] _____ SITE R _____

(1) Is installation a RCRA treatment, storage or disposal facility?
[YES] [NO] NO

(2) Does the installation have RCRA Part B permitted hazardous waste storage sites?
[YES] [NO] NO

If yes, provide: N/A

- Number and what type (90-day or longer)
- Dates of permit application and expiration
- Indicate location on Map and submit as Attachment to IEBS

(3) Indicate if the installation is in the process of obtaining any type of RCRA permits.
[YES] [NO] NO

If yes, provide: N/A

- Describe on the type of permit
- Status of permit
- Application and expected date issuance

B. Contaminated Sites.

(1) Has an assessment to determine contamination been conducted?
[YES] [NO] NO

If yes, provide: N/A

- By whom
- Date of assessment

(2) Indicate the number of DERA eligible contaminated sites. N/A
- Cost estimate for restoration
- Indicate location on Map and submit as Attachment to IEBS

(3) Describe NPL sites, status, including schedule of CERCLA documents. N/A

C. PCB Issues.

(1) Indicate if the PCB survey been completed.
[YES] [NO] YES
- If not, indicate the percent completed (%)

CLOSE HOLD

CLOSE HOLD

BRAC 95 INSTALLATION ENVIRONMENTAL BASELINE SURVEY (Identifying the Constraints and Capabilities of an Installation's Carrying Capacity)

INSTALLATION NAME [FORT] _____ SITE R _____

(2) If yes, provide:

- Number of contaminated transformers identified 1
- Number replaced 1

D. Underground Storage Tanks (UST).

(1) If applicable, provide the following:

- Number of tanks (indicate active or abandoned) 6
- Number tested 5
- Number failed 0
- Number replaced / repaired 5

E. Radioactive Materials and Sources.

(1) Indicate if installation hold Nuclear Regulatory Commission (NRC) or DA licenses for radiological materials. NO

-If yes, list each license describing the type, and purpose of the licensed materials.

(2) Indicate the level and extent of decommissioning required to relocate the mission or operations supported by the use of radioactive materials (i.e., number of rooms and buildings to be surveyed and cleaned).

N/A

7. OTHER ISSUES:

a. Indicate if there are any other environmental problems or constraints not previously addressed that occur at this installation. NONE

b. Indicate and describe any other special permits for mission/training (non basops functions). NONE

8. REVENUE GENERATING PROGRAMS:

a. Indicate if there are revenue generating programs (i.e., agricultural or mineral leasing, forestry, or hunting and fishing programs).

[YES] [NO] NO Forestry Management Plan will begin in FY95, and is expected to generate revenue.

(1) If yes, provide FY92, FY93 and estimated FY94 revenues in (\$000). N/A

CLOSE HOLD

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BRAC 95 INSTALLATION ENVIRONMENTAL BASELINE SURVEY (Identifying the Constraints and Capabilities of an Installation's Carrying Capacity)

INSTALLATION NAME [FORT] _____ SITE R _____

9. PROGRAMMED ENVIRONMENTAL COSTS:

A. Compliance Costs

(1) Provide a summary of environmental Compliance Costs from the RCS DD-P&L(SA) 1383 report. FY94=1829, FY95=428, FY96=111, FY97=53, FY98=74, FY99=44

(2) Provide FY94 through FY99 funded and unfunded requirements.

- List funded and unfunded separately. See 9.A.(1) Above; all funded.
- Request costs data to be used for May 94 RCS 1383 report submittal.

B. Restoration Costs

(1) Provide an estimate of the DERA eligible Restoration Costs from the Dec 93 RCS 1383 Report submittals. N/A

(2) Provide FY94 through FY99 funded and unfunded requirements.

- List funded and unfunded separately.

N/A

NOTES:

1. Only legible maps should be forwarded.
2. Use either GRASS (or other similar GIS system). For installations without GIS capability, follow overlay procedures in Technical Bulletin 353.

CLOSE HOLD

Document Separator

Data Call 4 - - Narrative Assessments

DATA CALL 4



REPLY TO
ATTENTION OF

ANRT-CG

DEPARTMENT OF THE ARMY
HEADQUARTERS, U.S. ARMY GARRISON FORT RITCHIE
FORT RITCHIE, MARYLAND 21719-5010



26 MAY 94

MEMORANDUM FOR Commander, U.S. Army Military District of
Washington, ATTN: ANEN-RO, Fort Lesley J.
McNair, Washington, DC 20319-5050

SUBJECT: BRAC 95 Installation Assessment (IA) Data Call 4

1. Reference memorandum, USAMDW, ANCG, 18 Apr 94, SAB.
2. I am submitting the enclosed Fort Ritchie Installation Assessment Narratives as requested in the above reference.
3. This narrative assessment was developed from coordinated input of Garrison and tenant activities. The information is accurate and complete to the best of my knowledge and belief.
4. Points of contact are Mr. Pearl and Ms. Shaffer, ANRT-RM, DSN 277-4373.

Encl

for Robert H. Butt, LTC, GARRCOM
FREDERICK H. ESSIG
Brigadier General, USA
Commanding

BG Essig is unavailable for signature. His
Chief of Staff is on leave. Both will see this
whole packet when they return to duty on 31 May 94.

fwz



REPLY TO
ATTENTION OF

ANRT-CD

DEPARTMENT OF THE ARMY
HEADQUARTERS, U.S. ARMY GARRISON FORT RITCHIE
FORT RITCHIE, MARYLAND 21719-5010



MAY 27 1994

MEMORANDUM FOR Installation Commander, Department of the Army,
Headquarters Fort Ritchie, Building 152,
Fort Ritchie, MD 21719-5010

SUBJECT: SIGNATURE ACTION--Fort Ritchie BRAC 95 Submission

1. Purpose. To obtain the Installation Commander's signature on memorandum and release of Installation Assessment Narrative to MDW at TAB A.

2. Discussion.

a. In compliance with the Base Closure Realignment Act of 1990, the Department of Defense and the Army will complete a final round of installation reviews as BRAC 95. All active Army installations are included in the assessment for the BRAC 95 review to be completed by the following schedule:

Phase I Mar 94 - Jun 94 Army will evaluate installations.

Phase II Jul 94 - Feb 95 Director Management (TAB B) assess feasible BRAC alternatives.

Phase III Mar 94 - Jul 95 Submit OSD BRAC recommendations to 1995 Commission.

b. Fort Ritchie will be included as a U.S. Army MDW installation in the BRAC 95 review and has received Data Call taskings to provide information and data. Tasks consist of: Installation Attribute Assessments due to MDW 13 May, Installation Assessment Narrative due 27 May, and Installation Environmental Baseline Survey due 3 June. The information submitted for each part of our response to MDW is to be transmitted by memorandum with signature of the Installation Commander to certify accuracy of the data.

c. Attribute Assessments have been completed and submitted to MDW by previous suspense and transmittal action. This action provides narrative portions of the tasking. From information and supporting narratives provided by the Garrison and major tenant activities, the Installation Assessment Narrative has been prepared and provided at TAB B.

ANRT-CD

SUBJECT: SIGNATURE ACTION--Fort Ritchie BRAC 95 Submission

3. Coordination. This action has been coordinated with major tenants providing input.

4.Recommendation. That the Installation Commander sign the transmittal memorandum at TAB A.

2 Encls

- 1. TAB A--Memo for CG sign
- 2. TAB B--Narrative

Robert M. Butt
 ROBERT M. BUTT
 LTC, IN
 Commanding

COORDINATION:
 USAISEC-CONUS
 1108th Sig Bde
 TAO
 DISO, AISC

Concur/Nonconcur	<i>[Signature]</i>	Date	<i>27 May 94</i>
Concur/Nonconcur	<i>[Signature]</i>	Date	<i>27 May 94</i>
Concur/Nonconcur	<i>[Signature]</i>	Date	<i>27 May 94</i>
Concur/Nonconcur	<i>[Signature]</i>	Date	<i>27 May 94</i>



REPLY TO
ATTENTION OF

ANRT-CG

DEPARTMENT OF THE ARMY
HEADQUARTERS, U.S. ARMY GARRISON FORT RITCHIE
FORT RITCHIE, MARYLAND 21719-5010



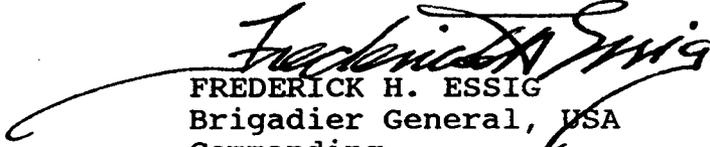
MAY 27 1994

MEMORANDUM FOR Commander, U.S. Army Military District of
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McNair, Washington, DC 20319-5050

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4. Points of contact are Mr. Pearl and Ms. Shaffer, ANRT-RM, DSN 277-4373.

Encl


FREDERICK H. ESSIG
Brigadier General, USA
Commanding

CLOSE HOLD

FORT RITCHIE
INSTALLATION ASSESSMENT

1. LOCATION: Fort Ritchie, Maryland, is located near Cascade, Maryland, and the Maryland/Pennsylvania state line, in Washington County, Maryland, 70 miles north by northwest of Washington, D.C. The installation is included in the Hagerstown, Maryland, Metropolitan Statistical Area. Surrounding counties to the installation are Frederick and Washington in Maryland, and Adams and Franklin in Pennsylvania.

2. HISTORY: In 1926, land that comprises present-day Fort Ritchie was purchased by the State of Maryland, which established the Garrison as a brigade training area with the Maryland National Guard. The first permanent-type buildings were constructed in the Camp from natural stone found in the area. The site was named Camp Albert C. Ritchie in honor of the presiding Governor of Maryland. In June 1942, Camp Ritchie was activated as a War Department Military Intelligence Training Center. Additional temporary-type buildings were erected and the existing facilities improved. A total of 20,000 intelligence troops were housed and trained at Camp Ritchie during a four-year period. In 1945, the Camp was inactivated and the State of Maryland reinstated the Camp as a National Guard training station. In October 1952, Fort Ritchie was reactivated by the Department of the Army to provide essential support for the contingency operations of the Joint Chiefs of Staff at Site R, which is located six miles away in Pennsylvania. Today, Garrison Fort Ritchie consists of 638 acres to provide support to DoD and United States (U.S.) Army administrative command and control missions and 716 acres at Site R to provide the JCS support role.

3. CURRENT MISSION:

a. Provide Base Operations and Real Property Maintenance for the Garrison Fort Ritchie installation, the Alternate National Military Command Center Facility (Site R), Satellite activities, and other tenants, including Camp David, utilizing installation facilities. Fort Ritchie provides the sole base operations, real property maintenance, and security support required for the underground Alternate Joint Communications Center (AJCC) and the National Military Command Center (NMCC) at Site R in support of the Joint Staff and Continuity of Operations Plan. The Commander of U.S. Army Garrison Fort Ritchie serves as Troop Commander for the Garrison and also

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Fort Ritchie BRAC 95

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FORT RITCHIE
Tenants and Unique Installation Characteristics

1. **JOINT SYNERGY:** Fort Ritchie provides support to 33 tenant activities located on the installation and at Site R. Several of these are elements of DoD organizations or an Army MACOM. In their missions these activities provide beneficial service support to Fort Ritchie and other installations or agencies. Major Fort Ritchie tenant activities and their missions include:

a. Fort Ritchie provides support to Defense Information Systems Agency (DISA) and Defense Information Systems Organization (DISO) elements including: Deputy Director for Service Centers, The Corporate Logistics and Security Offices, Army Information Service Center, and Joint Information Systems Center, DISO; and Defense Information Procurement Office, DISA. These elements provide the Warfighter and supporting organizations a "single entry point" into the DISO utility for expanded communications operations, information processing, and network management facilities. One Integrated Network Management (IMC) facility, located at Fort Ritchie, services an array of world-wide customers. Major networks served by the facility include: Army Standard Information Systems, AMC SISOCS Network, IDNX Null Network, Counter Narcotics/Command Management System, Army DDN Gateways, Electronic Mail, Criminal Investigation Division Command, Defense Switched Network Integrated Management Support System and the initial customer baseline for Installation Support Modules.

b. Fort Ritchie provides facilities and support to USAISC which has several subordinate activities located on the installation to provide Information Management Area (IMA) support to customers on and off the installation.

(1) **TECHNOLOGY APPLICATIONS OFFICE (TAO)** - Provides special staff support for IMA requirements to USAISC, DA, DoD, and non-DoD activities having sensitive missions. Mission functions include operational direction and life cycle management on research, design, procurement, installation, and testing of dual use IMA technology and support.

(2) **U.S. ARMY INFORMATION SYSTEMS ENGINEERING COMMAND-CONUS (USAISEC-CONUS)** - Provides Information Management Area (IMA) support to Major Army Commands (MACOMs), DoD, and non-DoD activities. Mission functions include information systems

CLOSE HOLD
Fort Ritchie BRAC 95

CLOSE HOLD

serves as Headquarters Commandant of Site R. The Installation Commander has General Courts Martial authority. The Garrison Commander exercises Special and Summary Courts Martial, and Article 15, Uniform Code of Military Justice authority over enlisted military members assigned or attached for rations, quarters, and general administrative purposes.

b. The installation serves as host to 33 tenant activities and provides support to two satellite activities and five U.S. Army Reserve Centers in Maryland and West Virginia. Major tenant organizations include: DoD, with elements of the Defense Information Systems Agency (DISA), and Defense Information Systems Organization (DISO); and U.S. Army with elements of the U.S. Army Information Systems Command (USAISC). Brigadier General Essig, The Deputy Director for Service Centers, a DISO element, is also the Fort Ritchie Installation Commander.

c. Support to the nearby Camp David, Naval Support Facility (NSF)-Thurmont, Maryland, is provided in the form of housing, morale, welfare, and recreational facilities for use by the NSF-assigned military personnel, and their family members.

d. Fort Ritchie is the sponsoring Federal Agency supporting the city of Hagerstown, Maryland, Cooperative Administrative Support Unit (CASU). Fort Ritchie serves as Chairman and actively participates as a facilitator with Hagerstown in planning, developing, and executing the initiative. The CASU program, sponsored by the President's Council on Management Improvement, is a government-wide program to provide shared resources and services to participating agencies, i.e., Federal, State, and City. The CASU program implements among Federal agencies cost sharing and cost saving cooperative programs based on the participation of local employees and agencies. On 15 September 1992, the Federal Cooperative Administrative Support Program voted to accept the Charter proposal from Hagerstown in support of a work center project. Operational telecommuting facilities were formally opened in April 1994 and made available for use by government agencies. With support of Senate and Congressional leadership, the CASU received an appropriation for continued operation and expansion of telework facilities in the city of Hagerstown. Local area Federal and State employees who commute great distances can now telework from the center using computers and telecommunications equipment.

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engineering, installation quality assurance, testing, and technical support to installations, facilities, and equipment in the Continental U.S. (CONUS) and outside CONUS locations.

(3) HQ, 1108TH SIGNAL BRIGADE - Provides IMA services to Echelon Above Corps (EAC) for the Army, DoD elements, and other Government agencies within CONUS. Mission functions include operation and maintenance of multiple information and communication-electronics systems and equipment at several installations and locations throughout CONUS which support strategic IMA requirements of DoD, military, and other Federal agencies.

(4) 1111TH SIGNAL BATTALION - Provides operation and maintenance of the communications and electronics equipment in support of the AJCC (Site R) and primary command and control communications. Institutes programs for the upgrade of communications facilities and furnishes plans, policies, project directives, and doctrine relating to the AJCC.

c. Fort Ritchie provides support to several tenants which are activity elements of other MACOMs, DoD activities, or contractors which have mission responsibility for specialized functional support to the installation. These tenants include: The U.S. ARMY HEALTH CLINIC which provides routine and limited emergency care to all eligible beneficiaries. Services include allergy immunizations, occupational health and minor surgical services, radiology laboratory, and pharmacy services. Persons who require advanced definitive or specialty care are referred to the appropriate civilian or military facility. Provides ambulance support to Fort Ritchie and Site R. The U.S. ARMY DENTAL CLINIC provides dental treatment to active duty personnel and on an as-available or emergency basis to eligible family members and retirees supported by Fort Ritchie. The DEFENSE COMMISSARY AGENCY and ARMY/AIR FORCE EXCHANGE SERVICE provides commissary and exchange services to more than 10,100 military, dependents, and retirees supported by Fort Ritchie. The DEFENSE FINANCE AND ACCOUNTING SERVICE provides the pay, disbursing, and financial accounting services for the installation. Services and support for transportation motor pool service, maintenance of administrative telephone service, and operation and maintenance of buildings and grounds and utilities for Fort Ritchie are provided by CONTRACTORS who also receive installation support as tenants.

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2. **UNIQUE FACILITIES:** Fort Ritchie has a hardened and secure underground facility at Site R which is environmentally controlled with state-of-the-art technology in communications and information management services. A new Physical Security building provides for enhanced security and control in accessing the facility. The facility is currently an emergency mobilization site serving as the Alternate National Military Command Center (ANMCC) and Alternate Joint Communications Center (AJCC). Garrison Fort Ritchie has modern technology microwave, satellite, telephone, communications, and information management support services with base-wide local area networking capabilities. The installation has an Integrated Network Management Facility managed by DISO to service world-wide networks. New administrative buildings constructed within recent years provide secure facilities for sensitive and classified mission operations. These facilities are currently utilized by DoD/AISC and USAISC activities. The current cost of a square foot of office space at Fort Ritchie is \$5 per square foot. A modern training and conference center with a video teleconferencing studio is also available on the installation. Construction of a facility and a new building for supply operations have provided increased capability for efficient supply management, storage, and distribution. The installation has modern facilities for soldier, family, and community support. Facilities include new and recently constructed buildings for the commissary, PX, child care, youth services, and fire station.

3. **UNIQUE LOCATION:** Fort Ritchie is the best located installation to provide base operations, real property, and facility support to Site R. Fort Ritchie's proximity to Washington D.C. permits installation and tenant managers to attend meetings at higher headquarters, DA, DoD, or other Federal agencies without extensive travel time and expense. Another attribute of the location is that there is no immediate threat of surrounding urban or city encroachment due to development. Fort Ritchie's surrounding communities have an available, dedicated workforce to staff the many civilian specialties recruited to fill personnel vacancies at the installation. The geographical location has contributed to a stable workforce and the ability to attract qualified personnel from labor pools in the Maryland, Pennsylvania, Washington, D.C., and West Virginia areas.

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Fort Ritchie BRAC 95

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4. OTHER CONSIDERATIONS:

a. Fort Ritchie and tenants on the installation provide employment for approximately 1,000 military and 1,100 civilian personnel. The combined annual financial impact of the installation and tenants on the local Maryland, Pennsylvania, and West Virginia economies is estimated at approximately \$111 million. More than 7,500 retirees live in a four-county area surrounding the installation, and they are eligible to utilize medical, family, and community support services provided by the installation. Fort Ritchie is recognized as the largest employer in Washington County, Maryland, and as the second largest "city" in the county.

b. Fort Ritchie is an installation which takes pride in providing quality service in satisfying mission requirements, furnishing customers with excellent facilities and work environments, and providing its families outstanding services and facilities for the community in which they live. As a result of excellence in performance, the Fort Ritchie Public Works contractor received the Army Corps of Engineers Commercial Activities Award for FY 90 in competition with DPW contractors world-wide. In each of the last four years Fort Ritchie has been recognized with an "Honorable Mention" award in the Army Communities of Excellence Program.

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Fort Ritchie BRAC 95



REPLY TO
ATTENTION OF

ANRT-CD

DEPARTMENT OF THE ARMY
HEADQUARTERS, U.S. ARMY GARRISON FORT RITCHIE
FORT RITCHIE, MARYLAND 21719-5010



MAY 27 1994

MEMORANDUM FOR Installation Commander, Department of the Army,
Headquarters Fort Ritchie, Building 152,
Fort Ritchie, MD 21719-5010

SUBJECT: SIGNATURE ACTION--Fort Ritchie BRAC 95 Submission

1. Purpose. To obtain the Installation Commander's signature on memorandum and release of Installation Assessment Narrative to MDW at TAB A.

2. Discussion.

a. In compliance with the Base Closure Realignment Act of 1990, the Department of Defense and the Army will complete a final round of installation reviews as BRAC 95. All active Army installations are included in the assessment for the BRAC 95 review to be completed by the following schedule:

Phase I Mar 94 - Jun 94 Army will evaluate installations.

Phase II Jul 94 - Feb 95 Director Management (TAB B) assess feasible BRAC alternatives.

Phase III Mar 94 - Jul 95 Submit OSD BRAC recommendations to 1995 Commission.

b. Fort Ritchie will be included as a U.S. Army MDW installation in the BRAC 95 review and has received Data Call taskings to provide information and data. Tasks consist of: Installation Attribute Assessments due to MDW 13 May, Installation Assessment Narrative due 27 May, and Installation Environmental Baseline Survey due 3 June. The information submitted for each part of our response to MDW is to be transmitted by memorandum with signature of the Installation Commander to certify accuracy of the data.

c. Attribute Assessments have been completed and submitted to MDW by previous suspense and transmittal action. This action provides narrative portions of the tasking. From information and supporting narratives provided by the Garrison and major tenant activities, the Installation Assessment Narrative has been prepared and provided at TAB B.

ANRT-CD

SUBJECT: SIGNATURE ACTION--Fort Ritchie BRAC 95 Submission

3. Coordination. This action has been coordinated with major tenants providing input.

4. Recommendation. That the Installation Commander sign the transmittal memorandum at TAB A.

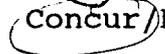
2 Encls

- 1. TAB A--Memo for CG sign
- 2. TAB B--Narrative


ROBERT M. BUTT
LTC, IN
Commanding

COORDINATION:

USAISEC-CONUS
1108th Sig Bde
TAO
DISO, AISC

Concur/Nonconcur		Date	27 May 94
Concur/Nonconcur		Date	27 May 94
Concur/Nonconcur		Date	27 May 94
Concur/Nonconcur		Date	27 May 94

DATA CALL 1



REPLY TO
ATTENTION OF

ANRT-CG

DEPARTMENT OF THE ARMY
HEADQUARTERS, U.S. ARMY GARRISON FORT RITCHIE
FORT RITCHIE, MARYLAND 21719-5010



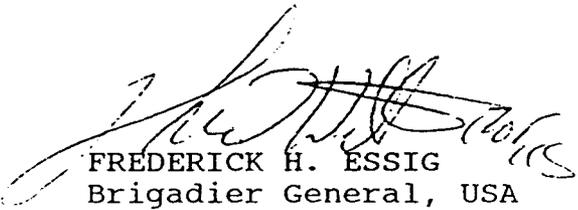
12 MAY 1994

MEMORANDUM FOR Commander, U.S. Army Military District of
Washington, ATTN: ANEN-RO, Fort Lesley J.
McNair, Washington, DC 20319-5050

SUBJECT: BRAC 95 Installation Assessment (IA) Data Call 1

1. Reference memorandum, USAMDW, ANCG, 18 Apr 94, SAB.
2. I am submitting the enclosed Fort Ritchie Installation Attribute Assessments as requested in the above reference.
3. Information and data, reported for each attribute, was developed from garrison records and data sources referenced for each attribute. The information contained in this report is accurate and complete to the best of my knowledge and belief.
4. Points of contact are Mr. Pearl and Ms. Shaffer, ANRT-RM, DSN 277-4373.

Encl


FREDERICK H. ESSIG
Brigadier General, USA
Commanding

FORT RITCHIE
BRAC 95 INSTALLATION ASSESSMENT
REPORTABLE ATTRIBUTES

<u>RESPONSIBLE DIRECTORATE</u>	<u>ATTRIBUTE NUMBER</u>	<u>TITLE</u>
DRM Ms. Shaffer, 2-5055	1	Accessibility
DPW Mr. Mulligan, 2-5465	2	Average Age of Facilities
DPW/HSG Mr. McDermott, 2-5127	3	Barracks (UPH) and Family Housing
DRM Ms. Shaffer, 2-5055	4	BASOPS/Mission Population
DPW Mr. Mulligan, 2-5465	5	Buildable Acres
CPO/PAO Mr. Baker, 2-5227	6	Cost of Living Index
PAO Mr. Blizzard, 2-5729	7	Encroachment
DPW Mr. Hoffman, 2-4159	8	Environmental Carrying Capacity
DPW/HSG Mr. Mulligan, 2-5127	9	Family Housing Cost Per Dwelling Unit (DU)
DOIM/DFS Mr. Settlege, 2-5651	10	Information Mission Area (IMA)
DPW Mr. Mulligan, 2-5465	11	Infrastructure
CPO Mr. Baker, 2-5227	12	Locality Pay Factor
DPW Mr. Mulligan, 2-5465	13	Maintenance Facilities
DPW Mr. Mulligan, 2-5465	14	MCA Cost Factor

FORT RITCHIE
BRAC 95 INSTALLATION ASSESSMENT
REPORTABLE ATTRIBUTES

<u>RESPONSIBLE DIRECTORATE</u>	<u>ATTRIBUTE NUMBER</u>	<u>TITLE</u>
DPTM CPT Helmer, 2-6342	15	Mobilization Capability
DPW Mr. Mulligan, 2-5465	16	OPS/Admin Facilities
DPW Mr. Mulligan, 2-5465	17	Percent Permanent Facilities
DPTM CPT Helmer, 2-6342	18	Reserve Training
DPW Mr. Mulligan, 2-5465	19	Supply and Storage Facilities
DRM/DAO Mr. Shaffer, 2-5055	20	Variable Housing Allowance (VHA) Factor
DPTM CPT Helmer, 2-6342	21	Deployment Network (New)
DPTM CPT Helmer, 2-6342	22	Maneuver Acres (New)
DPW Mr. Mulligan, 2-5465	23	Work Space (New)
DRM Ms. Shaffer/CPT Helmer	24	Ranges (New)

FORT RITCHIE
BRAC 95 INSTALLATION ASSESSMENT
REPORTABLE ATTRIBUTES

<u>ATTRIBUTE NUMBER</u>	<u>TITLE</u>
1	Accessibility
2	Average Age of Facilities
3	Barracks (UPH) and Family Housing
4	BASOPS/Mission Population
5	Buildable Acres
6	Cost of Living Index
7	Encroachment
8	Environmental Carrying Capacity
9	Family Housing Cost Per Dwelling Unit (DU)
10	Information Mission Area (IMA)
11	Infrastructure
12	Locality Pay Factor
13	Maintenance Facilities
14	MCA Cost Factor
15	Mobilization Capability
16	OPS/Admin Facilities
17	Percent Permanent Facilities
18	Reserve Training
19	Supply and Storage Facilities
20	Variable Housing Allowance (VHA) Factor
21	Deployment Network (New)
22	Maneuver Acres (New)
23	Work Space (New)

24

Range

Attribute POC/PHONE # _____ Attribute Score _____
Attribute Certified by _____

CLOSE HOLD

ACCESSIBILITY

1. **DEFINITION:** The accessibility of an installation as measured by calculating the number of miles to the four most "travelled to" destinations from that installation, one of which must be the installation's next higher headquarters.

2. **PURPOSE:** To assess how well located an installation is to perform its command, control, and management functions in terms of its physical distance from major subordinate units and higher headquarters.

3. **METHODOLOGY:** The average distance in miles from the installation to its four most "travelled to" locations, one of which must be the installation's higher headquarters, will be calculated using actual travel data for FY 93. Each installation will report the four most "travelled to" locations and the distance they use to calculate travel costs to those locations.

4. **REFERENCES:** Installation travel records for FY 93

5. **UNIT OF MEASURE:** Average distance in miles.

6. **EQUATION:**

$$\frac{DHQ + DLOC1 + DLOC2 + DLOC3}{4} = \text{Avg Distance}$$

Where:

DHQ = Distance to Higher HQ

DLOC1 = Distance to most travelled to location

DLOC2 = Distance to second most travelled to location

DLOC3 = Distance to third most travelled to location

7. **ATTRIBUTE SCORING:** A low number is best.

CLOSE HOLD
Fort Ritchie BRAC 95

ACCESSIBILITY

1. **DEFINITION:** The accessibility of an installation as measured by calculating the number of miles to the four most "travelled to" destinations from that installation, one of which must be the installation's next higher headquarters.

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4. **REFERENCES:** Installation travel records for FY 93.

5. **UNIT OF MEASURE:** Average distance in miles.

6. **EQUATION:**

$$\frac{DHQ + DLOC1 + DLOC2 + DLOC3}{4} = \text{Avg Distance}$$

Where:

DHQ = Distance to Higher HQ

DLOC1 = Distance to most travelled to location

DLOC2 = Distance to second most travelled to location

DLOC3 = Distance to third most travelled to location

7. **ATTRIBUTE SCORING:** A low number is best.

Attribute POC/Phone # Ms. Marty Shaffer/277-5055 Attribute Score ____
Attribute Certified by msa

CLOSE HOLD

ACCESSIBILITY

A complete review of travel orders for personnel assigned to the Fort Ritchie Garrison, reflects the following locations as the four most "travelled to" destinations:

DHQ	HQ, Military District Washington	72 miles
DLOC1	Site R	5 miles
DLOC2	Fort Belvoir, VA	88 miles
DLOC3	Baltimore, MD	<u>61 miles</u>
	Total	226 miles
	Average	56.5 miles

CLOSE HOLD
Fort Ritchie BRAC 95

Attribute POC/Phone # Ms. Marty Shaffer/277-5055 Attribute Score _____
Attribute Certified by mla

CLOSE HOLD

ACCESSIBILITY

Coordination with other tenants located at Fort Ritchie which perform travel (USAISEC-CONUS, TAO, and 1108th Signal Bridgade) in conjunction with the Garrison, have identified the following locations as the four most "travelled to" destinations:

DHQ	HQ, Military District Washington	72 miles
DLOC1	Metropolitan Washington/Pentagon	72 miles
DLOC2	Fort Belvoir, VA	88 miles
DLOC3	Letterkenny AD, Chambersburg, PA	<u>32 miles</u>
	Total	264 miles
	Average	66 miles

CLOSE HOLD
Fort Ritchie BRAC 95

Attribute POC/PHONE # _____ Attribute Score _____
Attribute Certified by _____

CLOSE HOLD

AVERAGE AGE OF FACILITIES

1. **DEFINITION:** Average age of all existing facilities on the installation.
2. **PURPOSE:** Average facility age is an indicator of the overall quality and condition of the facilities on the installation.
3. **METHODOLOGY:** Historical data of construction completion dates used to calculate the age of all permanent facilities on the installation.
4. **REFERENCES:** March 1994 HQRP LANS.
5. **UNIT OF MEASURE:** Average (mean) age per square foot.
6. **EQUATION:**
$$\Sigma(SQ\ FT\ X\ Age\ of\ Building) / TOTAL\ INSTALLATION\ SQFT$$
7. **ATTRIBUTE SCORING:** Lower number (ie. lower age) results in a better score.

CLOSE HOLD

Fort Ritchie BRAC 95

CLOSE HOLD

AVERAGE AGE OF FACILITIES

1. **DEFINITION:** Average age of all existing facilities on the installation.
2. **PURPOSE:** Average facility age is an indicator of the overall quality and condition of the facilities on the installation.
3. **METHODOLOGY:** Use the building Age Distribution report, PART #3, in HQRPLANS, in the facility Revitalization Analysis section to construct a weighted average of the facilities age. SELECY ALL FCG AND YEAR 1994. Note that the April 94 HQRPLANS includes FY 92 planned construction in the first column percentage. For each base:
 - a. Multiply the percent in the first column by 5
 the percent in the second column by 15
 the percent in the third column by 25
 the percent in the fourth column by 35
 the percent in the fifth column by 45
 and the percent in the sixth column by 55
 - b. Sum the products from above and divide by 100.
4. **REFERENCES:** April 1994 HQRPLANS pending special update in June 1994 HQRPLANS. *NOTE: The June 94 HQRPLANS is expected to have a more accurate algorithm (based on the actual year vs 10 year increments). HQDA will provide the updated average age calculations for substitution in the IA when available. The new algorithm will NOT include planned construction or leased housing in the calculation.*
5. **UNIT OF MEASURE:** Average (mean) age per square foot.
6. **EQUATION:** As above.
7. **ATTRIBUTE SCORING:** Lower number (ie. lower age) results in a better score.

Attribute POC/PHONE # Mr. Mulligan Attribute Score 41.48

(717)878-5465

Attribute Certified by [Signature]

CLOSE HOLD

AVERAGE AGE OF FACILITIES

The Raw Score for this attribute is 41.48 average age per square foot.

<u>Inst Name</u>	<u>Percent 0-9</u>	<u>Percent 10-19</u>	<u>Percent 20-29</u>	<u>Percent 30-39</u>	<u>Percent 40-49</u>	<u>Percent 50+</u>
Fort Ritchie	6 ⁷	6 ⁷	3 [✓]	45 [✓]	10 [✓]	31 ^{✓ 50}
Site "R"	0	2	3	1	94	0
Totals	6	81	6	46	104	31

	Fort Ritchie	Site R	Total
percent 1st Column x 5	30 ³⁵	0	30
percent 2nd Column x 15	90 ⁷⁵	30	120
percent 3rd Column x 25	75 [✓]	75	150
percent 4th Column x 35	1,575 [✓]	35	1,610
percent 5th Column x 45	450 [✓]	4,230	4,680
percent 6th Column x 55	1,705 ¹⁶⁵⁰	0	1,705
Totals	3,925	4,370	8,295

Average Age of Facility	Fort Ritchie	$3,925/100 = 39.25$
Average Age of Facility	Site "R"	$4,370/100 = 43.70$
Average Age of Facility	Total	$8,295/200 = 41.48$

CLOSE HOLD

Fort Ritchie BRAC 95

Attribute POC/PHONE # _____ Attribute Score _____
Attribute Certified by _____

CLOSE HOLD

BARRACKS (UPH) AND FAMILY HOUSING

1. **DEFINITION:** Number of permanent, adequate barracks and family dwelling units (on and off-post).
2. **PURPOSE:** To measure the total availability of living quarters for unaccompanied officer, permanent party enlisted personnel, married/single parent soldiers and their families.
3. **METHODOLOGY:** Army Family Housing (AFH) information is obtained from the installations' segmented housing market analysis and adjusted with FY 90 Census and local installation data, DD Form 1523, Military Family Housing Justification, and DD 1410 Family Housing Inventory and Occupancy Report (validated by DAIM-FDH-M) by using HQRPLANS. Family housing assets in HQRPLANS include both government controlled assets and the installation's expected share of local economy assets. FCGs for family dwelling units are 7110F for on-post and (TBD) for off-post.
Unaccompanied Officer Personnel Housing (UOPH) is measured by the total number of permanent unaccompanied officer housing spaces available on the installation. The FCG is 72400.
Unaccompanied Enlisted Personnel Housing (UEPH) is measured by the total number of permanent enlisted member housing spaces on the installation. On-post available spaces are measured at no more than two persons per room at 90 NET square feet per person. The FCG is 7210S. UEPH also includes trainee assets. The FCG is 7218P. New barracks and AFH construction projects in the FY 91 - FY 95 Military Construction Program are counted as existing spaces on the installation.
4. **REFERENCES:** AR 415-15, AR 210-50, March 1994 HQRPLANS.
5. **UNIT OF MEASURE:** Family housing in dwelling units.
UOPH and UEPH in spaces.
6. **EQUATION:** Summation.
7. **CRITERION SCORING:** Higher number results in a better ranking.

CLOSE HOLD
Fort Ritchie BRAC 95

Attribute POC/PHONE # Mr. McDermott Attribute Score 2,937
(717)878-5127

Attribute Certified by WAD

CLOSE HOLD

BARRACKS (UPH) AND FAMILY HOUSING

The number of permanant adequate barracks and family dwelling units (on and off post) is 2,937 units.

From RPLANS

	FCG	Score
	7110F	340
	7110P	2,111
	7240P	32
	7210S	454
	<u>7218P</u>	<u>0</u>
Total		2,937

CLOSE HOLD

Fort Ritchie BRAC 95

Attribute POC/PHONE # _____ Attribute Score _____
Attribute Certified by _____

CLOSE HOLD

BASOPS/MISSION POPULATION

1. **DEFINITION:** Measure of the base operations (BASOPS) cost required to support mission population.
2. **PURPOSE:** To measure the relative cost of operating an installation in support of the mission requirements. This provides a relative cost factor used to assess the relative cost of operations of an installation.
3. **METHODOLOGY:** Report total Base Support cost data (RPMA payroll, RPMA Non-payroll, Base Communication Costs, BASOPS Payroll/Non-payroll) for each installation. Data provided should include all known costs paid for operation and support including reimbursable and RDTE. The total mission population supported is obtained from the Base Operations Support Mission Model (BOSMM) supported by USAFISA. Additionally, any government workspace provided to mission contractors will be included (do not include contractors providing base support functions).
4. **REFERENCES:**
 - a. Base Operations Support Manpower Model (BOSMM) for "mission" personnel.
 - b. Installation data validated by MACOMS for Total Base Support costs.
5. **UNIT OF MEASURE:** Dollars per mission population.
6. **EQUATION:** Total Base Support Costs/Total Mission Population.
7. **CRITERION SCORING:** The lower value results in a better ranking.

CLOSE HOLD

Fort Ritchie BRAC 95

Attribute/POC # _____ -Attribute Score _____
Attribute Certified By CLOSE HOLD Page 5 of 24

f. Family Programs, Accounts (878708,878719,878720)

In cases where a single fiscal station provides data for more than one installation, a breakout will be provided. Data provided should include all known costs paid for operation and support including reimbursable and RDTE. Additionally, any government workspace provided to contractors will be included. This not include contractors providing base support functions. *The mission population supported will be provided by HQDA.*

4. REFERENCES: Installation STANFINS 218 report data validated by MACOMS for Total Base Support costs.

5. UNIT OF MEASURE: Dollars per person per year.

6. EQUATION: Total Base Support Costs/Total Mission Population.

7. CRITERION SCORING: The lower value results in a better ranking.

For Info Only
Data will be provided by MDW

ENVIRONMENTAL CARRYING CAPACITY

1. **DEFINITION:** Composite consideration of various environmental factors.
2. **PURPOSE:** Measure the ability of the Army to conduct current missions, receive additional units and expand operations in light of environmental constraints.
3. **METHODOLOGY:** This is a measure of the following aspects of environmental carrying capacity:

<u>FACTOR</u>	<u>WEIGHT</u>
Archaeology & Historic Buildings	10
Endangered Species	15
Wetlands	15
Air Quality	15
Water Quality	15
Noise Quality:	
Zone II off post	10
Zone III off post	15
<u>Contaminated Sites</u>	<u>5</u>
Total	100

4. **REFERENCES:** The most recent reference as identified for each factor.
5. **UNIT OF MEASURE:** Composite index. A sub-model is used with the factors defined as:

Archeology/Historic Buildings Factor = A/B

A = (Number of sites/structures listed on the National Register (NR)) + (Number of sites determined eligible or potentially eligible for the NR)

Should be below 68

B = Total installation acres. = *include sites*

DATA Sources: Installation Cultural Surveys, Installation environmental office, National Register (NR), Installation Historic Preservation Plan, Installation EIS, SHPO.

Endangered Species Factor = Number of FEDERAL endangered and threatened species (plant or animal) present on the installation.

DATA Sources: Installation biological surveys, Installation Master Plan NEPA document or equivalent, Installation Environmental Office.

Wetlands Factor = A/Total Installation Acres

Attribute/POC # _____

-Attribute Score _____

Attribute Certified By CLOSE HOLD Page 10 of 24

A = Total wetlands acreage.

DATA Source: Installation wetlands inventory, National wetlands inventory, Installation master plan NEPA document or equivalent.

Air Quality Factor =

1 if air quality region is in attainment.
10 if air quality region is not in attainment.

DATA Source: AEHA surveys, Installation master plan NEPA document or equivalent, Installation Air Quality inventory.

Water Quality Factor = Number times the installation has exceeded the parameters of the NPDES permits during FY 1992.

DATA Source: Installation Environmental office, Installation Master plan NEPA document or equivalent.

Noise Quality Factor = Total area (acres) of AICUZ/ICUZ zones II and/or III that extend offpost.

DATA Sources: Installation Master plan NEPA document or equivalent, Installation ICUZ/AICUZ.

Contaminated Sites Factor = A+B

A = Total number of IRP sites

B = Total number of NPL sites

DATA Sources: USATHAMA surveys, Installation environmental office.

6. ATTRIBUTE SCORING: Composite number larger value is a better score.

Attribute POC/PHONE # Mr. Hofmann Attribute Score 180.7
(717) 878-4159
Attribute Certified by [Signature]

CLOSE HOLD

ENVIRONMENTAL CARRYING CAPACITY

The Raw Score for this attribute is 180.7

FACTOR	WEIGHT	x	SUB SCORE	=	FACTOR SCORE
Archaeology & Historic Buildings	10	x	0.0487	=	0.49
Endangered Species	15	x	0.0	=	0.00
Wetlands	15	x	0.0118	=	0.20
Air Quality	15	x	10.0000	=	150.00
Water Quality	15	x	2.0000	=	30.00 ⁴³
Noise Quality					
Zone II Off Post	10	x	0.0000	=	0.00
Zone III Off Post	15	x	0.0000	=	0.00
<u>Contaminated Sites</u>	<u>5</u>	<u>x</u>	<u>0.0000</u>	<u>=</u>	<u>0.00</u>
Total Raw Score					180.69 ^{195.7}

CLOSE HOLD

Fort Ritchie BRAC 95

Attribute POC/PHONE # _____ Attribute Score _____
Attribute Certified by _____

CLOSE HOLD

FAMILY HOUSING COST PER DWELLING UNIT (DU)

1. **DEFINITION:** Measure of the cost to maintain one set of family quarters at each installation.
2. **PURPOSE:** This attribute compliments the VHA Attribute. Together they provide an assessment of relative cost for housing a family at the installation.
3. **METHODOLOGY:** Number of on-post housing units as reported in HQRPLANS (March 1994). Cost information provided by the STANFINS 218 Report. Values generated by dividing an installation's average AFH Operations (AFHO) costs for three fiscal years (91,92,93) by the number of AFH units.
4. **REFERENCES:** March 1994 HQRPLANS and annual cost data from Resource Directorate for FY 91,92,93.
5. **UNIT OF MEASURE:** Dollars per AFH unit.
6. **EQUATION:** $(\text{AFHO obligations FY 91} + \text{AFHO obligations FY 92} + \text{AFHO obligations FY 93}) / 3 = \text{average AFHO costs/AFH units} = \text{Dollar cost per AFH unit.}$
7. **CRITERION SCORING:** Lower number results in better ranking.

CLOSE HOLD

Fort Ritchie BRAC 95

Attribute/POC # _____

-Attribute Score _____

Attribute Certified By _____

Page 11 of 24

CLOSE HOLD

FAMILY HOUSING COST PER DWELLING UNIT (DU)

1. DEFINITION: Measure of the cost to maintain one set of family quarters at each installation.
2. PURPOSE: This attribute compliments the VHA Attribute. Together they provide an assessment of relative cost for housing a family at the installation.
3. METHODOLOGY: Number of permanent on-post housing units as reported in the April 1994 HQRPLANS, NOT including leased assets. Cost information provided by the STANFINS 218 Report. Values generated by dividing an installation's average AFH Operations (AFHO) costs for three fiscal years (91,92,93) by the number of AFH units. Planned FY92-96 construction projects are counted as existing projects in HQRPLANS.
4. REFERENCES: April 1994 HQRPLANS and annual cost data from Resource Directorate for FY 91,92,93.
5. UNIT OF MEASURE: Dollars per AFH unit.
6. EQUATION: $(\text{AFHO obligations FY 91} + \text{AFHO obligations FY 92} + \text{AFHO obligations FY 93}) / 3 = \text{average AFHO costs/AFH units} = \text{Dollar cost per AFH unit}$.
7. CRITERION SCORING: Lower number results in better ranking.

Attribute POC/PHONE # Mr. Mulligan Attribute Score \$8,918.72
(717) 878-5127
Attribute Certified by *MM*

CLOSE HOLD

FAMILY HOUSING COST PER DWELLING UNIT (DU)

SCORE: The Raw Score for this attribute is \$8,918.72.

Number of Housing Units = 340

AFHO Obligations FY91 = \$3,816,535.36

AFHO Obligations FY92 = \$2,707,976.65

AFHO Obligations FY93 = \$2,572,577.67

Total cost (FY91, FY92, FY93) = \$9,097,089.68

Average cost Total cost/3 = \$9,097,089.68/3 = \$3,032,363.23

Average cost per unit = \$3,032,363.23/340 = \$8,918.72

NOTE: Fort Ritchie has one temporary Army Family Housing Unit in addition to the 340 Family Housing Units used above.

CLOSE HOLD

Fort Ritchie BRAC 95

Attribute POC/PHONE # _____ Attribute Score _____
 Attribute Certified by _____

CLOSE HOLD

INFORMATION MISSION AREA (IMA)

1. **DEFINITION:** Evaluation of existing IMA systems. The IMA systems to be evaluated are common user Telephone Switching System, Outside Cable Plant, Computers, Telecommunications Center (TCC), Local Area Network (LAN), Defense Data Network (DDN) Node, Video Teleconference (VTC).
2. **PURPOSE:** Evaluate IMA systems on the basis of available capacity, capability for expansion, and technology utilized.
3. **METHODOLOGY:** Utilized a questionnaire completed by the Installation Director of Information Management.
4. **REFERENCES:** Installation data Call. MACOM DCSIM staff validation of installation input.
5. **UNIT OF MEASURE:** As given in the table below.
6. **EQUATION:** A Decision Pad submodel is used.

IMA CATEGORY	SCORING	TOTAL
A. TELEPHONE SWITCHING		
1. Is Main DCOs digital switch? (if analog, go to Category B)	Yes = 5	
2. Percentage of Fill (Entire digital switch system)	<70%= 5 70-90%= 3 >90%= 1	
3. Lines (Equipped)	>5,000 = 5 2,500-5,000 = 3 <2,500 = 1	
4. Lines (Expandable To)	>10,000 = 5 5,000-10,000= 3 < 5,000 = 1	

CLOSE HOLD
Fort Ritchie BRAC 95

Attribute POC/PHONE # _____ Attribute Score _____
 Attribute Certified by _____

CLOSE HOLD

IMA CATEGORY	SCORING	TOTAL
	CATEGORY WEIGHT: 25 POINTS X TOTAL _____	

**B. OUTSIDE CABLE PLANT
 (IF LEASED, CATEGORY SCORE IS ZERO, GO TO CATEGORY C)**

1. OSCAR Implementation Phase (Choose only 1)	Phase 3 Complete = 5 Phase 2 Complete = 3 Phase 1 Complete = 1	
2. Cable Type (Choose only 1)	Fiber Backbone (DS3 MUX Rate) = 5 Mixed = 3 Copper = 1	
3. Percentage of Fill	<50% = 5 50-75% = 3 76-100% = 1	
	CATEGORY WEIGHT: 20 POINTS X TOTAL _____	

C. COMMON USER MAINFRAME SUPPORT

1. Mainframe (Choose 1 only, the highest available technology - equivalent to IBM Model)	IBM 3090 = 5 IBM 4381 = 4 IBM 4341 = 3 IBM 4361 = 2 IBM 4331 = 1	
2. Total MIPS	> 10 MIPS = 5 7-10 MIPS = 4 4-6 MIPS = 3 1-3 MIPS = 2	
3. ASIMS	RDC = 5 DPC = 3	

CLOSE HOLD

Fort Ritchie BRAC 95

Attribute POC/PHONE # _____ Attribute Score _____
 Attribute Certified by _____

CLOSE HOLD

D. DSN/DDN Node (Choose 1 only)		
DSN	Yes = 5	
MILNET	Yes = 5	
DISNET	Yes = 5	
SCINET	Yes = 5	
		CATEGORY WEIGHT: 5 POINTS X TOTAL _____
E. Post Wide WAN/LAN		
	Fiber Optic Yes = 5	
	Other Yes = 3	
		CATEGORY WEIGHT: 15 POINTS X TOTAL _____
F. TCC		
1. GENSER (Choose only 1)	AMS, DINAH, or FAST = 5	
	SRT = 3	
	DCT9000 or Mod 40 = 2	
	Courier Svc/Other = 1	
	None = 0	
2. DSSCS (Choose only 1)	Assist = 5	
	DCT9000 or Mod 40 = 3	
	Courier Svc/Other = 1	
	None = 0	
3. AMME or ASC	Yes = 5	
4. Comm. Secure Processor (CSP)	Yes = 5	
		CATEGORY WEIGHT: 5 POINTS X TOTAL _____

CLOSE HOLD
 Fort Ritchie BRAC 95

Attribute POC/PHONE # _____ Attribute Score _____
Attribute Certified by _____

CLOSE HOLD

G. VTC		
VTC facility	Yes = 3	
	CATEGORY WEIGHT: 15 POINTS X TOTAL _____	
	TOTAL Score	

7. ATTRIBUTE SCORING: A Higher number is a better score.

CLOSE HOLD
Fort Ritchie BRAC 95

INFORMATION MISSION AREA (IMA)

1. **DEFINITION:** Evaluation of existing IMA systems. The IMA systems to be evaluated are common user Telephone Switching System, Outside Cable Plant, Computers, Telecommunications Center (TCC), Local Area Network (LAN), Defense Data Network (DDN) Node, Video Teleconference (VTC).
2. **PURPOSE:** Evaluate IMA systems on the basis of available capacity, capability for expansion, and technology utilized.
3. **METHODOLOGY:** Utilized a questionnaire completed by the Installation Director of Information Management. Include programmed, funded equipment as installed and on hand.
4. **REFERENCES:** Installation data Call. MACOM DCSIM staff validation of installation input.
5. **UNIT OF MEASURE:** As given in the table below.
6. **EQUATION:** A Decision Pad submodel is used.

A. TELEPHONE SWITCHING

- | | |
|--|---|
| 1. Is Main DCOs digital switch?
(if analog, go to Category B) | Yes = 5 |
| 2. Percentage of Fill
(Entire digital switch system) | <70% = 5
70-90% = 3
>90% = 1 |
| 3. Lines (Equipped) | >5,000 = 5
2,500-5,000 = 3
<2,500 = 1 |
| 4. Lines (Expandable To) | >10,000 = 5
5,000-10,000 = 3
<5,000 = 1 |

CATEGORY WEIGHT: 25 POINTS X TOTAL _____

Fort Ritchie BRAC 95

Attribute/POC # _____ -Attribute Score _____
 Attribute Certified By CLOSE HOLD Page 13 of 24

B. OUTSIDE CABLE PLANT (IF LEASED, CATEGORY SCORE IS ZERO, GO TO CATEGORY C)

1. OSCAR Implementation Phase
(Choose only 1)

Phase 3 Complete	= 5
Phase 2 Complete	= 3
Phase 1 Complete	= 1
2. Cable Type
(Choose only 1)

Fiber Backbone (DS3 MUX Rate)	= 5
Mixed	= 3
Copper	= 1
3. Percentage of Fill

<50%	= 5
50-75%	= 3
76-100%	= 1

CATEGORY WEIGHT: 20 POINTS X TOTAL _____

C. COMMON USER SUPPORT

1. Common User Mainframe/Client Server-Architecture
(Choose 1 only, the highest available technology - equivalent to IBM Model)

IBM 3090 or Client Server	= 5
IBM 4381	= 4
IBM 4341	= 3
IBM 4361	= 2
IBM 4331	= 1
2. Total MIPS in Mainframe Environment:

> 10 MIPS	= 5
7-10 MIPS	= 4
4-6 MIPS	= 3
1-3 MIPS	= 2

OR

31+ MH	= 5
16-30 MH	= 3
1-15 MH	= 1
<1 MH	= 0

Server Speed (MEGAHERTZ) in Client-Server environment (choose speed related to majority of servers)
3. ASIMS

RDC	= 5
DPC	= 3
4. E-Mail
(Choose 1)

Sperry/MMDF	= 5
Other E-Mail	= 3
No E-Mail Host	= 0
5. Front End Processor (FEP) Yes = 5
6. Super Computer Yes = 5
7. Common User DASD (GIGABYTES)

6+ GB	= 5
4-6 GB	= 3
1-3 GB	= 1
<1 GB	= 0

CATEGORY WEIGHT 15 POINTS X TOTAL _____

Fort Ritchie BRAC 95

Attribute/POC # _____ -Attribute Score _____
Attribute Certified By _____ Page 14 of 24
CLOSE HOLD

D. DSN/DDN Node (Choose ALL THAT APPLY)

- DSN Yes = 5
- MILNET Yes = 5
- DISNET Yes = 5
- SCINET Yes = 5

CATEGORY WEIGHT: 5 POINTS X TOTAL _____

E. Post Wide WAN/LAN

- Fiber Optic Yes = 5
- Other Yes = 3

CATEGORY WEIGHT: 15 POINTS X TOTAL _____

F. TCC

1. GENSER (Choose only 1)
 - AMS, DINAH, MDT, FAST = 5
 - SRT = 3
 - DCT9000 or Mod 40 = 2
 - Courier Svc/Other = 1
 - None = 0
2. DSSCS (Choose only 1)
 - Assist = 5
 - DCT9000 or Mod 40 = 3
 - Courier Svc/Other = 1
 - None = 0
3. AMME or ASC Yes = 5
4. Comm. Secure Processor (CSP) Yes = 5

CATEGORY WEIGHT: 5 POINTS X TOTAL _____

G. VTC

- VTC facility Yes = 3

CATEGORY WEIGHT: 15 POINTS X TOTAL _____

TOTAL Score : Summation of category scores _____

7. ATTRIBUTE SCORING: A Higher number is a better score.

Attribute POC/PHONE # Gilbert J. Settlege/5651 Attribute Score 1370
 Attribute Certified by ///

CLOSE HOLD

INFORMATION MISSION AREA (IMA)

1. **DEFINITION:** Evaluation of existing IMA systems. The IMA systems to be evaluated are common user Telephone Switching System, Outside Cable Plant, Computers, Telecommunications Center (TCC), Local Area Network (LAN), Defense Data Network (DDN) Node, Video Teleconference (VTC).
2. **PURPOSE:** Evaluate IMA systems on the basis of available capacity, capability for expansion, and technology utilized.
3. **METHODOLOGY:** Utilized a questionnaire completed by the Installation Director of Information Management.
4. **REFERENCES:** Installation data Call. MACOM DCSIM staff validation of installation input.
5. **UNIT OF MEASURE:** As given in the table below.
6. **EQUATION:** A Decision Pad submodel is used.

IMA CATEGORY	SCORING	TOTAL
A. TELEPHONE SWITCHING		
1. Is Main DCOs digital switch? (if analog, go to Category B)	Yes = 5	5
2. Percentage of Fill (Entire digital switch system)	<70%= 5 70-90%= 3 >90%= 1	5
3. Lines (Equipped)	>5,000 = 5 2,500-5,000 = 3 <2,500 = 1	3
4. Lines (Expandable To)	>10,000 = 5 5,000-10,000= 3 < 5,000 = 1	5

CLOSE HOLD
Fort Ritchie BRAC 95

Attribute POC/PHONE # Gilbert J. Settlage/5651 Attribute Score 1370
 Attribute Certified by JA

CLOSE HOLD

IMA CATEGORY	SCORING	TOTAL
	CATEGORY WEIGHT: 25 POINTS X TOTAL <u>450</u>	

**B. OUTSIDE CABLE PLANT
 (IF LEASED, CATEGORY SCORE IS ZERO, GO TO CATEGORY C)**

1. OSCAR Implementation Phase (Choose only 1)	Phase 3 Complete = 5 Phase 2 Complete = 3 Phase 1 Complete = 1	5
2. Cable Type (Choose only 1)	Fiber Backbone (DS3 MUX Rate) = 5 Mixed = 3 Copper = 1	3
3. Percentage of Fill	<50% = 5 50-75% = 3 76-100% = 1	3
	CATEGORY WEIGHT: 20 POINTS X TOTAL <u>320</u>	

C. COMMON USER MAINFRAME SUPPORT

1. Mainframe (Choose 1 only, the highest available technology - equivalent to IBM Model)	IBM 3090 = 5 IBM 4381 = 4 IBM 4341 = 3 IBM 4361 = 2 IBM 4331 = 1	5
2. Total MIPS	> 10 MIPS = 5 7-10 MIPS = 4 4-6 MIPS = 3 1-3 MIPS = 2	4
3. ASIMS	RDC = 5 DPC = 3	3

CLOSE HOLD
 Fort Ritchie BRAC 95

Attribute POC/PHONE # Gilbert J. Settlege/5651 Attribute Score 1370
 Attribute Certified by [Signature]

CLOSE HOLD

4. E-Mail (Choose 1)	Sperry/MMDF = 5 Other E-Mail = 3 No E-Mail Host = 0	5
5. Front End Processor (FEP)	Yes = 5	5
6. Super Computer	Yes = 5	0
	CATEGORY WEIGHT: 15 POINTS X TOTAL <u>335</u>	

7. Common User DASD (Gigabytes)

6+ GB = 5
 4-6 GB = 3
 1-3 GB = 1
 < 1 GB = 0

5

CLOSE HOLD

Fort Ritchie BRAC 95

Attribute POC/PHONE # Gilbert J. Settlege/5651 Attribute Score 1370
 Attribute Certified by GH

CLOSE HOLD

D. DSN/DDN Node (Choose 1 only)		
DSN MILNET DISNET SCINET	Yes = 5 ✓ Yes = 5 ✓ Yes = 5 ✓ Yes = 5	15
		CATEGORY WEIGHT: 5 POINTS X TOTAL <u>75</u>
E. Post Wide WAN/LAN		
	Fiber Optic Yes = 5 Other Yes = 3	5
		CATEGORY WEIGHT: 15 POINTS X TOTAL <u>45</u>
F. TCC		
1. GENSER (Choose only 1)	AMS, DINAH, or FAST = 5 SRT = 3 DCT9000 or Mod 40 = 2 Courier Svc/Other = 1 None = 0	5
2. DSSCS (Choose only 1)	Assist = 5 DCT9000 or Mod 40 = 3 Courier Svc/Other = 1 None = 0	5
3. AMME or ASC	Yes = 5	5
4. Comm. Secure Processor (CSP)	Yes = 5	5
		CATEGORY WEIGHT: 5 POINTS X TOTAL <u>100</u>

CLOSE HOLD

Fort Ritchie BRAC 95

Attribute POC/PHONE # Gilbert J. Settlage/5651 Attribute Score 1370
Attribute Certified by JA

CLOSE HOLD

G. VTC		
VTC facility	Yes = 3	3
	CATEGORY WEIGHT: 15 POINTS X TOTAL <u>45</u>	
	TOTAL Score	1370

7. ATTRIBUTE SCORING: A Higher number is a better score.

CLOSE HOLD
Fort Ritchie BRAC 95

Attribute POC/PHONE # _____ Attribute Score _____
Attribute Certified by _____

CLOSE HOLD

INFRASTRUCTURE

1. **DEFINITION:** Capacity of water, sewage treatment, electrical distribution and cost of land fill.
2. **PURPOSE:** To measure the infrastructure capacity of the installation.
3. **METHODOLOGY:** Four aspects are considered:
 - a. Water: Capacity in terms of million gallons per day.
 - b. Sewage treatment: Capacity in terms of million gallons per day.
 - c. Electrical distribution: Capacity in terms of million kilowatt hours.
 - d. Land fill: Cost of land fill used by the installation in dollars per short ton (on or off post), determined based upon historical records.

Measures a,b,c should incorporate any new infrastructure capacity resulting from projects included in the FY 91 - FY 95 military construction program.

4. **REFERENCES:** Installation and MACOM engineer analysis based on the installation master plan (utilities analysis report). Lacking the installation master plan, the DEH utilities division will provide the information.
5. **UNIT OF MEASURE:** As described in methodology above.

7. ATTRIBUTE SCORING:

For submodel: Water, Sewage treatment, electrical distribution - A larger number is a better score. Land fill--A smaller cost is a better score.

For main model: A higher value results in a higher ranking.

CLOSE HOLD

Fort Ritchie BRAC 95

Attribute POC/PHONE # Mr. Mulligan Attribute Score See Below
(717) 878-5465
Attribute Certified by MM

CLOSE HOLD

INFRASTRUCTURE

The Raw Score for this attribute is:

WATER:	0.552 Million gallons per day
SEWAGE TREATMENT:	0.500 Million gallons per day
ELECTRICITY:	5,000 KVA.
LAND FILL:	65 Dollars per ton

WATER: A maximum of 552,000 gallons per day is available. Currently, useage is approximately 312,500 gallons per day which yields a reserve capacity of 200,000 gallons per day.

SEWAGE TREATMENT: The maximum capacity of the sewage treatment plant is 500,000 gallons per day as governed by the State of Maryland. The design capacity is 1,000,000 gallons per day. The current useage is 250,000 gallons per day which yields a reserve capacity of 250,000 gallons per day. The sewage treatment plant is owned by the Washington County Sanitary District.

ELECTRICITY: The actual electrical capacity is Kilowatt Hours is not known and can not be calculated. The design capacity of the Electrical distribution system is 5,000 KVA. The current useage 4,000 KVA which yields a reserve capacity of 1,000 KVA.

LAND FILL: Fort Ritchie has no land fills on the installation. The Trash Collection/Disposal is a CLIN item on the CA maintenance contract. The amount of the CLIN is \$19,977.81 per month. The \$65.00 per ton cost was obtained by phone call to the CA contractor and is the price paid to the Washington Township Landfill.

NOTE:

It should be noted that the above information is for Fort Ritchie only. The Infrastructure capacities for Site "R" are classified and can not be reported. However; there does exist reserve capacity for expansion at Site "R".

CLOSE HOLD

Fort Ritchie BRAC 95

Attribute POC/PHONE # _____ Attribute Score _____
Attribute Certified by _____

CLOSE HOLD

LOCALITY PAY FACTOR

1. **DEFINITION:** The relative differences in cost of civilian work force at each installation.
2. **PURPOSE:** To measure the relative cost of labor -- not cost of living -- from one geographical area to another. This is a measure of the relative cost of labor to the Army at the installation.
3. **METHODOLOGY:** Used the Locality-Based Comparability Payments for General Schedule employees. In high cost areas (NYC, San Francisco, Los Angeles) the index used will be 1.08 as established by the Federal Employees Pay Comparability Act of 1990. 1.08 index will also be used for Hawaii and Alaska since these areas receive COLA and not a locality pay amount.
4. **REFERENCES:** Locality-Based Comparability Payments Tables
5. **UNIT OF MEASURE:** Locality-Based Comparability Payment Index expressed as a percentage.
6. **EQUATION:** N/A.
7. **CRITERION SCORING:** Index from source tables -- lower index results in a higher ranking.

CLOSE HOLD

Fort Ritchie BRAC 95

LOCALITY PAY FACTOR

1. **DEFINITION:** The relative differences in cost of civilian work force at each installation.
2. **PURPOSE:** To measure the relative cost of labor -- not cost of living -- from one geographical area to another. This is a measure of the relative cost of labor to the Army at the installation.
3. **METHODOLOGY:** Used the Locality-Based Comparability Payments for General Schedule employees. In high cost areas (NYC, San Francisco, Los Angeles) the index used will be 1.08 as established by the Federal Employees Pay Comparability Act of 1990. 1.08 index will also be used for Hawaii and Alaska since these areas receive COLA and not a locality pay amount.
4. **REFERENCES:** Locality-Based Comparability Payments Tables
5. **UNIT OF MEASURE:** Locality-Based Comparability Payment Index expressed as a percentage.
6. **EQUATION:** N/A.
7. **CRITERION SCORING:** Index from source tables -- lower index results in a higher ranking.

For Info Only
Data will be provided by MDW

CLOSE HOLD

CHANGE 2 TO BRAC 95 IA PROGRAM

RANGES

1. **DEFINITION:** The total number of M-16 QUALIFICATION FIRING POINTS equipped with the Remote Target System (RETS), the number of Multi-Purpose Range Complexes (MPRC) and the availability of a standard design MOUT range and total number of ranges are weighted and combined to provide a measure of the overall capability of the installation's range structure.

2. **PURPOSE:** To evaluate the capability of the installation to support range operations such as qualification and live fire exercises.

3. **METHODOLOGY:** A Decision Pad submodel is used with the following weights given to each sub-element:

NUMBER OF MPRC RANGES	45 points
NUMBER OF RETS EQUIPPED M-16 QUALIFICATION FIRING POINTS	45 points
STANDARD MOUT RANGE AVAILABLE? YES =	5 POINTS
<u>TOTAL NUMBER OF RANGES</u>	<u>5 points</u>
Total	100 points

4. **REFERENCES:** April 1994 HQRPANS, validated TRAINLOAD data and installation data call as applicable.

5. **UNIT OF MEASURE:** All ranges, MPRC, and RETS equipped FIRING POINTS are measures in eaches. All ranges counted must be in operational condition and used for weapons firing. The total number of ranges displayed in HQRPANS (EEA 179&17R) include planned FY92-96 construction projects.

6. **EQUATION:** NA

7. **ATTRIBUTE SCORING:**

For submodel: A higher number is a better score.

For main model: The submodel rating is the input and a higher value results in a higher ranking.

CLOSE HOLD

Attribute POC/Phone CPT Helmer/277-6342 Attribut Score _____
Attribute Certified by mla

CLOSE HOLD

RANGES

ATTRIBUTE: Ranges

ATTRIBUTE DESCRIPTION: HQDA-provided standard

RAW SCORE:

Computation:	Number of MPRC Ranges	2 x 45 = 90
	Number of RETS Equipped M-16	
	Qualification Firing Points	0 x 45 = 0
	Standard MOUT Range Available?	No = 0
	Total Number of Ranges	2 x 5 = 10
	Total	<u>100 points</u>

CLOSE HOLD
Fort Ritchie BRAC 95

Attribute POC/PHONE # CPT Helmer/277-6342 Attribute Score _____
Attribute Certified by _____

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RANGES
Attribute

ATTRIBUTE: RANGES

ATTRIBUTE DESCRIPTION: HQDA-provided standard

RAW SCORE: 0

Computation:	Number of MPRC Ranges	0
	Number of RETS equipped M-16 Qualification	0
	Firing points	0
	Standard MOUT range available	0
	Total number of Ranges	0
	Total	0

*Qualification
Attribute
states 2
for 2004*

FOR OFFICIAL USE ONLY
FORT RITCHIE BRAC 95

CLOSE HOLD

CHANGE 2 TO BRAC 95 IA PROGRAM

RANGES

1. DEFINITION: The total number of M-16 QUALIFICATION FIRING POINTS equipped with the Remote Target System (RETS), the number of Multi-Purpose Range Complexes (MPRC) and the availability of a standard design MOUT range and total number of ranges are weighted and combined to provide a measure of the overall capability of the installation's range structure.

2. PURPOSE: To evaluate the capability of the installation to support range operations such as qualification and live fire exercises.

3. METHODOLOGY: A Decision Pad submodel is used with the following weights given to each sub-element:

NUMBER OF MPRC RANGES	45 points
NUMBER OF RETS EQUIPPED M-16 QUALIFICATION FIRING POINTS	45 points
STANDARD MOUT RANGE AVAILABLE?	YES = 5 POINTS
<u>TOTAL NUMBER OF RANGES</u>	<u>5 points</u>
Total	100 points

4. REFERENCES: April 1994 HQRPLANS, validated TRAINLOAD data and installation data call as applicable.

5. UNIT OF MEASURE: All ranges, MPRC, and RETS equipped FIRING POINTS are measures in eaches. All ranges counted must be in operational condition and used for weapons firing. The total number of ranges displayed in HQRPLANS (EEA 179&17R) include planned FY92-96 construction projects.

6. EQUATION: NA

7. ATTRIBUTE SCORING:

For submodel: A higher number is a better score.

For main model: The submodel rating is the input and a higher value results in a higher ranking.

CLOSE HOLD

Attribute POC/PHONE # R. T. Baker 301-878-5227 Attribute Score _____
Attribute Certified by R. Baker

CLOSE HOLD

LOCALITY PAY FACTOR

1. **DEFINITION:** The relative differences in cost of civilian work force at each installation.
2. **PURPOSE:** To measure the relative cost of labor -- not cost of living -- from one geographical area to another. This is a measure of the relative cost of labor to the Army at the Installation.
3. **METHODOLOGY:** Used the Locality-Based Comparability Payments for General Schedule employees.
4. **REFERENCES:** Locality-Based Comparability Payments Tables from the Federal Employees Pay Comparability Act of 1990.
5. **UNIT OF MEASURE:** For General Schedule Employees Fort Ritchie 1.0423 (Site R 1.0)
6. **EQUATION:** N/A.
7. **CRITERION SCORING:** Index from source tables -- lower index results in a higher ranking.

CLOSE HOLD

Fort Ritchie BRAC 95

Attribute POC/PHONE # _____ Attribute Score _____
Attribute Certified by _____

CLOSE HOLD

MAINTENANCE FACILITIES

- 1. DEFINITION:** Maintenance facilities are defined as the total permanent square footage of maintenance (aviation and vehicle) facilities on the installation.
- 2. PURPOSE:** To measure the installation capacity for providing permanent maintenance facilities. This is a measure used to assess the relative capability and suitability of the installation's facilities to support forces.
- 3. METHODOLOGY:** Summation of the total number of permanent square feet of maintenance facilities for the Essential Elements of Analysis (EEA) and Facility Category Groups (FCG) shown below:

<u>EEA</u>	<u>EEA DESCRIPTION</u>	<u>FCG</u>	<u>FCG DESCRIPTION</u>
210	AVIATION MAINT	21110	MNT HANGAR AVUM
		21111	MNT HANGAR AVIM
214	VEHICLE MAINT	21407	NG MAINT FAC
		21409	AR MAINT FAC
		21410	VEH MNT SH ORG
		21420	VEH MNT SHOP DS
		21800	SP PURP MNT SHP
		21900	MNT INST O&R

New construction projects in the FY 91 - FY 95 Military Construction Program are counted as existing assets.

- 4. REFERENCES:** March 1994 HQRPLANS.
- 5. UNIT OF MEASURE:** Thousands of gross square feet.
- 6. EQUATION:** Summation.
- 7. CRITERION SCORING:** Square Feet - higher number results in a better ranking.

CLOSE HOLD

Fort Ritchie BRAC 95

CLOSE HOLD

MAINTENANCE FACILITIES

1. DEFINITION: Maintenance facilities are defined as the total permanent square footage of maintenance (aviation and vehicle) facilities on the installation.
2. PURPOSE: To measure the installation capacity for providing permanent maintenance facilities. This is a measure used to assess the relative capability and suitability of the installation's facilities to support forces.
3. METHODOLOGY: Summation of the total number of permanent square feet of maintenance facilities for Facility Category Groups (FCG) shown below:

<u>FCG</u>	<u>FCG DESCRIPTION</u>
21110	MNT HANGAR AVUM
21111	MNT HANGAR AVIM
21407	NG MAINT FAC
21409	AR MAINT FAC
21410	VEH MNT SH ORG
21420	VEH MNT SHOP DS
21800	SP PURP MNT SHP
21900	MNT INST O&R

Planned FY92-96 construction projects are counted as existing projects in HQRPLANS.

4. REFERENCES: April 1994 HQRPLANS.
5. UNIT OF MEASURE: Thousands of gross square feet.
6. EQUATION: Summation.
7. CRITERION SCORING: Square Feet - higher number results in a better ranking.

Attribute POC/PHONE # Mr. Mulligan Attribute Score 55.396
(717) 878-5465
Attribute Certified by MM

CLOSE HOLD

MAINTENANCE FACILITIES

The Raw Score for Maintenance Facilities is 55.396 thousand gross square feet.

Fort Ritchie	38,879 sf
<u>Site "R"</u>	<u>16,517 sf</u>
Total	55,396 sf

Raw score = $55,396/1000 = 55.396$

CLOSE HOLD

Fort Ritchie BRAC 95

Attribute POC/PHONE # _____ Attribute Score _____
Attribute Certified by _____

CLOSE HOLD

MCA COST FACTOR

1. **DEFINITION:** Measure of the relative cost factor for construction at an installation.
2. **PURPOSE:** Indicates the relative difference between installations for construction of the same facility. Provides relative index on cost of capital investment for modernization or expansion of facilities. This is one of a series of factors used to access the relative cost of operations of an installation.
3. **METHODOLOGY:** Continental United States (CONUS) Installation Area Cost Factor (ACF) Index values from the Area Cost Factors and Unit Prices for FY 1996-1997..
4. **REFERENCES:** Area Cost Factors and Unit Prices for FY 1996-1997, Department of Defense Facility Construction, 20 August 1993.
5. **UNIT OF MEASURE:** ACF Index Value.
6. **EQUATION:** N/A.
7. **CRITERION SCORING:** ACF Index - lower value results in a better ranking.

CLOSE HOLD

Fort Ritchie BRAC 95

CLOSE HOLD

MCA COST FACTOR

1. **DEFINITION:** Measure of the relative cost factor for construction at an installation.
2. **PURPOSE:** Indicates the relative difference between installations for construction of the same facility. Provides relative index on cost of capital investment for modernization or expansion of facilities. This is one of a series of factors used to access the relative cost of operations of an installation.
3. **METHODOLOGY:** Continental United States (CONUS) Installation Area Cost Factor (ACF) Index values from the Area Cost Factors and Unit Prices for FY 1996-1997.
4. **REFERENCES:** Area Cost Factors and Unit Prices for FY 1996-1997, Department of Defense Facility Construction, 20 August 1993.
5. **UNIT OF MEASURE:** ACF Index Value.
6. **EQUATION:** N/A.
7. **CRITERION SCORING:** ACF Index - lower value results in a better ranking.

For Info Only
Data will be provided by MDW

Attribute POC/PHONE # Mr. Mulligan Attribute Score 0.92
(717)878-5465

Attribute Certified by [Signature]

CLOSE HOLD

MCA COST FACTOR

The Raw Score for MCA Cost Factor is 0.92.

CLOSE HOLD
Fort Ritchie BRAC 95

Attribute POC/PHONE # _____ Attribute Score _____
Attribute Certified by _____

CLOSE HOLD

MOBILIZATION CAPABILITY

1. **DEFINITION:** Capability of an installation to support the reconstitution of forces through the ability to billet, train, and deploy soldiers.
2. **PURPOSE:** To measure an installation's capacity to train, equip and deploy units in a time of national emergency. The Army's "Mobilization Stationing Strategy and Requirements Study" identified five critical mobilization attributes that an installation should possess: (1) billeting; (2) deployment network; (3) maintenance facilities; (4) ranges and training; and (5) geographic dispersion.
3. **METHODOLOGY:** A Decision Pad submodel is used with the following weights given to each sub-element:

<u>MEASURE</u>	<u>Points</u>
Mobilization billets	10
Deployment Network	10
Ranges	10
Net Maneuver Acres	10
Contiguous Maneuver Acres	10
<u>Work Space</u>	<u>10</u>
Total	60
4. **REFERENCES:**
 - a. DA PAM 210-7 for housing criteria; AMOPS Annex N. MACOM Reports (TRADOC-ATEN-24 Report, FORSCOM J-3 Installation Capability Spreadsheet).
 - b. Mobilization data will be obtained from MACOM mobilization planners using Army Mobilization Operations Planning System (AMOPS) data as of 1 AUG 92 and will be verified at the installation level.
5. **UNIT OF MEASURE:** Mobilization Billets are measured in spaces. Other IA attributes are measured as defined.
6. **EQUATION:** NA
7. **ATTRIBUTE SCORING:** A higher value is a better score.

CLOSE HOLD

Fort Ritchie BRAC 95

MOBILIZATION CAPABILITY

1. **DEFINITION:** Capability of an installation to support the reconstitution of forces through the ability to billet, train, and deploy soldiers.
2. **PURPOSE:** To measure an installation's capacity to train, equip and deploy units in a time of national emergency. The Army's "Mobilization Stationing Strategy and Requirements Study" identified five critical mobilization attributes that an installation should possess: (1) billeting; (2) deployment network; (3) maintenance facilities; (4) ranges and training; and (5) geographic dispersion.
3. **METHODOLOGY:** A Decision Pad submodel is used with the following weights given to each sub-element:

<u>MEASURE</u>	<u>Points</u>
Mobilization billets	10
Deployment Network	10
Ranges	10
Net Maneuver Acres	10
Contiguous Maneuver Acres	10
<u>Work Space</u>	<u>10</u>
Total	60

4. **REFERENCES:**
 - a. DA PAM 210-7 for housing criteria; AMOPS Annex N. MACOM Reports (TRADOC-ATEN-24 Report, FORSCOM J-3 Installation Capability Spreadsheet).
 - b. Mobilization data will be obtained from MACOM mobilization planners using Army Mobilization Operations Planning System (AMOPS) data as of 1 AUG 92 and will be verified at the installation level.
5. **UNIT OF MEASURE:** Mobilization Billets are measured in spaces. Other IA attributes are measured as defined.
6. **EQUATION:** NA
7. **ATTRIBUTE SCORING:** A higher value is a better score.

No Change

Attribute POC/PHONE # CPT Helmer/277-6342 Attribute Score _____
Attribute Certified by SGT

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MOBILIZATION CAPABILITY
ATTRIBUTE 15

ATTRIBUTE: MOBILIZATION CAPABILITY

ATTRIBUTE DESCRIPTION: HQDA-provided standard.

RAW SCORE:

DATA SOURCE:

Computation: permanent barracks space - 2,500
permanent officer spaces - 77

TOTAL 2,577

Installation No. 24625.

Deployment Network - N/A
Ranges - Two, four lane indoor ranges
Net Maneuver Acres - N/A
Contiguous Maneuver Acres - N/A
Work Space - Three Motorpool bays
Two electronics work bays (building 837)

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FORT RITCHIE BRAC 95

Attribute POC/PHONE # _____ Attribute Score _____
Attribute Certified by _____

CLOSE HOLD

OPS/ADMIN FACILITIES

- 1. DEFINITION:** Total square footage of permanent facilities used for operational/administrative functions.
- 2. PURPOSE:** To measure the installation capacity for providing permanent general purpose administrative and operational facilities. This is one of several factors used to assess the relative capability and suitability of the installation's facilities to support forces.
- 3. METHODOLOGY:** Summation of the total square feet of an installation's permanent operations/administrative facilities for the Essential Elements of Analysis (EEA) and Facility Category Groups (FCG) shown below:

<u>EEA</u>	<u>EEA DESCRIPTION</u>	<u>FCG</u>	<u>FCG DESCRIPTION</u>
141	UNIT OPS BLDGS	14112	AV UNIT OPS BLDG
140	OPERATIONS	14110	AF OPS BLDG
650	ADMINISTRATION	14182	BDE HQ BLDG
		14183	BN HQ BLDG
		14185	CO HQ BLDG
		61050	GEN PURPOSE ADMIN

New construction projects, funded in the FY 91 - FY 95 Military Construction Program are counted as existing assets.

- 4. REFERENCES:** HQRPLANS and installation validation.
- 5. UNIT OF MEASURE:** Thousands of gross square feet.
- 6. EQUATION:** Not applicable.
- 7. ATTRIBUTE SCORING:** Square Feet - higher value results in a better ranking.

CLOSE HOLD

Fort Ritchie BRAC 95

CLOSE HOLD

OPS/ADMIN FACILITIES

1. DEFINITION: Total square footage of permanent facilities used for operational/administrative functions.
2. PURPOSE: To measure the installation capacity for providing permanent general purpose administrative and operational facilities. This is one of several factors used to assess the relative capability and suitability of the installation's facilities to support forces.
3. METHODOLOGY: Summation of the total square feet of an installation's permanent operations/administrative facilities for the Facility Category Groups (FCG) shown below:

<u>FCG</u>	<u>FCG DESCRIPTION</u>
14112	AV UNIT OPS BLDG
14110	AF OPS BLDG
14182	BDE HQ BLDG
14183	BN HQ BLDG
14185	CO HQ BLDG
61050	GEN PURPOSE ADMIN

Planned FY92-96 construction projects are counted as existing projects in HQRPLANS.

4. REFERENCES: April 1994 HQRPLANS and installation validation.
5. UNIT OF MEASURE: Thousands of gross square feet.
6. EQUATION: Not applicable.
7. ATTRIBUTE SCORING: Square Feet - higher value results in a better ranking.

Attribute POC/PHONE # Mr. Mulligan Attribute Score 594.902
(717) 878-5465
Attribute Certified by MM

CLOSE HOLD

OPS/ADMIN FACILITIES

The Raw Score for OPS/Admin Facilities is 594.902 thousand gross square feet.

Fort Ritchie	182,660 sf
<u>Site "R"</u>	<u>412,242 sf</u>
Total	594,902 sf

Raw Score = $594,902/1000 = 594.902$

NOTE: Fort Ritchie has an additional 111,566 square feet of temporary OPS/Admin Facilities.

CLOSE HOLD

Fort Ritchie BRAC 95

Attribute POC/PHONE # _____ Attribute Score _____
Attribute Certified by _____

CLOSE HOLD

PERCENT PERMANENT FACILITIES

1. **DEFINITION:** Total square footage of all existing permanent buildings divided by total installation facilities square footage. This is a quality measure to reflect construction investment and WWII Wood elimination.
2. **PURPOSE:** To indicate the overall quality of the installation's facilities. The age of facilities is an indirect measurement of the quality of the installation's facility structure. Newer buildings are more comfortable, economical and safer than old buildings.
3. **METHODOLOGY:** Used total square footage of all existing permanent buildings divided by total installation facilities square footage. Projects in the FY 91 - FY 95 Military Construction Program are counted as existing permanent assets.
4. **REFERENCES:** March 1994 HQRPLANS.
5. **UNIT OF MEASURE:** Percent.
6. **EQUATION:** As above.
7. **CRITERION SCORING:** Percent number - higher number results in a better ranking.

CLOSE HOLD

Fort Ritchie BRAC 95

CLOSE HOLD

PERCENT PERMANENT FACILITIES

1. **DEFINITION:** Total square footage of all existing permanent buildings divided by total installation facilities square footage. This is a quality measure to reflect construction investment and WWII Wood elimination.

2. **PURPOSE:** To indicate the overall quality of the installation's facilities. The age of facilities is an indirect measurement of the quality of the installation's facility structure. Newer buildings are more comfortable, economical and safer than old buildings.

3. **METHODOLOGY:** Used total square footage of all existing permanent buildings divided by total installation facilities square footage. Planned FY92-96 construction projects are counted as existing projects in HQRPLANS.

4. **REFERENCES:** April 1994 HQRPLANS.

5. **UNIT OF MEASURE:** Percent.

6. **EQUATION:** As above.

7. **CRITERION SCORING:** Percent number - higher number results in a better ranking.

Attribute POC/PHONE # Mr. Mulligan Attribute Score 87%
(717)878-5465
Attribute Certified by MM

CLOSE HOLD

PERCENT PERMANENT FACILITIES

The Raw Score for Maintenance Facilities is 87 percent.

	Permanent sf	Total sf
Fort Ritchie	1,068,345 sf	1,317,860 sf
Site "R"	604,260 sf	604,915 sf
<u>Total</u>	<u>1,672,605</u>	<u>1,922,775 sf</u>

The Raw Score is $1,672,605/1,922,775 = 87\%$

CLOSE HOLD

Fort Ritchie BRAC 95

Attribute POC/PHONE # _____ Attribute Score _____
Attribute Certified by _____

CLOSE HOLD

RESERVE TRAINING

1. **DEFINITION:** A measure of support provided by an installation to the Reserve Components, including individual and unit training.

2. **PURPOSE:** To evaluate an installation on available capacity to support Reserve Component units and individuals during peacetime.

3. **METHODOLOGY:** Reserve Component support is evaluated using a Decision Pad submodel measuring and ranking the Annual Training (AT), Inactive Duty Training (IDT). Each of the above factors is measured for each installation. The raw data is used in the model and a weighted average score is calculated for each installation. This score will be calculated by taking a three-year average (FY 91-93).

4. **REFERENCES:** Training data, documented by the installation Director of Reserve Component Support (or its equivalent), and validated at installation level, will be used.

5. **UNIT OF MEASURE:**

- a. Annual Training is measured in number of personnel.
- b. Inactive Duty Training is measured in Mandays.

6. **EQUATION:** A Decision Pad submodel is used with the following weights given to each sub-element:

	<u>WEIGHT</u>
Annual Training (Number of People)	25
Inactive Duty Training (Mandays)	<u>75</u>
Total	100

7. **ATTRIBUTE SCORING:**

Raw data/number: A higher number is a better score.

For main model: A higher number is a better score.

CLOSE HOLD

Fort Ritchie BRAC 95

CLOSE HOLD

RESERVE TRAINING

1. DEFINITION: A measure of support provided by an installation to the Reserve Components, including individual and unit training.

2. PURPOSE: To evaluate an installation on available capacity to support Reserve Component units and individuals during peacetime.

3. METHODOLOGY: Reserve Component support is evaluated using a Decision Pad submodel measuring and ranking the Annual Training (AT), Inactive Duty Training (IDT). Each of the above factors is measured for each installation. The raw data is used in the model and a weighted average score is calculated for each installation. This score will be calculated by taking a three-year average (FY 91-93).

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5. UNIT OF MEASURE:

- a. Annual Training is measured in number of personnel.
- b. Inactive Duty Training is measured in Mandays.

6. EQUATION: A Decision Pad submodel is used with the following weights given to each sub-element:

	<u>WEIGHT</u>
Annual Training (Number of People)	25
Inactive Duty Training (Mandays)	<u>75</u>
Total	100

7. ATTRIBUTE SCORING:

- Raw data/number: A higher number is a better score.
- For main model: A higher number is a better score.

No Change

Attribute POC/PHONE # CPT Helmer/277-6342 Attribute Score _____
Attribute Certified by PH

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RESERVE TRAINING
ATTRIBUTE 18

ATTRIBUTE: Reserve Training

ATTRIBUTE DESCRIPTION: HQDA-provided standard

RAW SCORE: To be determined by HQDA

DATA SOURCE: Annual Training (AT) = 65 Personnel
Individual Duty Training (Mandays) - 2,340

* On 16 September 1994, HQDA has approved the establishment of U.S. Army Reserve (ISAR) Units/Detachments at Army Information Processing Centers (AIPC). One of those Detachments will be at FT. Ritchie, MD.

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FORT RITCHIE BRAC 95

Attribute POC/PHONE # _____ Attribute Score _____
Attribute Certified by _____

CLOSE HOLD

SUPPLY AND STORAGE FACILITIES

1. **DEFINITION:** Total permanent square footage of Supply and Storage facilities on an installation.
2. **PURPOSE:** To measure the installation capacity for providing permanent storage facilities. This is a measure used to assess the relative capability and suitability of the installation's facilities to support forces.
3. **METHODOLOGY:** Summation of the total number of permanent square feet of supply and storage facilities for the following Facility Category Groups (FCG) shown below:

FCGFCG DESCRIPTION

43200Cold Storage - Inst
44100Gen Purp Whse - Dep
44200Gen Purp Whse - Inst
44230Cont Hum Whse
44240Infl Matls Whse
44260Veh Stor Shed

New construction projects in the FY 91 - FY 95 Military Construction Program are counted as existing assets.

4. **REFERENCES:** March 1994 HQRPLANS.
5. **UNIT OF MEASURE:** Thousands of gross square feet.
6. **EQUATION:** Summation.
7. **CRITERION SCORING:** Higher number results in a better ranking.

CLOSE HOLD

Fort Ritchie BRAC 95

CLOSE HOLD

SUPPLY AND STORAGE FACILITIES

- 1. **DEFINITION:** Total permanent square footage of Supply and Storage facilities on an installation.
- 2. **PURPOSE:** To measure the installation capacity for providing permanent storage facilities. This is a measure used to assess the relative capability and suitability of the installation's facilities to support forces.
- 3. **METHODOLOGY:** Summation of the total number of permanent square feet of supply and storage facilities for the following Facility Category Groups (FCG) shown below:

<u>FCG</u>	<u>FCG DESCRIPTION</u>
43200	Cold Storage - Inst
44100	Gen Purp Whse - Dep
44200	Gen Purp Whse - Inst
44230	Cont Hum Whse
44240	Infl Matls Whse
44260	Veh Stor Shed

Planned FY92-96 construction projects are counted as existing projects in HQRPLANS.

- 4. **REFERENCES:** April 1994 HQRPLANS.
- 5. **UNIT OF MEASURE:** Thousands of gross square feet.
- 6. **EQUATION:** Summation.
- 7. **CRITERION SCORING:** Higher number results in a better ranking.

Attribute POC/PHONE # Mr. Mulligan Attribute Score 95.945
(717)878-5465
Attribute Certified by MM

CLOSE HOLD

SUPPLY/STORAGE FACILITIES

The Raw Score for Supply/Storage Facilities is 95.945 thousand gross square feet.

Fort Ritchie	73,941 sf
<u>Site "R"</u>	<u>22,004 sf</u>
Total	95,945 sf

Raw Score = $95,945/1000 = 95.945$

NOTE: Fort Ritchie has an additional 33,829 square feet of temporary Supply/Storage Facilities.

CLOSE HOLD

Fort Ritchie BRAC 95

Attribute POC/PHONE # _____ Attribute Score _____
Attribute Certified by _____

CLOSE HOLD

VARIABLE HOUSING ALLOWANCE (VHA) FACTOR

1. **DEFINITION:** Measure of the cost of variable housing allowance for military personnel living off-post.
2. **PURPOSE:** To measure cost of housing military personnel in communities surrounding the installation. This is an indicator of the location cost to the Army for assignment of military personnel to the installation.
3. **METHODOLOGY:** Used the information from the VHA Zip Code Microfiche, distributed to Finance Offices by ASA(FM), for January 1993. Summation of the "with dependents" rate for E5, W3 and 03 as representative of the grades at these installations.
4. **REFERENCES:** 1994 VHA Tables.
5. **UNIT OF MEASURE:** Dollars.
6. **EQUATION:**
E-5 w/dependents
+ W-3 w/dependents
+ O-3 w/dependents
BRAC 95 VHA FACTOR
7. **CRITERION SCORING:** Dollars - the lower value results in a higher rank.

CLOSE HOLD
Fort Ritchie BRAC 95

VARIABLE HOUSING ALLOWANCE (VHA) FACTOR

1. DEFINITION: Measure of the cost of variable housing allowance for military personnel living off-post.
2. PURPOSE: To measure cost of housing military personnel in communities surrounding the installation. This is an indicator of the location cost to the Army for assignment of military personnel to the installation.
3. METHODOLOGY: Used the information from the VHA Zip Code Microfiche, distributed to Finance Offices by ASA(FM), for January 1993. Summation of the "with dependents" rate for E5, W3 and O3 as representative of the grades at these installations.
4. REFERENCES: 1994 VHA Tables.
5. UNIT OF MEASURE: Dollars.
6. EQUATION:
E-5 w/dependents
+ W-3 w/dependents
+ O-3 w/dependents
BRAC 95 VHA FACTOR
7. CRITERION SCORING: Dollars - the lower value results in a higher rank.

For Info Only
Data will be provided by MDW

Attribute POC/Phone # Ms. Marty Shaffer/277-5055 Attribute Score _____
Attribute Certified by mlal

CLOSE HOLD

VARIABLE HOUSING ALLOWANCE (VHA) FACTOR

E-5 w/dependents	\$ 39.70/mo
W-3 w/dependents	\$121.10/mo
0-3 w/dependents	<u>\$ 63.06/mo</u>
Total	\$223.86/mo
	\$2,686.32/year

Information taken from the 1994 VHA Table per coordination with Larry Rudisill, DAO, phone DSN 277-5018.

CLOSE HOLD
Ft Ritchie BRAC 95

CLOSE HOLD

DEPLOYMENT NETWORK

1. DEFINITION: The distance from installation to its critical deployment structure: airfields, ports, railheads and interstate highways.

2. PURPOSE: To evaluate installation's capability to support deployments, which is an important element in projecting land forces to locations outside the United States.

3. METHODOLOGY: The distances (in miles) from installation to interstate highway, railhead, C-141/747 capable airport and Ocean vessel capable seaport. A Decision Pad submodel is used giving each factor the following weights:

<u>Distance to Facility</u>	<u>Points</u>
Railhead	30
Airport	30
Seaport	30
<u>Highway</u>	<u>10</u>
Total	100

4. REFERENCES: FORSCOM Mobilization Expansion Capability Worksheet, TRADOC Pam 210-2, and MACOM validation. Air field distance will be validated by the installations USAF (Air Combat Command) Liaison Officer.

5. UNIT OF MEASURE: Miles.

6. EQUATION: This rating is determined by using a Decision Pad submodel.

7. ATTRIBUTE SCORING:

For submodel: A lower number (for distance) is a higher score.

For main model: A higher value results is a better score.

Attribute POC/PHONE # CPT Helmer/277-6342 Attribute Score _____
Attribute Certified by PH

FOR OFFICIAL USE ONLY

DEPLOYMENT NETWORK
ATTRIBUTE

ATTRIBUTE: DEPLOYMENT NETWORK

ATTRIBUTE DEFINITION: The distance from installation to its critical deployment structure: airfields, ports, railheads and interstate highways.

RAW SCORE:

DATA SOURCE:

Computation: Distance to Facility

<u>Railhead</u>	<u>1 Mile</u>
<u>Airport</u>	<u>40 Miles</u>
<u>Seaport</u>	<u>73 Miles</u>
<u>Highway</u>	<u>15 Miles</u>

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FORT RITCHIE BRAC 95

CLOSE HOLD

CHANGE 2 TO BRAC 95 IA PROGRAM

RANGES

1. **DEFINITION:** The total number of M-16 QUALIFICATION FIRING POINTS equipped with the Remote Target System (RETS), the number of Multi-Purpose Range Complexes (MPRC) and the availability of a standard design MOUT range and total number of ranges are weighted and combined to provide a measure of the overall capability of the installation's range structure.

2. **PURPOSE:** To evaluate the capability of the installation to support range operations such as qualification and live fire exercises.

3. **METHODOLOGY:** A Decision Pad submodel is used with the following weights given to each sub-element:

NUMBER OF MPRC RANGES	45 points
NUMBER OF RETS EQUIPPED M-16 QUALIFICATION FIRING POINTS	45 points
STANDARD MOUT RANGE AVAILABLE?	YES = 5 POINTS
<u>TOTAL NUMBER OF RANGES</u>	<u>5 points</u>
Total	100 points

4. **REFERENCES:** April 1994 HQRPLANS, validated TRAINLOAD data and installation data call as applicable.

5. **UNIT OF MEASURE:** All ranges, MPRC, and RETS equipped FIRING POINTS are measures in eaches. All ranges counted must be in operational condition and used for weapons firing. The total number of ranges displayed in HQRPLANS (EEA 179&17R) include planned FY92-96 construction projects.

6. **EQUATION:** NA

7. **ATTRIBUTE SCORING:**

For submodel: A higher number is a better score.

For main model: The submodel rating is the input and a higher value results in a higher ranking.

CLOSE HOLD



MDW BRAC 95

FT RITCHIE DATA CALL



- 29 MAY 94 TABS Data Call
- 29 JUN 94 TABS Data Call 3 & 4
- 29 JUN 94 TABS Team visit to Installation
- 29 NOV 94 TABS Data Call Clarification - Includes DISA unusual costs

- 9 DEC 94 TABS Data Call Clarification - Unusual Costs revised
-- Includes DISA

- 13 DEC 94 Submit ASIP update to ACSIM & TABS - Includes DISA

- 13 DEC 94 Request Ritchie submit AR 5-10 pkg for DISA

- 26 JAN 95 Ft Ritchie reply

- 10 FEB 95 Request Ritchie complete DISA AR 5-10 pkg

- 24 FEB 95 ASIP published using SAMAS as of Nov 94 - Includes DISA