

# **BRAC and Fort Monmouth**

## ***A Community Viewpoint***



# Military Value

- **We endorse the Military Value criterion**
- **You have heard from the Fort:**
  - **Relevant to the War**
  - **Transformation Life Cycle process in place**
  - **Talent ( Government and contactor) creates the military value**
  - **Center of Mass in C4ISR**
- **BRAC rates Monmouth twice as good as Aberdeen in Military Value scores**
  - **Why move 100% of the top team to place w/o requisite capability?**
  - **“Mountain to Mohammed”**

# 5 Points

- **1. Intellectual Capital**
  - Losses not considered
  - No other S&E Workforce being closed
- **2. Disruption risk ... not considered**
- **3. So-called “T&E” issue ... red herring**
- **4. Jointness ... not considered**
- **5. Cost credibility**

# 1. Intellectual Capital

- **High skill people create military value**
  - **Especially in C4ISR ... people = critical infrastructure**
  - **It is a Government + Contractor workforce**
  - **NJ Science and Engineering workforce = #1**
  - **No accident that Fort Monmouth succeeds ... NJ communications, IT, electronics culture is strong**
- **LARGE LOSSES ANTICIPATED ... 80%+**
  - **Inconsistent With DoD Technical Workforce Concerns**
- **Cost to regain losses not considered**
  - **Time, \$\$\$, or security impact**

## **Dr. Sega, DDR&E--- “The Department Is Struggling To Recruit Enough Engineers”**

- **Dr. Sega Testimony**

- **Growing & Increasing Concern**
- **60% Federal Employees Over 45 Years Old**
- **Significant Number Of Workforce With Valuable Skills Will Be Eligible For Retirement**
- **Declining Supply Of U.S. Citizens Awarded Degrees In Defense Related S&E Fields**
- **DoD Will Face Increased Competition With Domestic & Global Commercial Interests For Top Notch Cleared People**

- **Defense Department Needs To Hire 14,000 E&S Next Year----Federal Times 7 Feb. 2005**

## Statistics--- Ft. Monmouth/Belvoir

Discipline	# People	Degrees BS/BA, M, PhD	Clearances Conf.—TS/SCI
<b>R&amp;D</b>	<b>2055</b>	<b>1688 (82%)</b>	<b>2055 (100%)</b>
<b>DA (PEO/PM)</b>	<b>537</b>	<b>344 (64%)</b>	<b>537 (100%)</b>
<b>Contractors (sample of 9)</b>	<b>1221</b>	<b>804 (72%)</b>	<b>1139 (93%)</b>

- **Highly Technical & Highly Educated Workforce—Gov't & Contractor**
- **Most All Have Security Clearances Secret Or Above**
- **Majority Of Government Workers Are Acquisition Certified**
- **1221 Of Approximately 4000 Contractors Surveyed**
- **Normally Retirement Eligible Stay Until Age 61-----**
  - **BRAC Will Force An Early Decision To Leave**
- **Ft. Monmouth Hired 1599 New People In The Last 4 Years; 86% From Industry & Academia**

# How Many Will Go!!

	Activity	From	To	Total	% Moved
BRAC 95	Signal Warfare	Vint Hill VA.	Ft. Mon. NJ	180	29 (16%)
BRAC 93	Elec. Tech Dev. Lab	Ft. Mon. NJ	Adelphi VA.	300	40 (13%)
1990	TMDE	Ft. Mon NJ	Huntsville AL	40	1 (2%)
1980	Laser Tech Div.	Ft. Mon NJ	Belvoir VA	50	5 (10%)

- Using 20% Going--- We Need 1644 New Hires E & S All Cleared At The Secret To SCI Level---- Just The R&D Staff Considered
- Contractor Statistic For Vint Hill To Ft. Monmouth--- 15 of 150 Moved ----10%

## **2. Disruption**

- **Disruption assured with loss of workforce**
  - **Immediate impact on:**
    - **Rapid response to WAR**
    - **Sustainment of existing systems**
- **Decade-long top priority (C4ISR enablement of Net-centric warfare) ... suddenly disrupted**
  - **Why abandon that priority now?**
- **Cost of program disruption ... not considered**

# 3. T&E Red Herring

## BRAC Report:

“ ... move to gain RDA and T&E efficiencies...”

## T&E primer:

Monmouth

Dix-Lakehurst

Huachuca

Ft. Hood, etc

Aberdeen

Component Tests, Demos, Experiments

Demos, Experiments

Designated Army DT&E Center

Large exercises & OT&E

none of the above

## BRAC Tech JCSG Report:

Never mentions T&E

Internal BRAC Inconsistencies

# **ELECTRONIC PROVING GROUND, Ft. Huachuca**

## ***THE DESIGNATED TEST LOCATION FOR C4I***

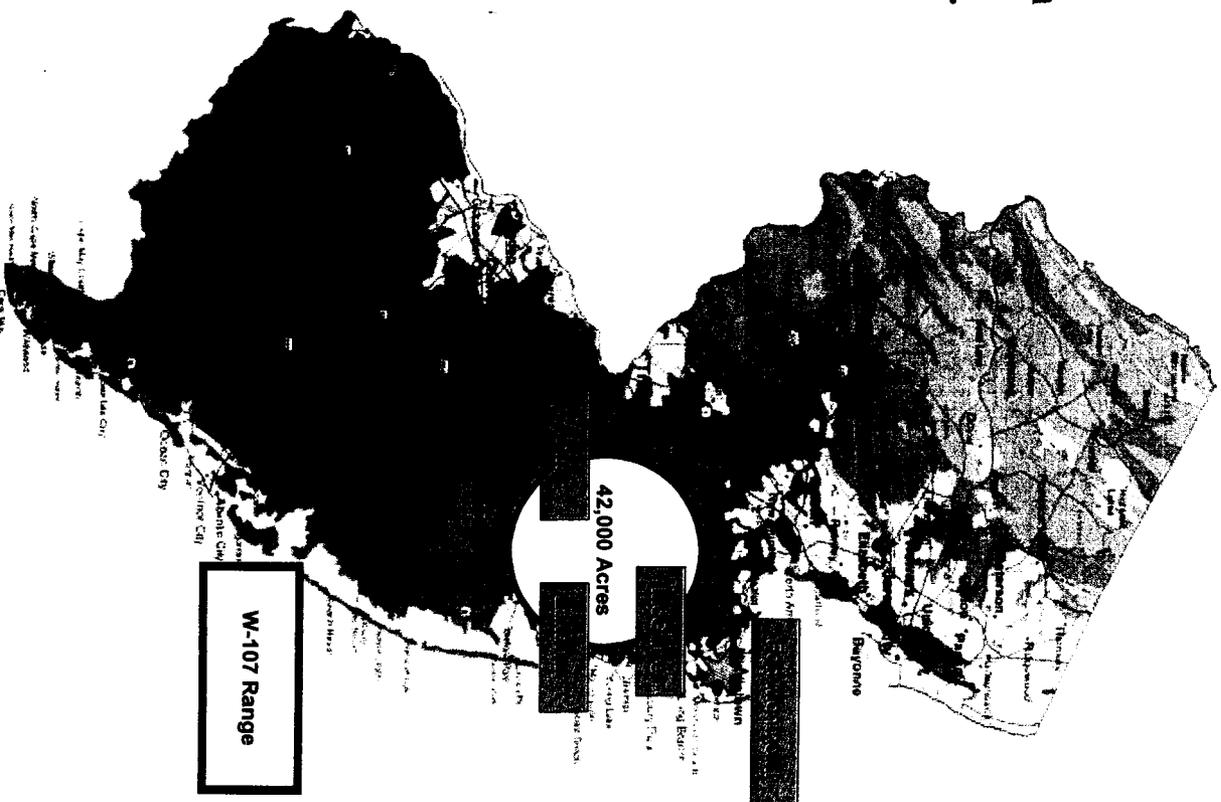
- ***Why There*** ---Remote Location & Environment Free Of Radio-Frequency Interference---A Critical Requirement
- **Examples of Major C4I Systems Tested (All Ft. Monmouth Systems)**
  - Force XXI Battle Command Brigade & Below
  - Stryker-- RSTA; C2; Communications
  - Army Airborne Command & Control System
  - Joint Tactical Radio System
  - Enhanced Position Location Reporting System
  - Suite Of Integrated Infrared Countermeasures System
  - Single Channel Ground & Airborne Radio System
  - Global Positioning System
  - Prophet Signals Intelligence & EW System
  - UAVs With Sensors

## 4. Jointness

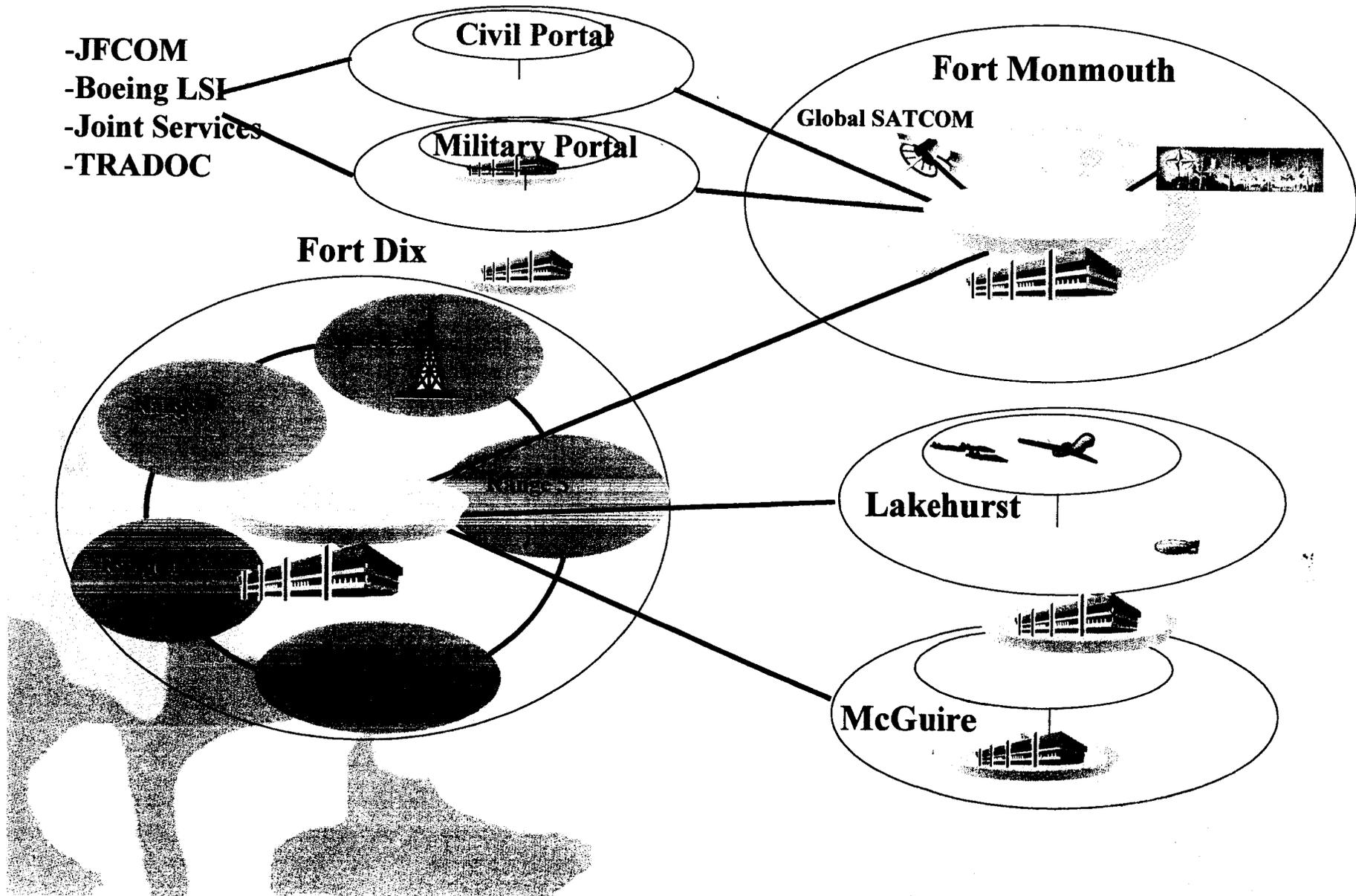
- A BRAC Criterion ... not addressed
  - Nor was the existing Monmouth – Dix/Lake/McGuire joint capability recognized
  - Joint capability = Dix, Lakehurst, McGuire, W-107 and Monmouth ... in close proximity
- Monmouth linked to Nearby Joint Complex by high bandwidth ... and then to the rest of DOD
- Fort Monmouth currently running many Joint and Intelligence Community projects now

# JOINT TESTING & EXPERIMENTATION ALREADY IN PLACE

- Land, Air, & Sea Experimentation In Place & Linked To Premier C4ISR Labs
  - Air Force, Marine, Army Reserve Participation To Date
- 42,000 Contiguous Land Acres Already Under A Joint Basing Concept
- W-107 Provides Connectivity To Ships At Sea
- Significant Infrastructure Costs Already In Place
  - Data Collection
  - Data Analysis
- Army Test & Evaluation Command, Reserve Units, TRADOC Futures, etc Already Engaged In Yearly Experiments
- Experiments Normally Followed By Evaluation At TRADOC School & Active Force Units
- >25% of Army Reserve & Guards Located Within 200 Miles Radius
- Experiments Bridge Current & Future Force Concepts & Provide Valuable Feedback To Future Technology



# New Jersey Joint Base Infrastructure



# 5. Cost Credibility

- **80% workforce loss**
  - replacement costs not considered
- **Program disruption costs... not considered**
  - \$\$\$, time or security impact
- **Continuity of ops costs ... not considered**
- **Aviation R&D and demo costs ... not considered**
- **Cost to re-create Dix demo capability at Aberdeen ... not considered**
- **COBRA costs appear understated by \$xxxM**

# Other Considerations

- **Community Impact**
  - 5000 Government Jobs; 15,000 Local Community
  - Approx. \$3B ON NJ GDP
- **NJ Is A Military Friendly And Patriotic State**
- **BRAC Did Not Consider VA Clinic**
- **BRAC Did Not Consider FBI Center**
- **BRAC Did Not Consider Homeland Security**
  - National Research Council Report Of Army C4ISR
  - 911 Commissioner Testimony
  - Proximity To NYC
- **Closing Fort Monmouth Is Unique In BRAC**
  - Only Base Where Entire S&E Workforce Is Dislocated
- **Monmouth County = Top Place To Live**
  - Education, Transportation, Low Crime, Health Care, Recreation

# Summary

- **BRAC Recommendation Not Supportable**
- **Ft. Monmouth Is Critical To The Warfighter**
  - **Now**
  - **And for Future R&D to Acquisition to Field Support challenges**
- **Disruption Will Occur .. Workforce Unlikely To Move**
- **Costs & Security Consequences Of Workforce Losses Was Not Considered**
- **Fort Monmouth Has Strong Joint Position, *Strong Military Value Position--Especially When Compared To The BRAC Recommendation***