



## *United States Army*

**Major General MICHAEL R. MAZZUCCHI**

**Commanding General  
United States Army Communications-Electronics  
Command and Fort Monmouth/Program Executive Officer  
Command, Control, and Communications (Tactical)  
Fort Monmouth, New Jersey 07703  
since June 2004**



SOURCE OF COMMISSIONED SERVICE ROTC

MILITARY SCHOOLS ATTENDED

Signal Officer Basic and Advanced Courses  
United States Army Command and General Staff College  
United States Army War College  
National Security Management

EDUCATIONAL DEGREES

Purdue University – BS – Electronic Engineering  
United States Air Force Institute of Technology – MS – Electronic Engineering

FOREIGN LANGUAGE(S) None recorded

PROMOTIONS

DATE OF APPOINTMENT

2LT	7 Jun 72
1LT	7 Jun 74
CPT	7 Jun 76
MAJ	1 Dec 83
LTC	1 Jan 90
COL	1 Apr 95
BG	1 Sep 00
MG	1 Jul 04

MAJOR DUTY ASSIGNMENTS

<u>FROM</u>	<u>TO</u>	<u>ASSIGNMENT</u>
Aug 72	Feb 73	Mechanical Equipment Maintenance Officer, Headquarters and A Company, 85th Maintenance Battalion, United States Army Europe, Germany
Feb 73	Jan 74	Operations Officer, Headquarters and Headquarters Detachment, 85th Maintenance Battalion, United States Army Europe, Germany
Feb 74	Mar 76	Shop Officer, later Supply and Service Officer, 531st Maintenance Company, 85th Maintenance Battalion, United States Army Europe, Germany
Mar 76	Apr 79	Communications and Electronics Staff Officer, later Commander, Headquarters and Headquarters Company, 10th Transportation Battalion, 7th Transportation Group, Fort Eustis, Virginia

DCN 11645  
 Major General MICHAEL R. MAZZUCCHI

Apr 79	May 80	Student, Signal Officer Advanced Course, United States Army Signal Corps and Fort Gordon, Fort Gordon, Georgia
May 80	Dec 81	Student, Air Force Institute of Technology, Wright-Patterson Air Force Base, Ohio
Dec 81	Jun 85	Test and Evaluation Officer, later Executive Officer Headquarters, United States Army Electronic Proving Ground, Fort Huachuca, Arizona
Jun 85	Jun 86	Student, United States Army Command and General Staff College, Fort Leavenworth, Kansas
Jun 86	Dec 88	Electronics Engineer, later Project Engineer, later Research Coordinator, Office of the Secretary of the Air Force, Washington, DC (with duty at Los Angeles Air Force Base, California)
Dec 88	Dec 90	Product Manager, Defense Mobilization Systems Planning Activity (DMSPA), Washington, DC
Jan 91	Jun 91	Student, Program Management Course, Defense Systems Management College, Fort Belvoir, Virginia
Jun 91	Jan 92	Senior Communications/Electronics Engineer, Office of the Secretary of the Army, Command Systems Integration Agency, Washington, DC
Jan 92	Jun 94	Product Manager, Tactical Satellite Terminals, Program Executive Office, Communication Systems, Fort Monmouth, New Jersey
Jul 94	Jun 95	Student, United States Army War College, Carlisle Barracks, Pennsylvania
Jun 95	Jun 96	Project Manager, MILSTAR (Army), Program Executive Office, Command, Control, and Communications Systems, Fort Monmouth, New Jersey
Jun 96	Mar 99	Project Manager, Military Satellite Communications, Program Executive Office, Command, Control, and Communications Systems, Fort Monmouth, New Jersey
Mar 99	Jul 99	Assistant Program Executive Officer Command, Control, and Communications Systems/Director, Whitfill Central Technical Support Facility, Program Executive Office Command, Control, and Communications Systems, Fort Monmouth, New Jersey
Jul 99	Jun 01	Deputy for Systems Acquisition, United States Army Communications-Electronics Command and Fort Monmouth, Fort Monmouth, New Jersey
Jun 01	Jun 04	Program Executive Officer, Command, Control, and Communications (Tactical), Fort Monmouth, New Jersey

SUMMARY OF JOINT ASSIGNMENTS

	<u>Dates</u>	<u>Rank</u>
Electronics Engineer, later Project Engineer, later Research Coordinator, Office of the Secretary of the Air Force, Washington, DC (with duty at Los Angeles Air Force Base, California)	Jun 86 – Dec 88	Major
Product Manager, Defense Mobilization Systems Planning Activity (DMSPA), Washington, DC	Dec 88 – Dec 90	Lieutenant Colonel

US DECORATIONS AND BADGES

Legion of Merit (with Oak Leaf Cluster)  
 Defense Meritorious Service Medal (with Oak Leaf Cluster)  
 Meritorious Service Medal (with 2 Oak Leaf Clusters)  
 Army Commendation Medal  
 Army Achievement Medal  
 Air Force Senior Space Badge  
 Office of the Secretary of Defense Identification Badge

As of 31 May 2005



# BIOGRAPHY

## MAJOR GENERAL MICHAEL R. MAZZUCCHI

COMMUNICATIONS-ELECTRONICS COMMAND  
AND  
PROGRAM EXECUTIVE OFFICER  
COMMAND, CONTROL, COMMUNICATIONS-  
TACTICAL  
FORT MONMOUTH, NEW JERSEY

Major General Michael R. Mazzucchi currently serves as the Commanding General, Communications-Electronics Command (CECOM) and Program Executive Officer for Command, Control, Communications-Tactical (PEO C3T). In this position he directs the development, acquisition, integration and sustainment- in short, the life cycle management- of the systems that tie together all of the Army's battlefield mission areas – maneuver control, fire support, air defense, intelligence, combat services support, tactical radios, satellite communications and warfighter information network. This includes a major role in introducing new digital battle command technologies fielded to forces engaged in the global war on terrorism.

General Mazzucchi has served as the CECOM Deputy for Systems Acquisition & Director, CECOM Systems Management Center and as Assistant Program Executive Officer for Integration and Director of the Central Technical Support Facility at Fort Hood, Texas. Previous assignments include Project Manager, MILSATCOM and Product Manager, Tactical Satellite Terminals, both at Fort Monmouth N.J.

A graduate of Purdue University with a degree in Electrical Engineering, he also holds a Masters of Science in Electrical Engineering from the Air Force Institute of Technology. His military education



includes the Command and General Staff College; the Defense Systems Program Management Course; the Army War College; and the National Security Leadership Course.

Major General Mazzucchi has received the Legion of Merit medal (with Oak Leaf Cluster), the Defense Meritorious Service Medal (with Oak Leaf Cluster); the Meritorious Service Medal (with two Oak Leaf Clusters); and the Army Commendation and Achievement Medals. He is authorized to wear the Office of the Secretary of Defense Identification Badge and the Air Force Senior Space Operations Badge.

He and his wife, the former Linda L. Crenshaw, have a son, Steve, a daughter, Rachel, married to son-in-law Brian Elliff, and a granddaughter, Lauren.

VICTOR J. FERLISE  
Deputy to the Commanding General  
For Operations and Support  
U.S. Army Communications-Electronics Life Cycle Management Command  
Fort Monmouth, New Jersey

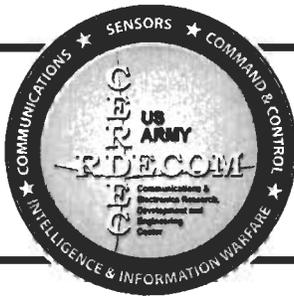
Victor J. Ferlise assumed the responsibilities of Deputy to the Commanding General for Operations and Support for the Communications-Electronics Life Cycle Management Command on February 2, 2005. Prior to that date, he served as Deputy to the Commanding General U.S. Army Communications-Electronics Command. He was appointed to the Senior Executive Service in 1983.

Mr. Ferlise was born in Hackensack, New Jersey in 1945. He began his government service at Fort Monmouth in 1971. He received a Bachelor of Science Degree from Newark College of Engineering, now the New Jersey Institute of Technology. Mr. Ferlise also holds a Juris Doctor Degree from Temple University School of Law.

Mr. Ferlise has direct responsibility for six major business units of the Communications-Electronics Life Cycle Management Command (CE-LCMC): the Logistics and Readiness Center, the Acquisition Center, the Software Engineering Center, the Information Systems Engineering Command and Tobyhanna Army Depot. He also has direct oversight of the Command Legal Office and the Homeland Security Special Projects Office. The CE-LCMC awards contracts valued at almost \$8 billion annually manages over 78,000 items and has a worldwide workforce of over 9,600. Prior to joining the government, Mr. Ferlise was employed as an engineer with the General Electric Company in Philadelphia.

Mr. Ferlise served as the Chief Counsel of the Legal Office at Fort Monmouth prior to his appointment as the Deputy to the Commanding General. He has received numerous civilian awards and decorations, most notably the Distinguished and Meritorious Presidential Rank Awards and the Army Exceptional Civilian Service Award. President George Bush personally presented the Distinguished Presidential Rank Award to Mr. Ferlise during a ceremony in Washington DC in October 2001. He is the recipient of the 2002 Roger Jones Award for outstanding Executive Leadership in the Federal Sector from American University. He was recognized as the 2003 Distinguished Alumnus of New Jersey Institute of Technology. Mr. Ferlise is licensed to practice in all courts of New Jersey, the Federal District Court, the United States Supreme Court and the United States Patent and Trademark Office.

He has been an instructor in the Graduate Acquisition Program at Monmouth University, a member of the Executive Advisory Council for its School of Science, Technology and Engineering and a member of the Governor's Council on Armed Forces and Veterans' Affairs. He is also a member of the New Jersey Research and Development Council and a liaison to the SMART (Strengthening the Mid-Atlantic Region for Tomorrow) Board of Directors. He is also a member of the Board of Trustees of Monmouth Medical Center. Mr. Ferlise is the author of "Innovations in Logistics Modernization," an article published in the May-June 2000 issue of Program Manager Magazine.



# BIOGRAPHY

## **Mr. Gary P. Martin**

### **Acting Technical Director**

Communications-Electronics, Research Development and Engineering Center (CERDEC)  
US Army Research Development and Engineering Command (RDECOM)

Mr. Gary Martin is the Acting Technical Director, Communications- Electronics, Research Development and Engineering Center (CERDEC). He is responsible for Science and Technology programs involving the development of advanced Command, Control, Communication, Computers, Intelligence and Information Warfare, and Night Vision & Electronic Sensors technology for the US Army.

Mr. Martin previously served as the Deputy Project Manager for Tactical Radio Communications Systems from May 2000 – July 2002 and as the Acting Project Manager from Aug 2002 – June 2003. He was responsible for the development, production, and fielding of the Army's tactical radio communications programs, to include the Joint Tactical Radio System ground and rotary wing aviation development program.

During the period of Aug 1988 to April 2000, he held a variety of technical management positions within the office of the Project Manager MILSTAR, Project Manager Military Satellite Communications (PM MILSATCOM) and Project Manager Tactical Radio Communications Systems (PM TRCS). These positions included being Chief of Technical Management Division, PM TRCS, Chief of Technical Management Division at PM MILSATCOM, and Chief of Systems Engineering at PM MILSTAR.

Mr. Martin served on active duty as a Signal Corps Officer from May 1984 through May 1988. During this time he served as the Chief of the Fielding team for the Ground Mobile Forces Tactical Satellite Communications programs. His military awards include the Army Achievement Medal, the Army Commendation Medal and the Meritorious Service Medal.



Mr. Martin holds a Bachelor of Science Degree in Electrical Engineering from Norwich University and a Master of Science in Engineering Management from the University of Pennsylvania. He is also a graduate of the Program for Management Development at the Harvard Business School. His military education includes the Program Manager's Course at the Defense Systems Management College, the Signal Officer's Basic Course, and the Radio Systems Officer Course.

Mr. Martin is a member of the Armed Forces Communications Electronics Association (AFCEA), the Association of the United States Army (AUSA) and the Signal Corp Regimental Association (SCRA).

**EDWARD C. THOMAS**

*Director*

*Software Engineering Center*

*US Army Communications-Electronics Command*

*Fort Monmouth, New Jersey*



Edward C. Thomas was appointed to the Senior Executive Service and as Director of the USACECOM Software Engineering Center effective September 9<sup>th</sup>, 2001. In this capacity, he leads CECOM's efforts to provide state-of-the-art software engineering products and services throughout the Army and the Department of Defense. These products and services include: system level software engineering for over 400 individual battlespace systems, logistics systems, and management information systems; system-of-systems level software integration; software architecture design and implementation; software technology assessment and application; and world-wide technical support to deployed systems. He leads a global organization of over 3,000 military, civilian, and industry employees in ten major locations and manages an annual budget of approximately \$300 million. Prior to this assignment, he served as the Deputy Director and Acting Director of the CECOM Software Engineering Center.

Mr. Thomas began his career in government service in 1974 as a Budget Analyst intern for the US Army Electronics Command and has progressed through increasingly responsible positions at Fort Monmouth. In 1987, he was promoted to GS-15 as the CECOM Budget Officer where he provided staff oversight to CECOM's multi-appropriation budget, rendered fiscal policy advice to the Command, and provided program and budget analysis support to the Program Executive Officers and Project Managers. Following that assignment, he became CECOM's Deputy Chief of Staff for Operations and Plans (DCSOPS) where he designed, developed, and implemented Command-wide strategic, operational, and tactical mission resource plans, designed and performed studies and analyses for the Command and PEOs, managed the DoD C3I Federally Funded Research and Development Center (FFRDC) program for the Army, and provided a central capability for organizational and mission integration within CECOM and among CECOM and its customers.

Mr. Thomas was awarded a Bachelor of Arts degree in Political Science at The College of New Jersey (Trenton State College) in 1974, a Master of Business Administration degree at Fairleigh Dickinson University in 1980, and a Master of Science degree in National Resource Strategy at the Industrial College of the Armed Forces (ICAF) in 1995. He also completed the Army Advanced Resource Management Course at Syracuse University in 1983, the Defense Senior Acquisition Course at ICAF in 1995, and the Advanced Program Management Course at the Defense Systems Management College (DSMC) in 1997. He has been a member of the Army Acquisition Corps since 1994.

Mr. Thomas has received numerous awards, including the decoration for Meritorious Civilian Service in 1986, the decoration for Superior Civilian Service in 1992, 1997 and 2001, and the Commander's Award for Civilian Service in 1998. He was selected as the top CECOM employee for 1991 and as the CECOM Executive of the Year in 1997.

He is a member of the Association of the Industrial College of the Armed Forces (ICAF), the Association of the US Army (AUSA), and the American Society of Military Comptrollers (ASMC).

A native of Paterson, New Jersey, Mr. Thomas resides in West Long Branch, New Jersey, with his wife, the former Patricia A. Prisco of Cranford, New Jersey, and their daughter, Lisa.

ANTHONY A. LaPLACA  
DIRECTOR, CECOM LOGISTICS AND READINESS CENTER  
U.S. ARMY COMMUNICATIONS-ELECTRONICS COMMAND  
FORT MONMOUTH, NJ

Mr. Anthony A. LaPlaca was appointed as the Director of CECOM's Logistics and Readiness Center (CECOM LRC) in August 1996.

As the Director of the CECOM LRC, he has direct responsibility for a Center comprised of seven directorates and a Center staff. The Center has a worldwide mission and is comprised of over 2400 people with an annual budget of approximately \$800M. The Center is the Weapon System Manager, National Inventory Control Point (NICP) and National Maintenance Point (NMP) for over 77,000 items.

The Center's mission is diverse. A portion of that mission includes logistics planning, spares requirements determination, production engineering, maintenance engineering, equipment fielding, new equipment training, product quality, maintenance planning, depot level repair workloading, field technical assistance, foreign military sales and communications-security equipment.

Prior to his appointment as the CECOM LRC Director, Mr. LaPlaca held numerous Center leadership positions to include Center Deputy Director, Center Associate Director, Director for Logistics and Maintenance and Director for Systems Management. He came to the Center in 1987 with the inception of the CECOM LRC.

Prior to coming to the CECOM LRC, Mr. LaPlaca developed an extensive background in shelterized communications and electronic systems, radar, production engineering, materiel change, weapon system life cycle management and logistics.

Mr. LaPlaca was born in Newark, NJ in 1947. He received his Bachelor of Science Degree from Newark College of Engineering, now the New Jersey Institute of Technology and a Master of Science Degree in Management Science from Fairleigh Dickinson University. He was appointed to the Acquisition Corps in 1992 and is certified in the three acquisition career fields of Program Management, Acquisition Logistics and System Planning, Research, Development and Engineering.

Mr. LaPlaca and his wife Bobbie have three children, Michael, Kristen and Jamie.

**EDWARD G. ELGART**

**DIRECTOR, CECOM ACQUISITION CENTER**

Edward G. Elgart is the Director of the CECOM Acquisition Center, US Army Communications-Electronics Command (CECOM), Fort Monmouth, New Jersey, Fort Huachuca, Arizona, and Alexandria, Virginia. He also serves as the Principal Assistant Responsible for Contracting for that activity, Tobyhanna Army Depot, Army Signal Command, 5<sup>th</sup> Signal Command and TAO. He is responsible for the acquisition and support of Army and joint command, control, communications, computers, intelligence, electronic warfare, sensors and information management systems, estimated at \$5 billion annually. Twice during his tenure Mr. Elgart has served as the Acting Deputy Assistant Secretary of the Army for Procurement: from August 2000 – January 2002 and May 1997-May 1998. In that capacity he was responsible for oversight and policy for all Army procurements, acquisition excellence and reform, and advocacy for the industrial base, as well as the proponent for the Army contracting career field. He also acted as the Army's Competition Advocate General during that time.

From 1985-1989, Mr. Elgart served in a variety of management positions with the Defense Logistics Agency, first at DCASPRO Teledyne CAE, then at DCASMA Detroit, and culminating as the Director of Contract Management for the Defense Contract Administration Services Region Chicago. In that position, he was responsible for the administration of 18,000 defense contracts valued in excess of \$19 billion.

Mr. Elgart began his career in government service in 1976 as a Contract Specialist intern, procuring tactical radio equipment for the Army Electronics Command. In 1981, as the Chief, Readiness Policy Branch, he led a task force to reduce procurement administrative leadtime within the command. During his tenure as a Contracting Officer from 1983-1985, he was responsible for the negotiation and award of the \$4.3 billion contract for the Mobile Subscriber Equipment battlefield communications system.

Mr. Elgart entered the Senior Executive Service in June 1989, and is a 1996 recipient of the Presidential Meritorious Executive Rank Award. He is a Fellow of the National Contract Management Association and a previous Fort Monmouth Chapter President and Executive Director. His awards and decorations include two Meritorious Civilian Service awards, the Honorable Order of Saint Barbara, and the Army Staff Identification Badge. He was the first recipient of the Acquisition Career Management Advocate of the Year award and was presented with the Secretary of the Army Professionalism in Contracting Award (Civilian) in 2000.

Mr. Elgart holds membership in numerous professional associations and is a member of the Army Acquisition Corps and the American Mensa Society. He has published

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numerous articles on the field of Government contracting and has taught graduate courses in the field at Fairleigh Dickinson University.

Mr. Elgart is a graduate of the Federal Executive Institute and the Command and General Staff Officer Course. He is also a graduate of the Brookings Institution-University of North Carolina Leadership 2000 program and the Center for Creative Leadership. He has a Bachelor's Degree in Biology from Kean University and a Masters Degree in Business Administration from Fairleigh Dickinson University.



## **Anthony Lisuzzo**

**Director, Intelligence & Information Warfare**  
**Communications Electronics Research Development and Engineering**  
**Center (CERDEC)**  
**US Army Research Development and Engineering Command**

Mr. Anthony Lisuzzo is the Director of the Intelligence and Information Warfare Directorate, Communications-Electronics Research Development and Engineering Center, US Army Research Development and Engineering Command. He is responsible for providing an effective Signals Intelligence, Electronic Warfare, Measurement and Signature Intelligence, Information Operations and Intelligence Dissemination/Fusion Material Capability ranging from Science and Technology through Acquisition Support to the US Army.

Mr. Anthony Lisuzzo served as the Associate Technical Director, Research Development and Engineering Center (RDEC), US Army Communications Electronics Command (CECOM). He was responsible for the Command's Science and Technology programs involving the development of advanced technology for the US Army's Future Combat System with respect to Communication, Command and Control, Intelligence and Information Warfare, and Night Vision & Electronic Sensors. Shortly after being appointed to the Senior Executive Service, he was named Chair, DoD Information Systems Technology Panel, of the Defense S&T Advisory Group (DSTAG).

Mr. Lisuzzo previously served as the Deputy Director, Commander-in-Chief (CINC) Interoperability Program Office (CIPO), CECOM Ft. Monmouth, NJ. Mr. Lisuzzo was responsible for establishing a new organization instituted as a result of an initiative by the Secretary of Defense and the Under Secretary of Defense for Acquisition, Technology and Logistics as mandated by the Congressional Defense Authorization Act of 1998, to provide a forum to resolve interoperability issues between the joint and coalition forces. His duties included developing and assisting in the execution of technical objectives that advance the CINC's Command, Control, Communications, Computers, Intelligence, Electronic Warfare and Sensors (C4IEW&S) capabilities and to ensure that all service C4ISR systems provide fully integrated/interoperable command and control capabilities to the joint forces.

From October 1994 to January 1999, he was the Director, Survivability/Camouflage/Concealment & Deception (CCD) Division, Night Vision and Electronic Sensors Directorate, CECOM RDEC Ft. Monmouth, NJ. His responsibilities include the management and direction of numerous projects concerned with the information, electronic warfare, self-protection, camouflage, concealment and deception of Army and other services' air and ground based systems. Disciplines include both active and passive Radio Frequency (RF). Electro-optics/Infrared and Acoustic Sensors and Countermeasure systems.

Mr. Lisuzzo has worked for the US Army since 1979. During the early days of his career, he was involved with tactical Communication equipment such as the AN/PRC-77 and the ANNRC- 12. In 1980, he moved to Project Manager FIRE-FINDER/REMBASS and served as Project Leader on both AN/TPQ-36 and AN/TPQ-37 Mortar/Artillery Locating Radar systems.

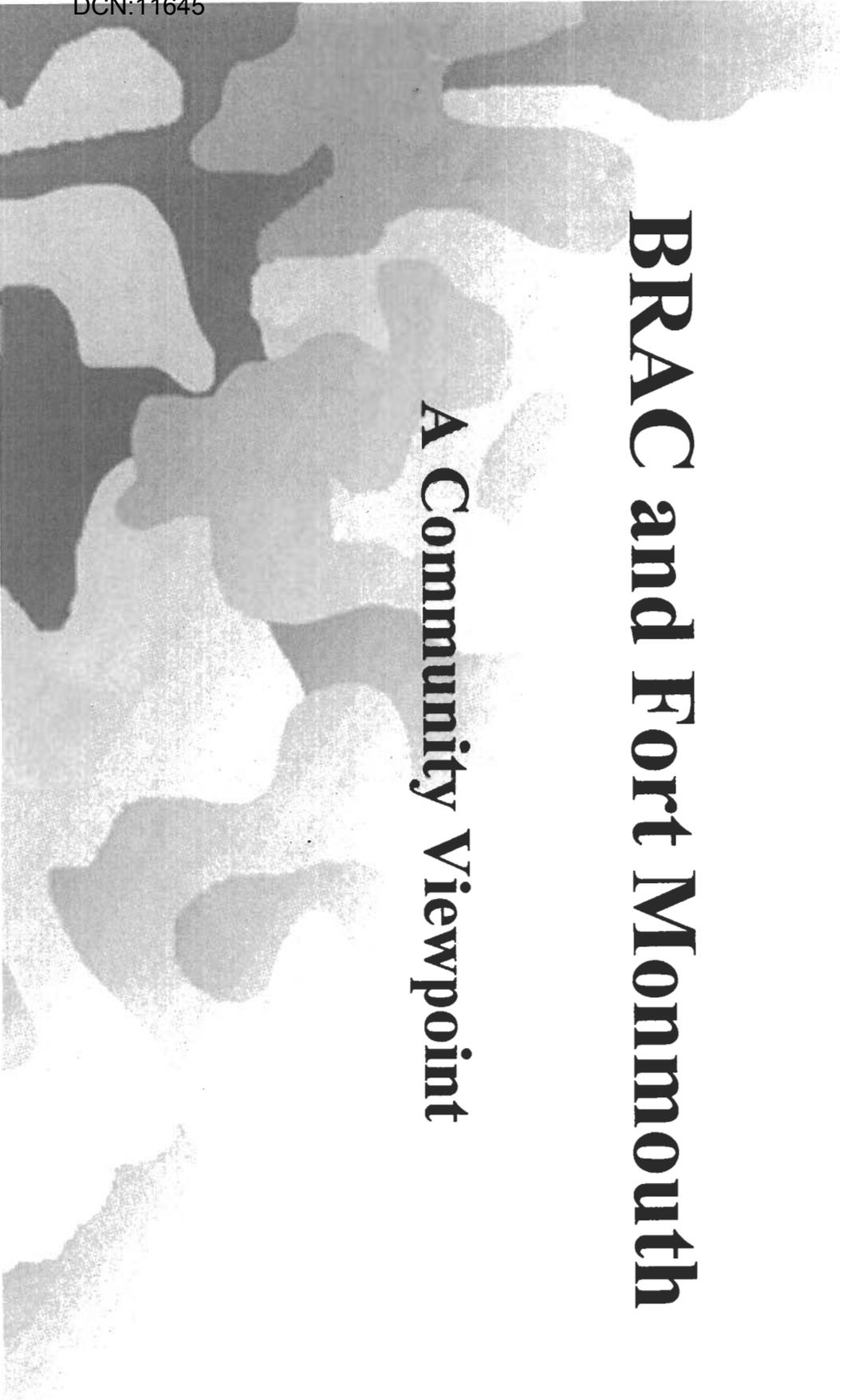
In 1984, Mr. Lisuzzo joined the Electronic Warfare Laboratory. There he was assigned Project Leader on several highly complex radar Countermeasure systems, such as AN/ALQ-136 and AN/ALQ-162. Mr. Lisuzzo has an outstanding reputation throughout the Electronic Warfare (EW) community as both technical expert and advocate for the proliferation of EW within the DoD. He has been called to serve on numerous DA and DoD Technology Panels and committees. Mr. Lisuzzo currently serves as the Low Observable Chairman on the Joint Technical Coordinating Group for Aircraft Survivability and has served as RF chairman on the Joint Coordinating Group for Electronic Warfare.

Mr. Lisuzzo holds a Bachelor of Science Degree in Electrical Engineering from Pratt Institute, NY, as well as a Master of Science Degree in Management of Technology from New Jersey Institute of Technology. During 1993, Mr. Lisuzzo was selected for a Senior Executive Leadership program. This program included intensive classroom instruction at all the Senior Executive Colleges, such as, Army War College, Naval War College, Air University, National Defense University and the Industrial College for the Armed Forces. He was assigned to the Office of the Deputy Assistant Secretary of the Army for Research, Development and Acquisition.

Mr. Lisuzzo is an active member in several professional organizations in the Ft. Monmouth area. He served as the President of the Garden State Chapter of the Association of Old Crows (1996-1998) and is a member of Armed Forces Communication Electronics Association, and Institute for Electrical and Electronic Engineers. During his leisure time, he enjoys mountain biking, hiking, skeet/trap shooting, and trying his luck at golf.

# **BRAAC 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 contractor) 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. Segal, DDR&E--- “The Department Is Struggling To Recruit Enough Engineers”**

- **Dr. Segal 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
R&D	2055	1688 (82%)	2055 (100%)
DA (PEO/PM)	537	344 (64%)	537 (100%)
Contractors (sample of 9)	1221	804 (72%)	1139 (93%)

- **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***

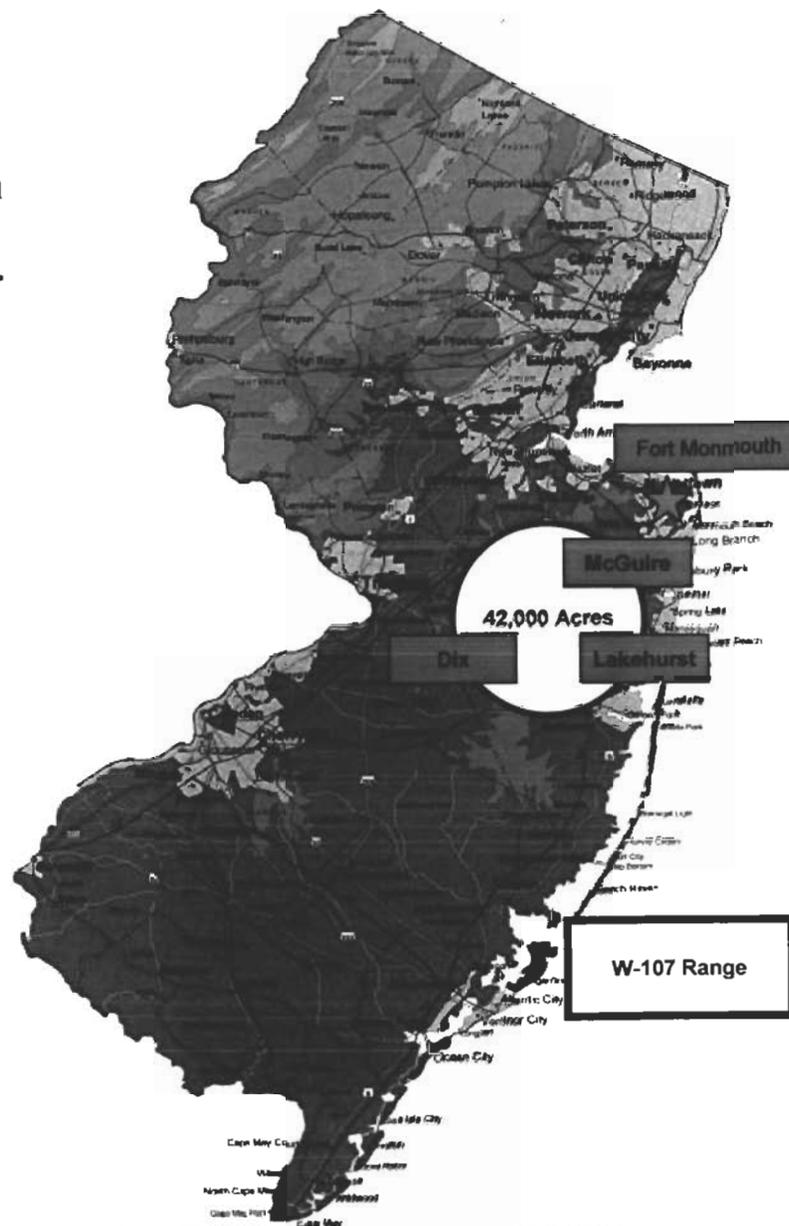
- ***Why There*** ---Remote Location & Environment Free Of Radio-Frequency Interference---A Critical Requirement
- **Examples of Major C4I Systems Tested (All Ft. Monmouth Systems)**
  - Force XXI Battle Command Brigade & Below
  - Stryker-- RSTA; C2; Communications
  - Army Airborne Command & Control 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

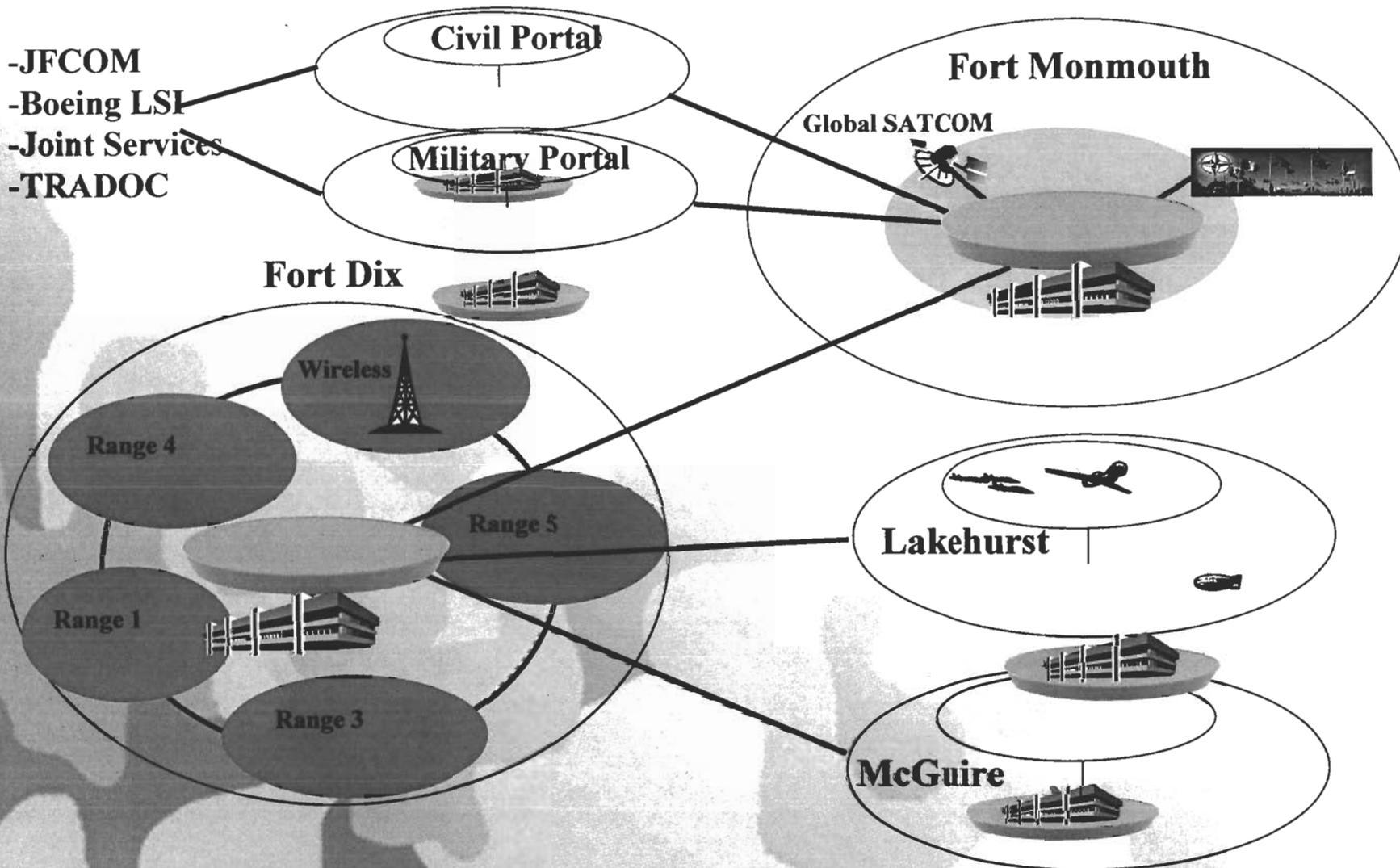
- **A BRAC Criterion ... not addressed**
  - **Nor was the existing Monmouth – Dix/Lake/McGuire Joint capability recognized**
  - **Joint capability = Dix, Lakehurst, McGuire, W-107 and Monmouth ... in close proximity**
- **Monmouth linked to Nearby Joint Complex by high bandwidth ... and then to the 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

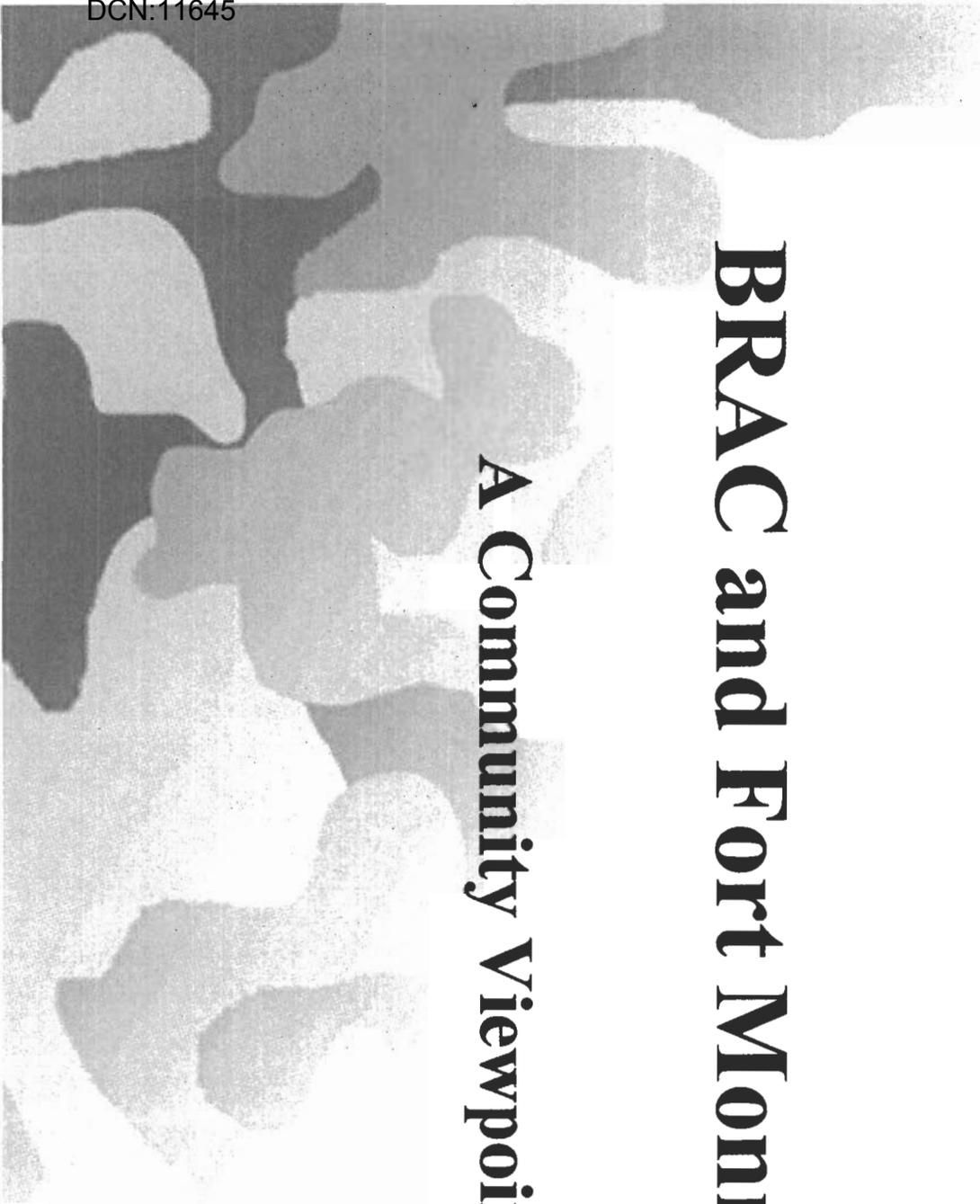
- **Community Impact**
  - 5000 Government Jobs; 15,000 Local Community
  - Approx. \$3B ON NJ GDP
- **NJ Is A Military Friendly And Patriotic State**
- **BRAC Did Not Consider VA Clinic**
- **BRAC Did Not Consider FBI Center**
- **BRAC Did Not Consider Homeland Security**
  - National Research Council 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
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- Fort Monmouth Has Strong Joint Position, *Strong Military Value Position--Especially When Compared To The BRAC Recommendation*

# **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**
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  - **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**
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## Statistics--- Ft. Monmouth/Belvoir

Discipline	# People	Degrees	Clearances
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Contractors (sample of 9)	1221	804 (72%)	1139 (93%)

- 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
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- 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**

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**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***

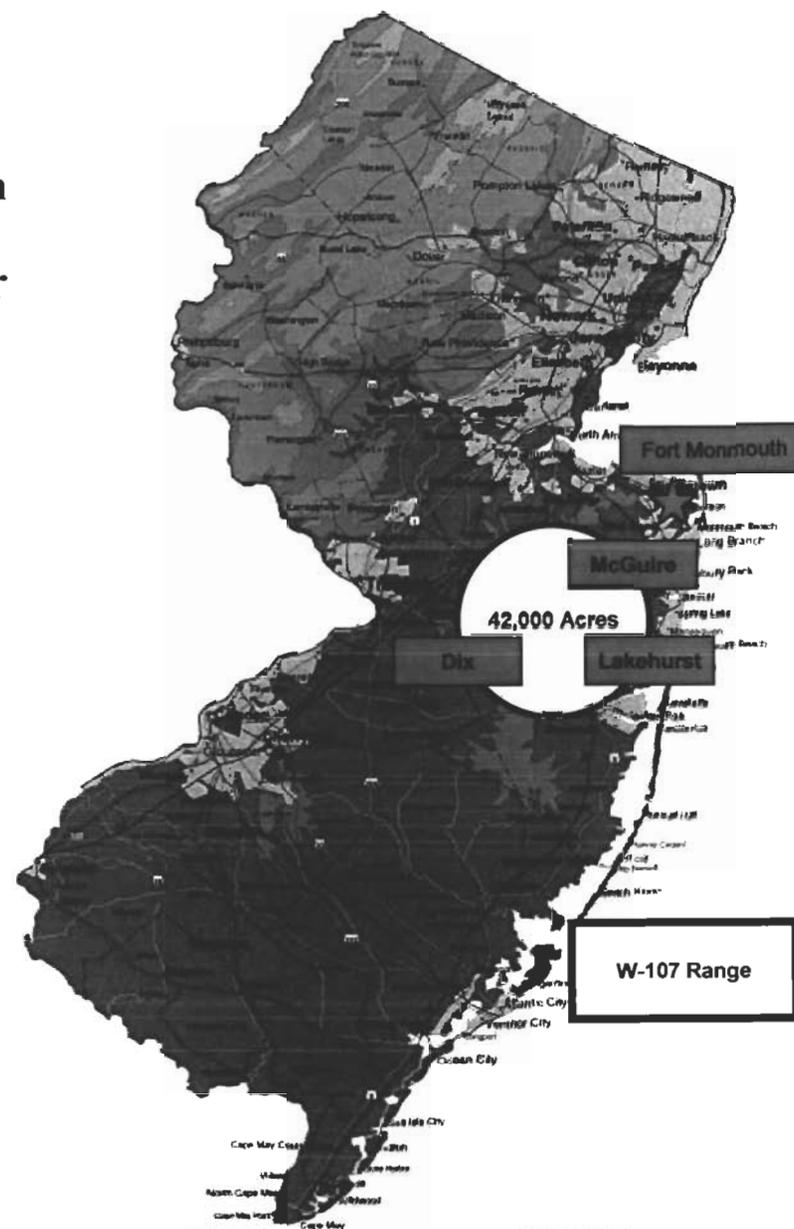
- ***Why There ---Remote Location & Environment Free Of Radio-Frequency Interference---A Critical Requirement***
- ***Examples of Major C4I Systems Tested (All Ft. Monmouth Systems)***
  - ***Force XXI Battle Command Brigade & Below***
  - ***Stryker-- RSTA; C2; Communications***
  - ***Army Airborne 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**

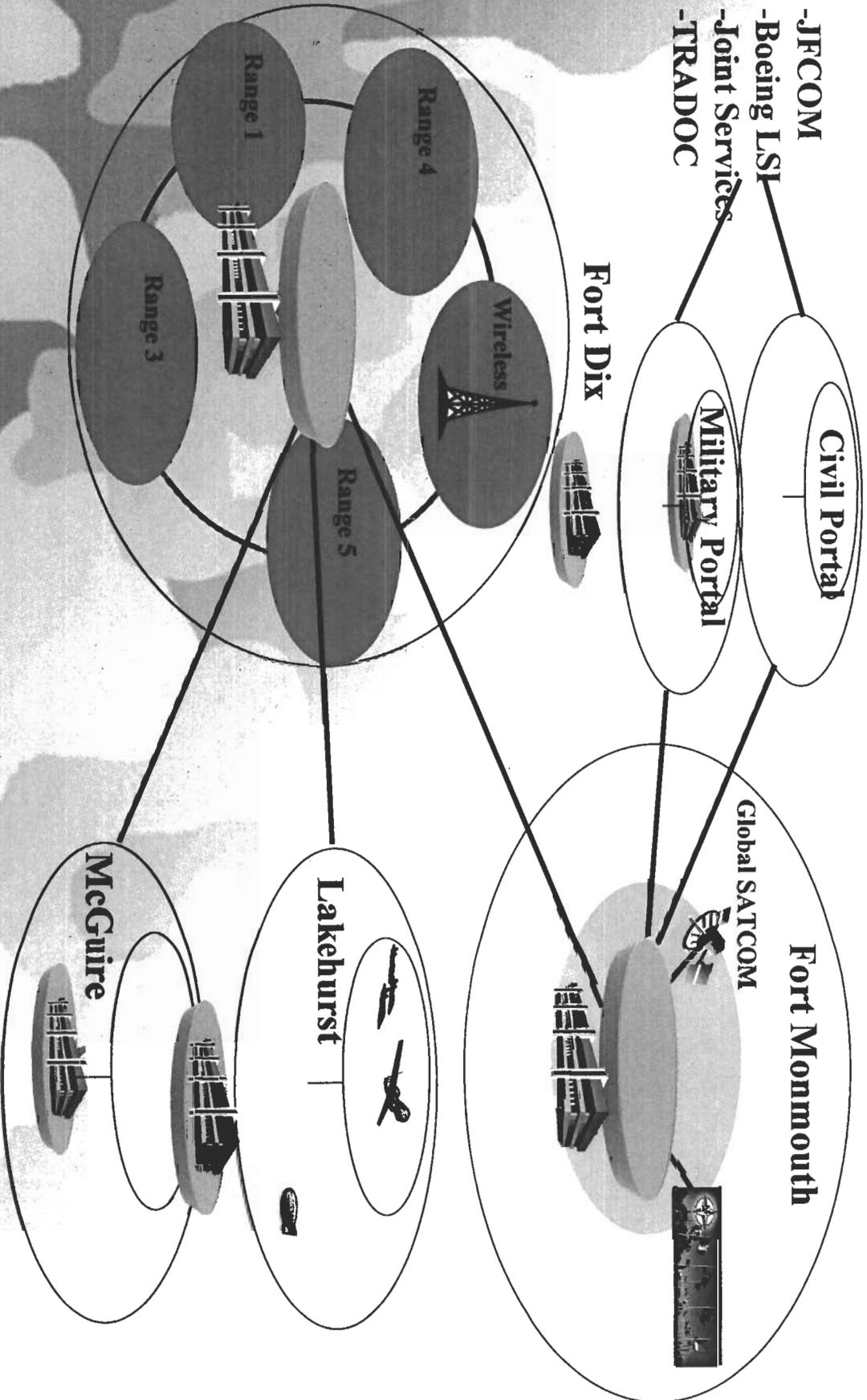
- **A BRAC Criterion ... not addressed**
  - **Nor was the existing Monmouth – Dix/Lake/McGuire Joint capability recognized**
  - **Joint capability = Dix, Lakehurst, McGuire, W-107 and Monmouth ... in close proximity**
- **Monmouth linked to Nearby Joint Complex by high bandwidth ... and then to the 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**
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**SERVICE FACILITIES TELEPHONE NUMBERS**

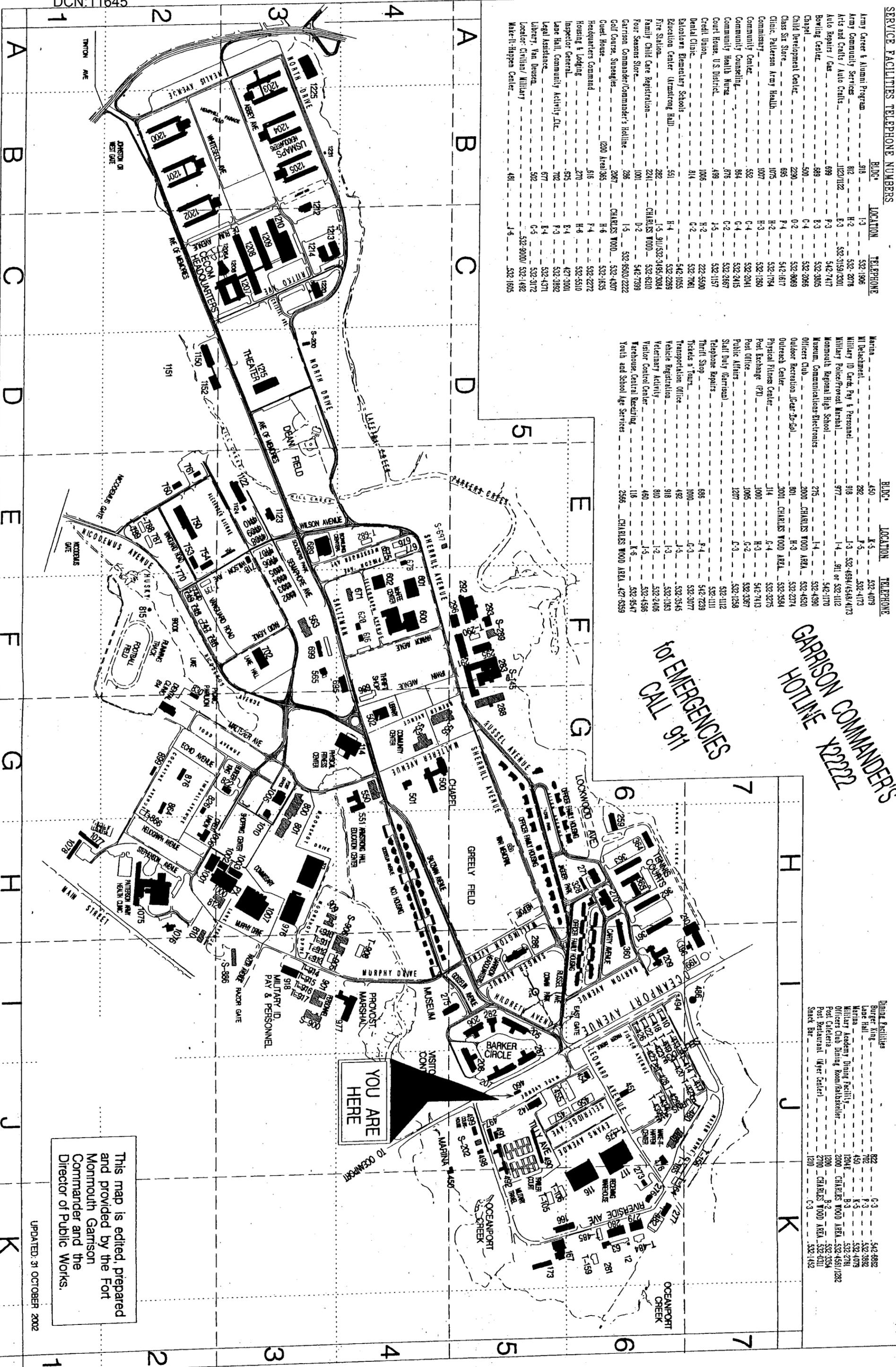
BLDG#	LOCATION	TELEPHONE
918	Army Career & Alumni Program	532-1966
812	Army Community Services	532-2078
1123/1122	Arts and Crafts / Auto Crafts	532-3159/3301
699	Auto Repairs / Gas	542-7417
699	Bowling Center	532-3805
500	Chapel	532-2866
2290	Child Development Center	532-8669
693	Class Srv. Store	542-1617
1075	Clinic, Patterson Army Health	532-1754
1007	Community Center	532-1280
592	Community Counseling	532-2041
864	Community Health Nurse	532-2415
876	Court House, U.S. District	532-2867
499	Credit Union	532-1157
1006	Dental Clinic	222-5500
814	Elementary Schools	532-7061
551	Education Center (Armstrong Hall)	542-1055
282	Fire Station	532-2293
2241	Family Child Care Registration	1-5-911/532-3495/3084
1001	Four Seasons Store	532-6210
286	Garrison Commander/Commander's Hotline	0-2 542-7399
2087	Golf Course, Sunaegles	1-5 532-9503/2222
1200 Area 365	Guest House	CHARLES WOOD 532-4307
816	Headquarters Command	532-2272
270	Housing & Lodging	H-4 532-5510
675	Inspector General	E-4 427-3001
702	Lane Hall, Community Activity Ctr.	P-3 532-3992
677	Legal Assistance	E-4 532-4371
502	Library, Van Deusen	G-5 532-3172
532-9000/532-1492	Locator, Civilian/Military	
481	Make-it-happen Center	J-6 532-1605

BLDG#	LOCATION	TELEPHONE
450	Marina	J-3 532-4079
292	Mt. Patcham	F-5 532-4073
918	Military ID Cards, Pay & Personnel	F-3 532-4594/4548/4173
977	Military Police/Provost Marshal	1-4 911 or 532-1112
542-1170	Monmouth Regional High School	
275	Museum, Communications Electronics	1-4 532-4390
2000	Officers Club	CHARLES WOOD AREA 532-4520
801	Outdoor Recreation (Gar-Go-Gol)	H-3 532-2374
3001	Outreach Center	CHARLES WOOD AREA 532-3584
114	Physical Fitness Center	G-4 532-3275
1000	Post Exchange (PX)	H-3 542-7413
1006	Public Office	G-2 532-3367
1207	Public Office	C-3 532-1258
532-1112	Salut Duty (Garrison)	
532-1111	Telephone Repairs	
686	Thrill Shop	F-4 542-7239
1010	Tickets & Tours	G-3 532-3077
492	Transportation Office	J-3 532-3545
918	Vehicle Registration	F-3 532-353
810	Veterinary Activity	1-2 532-2406
460	Visitor Control Center	F-5 532-1596
116	Warehouse, Central Receiving	K-6 532-3547
2566	Youth and School Age Services	CHARLES WOOD AREA 427-5359

**GARRISON COMMANDER'S HOTLINE X2222**  
**for EMERGENCIES CALL 911**

Dining Facilities

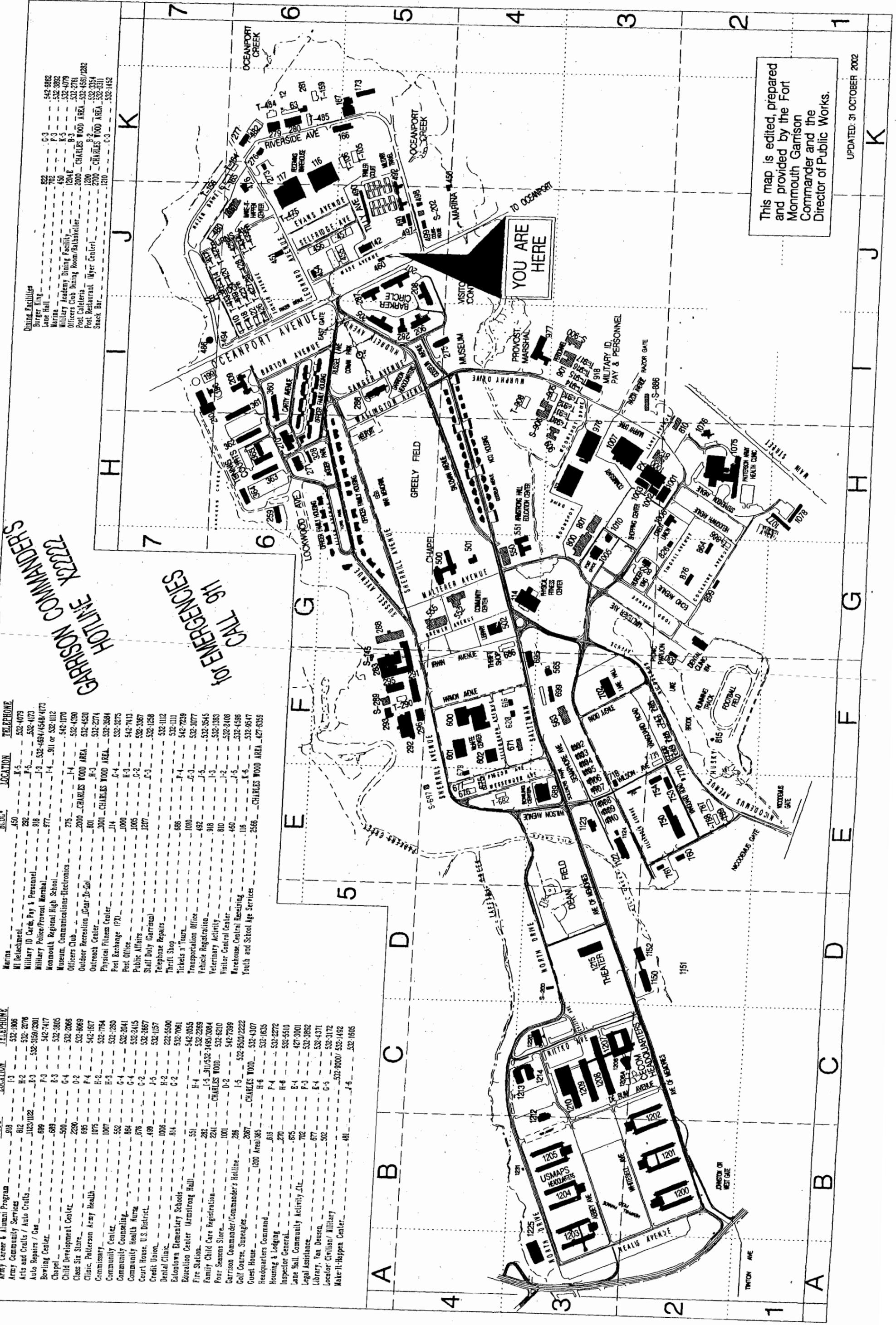
822	Burger King	G-3 542-8892
702	Lane Hall	F-3 532-3892
450	Marina	K-5 532-4079
1204F	Military Academy Dining Facility	B-3 532-2781
2000	Officers Club Dining Room/Bar/Backstair	CHARLES WOOD AREA 532-4551/292
1200	Post Cafeteria	B-2 532-3354
2700	Post Restaurant (Wyer Center)	CHARLES WOOD AREA 532-0311
1210	Snack Bar	C-3 532-1492



This map is edited, prepared and provided by the Fort Monmouth Garrison Commander and the Director of Public Works.

UPDATED: 31 OCTOBER 2002

DCN:11645



BLDG#	LOCATION	TELEPHONE
Army Career & Alumni Program		
Army Community Services	I-3	532-1906
Arts and Crafts / Auto Crafts	H-2	532-2076
Auto Repairs / Gas	F-3	532-3159/3301
Bowling Center	F-3	542-7417
Chapel	E-3	532-3805
Child Development Center	G-4	532-2066
Class Six Store	G-2	532-6889
Clinic, Patterson Army Health	F-4	542-1617
Commissary	H-2	532-1764
Community Center	H-3	532-2850
Community Counseling	G-4	532-2041
Community Health Nurse	G-4	532-2415
Court House, U.S. District	G-2	532-2687
Credit Union	F-3	532-1157
Dental Clinic	H-2	222-5500
Elementary Schools	G-2	532-7061
Education Center (Armstrong Hall)		
Fire Station	H-4	542-1655
Family Child Care Registration	I-5	532-2265
Four Seasons Store	I-5	911/532-4485/3064
Garrison Commander/Commander's Hotline	D-2	532-8210
Golf Course, Sunnyside	I-5	542-7399
Guest House	I-5	532-9503/2222
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Monmouth Regional High School	I-4	911 or 532-1112
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Warehouse Central Resupply	F-5	532-4596
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		2586 - CHARLES WOOD AREA - 427-6359

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WELCOME TO FORT MONMOUTH!

The Directorate of Public Safety (DPS) at Building 977 provides law enforcement and security services to the Army Team C4LEWS (Command, Control, Communications, Computers, Intelligence, Electronic Warfare and Sensors) and all Fort Monmouth resident activities, military and DOD civilian employees, family members, military retirees, and contractor personnel.

Get acquainted with our rules of the road. The speed limit on Fort Monmouth varies from 15 mph in the housing and troop area, to 25 mph on secondary roads. The speed limit is 30 mph on our "main street," the Avenue of Memories/ Saltzman Avenue, to 40 mph on Hope Road. Speed limits are strictly enforced by police radar units. All persons driving or riding in a vehicle on Fort Monmouth are required to wear seat belts at all times.

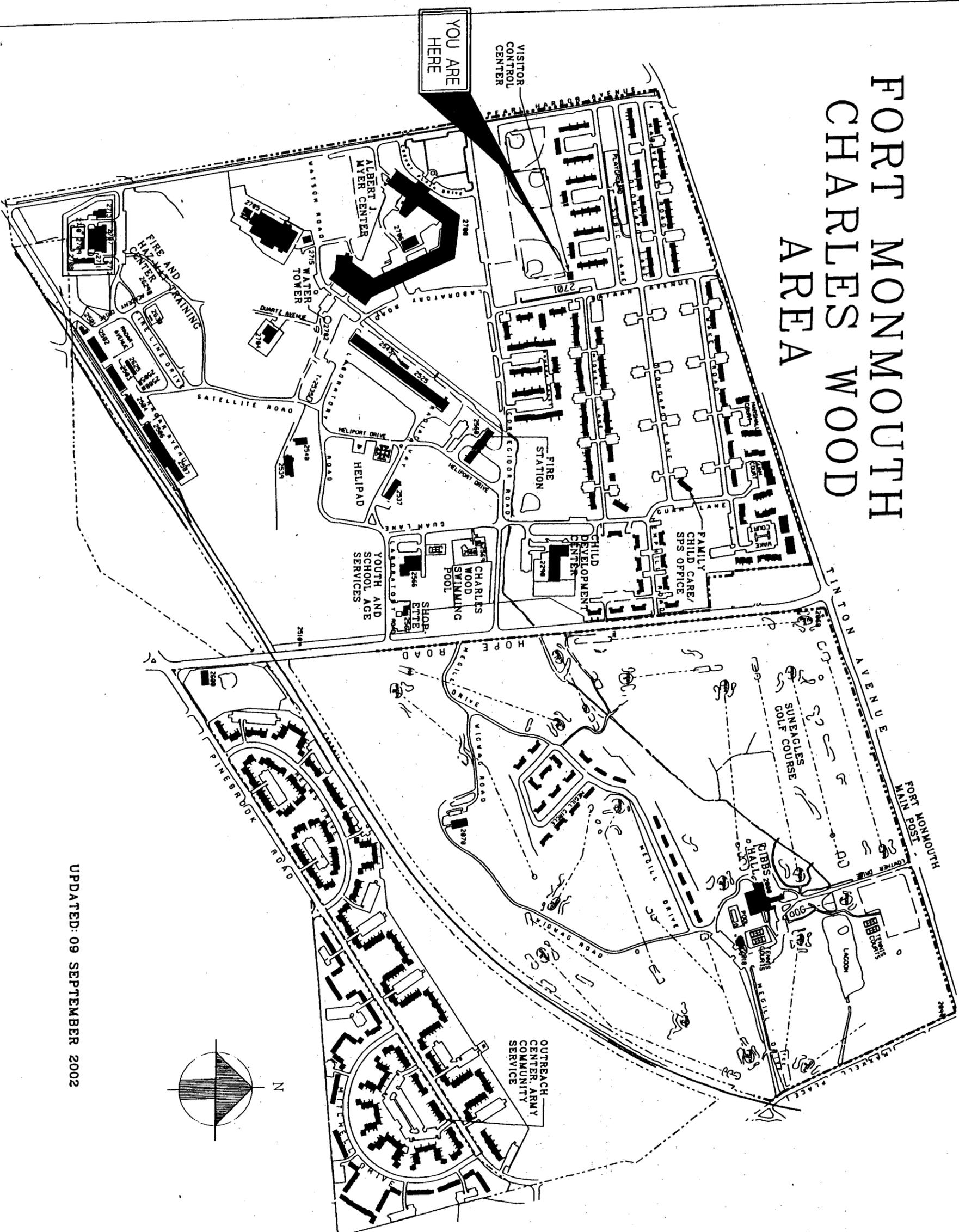
All military, DOD civilian employees, military retirees, and contractor personnel are required to register their privately owned vehicles at the Vehicle Registration Office. Hours of operation are 7:30 am to 4 pm, Monday thru Friday. Bring your government ID, state driver's license, state vehicle registration, and proof of automobile insurance with you to Building 977.

To report a crime, call the Police Desk Sergeant at 532-1112, any time day or night.

DRIVE SAFELY, BUCKLE-UP, AND ENJOY YOUR TOUR/VISIT.

DCN:1145

# FORT MONMOUTH CHARLES WOOD AREA

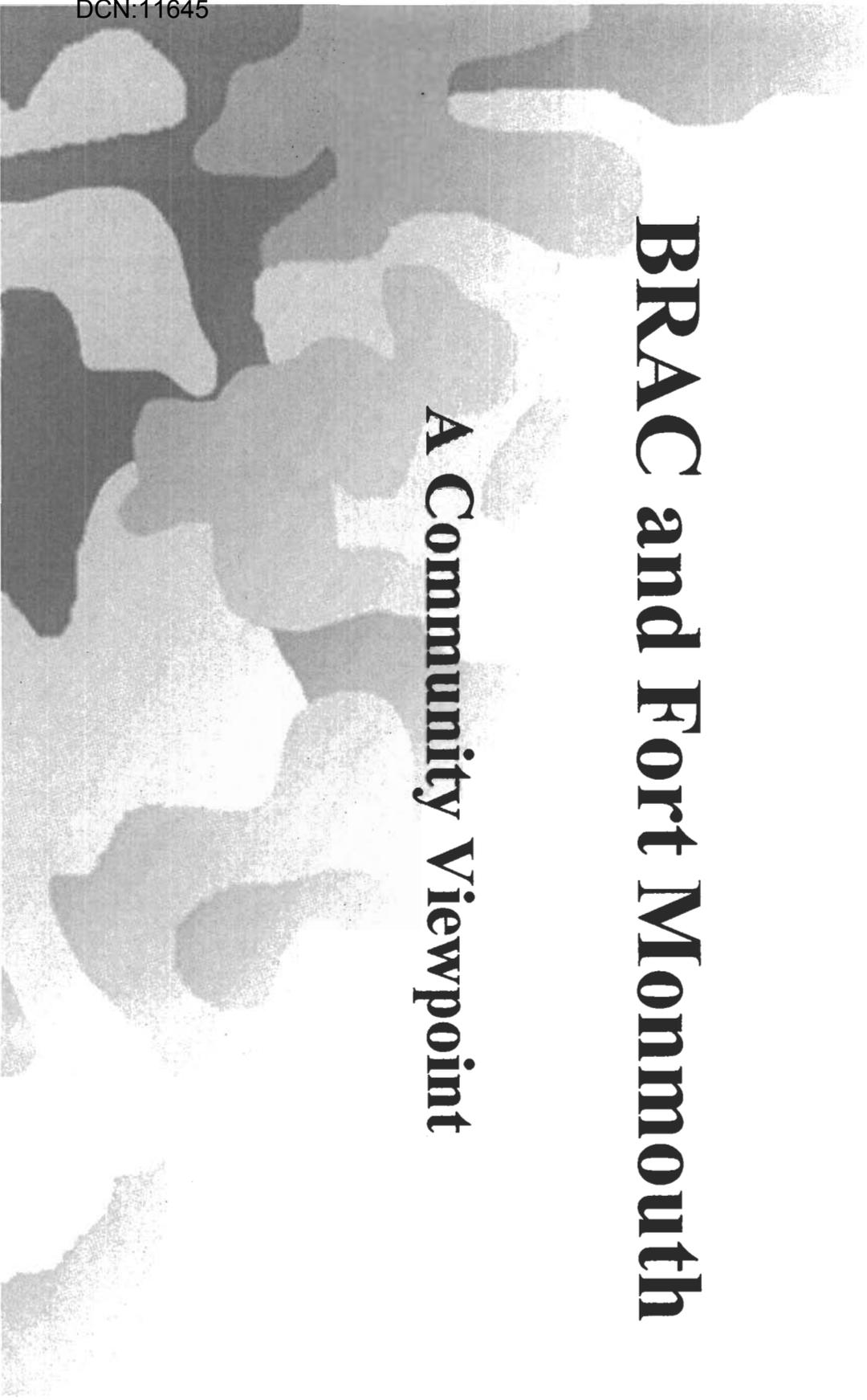


UPDATED: 09 SEPTEMBER 2002



# **BRAAC and Fort Monmouth**

## ***A Community Viewpoint***



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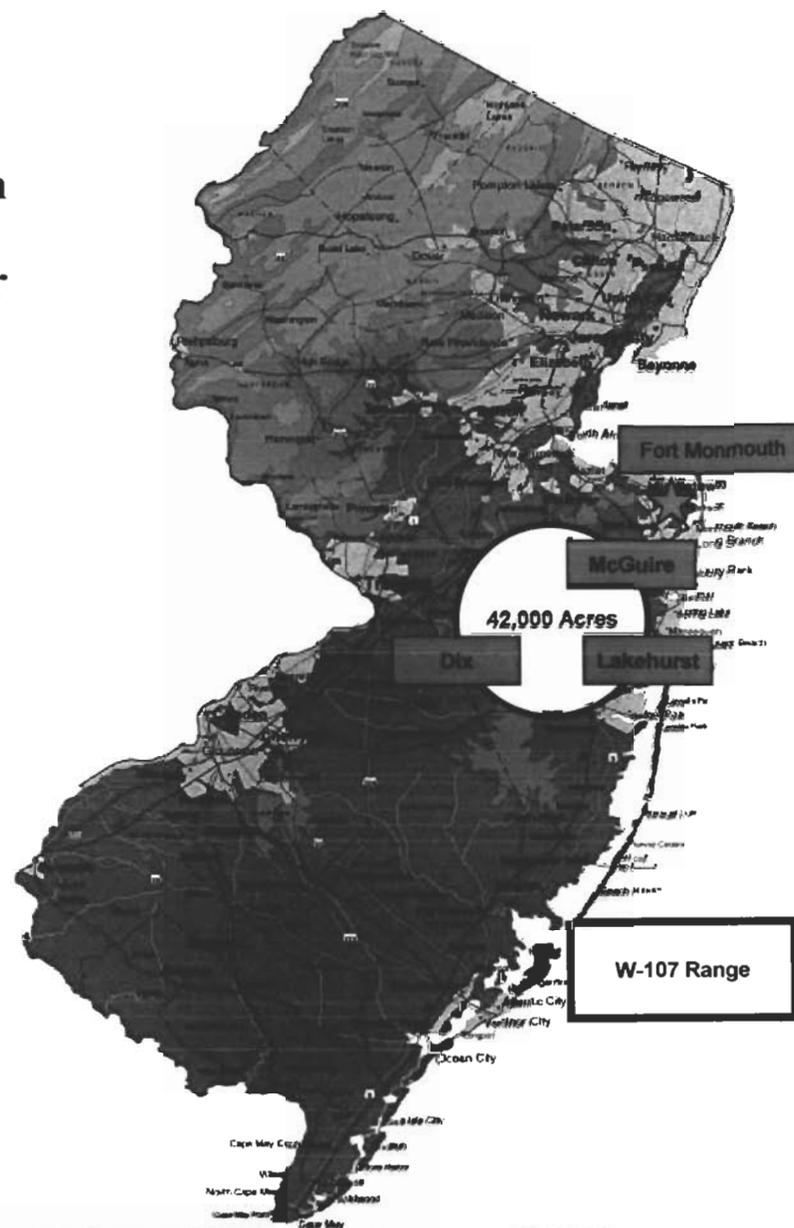
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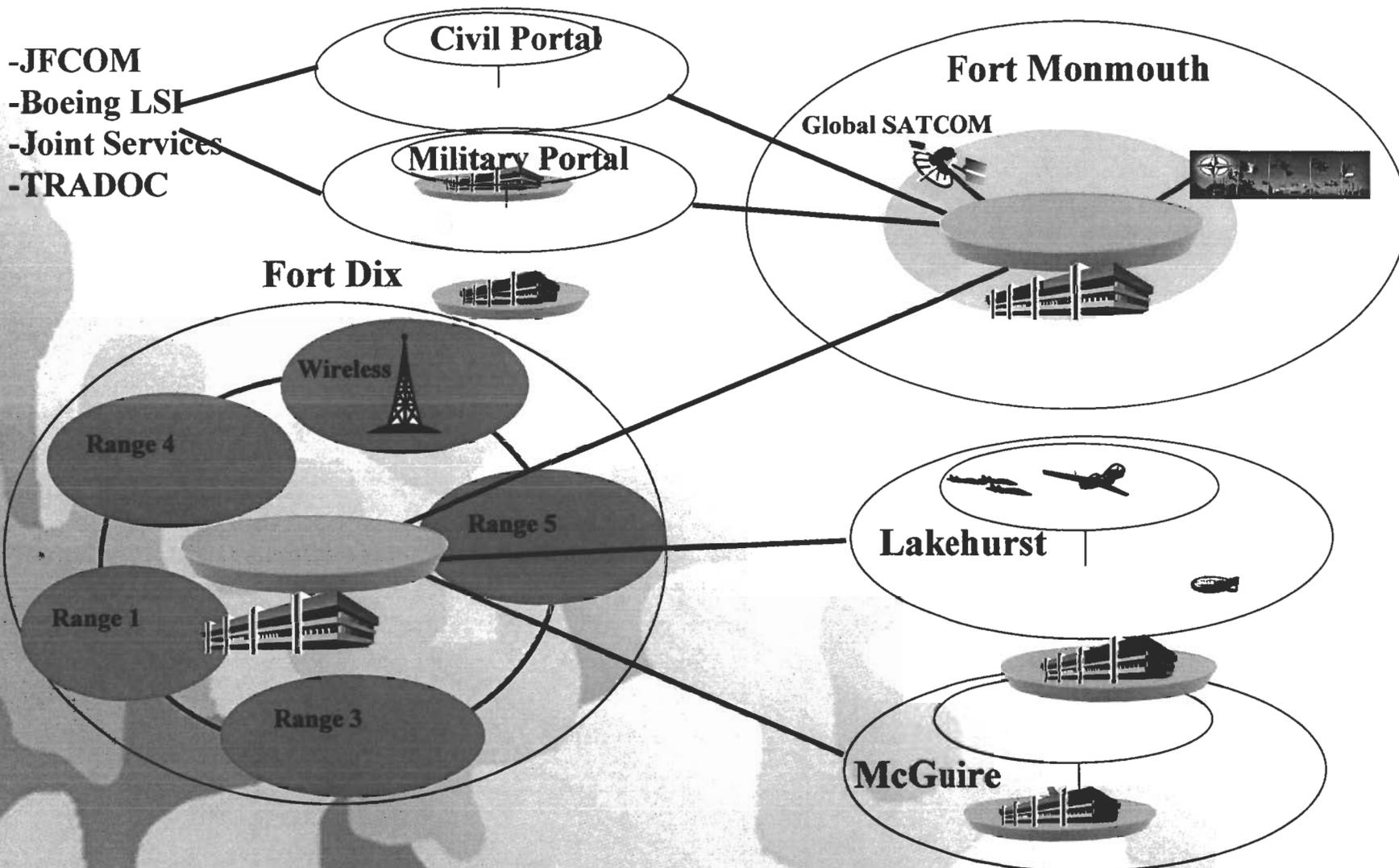
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