TEST RESOURCE MANAGEMENT CENTER
3000 DEFENSE PENTAGON
WASHINGTON, DC 20301-3000

4 JAN 2011

MEMORANDUM FOR SECRETARIES OF THE MILITARY DEPARTMENTS
ASSISTANT SECRETARY OF DEFENSE FOR NETWORKS
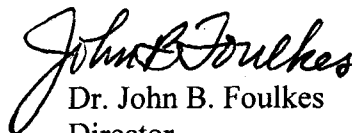AND INFORMATION INTEGRATION/DOD CHIEF
INFORMATION OFFICER)

SUBJECT: Composition of the Major Range and Test Facility Base

I am forwarding to you the initial list of the Department's test and evaluation (T&E) facilities and ranges for each Major Range and Test Facility Base (MRTFB) activity. This list is the new baseline for the MRTFB, which is the designated core set of DoD T&E infrastructure that must be preserved as a national asset to provide T&E capabilities to support the DoD acquisition system. In accordance with DOD Instruction 3200.18, proposed changes to this list must be forwarded to me for approval.

This list reflects each Service's and DISA's submission of what constitutes a facility or range in accordance with the definitions provided in DODI 3200.18. It should be recognized that most of the ranges and facilities listed include sub-elements such as manpower, targets, support aircraft, instrumentation, etc., which, although not explicitly identified in the listing, work together to form the MRTFB and directly support the development of our National warfighting capabilities.

Since this is the Department's first attempt to delineate the MRTFB at the range and facility level, I expect that some interpretation issues will arise as we begin to implement activities regarding this listing. I will endeavor to work any such issues with you, and to work cooperatively to ensure we mature the best possible product.

I will update and publish this list annually to reflect both composition and administrative changes. My point of contact for this action is Mr. Jason Coker. He can be reached at (703) 601-5245 or by email at jason.coker@osd.mil.

Dr. John B. Foulkes
Director

Attachment:
As stated

ARMY ACTIVITIES

White Sands Test Center
    Air/Missile Defense Systems Test Range
    C4 - Command/Control/Communications/Computer Center
    E3 - Electromagnetic Environmental Effects Facilities
    Electronic Countermeasures-IED Facility
    Environmental Effects (MIL-STD 810) Facilities, White Sands
    Missiles/Rockets Test Range
    Nuclear Weapons Effects Facilities
    Vulnerability/Lethality Facilities

High Energy Laser Systems Test Facility
    High Energy Laser Test Facility

U.S. Army Kwajalein Atoll (Ronald Reagan Ballistic Missile Defense Test Site)
    Missile Defense Systems Test Range

Yuma Test Center
    Air Delivery Systems/Air Drop Range
    Air/Missile Defense Systems Range
    Aircraft Systems Facilities
    Automotive Vehicles Track
    Direct Fire Systems (non-missile/rocket) Range
    Engineering Equipment Range
    Indirect Fire Systems Range
    Environmental Effects (MIL-STD 810) Facility, Yuma
    Soldier Systems Facility
    Unmanned Aircraft Systems (UAS) Range

Cold Regions Test Center
    Extreme Natural Environments Range – Cold Regions

Tropic Regions Test Center
    Extreme Natural Environments Range - Tropics

West Desert Test Center
    Active Standoff Chamber (ASC) (Chem and Bio simulant detection test chamber)
    Carr Test Support and Storage Complex
    Joint Ambient Breeze Tunnel (JABT) - CB detection and cloud characterization
    Complex (simulant only)
    Chemical Warfare Agent (CWA) Performance Complex (CCTF and MTF)
    Collective Protection (ColPro) filter test Chamber

Decon CWA and Simulant Performance Complex
Defensive Test Chamber
Life Sciences Test Facility (LSTF) and Baker Lab - Biological Warfare Agent (BWA) Performance Facility
Special Ops test/training support Complex
Outdoor RangeTest Grid Complex - Instrumentation and support (outdoor field simulant DT/OT) Complex / Range
Meteorological Complex

Aberdeen Test Center

Automotive Vehicles Track
C4 - Command/Control/Communications/Computer Facility
Direct Fire Systems (non-missile/rocket) Range
E3 - Electromagnetic Environmental Effects Facility
Engineering Equipment Facility/Range
Indirect Fire Systems Range
Littoral Warfare Facility
Environmental Effects (MIL-STD 810) Facility
Nuclear Weapons Effects Laboratory
Soldier Systems Facility
Transportability Range
Unmanned Ground Vehicles (UGV) Track
Vulnerability/Lethality Ranges

Electronic Proving Ground

C4 - Command/Control/Communications/Computer Facility
E3 - Electromagnetic Environmental Effects Facility
Environmental Effects (MIL-STD 810) Facility, Electronic Proving Ground

NAVY ACTIVITIES
Naval Air Warfare Center-Weapons Division, Point Mugu
Sea Range
Navy Test Wing Pacific
Pacific Targets

Naval Air Warfare Center-Weapons Division, China Lake
Land Range
Electronic Combat Range (ECR)
Ordnance Test and Evaluation Facility
Air Vehicle Modification and Instrumentation (AVMI), China Lake

Naval Air Warfare Center-Aircraft Division, Patuxent River
Air Combat Environmental Test and Evaluation Facility (ACETEF)
Aircraft Vehicle Modification and Instrumentation (AVMI), Patuxent River
Atlantic Test Range (ATR)
Electromagnetic Environmental Effects (E3) Facilities
Propulsion Systems Evaluation Facility (PSEF)
Navy Test Wing Atlantic
Atlantic Targets

Atlantic Undersea Test and Evaluation Center
Atlantic Undersea T&E Center (AUTEC)

Pacific Missile Range Facility

COSIP Radars
Optics
Telemetry
MATSS

Keyport Pacific Northwest Range Complex
Nanoose and Dabob Ranges

AIR FORCE ACTIVITIES

45th Space Wing

Eastern Test Range
Range Operations Center - 45th Space Wing
Optics
Radar
Telemetry

30th Space Wing

Range Operations Center (30 SW)
Western Launch & Test Range (WLTR)/West Coast Offshore Operating Area
(WCOOA)/Open Ocean Range
Optics
Radar
Telemetry

Arnold Engineering Development Center

Space Chamber 10V
Space Chamber 12V
Aerodynamic Wind Tunnel 4T
Space Chamber 7V
AEDC Advanced Missile Signature Center (AMSC)
Sea Level Engine Test Cell SL1
Sea Level Engine Test Cell SL2
Sea Level Engine Test Cell SL3
Aerodynamic and Propulsion Test Unit (APTU)
Aeropropulsion Systems Test Facility (ASTF) C1 and C2
Characterization of Combined Orbital Surface Effects (CCOSE) and Space Threat
Assessment Testbed (STAT)
Field Measurement (Mobile; Rocket Propulsion Signature)
High-Enthalpy Arc Heated Test Facility H-1
High-Enthalpy Arc Heated Test Facility H-2
High-Enthalpy Arc Heated Test Facility H-3
Altitude Test Cell J-1
Altitude Test Cell J-2
Altitude Test Cell J-3
Altitude Test Cell J-4
Altitude Test Cell J-5
Solid Rocket Motor Testing/Rocket Development Test Cell J-6
Mark I Space Chamber
National Full-Scale Aerodynamic Complex (NFAC)
Nuclear Weapons Effects (NWE)
Propulsion Wind Tunnel (PWT) 16S

Propulsion Wind Tunnel (PWT) 16T
Hypervelocity Ballistic Range G
Hypervelocity Ballistic Range S1
Hypervelocity Ballistic Range S3 (aka Bird Gun, Chicken Gun)
Altitude Test Cell T-1
Altitude Test Cell T-2
Altitude Test Cell T-11
Altitude Test Cell T-12
Altitude Test Cell T-3
Altitude Test Cell T-4
Hypervelocity Tunnel 9 (Located at AEDC's White Oak, MD site.)
Wind Tunnel A
Wind Tunnel B
Wind Tunnel C

Nevada Test and Training Range

Bldg 200 - Consolidated Operations Center (COC), Nellis Air Combat Tactics
    System (NACTS), Blackjack Range Operations
Nevada Test and Training Range Complex
Point Bravo Security Building and Scoring Facility
Tolicha Peak Electronic Combat Range Operations Center
Tonopah Test Range Airfield Operations Building

Air Force Flight Test Center

Air Force Electronic Warfare Environment Simulator (AFEWES)
Benefield Anechoic Facility (BAF)
Edwards Flight Test Range
Integration Facility for Avionics Test (IFAST)
Ridley Control Center

Utah Test and Training Range

Air Operations Center (AOC)
Avery Technical Center
Mission Control Center (MCC)
Utah Test and Training Range (UTTR) Complex
Wig Support Facility

46th Test Wing, to include 46th Test Group

A-22 Gun Test Range
A-22A Aeroballistics Test & Evaluation Facility (ATEF)
A-24 Simulated Test Environment for Munitions (STEM)
Aerospace Vehicle Survivability Facility (AVSF) -- WPAFB
Advanced Warhead Evaluation Facility (AWEF)

Base Installations Security System (BISS)
C4ISR Battlelab
C-64 Gun Test Range
C-74L Gunnery and Ballistics Facility
C-80A Lethality and Vulnerability Test Area
C-80B Lethality and Vulnerability (Medium) Test Area
C-80C Lethality and Vulnerability (Large) Test Area
C-80W Lethality and Vulnerability Test Area
C-86 LADAR Test Area
Central Inertial Guidance Test Facility (CIGTF) --
Eglin Central Control Facility (CCF)
Fuse Evaluation Facility 1(FEF1)
Fuse Evaluation Facility 2 (FEF2)
Guided Weapons Evaluation Facility (GWEF)
HELLFIRE Test Facility
High Explosive Research and Development Facility (HERD)
Holloman High Speed Test Track (HHSTT) -- 46th Test Group
Joint Preflight Integration of Munitions and Electronic Systems (J-PRIMES)
Kinetic Energy Munitions Test Facility (KEMTF)
Landing Gear Test Facility (LGTF) -- WPAFB
Link 16 Test Facility
McKinley Climatic Laboratory
Munitions Mass Properties Facility
National Radar Cross-section Test Facility (46th Test Group)
Overwater Test and Training Range/Gulf Test Range (OTTA/GTR)/Air to Surface
        Test Environment (ASTE)
Portable Signature Measurement Facility
Signature Test and Evaluation Facility (STEF)
Site A-13HB Open Air – Hardware in the Loop (HITL) Santa Rosa Island Facility

ASD(NII)/DoD CIO/DEFENSE INFORMATION SYSTEMS AGENCY ACTIVITY

Defense Information Systems Agency

Eagle Lab Testing Center – 12

- Common Data Mediation Services (CDMS)
- Joint Coordinated Real-Time Engagement (JCRE)
- Joint User Messaging (JUM)
- Local Attribute Store (LAS)
- Senior Leadership Remote Laptop
- Smart Search Agents (Mark Logic (ML))
- Strategic Watch Suite
- Global Electromagnetic Spectrum Information System (GEMSIS)
- Defense Information System Network (DISN) Evolution IA
- GIG Optical Test Suite
- GIG Tier III Multi-Service Provisioning Platform (MSPP) Transport Test Suite
- Joint C4I Decision Support Center (JCDSC)
- OSS (GIG) Transport Test Suite
- Integrated Imagery and Intelligence and Telecommunications (I3TEL) Network Services Web Development
- NetHealth
- OSS (GIG) Network Management
- Ports and Protocols
- Provisioning Automated Work System (PAWS)
- SCAONET
- SCAONET (Secret)
- World Wide On-Line Service-Revision (WWOLS-R) (ELTC-12)
- GCCS-J GSORTS Development Suite
- GCCS-J Global Test Suite
- GCCS-J Security Engineering Development Suite (GSEDS)
- GCCS-J SESS
- GCCS-J Status of Resource and Training System (SORTS)
- GCCS-J Joint Operational Planning and Execution System (JOPES)
- GCCS-J System Engineering
- GCCS-J-Top Secret
- GCSS-J Classified
- GCSS-J Unclassified
- JC2 GCN Development Suite
- JC2 GCN NIPRnet Suite
- JC2 GCN SIPRnet Suite
- Turbo Planner
- DOD Metadata Registry DoD MDR

- Net Centric Enterprise Services (NCES)
- Net Centric Enterprise Services (NCES) UNCLASS
- NetOps Situational Awareness
- User Defined Operational Picture (UDOP)
- IA-5
- IP Sonar - Enterprise Network Mapping Leak Detection System (ENMLDS)
- Joint Enterprise (JEDS)/Global Enterprise Directory Service (GDS)-NIPR
- Joint Enterprise (JEDS)/Global Enterprise Directory Service (GDS)-SIPR
- Develop NET (ELTC-A DEVNET)
- Common Access NIPR Suite (ELTC-A UI)
- Common Access SIPR Suite (ELTC-A CI)
- TE Virtualization Test Suite
- TEMC Infrastructure (ELTC-CI)

Eagle Lab Testing Center – 39
- Coordinated Real-Time Engagement (JCRE) NIPRnet
- Policy base White List Filter Management
- Policy Based Service Redirection
- Advance Technology Demonstration- Network (ATD-Net)
- Concord
- Defense Video Service Test Suite (NIPR)
- Defense Video Service Tier III Help Desk
- DISN Asynchronous Transfer Mode System (DATMS)
- Defense Information System Network Leading Edge Service (DISN-LES)
- DNS Tier 3 Testing
- IA Security
- IA Transport
- NIPR Tier 3 Testing
- Promina Test Suite
- Satellite Communication Integration (SATCOM Integration)
- SIPR Tier 3 Testing
- Asynchronous Transfer Mode (ATM) Management System (AMS)
- DISN Global Test Tool (DGTT) Test Suite (includes Real Time Services RTS)
- DISN Open Source Software (OSS) Defense Enterprise Computing Center (DECC) Test
- NORTEL SL-100 Test Suite

- Timing Rack
- World Wide On-Line Service-Revision (WWOLS-R), DoD Visitor
- Demilitarized Zone (DMZ)
- E-mail Security Gateway (EMSG)
- Federal DMZ
- Host Base Security System (HBSS) (ELTC-39)
- IA-Domain Name Service (DNS)
- NIPRNet Gateway
- Public Key Infrastructure (PKI)
- Releasable DMZ (REL-DMZ)
- Web Content Filtering (WCF)
- Digital Video Broadcast Return Channel Satellite (DVB RCS)
- Global Broadcast Service (GBS) TestBed
- Unified Dissemination Video Service (UDVS)

Eagle Lab Testing Center – 10
- Host Base Security System (HBSS) (ELTC-10)

1st Floor North Wing – 27
- NetOps Situational Awareness/NetOps Information Sharing Environment (GNSE)
- User Defined Operational Picture (UDOP)

1st Floor North Wing – 34
- Enterprise Thin Client (Joint Staff Thin Client Trusted Workstation Pilot (JTW)) (Isolated)

1st Floor North Wing – 42
- Open Source Software (OSS) Global Information Grid (GIG) Tier III Help Desk

1st Floor West Wing – 13
- Integrated Imagery and Intelligence (I3)
- TEMC Infrastructure (ELTC-UI)
- JMETC/InterTech Suite

Eagle Lab Testing Center – 14
- GCCS Deployment Center (GTAC)

Eagle Lab Testing Center – 20
- Defense Video Service Test Suite (SIPR)

Joint Interoperability Test Command, to include capabilities at Indian Head, MD, and Fort Huachuca, AZ

    Advance Technology Testbed - Wireless Lab
    Combined Enterprise Regional Information Exchange Lab
    Common Data Link Laboratory
    Defense Red Switch Network Lab
    DoD Interoperability Communications Exercise Facility
    Electronic Business / Electronic Commerce Laboratory
    Electronic Key Management System Testbed
    Global Information Grid (GIG) Network Test Facility
    Global Positioning System Lab
    High Frequency Test Facility
    Homeland Security Test Evaluation Facility
    JITC Information Assurance (IA-LAB) Laboratory
    Joint Operational Command, Control, Communications, Computers, and
        Intelligence
    Joint Tactical Data Link Lab
    Key Management Infrastructure Security Testing Facility
    Motion Imagery Standards Lab
    Multi-function Laboratory (MFL)
    National Imagery Transmission Format Standard Laboratory
    NATO Advanced Data Storage Interface Lab
    NATO Tactical Data Link Lab
    NAVY Fleet Message Exchange (FMX) Facility
    NAVY Information Systems Technology Laboratory
    Net Centric Interoperability Laboratory
    Public Key Infrastructure Laboratory
    Radio Frequency Test Facility
    Secure Digital Facsimile Testbed
    Situation Awareness Data Link Laboratory
    Ultra High Frequency Satellite Communications Test Facility
    Video Teleconferencing (VTC) Test Facility