DOT&E ACTIVITY AND OVERSIGHT

Activity Summary

DOT&E activity for FY10 involved oversight of 348 programs, including 46 major automated information systems. Oversight activity begins with the early acquisition milestones, continues through approval for full-rate production and, in some instances, during full production until deleted from the DOT&E oversight list.

Our review of test planning activities for FY10 included approval of 52 Test and Evaluation Master Plans (TEMPS)/Test and Evaluation Strategies, as well as 70 Operational Test Plans, and eight Live Fire Test and Evaluation (LFT&E) Strategies/Management Plans for inclusion in the TEMP. In FY10, DOT&E prepared seven Beyond Low-Rate Initial Production Reports, one Early Fielding Report, and four special reports for the Secretary of Defense and Congress, as well as the Ballistic Missile Defense Programs Annual Report and a report on the Airborne Laser.

DOT&E also prepared and submitted numerous reports to the Defense Acquisition Board (DAB) principals for consideration in DAB deliberations.

TEST AND EVALUATION MASTER PLANS / STRATEGIES APPROVED

Air and Space Operations Center Weapon System (AOC WS)
ANIUSQ-163 (FALCONER) Increment 10.2
Air Force Distributed Common Ground System (AF DCGS) Block 10.2
Air Intercept Missile-9X Revision B
Airborne Signals Intelligence Payload (ASIP)
Apache Block III
B-2 Advanced Technology Bomber Radar Modernization Program Full-Rate Production Annex
C-130 Avionics Modernization Program (AMP) Change 1
Combat Control System, AN/BYG-1(V), 234-11 Revision 5
Combat Information Transport System (CITS) ACAT IAC Portfolio Capstone with Air Force Intra-Net (AFNET) Increment 1 Appendix
Common Submarine Radio Room (CSRR) Revision 4
E-2D Advanced Hawkeye (E-2D AHE) Change One, Number 1654, Revision B
EA-6B ICAP III Prowler Aircraft Upgrade Number 1549, Revision E
Early Infantry Brigade Combat Team (F-IBCT)
Early Infantry Brigade Combat Team (Increment 1 E-IBCT)
Excalibur Increment 1a-2
Expeditionary Combat Support System (ECSS)
Extended Range Multi-Purpose Unmanned Aircraft System (ER/MP UAS)
F/A-18+/CIDIEIF Software Qualification Number S1699, Revision B
F/A-18E/F APG-79 Active Electronically Scanned Array (AESA) Radar Upgrade (RUG) Phase III, Revision E, Revision G
F/A-18E/F Software Qualification, Revision G
F-35 Joint Strike Fighter Lightening II, Revision 3
General Fund Enterprise Business System (GFEBS)
Global Command and Control System-Maritime (GCCS-M) Increment 2 (4.1)
Global Positioning System (GPS) Enterprise
HC/MC-130 Recapitalization
Improved (Chemical Agent) Point Detection System-Lifecycle Replacement (IPDS-LR) Test and Evaluation Master Plan
Integrated Strategic Planning and Analysis Network (ISPAN) Increment 2
Joint Air-to-Surface Standoff Missile - Extended Range (JASSM-ER) (AGM-158B)
Joint Biological Point Detection System (JBPDS) Revision 16
Joint Cargo Aircraft
Joint Chemical Agent Detector (JCAD), Increment I, Version 3.1
Joint Counter Radio Controlled Improvised Explosive Device Electronic Warfare (JCREW) Systems Increment 1
Joint Mission Planning System-Expeditionary (JMPS-E) Mission Planning Environment (MPE) Increment 1
Joint Torpedo Mk 48 Advanced Capability (ADCAP) Mod 7
Common Broadband Advanced Sonar System (CBASS) 0371-03, Revision 1
Marine Corps/Global Combat Support System Logistics Chain Management (GCSS-MC/LCM) Block 1
Mine Resistant Ambush Protected (MRAP) Low-Rate Initial Production (LRIP)
Miniature Air Launched Decoy-Jammer (MALD-J) ADM-160C Milestone B
Navy Enterprise Resource Planning (Navy ERP) Version 4
Navy Multi-band Terminal (NMT)
Non-Line-Of-Sight Launch Systems (NLOS-LS), Annex J
P-8A Poseidon
**DOT&E ACTIVITY AND OVERSIGHT**

- Palletized Load System (PLS) A1 Tactical Truck
- Small Diameter Bomb II (SDB-II) Milestone B (MS-B)
- Small Tactical Unmanned Aircraft System (STUAS)/Tier II
- Spider XM7 Command Network Munition Update for Low-Rate Initial Production (LRIP) Phase and Stand-off Capability Enhancement (SCE) Program
- Stryker Nuclear, Biological, and Chemical Reconnaissance Vehicle (NBCRV), Revision 6
- Surface Electronic Warfare Improvement Program (SEWIP) Block 2
- Tactical Unmanned Aircraft System
- Teleport, Generation 3, Phase 1
- USMC H-1 Upgrades Program (H-I) No. 1435 Revision D
- Virginia (SSN 774) Class Submarine Test and Evaluation Master Plan 1425, Revision F

**OPERATIONAL TEST PLANS APPROVED**

- Advanced Extremely High Frequency (AEHF) Operational Utility Evaluation (OUE) Revision 1
- Aegis Enterprise Program (OT/OT-CI)
- AGM-88E Advanced Anti-radiation Guided Missile (AARGM) Initial Operational Test and Evaluation (OT-C)
- Air Force B-2 Radar Modernization Program Mode Set 2 FOT&E Plan
- Air Force Distributed Common Ground System (AF DCGS) Block 10.2 Force Development Evaluation (FDE) Plan
- Air Intercept Missile-9X Block II Sidewinder Operational Test Plan (OTP) Number 1412-QT-11C
- Air Warfare/Ship Self-Defense (AW/SSD) Enterprise, CNO Project 1400, Follow-On Operational Test and Evaluation (OT-III) of the Ship Self Defense System (SSDS) Mark 2 Mod IA and CNO Project 1471, Follow-On Operational Test and Evaluation (OT-D2) of the Evolved SeaSparrow Missile (ESSM) Program
- AN/AQ-24(V)25 Large Aircraft Infrared Countermeasures (DoN LAIRCM) OT-D2 installed on United States Marine Corps (USMC) CH-53D Assault Support Helicopter
- AN/IRYG-I APB-07 Combat Control System, the AN/IRQQ-I0 APB-07 A-RCI Sonar system and the TB-34 Towed Array Combined Test Plan
- Apache Block III (AB3) Limited User Test (LUT)
- B-1 Fighter Integrated Data Link (FIDL) Operational Assessment (OA) Plan
- Common Aviation Command and Control System (CAC25S) OA Plan
- Common Submarine Radio Room FOT&E (OT-D1)
- Defense Enterprise Accounting and Management System (DEAMS) Early Operational Assessment (EOA) Plan
- Department of Defense Public Key Infrastructure (PKI) Increment 2, Spiral 1 Secret Internet Protocol Router Network (SIPRNet) Token OA Plan
- DoD Teleport System Generation Two, Phase Two (G2P2), MultiService OT&E Plan
- E-2D Advanced Hawkeye (E-2D AHE) (OT-CI)
- Expeditionary Combat Support System Release 1 EOA Plan
- Expeditionary Fighting Vehicle (EFV) Hot Weather Developmental Test/Operational Test Plan
- Expeditionary Fighting Vehicle Waterborne Directional Stability II Operational Test Plan
- Extended Range MultiPurpose Unmanned Aircraft System LUT for the Quick Reaction Capability 2 Unit Capability
- F/A-18 System Configuration Set (SCS) 23X OTP S1699-0T-D3, SCS H6E Software Qualification Testing (SQT) and Active Electronically Scanned Array Radar (AESAR) FOT&E 2 OTP 1589-0T-IIIH
- F-35 Joint Strike Fighter OA (OT-II)
- General Fund Enterprise Business System Release 1.4.1 LUT
- Global Combat Support System - Joint (GCSS-J) Version 7.1.0 OT&E Plan
- Global Combat Support System - Army (GCSS-A) Release 1.1
- Global Combat Support System - Marine Corps (GCSS-MC) Logistics Management, Block 1, Release 1.1 OTP
- Global Command and Control System - Maritime (GCSS-M) v4.1 IOT&E Plan
- Global Command and Control System - Maritime (GCSS-M) v4.1 OA Plan
- Global Command and Control System - Maritime (GCSS-M) v4.1 Unit Level OA Plan
- Global Combat Support System – Joint (GCSS-J) Version 7.1.1
- Global Positioning System (GPS) Enterprise II Modernization FDE
- Improved (Chemical Agent) Point Detection System Lifecycle Replacement (PIDS-LR) Program
- Infantry Brigade Combat Team (IBCT) Increment 1 LUT
- Joint Cargo Aircraft MultiService
- Joint Chemical Agent Detector (JCAD) FOT&E
- Joint Chemical Agent Detector (JCAD) Increment 1 Enhanced M41 Developmental/Operational Test Plan
DOT&E ACTIVITY AND OVERSIGHT

Joint Mission Planning (JMPS) F-16 MS.I Mission Planning Environment (MPE) Supplement to the JMPS Field Development Evaluation Test Plan
Joint Mission Planning System FDE Test Plan Supplements for F-22 Version 11, F-16 Block 30 SCU 7, B-1B Release 4.0, and A-10 Suite 6
Joint Mission Planning System - Maritime (JMPS-M) Test Plan for CNO Project Number 1588 F/A-18 Mission Planning Environment (MPE) 2.3
Joint Mission Planning System - Maritime (JMPS-M) Test Plan for CNO Project Number 1588 IOT&E (OT-IN) VH-3/VH-60 Helicopter MPE
Joint Primary Aircraft Training System (JPATS) T-6 Avionics Upgrade Project (AUP) (OT-DI)
Large Aircraft Infrared Countermeasures (DoN LAIRCM) Installed on USMC CH-46E Assault Support Helicopter FOT&E (OT-DI)
LCS 2 Electronic Chart Display and Information System Navy (ECDIS-N) Configuration IOT&E (OT-A3)
Low Cost Conformal Array IOT&E (OT-C)
Mine Resistant Ambush Protected (MRAP) – All Terrain Vehicle (M-ATV), IOT&E
Miniature Air Launched Decoy – Jammer (MALD-J) ADM-160C OA Mobile Landing Platform (MLP) EOA (OT-AI)
Multi-functional Information Distribution System – Joint Tactical Radio System (MIDS-JTRS) Program (OT-CI)
Navy Enterprise Resource Planning (Navy ERP) IOT&E (OT-C2B) Plan for Release 1.1
Navy Multiband Terminal (NMT) Program OA (OT-BI)
Net-Centric Enterprise Services (NCES) IOT&E Plan update for FOT&E 2
PATRIOT Post Deployment Build (PDB) 6.5 LUT
RQ-4 Global Hawk Block 20/30 Unmanned Aerial System IOT&E
Ship Self Defense System Mark 2 Mod 3 A FOT&E (OT-IIIE)
Space Based Space Surveillance (SBSS) Block 10 IOT&E Plan
Spider XM7 Command Network Munition Follow-on STANDARD Missile-6 (SM-6) (OT-IIA)
Stryker Mobile Gun System (MGS) Engineering Change Order (ECO) Validation Reliability
Surveillance Towed Array Sensor System (SURTASS) and Compact Low Frequency Active (CLFA) OA (OT-IIIF)
Tactical Unmanned Aircraft System Laser RangeFinder/Designator LUT
Terminal High Altitude Area Defense (THAAD) LUT (OTA-TP)
USAF Warfare Center MQ-9 GBU-38 Joint Direct Attack Munition Combined Developmental Test Support/FDE Test Plan,
USMC H-I Upgrades Program AH-I2 OT-IIIC3
Virginia Class Submarine FOT&E (OT-IIIA-5)
Virginia Class Submarine FOT&E Events OT-IIIA-1 and OT-IIIA-2
XM501 Non Line-of-Sight Launch System Limited User Flight Test

LIVE FIRE TEST AND EVALUATION STRATEGIES / MANAGEMENT PLANS

Apache Block III LFT&E Strategy
Cartridge, 5.56mm, Ball, Lead Free Slug, M855 LFT&E Strategy
CH-53K LFT&E Strategy (Revision)
DDG1000 LFT&E Management Plan
Enhanced Combat Helmet LFT&E Strategy
Family of Medium Tactical Vehicles-Long Term Armor Strategy
Rebuy LFT&E Strategy
Joint High Speed Vessel LFT&E Management Plan
Littoral Combat Ship LFT&E Management Plan

Activity and Oversight
### DOT&E Activity and Oversight

#### FY10 Reports to Congress

<table>
<thead>
<tr>
<th>Program</th>
<th>Report Type</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>BLRIP Reports</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acoustic Rapid Commercial Off-the-Shelf (COTS) Insertion (A-RCI) AN/BQQ-10(V) Sonar System</td>
<td>OT&amp;E BLRIP Report</td>
<td>October 2009</td>
</tr>
<tr>
<td>Virginia Class Submarine</td>
<td>Combined OT&amp;E/LFT&amp;E BLRIP Report</td>
<td>November 2009</td>
</tr>
<tr>
<td>Department of the Navy Large Aircraft Infrared Countermeasures (DoN LAIRCM)</td>
<td>OT&amp;E BLRIP Report</td>
<td>December 2009</td>
</tr>
<tr>
<td>Vertical Launch Anti-Submarine Rocket (ASROC) with the Mk 54 Mod 0 Lightweight Hybrid Torpedo (VLA Mk 54)</td>
<td>OT&amp;E BLRIP Report</td>
<td>January 2010</td>
</tr>
<tr>
<td>CV-22 Osprey</td>
<td>OT&amp;E BLRIP Report</td>
<td>January 2010</td>
</tr>
<tr>
<td>USS San Antonio Class (LPD 17) Amphibious Transport Dock Ship</td>
<td>Combined OT&amp;E/LFT&amp;E BLRIP Report</td>
<td>June 2010</td>
</tr>
<tr>
<td>USMC H-1 Upgrades (AH-1Z)</td>
<td>Combined OT&amp;E/LFT&amp;E BLRIP Report</td>
<td>September 2010</td>
</tr>
<tr>
<td><strong>Special Reports</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Assessment of the Mine Resistant Ambush Protected (MRAP) Family of Vehicles</td>
<td>Combined OT&amp;E/LFT&amp;E Special Report</td>
<td>March 2010</td>
</tr>
<tr>
<td>DOT&amp;E Independent Assessment of the Army’s Phase I and Phase II Follow-On Testing of Hard Body Armor</td>
<td>Special Report</td>
<td>July 2010</td>
</tr>
<tr>
<td><strong>BMDS Reports</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Early Fielding Reports</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Littoral Combat Ship (LCS) 1</td>
<td>Early Fielding Report</td>
<td>July 2010</td>
</tr>
</tbody>
</table>

During FY10, DOT&E met with Service operational test agencies, program officials, private sector organizations, and academia; monitored test activities; and provided information to the DAB committees as well as the DAB principals, the Secretary and Deputy Secretary of Defense, the Under Secretary of Defense (Acquisition, Technology and Logistics), the Service Secretaries, and Congress. Active on site participation in, and observation of, tests and test related activities remain the most effective tools.

In addition to on-site participation and local travel within the National Capital Region, approximately 835 trips supported the DOT&E mission.

Security considerations preclude identifying classified programs in this report. The objective, however, is to ensure operational effectiveness and suitability do not suffer due to extraordinary security constraints imposed on those programs.
Program Oversight

DOT&E is responsible for approving the adequacy of plans for operational test and evaluation and for reporting the operational test results for all major defense acquisition programs to the Secretary of Defense, Under Secretary of Defense (Acquisition, Technology and Logistics), Service Secretaries, and Congress. For DOT&E oversight purposes, major defense acquisition programs were defined in the law to mean those programs meeting the criteria for reporting under section 2430, title 10, United States Code (Selected Acquisition Reports (SARs)). The law (sec.139(a)(2)(B)) also stipulates that DOT&E may designate any other programs for the purpose of oversight, review, and reporting. With the addition of such "non-major" programs, DOT&E was responsible for oversight of a total of 348 acquisition programs during FY10.

Non-major programs are selected for DOT&E oversight after careful consideration of the relative importance of the individual program. In determining non-SAR systems for oversight, consideration is given to one or more of the following essential elements:

- Congress or OSD agencies have expressed a high level of interest in the program.
- Congress has directed that DOT&E assess or report on the program as a condition for progress or production.
- The program requires joint or multi-Service testing (the law (sec. 139(b)(4)) requires DOT&E to coordinate "testing conducted jointly by more than one military department or defense agency").
- The program exceeds or has the potential to exceed the dollar threshold definition of a major program according to DoD 5000.1, but does not appear on the current SAR list (e.g., highly classified systems).
- The program has a close relationship to or is a key component of a major program.
- The program is an existing system undergoing major modification.
- The program was previously a SAR program and operational testing is not yet complete.

This office is also responsible for the oversight of LFT&E programs, in accordance with 10 USC 139. DoD regulation uses the term "covered system" to include all categories of systems or programs identified in 10 USC 2366 as requiring live fire test and evaluation. In addition, systems or programs that do not have acquisition points referenced in 10 USC 2366, but otherwise meet the statutory criteria, are considered "covered systems" for the purpose of DOT&E oversight.

A covered system, for the purpose of oversight for LFT&E, has been determined by DOT&E to meet one or more of the following criteria:

- A major system, within the meaning of that term in 10 USC 2302(5), that is:
  - User-occupied and designed to provide some degree of protection to the system or its occupants in combat
  - A conventional munitions program or missile program
- A conventional munitions program for which more than 1,000,000 rounds are planned to be acquired.
- A modification to a covered system that is likely to affect significantly the survivability or lethality of such a system.

DOT&E was responsible for the oversight of 132 LFT&E acquisition programs during FY10.
DoD PROGRAMS

Armed Forces Health Longitudinal Technology Application (AHLTA)
Ballistic Missile Defense System (BMDS)
Ballistic Missile Technical Collection (BMTC)
Chemical and Biological Distributed Early Warning System (CB DEWS)
Chemical Demilitarization Program – Assembled Chemical Weapons Alternatives (CHEM DEMIL-ACWA)
Chemical Demilitarization – Chemical Materials Agency (Army Executing Agent) (CHEM DEMIL-CMA)
Defense Enterprise Accounting and Management System – TRANSCOM (DEAMS-TRANSCOM)
Defense Security Assistance Management System (DSAMS) Block 3
Defense Travel System (DTS)
Electronic Health Records (EHRs)
EProcurement
Global Combat Support System – Joint (GCSS-J)
Global Command & Control System – Joint (GCCS-J)
Integrated Air and Missile Defense (IAMD) Roadmap programs
Joint Biological Point Detection System (JPBDS)
Joint Biological Stand-Off Detection System (JBSDS)
Joint Biological Tactical Detection System (JBTDS)
Joint Chemical Agent Detector (JCAD)
Joint Command and Control Capabilities (JC2C) – encompasses GCCS-Family of Systems, TBMCS-FL, DCAwest, USMC JTCW, USMCTCO
Joint Counter Radio (ED Electronic Warfare (JCREW) Spiral 3.3

Joint Service Lightweight Standoff Chemical Agent Detector (JSLSCAD)
Joint Tactical Radio System (JTRS) Small Airborne & Maritime/Fixed (AMF) Station
Joint Tactical Radio System (JTRS) Enterprise Manager (JENM)
Joint Tactical Radio System (JTRS) Enterprise Services (ENS)
Joint Tactical Radio System (JTRS) Ground Mobile Radio (GMR)
Joint Tactical Radio System (JTRS) Handheld, Manpack, and Small Form Fit Radios (HMS)
Joint Tactical Radio System Network Enterprise domain (JTRS NED)
Joint Warning and Reporting Network (JWARN)
Key Management Infrastructure (KMI)
Mine Resistant Ambush Protected Vehicles (MRAP) Family of Vehicles
Mounted Reconnaissance Sets – Kits and Outfits (MS-SKO)
Multi-Functional Information Distribution System (MIDS) – includes Low Volume Terminal and JTRS
Multi-National Information Sharing (MNIS)
Public Key Infrastructure (PKI) Increment 1
Public Key Infrastructure (PKI) Increment 2
Shipboard Chemical, Biological, and Radiation Defense Systems – including the Improved (Chemical Agent) Point Detection System (IPDS)
Soldier Radio Waveform (SRW) Network Manager
Teleport Generations I/II and III
Theater Medical Information Program – Joint (TMIP-J) Block 2
Wideband Networking Waveform (WNW) Network Manager

ARMY PROGRAMS

9 mm Improved ("Green") Ammunition
Abrams Tank Modernization (M1E3)
Abrams Tank Upgrade (M1A1 SA/M1A2 SEP)
Advanced Threat Infrared Countermeasures/Common Missile Warning System (ATIRCM CMWS)
Advanced Precision Mortar Initiative (APMI)
AN/ALQ-211 Suite of Integrated Radio Frequency Countermeasures (SIRFC)
Apache Block III (AB3)
Armored Aerial Scout (previously named ARH Armed Recon Helicopter)
Armored Truck – Heavy Dump Truck (HDT)
ARMY PROGRAMS (continued)

- Armored Truck – Heavy Equipment Transporter (HET)
- Armored Truck – Heavy Expanded Mobility Tactical Truck (HEMTT)
- Armored Truck – M915A5 Line Hauler
- Armored Truck – M939 General Purpose Truck
- Armored Truck – Palletized Loading System (PLS)
- Army Integrated Air & Missile Defense (AIMD)
- Biometrics Enabling Capability (BEC)
- Black Hawk Upgrade (UH-60M) – Utility Helicopter Upgrade Program
- Bradley Fighting Vehicle System Upgrade
- Bradley Tank Modernization (M2A3 V2)
- CH-47F Cargo Helicopter
- Common Infrared Countermeasures (CIRCM)
- Common Missile Warning System (CMWS)
- Distributed Common Ground System – Army (DCGS-A)
- Early Infantry Brigade Combat Team (E-IBCT) Increment One
- Early Infantry Brigade Combat Team (E-IBCT) Increment One Network Interface Kit
- Early Infantry Brigade Combat Team (E-IBCT) Increment One Small Unmanned Ground Vehicle (SUGV)
- Early Infantry Brigade Combat Team (E-IBCT) Increment One Tactical Unattended Ground Sensors (T-UGS)
- Early Infantry Brigade Combat Team (E-IBCT) Increment One Unmanned Aircraft System (UAS) Class I Organic Air Vehicle Light
- Early Infantry Brigade Combat Team (E-IBCT) Increment One – Urban Unattended Ground Sensors (U-UGS)
- Early Infantry Brigade Combat Team (E-IBCT) Increment Two
- Early Infantry Brigade Combat Team (E-IBCT) Multi-Mission Unmanned Ground Vehicle
- Enhanced AN/TPQ-36 Radar System (EQ 36)
- Enhanced Medium Altitude Recon Surveillance System (EMARSS)
- Excalibur Family of Precision, 155 mm Projectiles
- Extended Range Multi-Purpose (ERMP) Unmanned Aircraft System (UAS)
- Family of Medium Tactical Vehicles (FMTV)
- Force XXI Battle Command Brigade and Below (FBCB2) Program
- Force XXI Battle Command Brigade and Below – Joint Capability Requirement (FBCB2-JCR)
- General Fund Enterprise Business System (GFEBSS)
- Global Combat Support System – Army (GCCS-A)
- Global Command and Control System – Army (GCCS-A)
- Ground Combat Vehicle (GCV)
- Guided Multiple Launch Rocket System – Unitary (GMLRS Unitary)
- Guided Multiple Launch Rocket System (GMLRS) – Dual Purpose
- Improved Conventional Munitions (DPICM)
- Guided Multiple Launch Rocket System Alternate Warhead (GMLRS AW)
- HELI FIRE Romeo
- High Mobility Artillery Rocket System (HIMARS)
- High Mobility Multipurpose Wheeled Vehicle (HMMWV)
- Hostile Fire Indicator
- Identification Friend or Foe Mark XII Mode 5 (all development and integration programs)
- Improved Carbine
- Installation Information Infrastructure Modernization Program
- Integrated Personnel and Pay System – Army (Army IPPS)
- Intelligent Munitions System (IMS) "Scorpion"
- Interceptor Body Armor
- Javelin Antitank Missile System – Medium
- Joint Air-to-Ground Missile (JAGM)
- Joint Battle Command Platform (JBC-P)
- Joint Cargo Aircraft (JCA)
- Joint Cooperative Target Identification – Ground (JCTI-G)
- Joint Future Theater Lift Concept (JFTLC)
- Joint Land Attack Cruise Missile Defense Elevated Netted Sensor System (JLENS)
- Joint Lightweight Tactical Vehicle (JLTV)
- Joint Personnel Identification (JPIv2)
- Kiowa Warrior Replacement Program
- Kiowa Warrior Upgrade
- Land Warrior – Integrated Soldier Fighting System for Infantrymen
- Light Utility Helicopter (LUH)
- Logistics Modernization Program (LMP)
- Long Endurance Multi-Intelligence Vehicle (LEMV)
- LONGBOW APACHE – Airframe modifications on the APACHE Helicopter
- M855 Lead Free Slug (LFS)
- Nett Warrior
- Paladin/FASSV Integrated Management (PIM)
- Patriot Advanced Capability 3 (PAC-3) (Missile only)
- Patriot/Medium Extended Air Defense System Combined Aggregate Program (Patriot/MEADS CAP)
- Precision Guidance Kit XM1156 (PGK)
- Shadow Unmanned Aircraft System
- Small Unmanned Aircraft System (Raven UAS)
ARMY PROGRAMS (continued)

- Spider XM7 Network Command Munition
- Stryker – Armored Vehicle
- Stryker M1126 Infantry Carrier Vehicle
- Stryker M1127 Reconnaissance Vehicle
- Stryker M1128 Mobile Gun System
- Stryker M1129 Mortar Carrier
- Stryker M1130 Commander’s Vehicle
- Stryker M1131 Fire Support Vehicle
- Stryker M1132 Engineer Squad Vehicle
- Stryker M1133 Medical Evacuation Vehicle
- Stryker M1134 ATGM Vehicle
- Stryker Modernization Program
- Stryker Nuclear Biological Chemical Reconnaissance Vehicle (NBCRV)
- Surface-Launched AMRAAM (SLAMRAAM)
- Warfighter Information Network – Tactical (WIN-T) Increment 1
- Warfighter Information Network – Tactical (WIN-T) Increment 2
- Warfighter Information Network – Tactical (WIN-T) Increment 3
- Warfighter Information Network – Tactical (WIN-T) Increment 4
- X829E4 AKE

NAVY PROGRAMS

- Acoustic Rapid COTS Insertion for SONAR
- Active Electronically Scanned Array (AESA)
- Advanced Airborne Sensor
- Advanced Extremely High Frequency Navy Multiband Terminal Satellite Program (NMPT)
- AEGIS Modernization
- AGM-88E Advanced Anti-Radiation Guided Missile (AARGM) Program
- AH-1Z
- AIM-9X – Air-to-Air Missile Upgrade
- Air and Missile Defense Radar (AMDR)
- Air Warfare/Ship Self Defense Enterprise
- Airborne Laser Mine Detection System (ALMDS)
- Airborne Mine Neutralization System (AMNS)
- Airborne Resupply/Logistics for Seabasing (AR/LSB)
- Amphibious Assault Vehicle Upgrade
- AN/AAR-47 V2 Upgrade Vehicle Laser Warning Receiver
- AN/APR-39 Radar Warning Receiver
- AN/AQS-20A Minehunting Sonar
- AN/BLQ-10 Submarine Electronics Support Measures
- AN/BVS-1 Photonics Mast
- AN/SLQ-25 NIXIE
- AN/SQQ-89A(V) Integrated USW Combat Systems Suite
- Anti-Torpedo Torpedo
- Anti-Torpedo Torpedo Defensive System (Previously Surface Ship Torpedo Defense System) including all sensors and decision tools
- Broad Area Maritime Surveillance Unmanned Aircraft System (BAMS UAS)
- BYG-1 Fire Control (Weapon Control & TMA)
- CG(X) - Next generation cruiser.
- CH-53K – Heavy Lift Replacement Program
- Close-In Weapon System (CIWS) including SEARAM
- Cobra Judy Replacement – Ship-based radar system
- Cobra Judy Replacement Mission Planning Tool
- Common Aviation Command and Control System (CAC2S)
- Consolidated Afloat Network Enterprise Services (CANES)
- Cooperative Engagement Capability (CEC)
- CVN 78 – Gerald R. Ford Class Nuclear Aircraft Carrier
- DDG 1000 – Zumwalt Class Destroyer – includes all supporting PARMs
- DDG 51 – Arleigh Burke Class Guided Missile Destroyer – includes all supporting PARMs
- Department of Navy Large Aircraft Infrared Counter Measures (DoN LAIRCM)
- Digital Modular Radio (DMR)
- Distributed Common Ground System – Navy (DCGS-N)
- Distributed Common Ground System – Marine Corps (DCGS-MC)
- E-2D Advanced Hawkeye (AHE)
- EA-18G – Airborne Electronic Attack variant of the F/A-18 aircraft
- Enhanced Combat Helmet
- Electronic Patrol - X (EP-X)
- Evolved Sea Sparrow Missile (ESSM)
- Evolved Sea Sparrow Missile Block 2
- Expeditionary Fighting Vehicle (EFV)
- F/A-18E/F SUPER HORNET Naval Strike Fighter
- Future Pay and Personnel Management Solution (FPMS)
- Global Combat Support System – Marine Corps (GCSS-MC)
- Global Command and Control System – Maritime (GCCS-M)
- Ground/Air Task Oriented Radar (G/ATOR)
NAVY PROGRAMS (continued)

H-1 UPGRADES (4BW/4BN) – USMC Mid-life Upgrade to AH-1W Attack Helicopter and UH-1N Utility Helicopter
Identification Friend or Foe Mark XIA Mode 5 (all development and integration programs)
Integrated Defensive Electronic Countermeasures (IDECM) (All Blocks)
Joint and Allied Threat Awareness System (JATAS)
Joint Assault Bridge
Joint Expeditionary Fires (JEF)
Joint High Speed Vessel (JHSV)
Joint Multi-Mission Submersible (JMMS)
Joint Mission Planning System (JMPS) – Navy (E/F/A-18E/F/G and JMPS-E)
Joint Precision Approach and Landing System (JPALS)
Joint Stand-Off Weapon C-1 variant (JSOW C-1)
KC-130J Aircraft
KC-130J Harvest Hawk
LCC(R) – Command Ship Replacement
Littoral Combat Ship (LCS) – includes all Mission Packages and supporting PARMs, and 57mm, 30mm, and NL0S-LS lethality
LHA 6 – America Class Amphibious Assault Ship – includes all supporting PARMs
LHD 8 Amphibious Assault Ship
Light Armored Vehicle
Low Cost Conformal Array
LPD 17 – San Antonio Class Amphibious Transport Dock
Ship – includes all supporting PARMs and 30mm lethality
Marine Personnel Carrier
Maritime Prepositioning Force (Future) Large, Medium-Speed, Roll-on/Roll-off Ships (MPF(F) LMSR)
Maritime Prepositioning Force (Future) Mobile Landing Platform (MPF(F) MLP)
Medium Tactical Vehicle Replacement Program (USMC) (MTVR)
MH-60R – Multi-Mission Helicopter Upgrade
MH-60S Multi-Mission Combat Support Helicopter
Mk 54 torpedo/Mk 54 VLA/Mk 54 Upgrades
Mk 48 CBASS Torpedo
Mk 48 Torpedo Mods
Mobile User Objective System (MUOS)
Naval Integrated Fire Control – Counter Air (NiFC-CA)
Navy Enterprise Resource Planning (ERP)
Navy Unmanned Combat Air System (UCAS)
Next Generation Combat Air System (UCAS)
Next Generation Enterprise Network (NGEN)
Next Generation Jammer

Ohio Replacement Program (Sea-based Strategic Deterrence) – including all supporting PARMs
Organic Airborne and Surface Influence Sweep (OASIS)
OSPREY MV-22 – Joint Advanced Vertical Lift Aircraft
P-8A Poseidon Program
Rapid Airborne Mine Clearance System (RAMICS)
Remote Minehunting System (RMS)
Rolling Airframe Missile (RAM) including RAM Block 1A Helicopter Aircraft Surface (HAS) and RAM Block 2 Programs
Ship Self-Defense System (SSDS)
SHIP TO SHORE CONNECTOR (SSC) (also called Joint Assured Maritime Access (JAMA))
Small Tactical Unmanned Aerial System (STUAS) – UAS Tier II
SSGN Ohio Class Conversion – includes all supporting PARMs
SSN 774 Virginia Class Submarine
Standard Missile 2 (SM-2) Block IIIIB
Standard Missile 2 (SM-2) Block IIC
Standard Missile-6 (SM-6)
Submarine External Communications System (SubECS)/Common Submarine Radio Room (CSRR)
Submarine Torpedo Defense System (Sub TDS) – including countermeasures and Next Generation Countermeasure System (NGCM)
Surface Electronic Warfare Improvement Program (SEWIP) Block 2
Surface Electronic Warfare Improvement Program (SEWIP) Block 3
Surface Electronic Warfare Improvement Program (SEWIP) Block 4
Surface Mine Countermeasures Unmanned Undersea Vehicle (SMCM UUV)
Surveillance Towed Array Sonar System/Low Frequency Active (SURTASS/LFA)
TACTICAL TOMAHAWK – Follow-on to TOMAHAWK Baseline missile program
T-AKE – Lewis and Clark Class of Auxiliary Dry Cargo Ships – includes all supporting PARMs
TB-33 Array Fiber Optic Thin Line System
TB-34 Next generation Fat Line Replacement Towed Array
TRIDENT II MISSILE – Sea-Launched Ballistic Missile
UH-1Y
Unmanned Surface Sweep System (US3)
Unmanned Undersea Vehicle program
Vertical Takeoff and Land Tactical Unmanned Air Vehicle (VTUAV)
(Fire Scout)
VXX – Presidential Helicopter Fleet Replacement Program
AIR FORCE PROGRAMS

20mm PGU-28/B Replacement Combat Round
Advanced Pilot Trainer
Advanced Extremely High Frequency (AEHF) Satellite Program
Advanced Medium Range Air-to-Air Missile (AMRAAM)
Air and Space Operations Center – Weapons System (AOC-WS) Initiative 10.2
Air and Space Operations Center – Weapons System (AOC-WS) initiatives including 10.0 and 10.1
Airborne Signals Intelligence Payload (ASIP)
Airborne Warning and Control System (AWACS) Block 40/45 Upgrade Program
Air Force Distributed Common Ground System (AF-DCGS)
Air Force Integrated Personnel and Pay System (AF-IPPS)
Air Force Network (AFNET) Increment 1
Air Force Network (AFNET) Increment 2
Air Force Network (AFNET) Increment 3
ALR-69A Radar Warning Receiver
Army Mission Planning System (AMPS)
B-2 Advanced Extremely High Frequency (EHF) SatCom and Computer Capability Increment I
B-2 Advanced Extremely High Frequency (EHF) SatCom and Computer Capability Increment II
B-2 RMP - B-2 Radar Modernization Program
Battle Control System – Fixed (BCS-F) 3.1
Battle Control System – Fixed (BCS-F) 3.2
Battlefield Airborne Communications Node (BACN) JUON
C-5 Aircraft Avionics Modernization Program (AMP)
C-5 Aircraft Reliability Enhancement and Re-engineing Program (RERP)
C-17A - GLOBEMASTER III Advanced Cargo Aircraft Program
C-130 Aircraft Avionics Modernization Program (AMP)
C-130 Aircraft Avionics Modernization Program (AMP) Prime
C-130 Aircraft Avionics Modernization Program (AMP) Phase II
C-130J - HERCULES Cargo Aircraft Program
CFTS AFNet Migration JUON
Combat Search and Rescue Replacement (CSAR-X)
Command and Control Air Operations Software (C2AOS) (follow-on to Theater Battle Management Core System)
Command and Control Information Services (C2IS)
Common Vertical Lift Support Platform (CVLSP)
Cyber Control System (CCS) Increment 1
Cyber Control System (CCS) Increment 2

Defense Enterprise Accounting and Management System – Air Force (DEAMS – AF)
Defense Weather Satellite System (DWSS)
Deliberate and Crisis Action Planning and Execution Segments (DCAPES)
E-4B National Airborne Operations Center (NAOC) Aircraft Replacement Program
Enhanced Polar System (EPS)
Expeditionary Combat Support System (ECSS)
F-15E Radar Modernization Program
F-22 RAPTOR Advanced Tactical Fighter
F-35 Lightning II Joint Strike Fighter (JSF) Program
Family of Beyond Line-of-Sight Terminals (FBLOS-T)
Family of Beyond Line-of-Sight Terminals, Increment 2 (High Data Rate Airborne Terminal) (FBLOS-T HDRAT)
Financial Information Resource System
Full Scale Aerial Target
Global Broadcast Service (GBS)
Global Broadcast System (GBS) Defense Enterprise Computing Center (DECC)
GLOBAL HAWK (RQ-4A/B) – High Altitude Endurance Unmanned Aircraft System
Global Positioning Satellite Next Generation Control Segment (GPS OCX)
Global Positioning Satellite III (GPS-IIIa)
HC/MS – 130 Recapitalization
Identification Friend or Foe Mark XIIa Mode S (all development and integration programs)
Integrated Transport Service (ITS) Increment 2
Integrated Strategic Planning and Analysis Network (ISPAN) Increment 2
Joint Aerial Layer Network
Joint Air-to-Surface Standoff Missile (JASSM) and JASSM Extended Range (JASSM ER)
Joint Direct Attack Munition (JDAM)
Joint Primary Aircraft Training System (JPATS)
Joint Space Operations Center Mission System (JMS)
Joint Surveillance Target Attack Radar System (JSTARS) Re-engine Program
KC-X - Tanker Replacement Program
Large Aircraft Infrared Countermeasures Program (LAIRCM)
Light Armed Attack Aircraft
Light Mobility Aircraft
AIR FORCE PROGRAMS (continued)

Massive Ordnance Penetrator (MOP)
Military GPS User Equipment (GPS MGUE)
Miniature Air Launched Decoy (MALD), including MALD-Jammer (MALD-J)
Mission Planning Systems (MPS) Increments III including the Joint Mission Planning System (JMPS) - (RC-135)
Mission Planning System (MPS) Increment IV – (E-8/E-3, B-1, F-22, A-10)
Multi-Platform Radar Technology Insertion Program (MP RTIP)
MQ-9 REAPER Unmanned Aircraft System
MQ-X
National Airspace System (NAS)
NAVSTAR Global Positioning System (GPS) – includes Satellites, Control and User Equipment
NUDET Detection System (NDS)

OSPREY CV-22 – Joint Advanced Vertical Lift Aircraft
Presidential Aircraft Recapitalization (PAR) Program – Air Force One recapitalization program
Small Diameter Bomb (SDB) Increment I
Small Diameter Bomb (SDB) Increment II
Space-Based Infrared System Program, High Component (SBIRS HIGH)
Space-Based Space Surveillance (SBSS) Block 10
Space-Based Space Surveillance (SBSS) Block 10 Follow-on
Space Fence
Three-dimensional Expeditionary Long-Range Radar (3DELRR)
Vulnerability Life Cycle Management System (VLMS) 1.5
Vulnerability Life Cycle Management System (VLMS) 2.0
Wideband Global SATCOM (WGS) Program