

Activity Summary

DOT&E activity for FY12 involved oversight of 327 programs, including 41 Major Automated Information Systems (MAIS). 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 FY12 included approval of 43 Test and Evaluation Master Plans (TEMPs) and 1 Test and Evaluation Strategy, as well as 73 Operational Test Plans and 1 Live Fire Test and Evaluation (LFT&E) Management Plan. In FY12, DOT&E prepared for the Secretary of Defense and Congress 14 Beyond Low-Rate Initial Production (BLRIP) reports, 2 Early Fielding reports, 6 Follow-on Operational Test and Evaluation (FOT&E) reports, 2 LFT&E reports, 1 MAIS report, and 2 special reports, as well as the Ballistic Missile Defense (BMD) Programs FY11 Annual Report. Additional FY12 DOT&E reports that did not go to Congress included 25 Operational Assessment reports, 1 FOT&E report, 1 LFT&E report, 6 MAIS reports, and 3 special reports.

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

During FY12, 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 onsite participation in, and observation of, tests and test-related activities are a primary source of information for DOT&E evaluations. In addition to onsite participation and local travel within the National Capital Region, approximately 925 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.

TEST AND EVALUATION MASTER PLANS / STRATEGIES APPROVED

Advanced Extremely High Frequency (AEHF) Satellite Communications System TEMP

Advanced Medium-Range Air-to-Air Missile (AMRAAM) Electronic Protection Improvement Program (EPIP) TEMP

Air and Space Operations Center – Weapon System (AOC-WS), Increment 10.1 TEMP

Air Force Integrated Personnel and Pay System (AF-IPPS) TEMP

Amphibious Assault Ship Replacement (LHA (R)) TEMP

AN/ALR-69A Radar Warning Receiver Program TEMP

Apache Block III (AB3) TEMP

Army Integrated Air and Missile Defense TEMP

Automatic Radar Periscope Detection and Discrimination (ARPDD) Upgrade TEMP

B-61 Life Extension Program Tailkit Assembly Test and Evaluation Strategy

Battle Control System – Fixed (BCS-F), Increment 3, Release 3.2 (R3.2) TEMP

Cooperative Engagement Capability (CEC) TEMP Revision 5

Defense Enterprise Accounting and Management System (DEAMS) TEMP

Distributed Common Ground System – Army (DCGS-A) Increment 1 TEMP

Distributed Common Ground System – Marine Corps (DCGS-MC) Milestone B TEMP

Enhanced AN/TPQ-36 (EQ-36) Milestone C Update TEMP

EProcurement (EProc) TEMP

EProcurement Addendum to Milestone C TEMP

F/A-18E/F and EA-18G Flight Plan TEMP No. 1787

Global Broadcast Service (GBS) TEMP

Global Positioning System (GPS) Enterprise TEMP (ETEMP)

Ground/Air Task Oriented Radar (G/ATOR) TEMP

Guided Multiple Launch Rocket System – Alternate Warhead (GMLRS – W) Milestone B TEMP

Integrated Defensive Electronic Countermeasures (IDECM) Suite Block 4 TEMP

Integrated Defensive Electronic Countermeasures (IDECM) Suite Block 4 TEMP No. 1490 Annex C Change

Integrated Submarine Imaging System (ISIS) Program TEMP

Joint High Speed Vessel (JHSV) TEMP

Joint Lightweight Tactical Vehicle (JLTV) Increment I Milestone B TEMP

Joint Warning and Reporting Network (JWARN) Increment I TEMP

Key Management Infrastructure (KMI) Increment 2 TEMP

M109 Family of Vehicles Paladin Integrated Management (PIM) TEMP

Mark XIIIA Mode 5 Identification Friend or Foe (IFF) TEMP

Mk 48 Mod 7 Common Broadband Advanced Sonar System (CBASS) and the Mk 48 Mod 6 Advanced Common Torpedo with Advanced Processor Build (APB) Spiral 4 TEMP No. 0371

DOT&E ACTIVITY AND OVERSIGHT

MQ-1C Increment 1 Gray Eagle (GE) Unmanned Aircraft System (UAS) TEMP

MQ-4C Broad Area Maritime Surveillance (BAMS) Unmanned Aircraft System (UAS) TEMP

MQ-9 Reaper Increment 1 Unmanned Aircraft System TEMP

MQ-9 Reaper Increment 1 Unmanned Aircraft System TEMP Update 1

RC-135 Multi-functional Information Distribution System (MIDS) Joint Tactical Radio System (JTRS) Integration TEMP

Remote Minehunting System (RMS) TEMP Revision D

Rolling Airframe Missile (RAM) Block 2 TEMP

Ship-to-Shore Connector (SSC) TEMP

Space-Based Infrared System (SBIRS) Enterprise TEMP (ETEMP)

Submarine Electronic Warfare Support (ES) System (AN/BLQ-10) TEMP

Surface Mine Countermeasures Unmanned Undersea Vehicle (SMCM UUV) TEMP (February 2012)

Surface Mine Countermeasures Unmanned Undersea Vehicle (SMCM UUV) TEMP (August 2012)

Teleport, Generation 3, Phase 2 (G3P2) TEMP Update

Virginia (SSN 774) TEMP with Design of Experiments (DOE) Appendix

Warfighter Information Network – Tactical (WIN-T) Increment 2 TEMP

OPERATIONAL TEST PLANS APPROVED

Advanced Extremely High Frequency (AEHF) Operational Utility Evaluation (OUE) 2 Operational Test Agency (OTA) Test Plan

Aegis Baseline 7.1R and Cooperative Engagement Capability (CEC) FOT&E Test Plans

Air and Space Operations Center (AOC) – Weapon System (WS) Increment 10.1 Recurring Event (RE) 11 Force Development Evaluation (FDE) Plan

Air and Space Operations Center (AOC) – Weapon System (WS) Increment 10.1 Overarching OT&E Plan

Air Intercept Missile-9X Block II IOT&E Plan

Airborne Warning and Control System (AWACS) Block 40/50 Upgrade IOT&E Plan

AN/ALR-69A Radar Warning Receiver (RWR) IOT&E Test Plan

Apache Block III Force Development Test and Experimentation II (FDT&E II) and IOT&E Operational Test Agency (OTA) Test Plan

Automatic Radar Periscope Detection and Discrimination (ARPDD) Upgrade IOT&E Plan

B-2 EHF SATCOM Increment 1 IOT&E Plan

Battle Control System – Fixed Release 3.2 (BCS-F R3.2) IOT&E Plan

C-130 Avionics Modernization Program IOT&E Test Plan

C-130J Data Transfer and Diagnostics System (DTADS) FOT&E Plan

C-130J Station Keeping Equipment (SKE) Software Enhancement (SSE) FOT&E-2 Plan

C-5 Reliability Enhancement and Re-Engining Program Operational Flight Program 3.5 FDE Test Plan

CNO Project No. 1714, Enterprise Test (ET-03) Phase 2 of the Air Warfare/Ship Self-Defense (AW/SSD) Enterprise, CNO Project 1400, FOT&E (OT-IIIIF) of the Ship Self-Defense System (SSDS) Mark 2 Mod 1A and CNO Project 1471, FOT&E (OT-D2) of the Evolved SeaSparrow Missile (ESSM) Program

CNO Project No. 1787, FOT&E OT-D1 of the EA-18G Airborne Electronic Attack Aircraft System Configuration Set H8E Test Plan

CNO Project No. 3980 1552-OT-B2/1583-OT-B2, Operational Assessment (OA) (OT-B2) of the MH-60S Block 2 Airborne Mine Countermeasures System (AMCM) and the AN/AES-1 Airborne Laser Mine Detection System (ALMDS) Test Plan

CNO Project No. J1656, MOT&E (OT-D3) of the Mobile User Objective System (MUOS) Test Plan

Common Aviation Command and Control System (CAC2S), Increment 1, Phase 1 Limited User Evaluation Plan

Consolidated Afloat Networks and Enterprise Services (CANES) OA Test Plan

Cooperative Engagement Capability (CEC) FOT&E (OT-IIIIF) Test Plan

Distributed Common Ground System – Army (DCGS-A) Increment 1, DCGS-A Software Baseline (DSB) 1.0 IOT&E OTA Test Plan (TP)

Distributed Common Ground System – Navy (DCGS-N) FOT&E Plan

Dry Cargo and Ammunition Ship (T-AKE) Program Change Transmittal II to Test Plan

E-2D Advanced Hawkeye (AHE) IOT&E/CEC FOT&E Test Plan

EProcurement Release 1.2 IOT&E Plan

EProcurement Release 1.2 OA Test Plan

F/A-18/F System Configuration Set (SCS) H8E Software Qualification Test (SQT) And Active Electronically Scanned Array (AESA) Radar Upgrade Phase III OT&E Plan

Gerald R. Ford Class CVN-78 Aircraft Carrier Test Plan for OA OT-B3

Global Command and Control System – Joint (GCCS-J) Global Version 4.2.0.9 Release OT&E Plan

H-1 Upgrades Program FOT&E (OT-IIIIB) Test Plan

HC/MC-130J Recapitalization (RECAP) IOT&E Plan

Integrated Defensive Electronic Countermeasures (IDECM) Suite Block 4 OA Test Plan

Integrated Personnel and Pay System – Army (IPPS-A) Test and Evaluation Plan (TEP)

Integrated Strategic Planning and Analysis Network (ISPAN) Increment 2 IOT&E Plan

Joint Chemical Agent Detector (JCAD) Visit, Board, Search, Seizure (VBSS) OTA Test Plan for Developmental Test/Operational Test (DT/OT)

Joint Space Operations Center (JSpOC) Mission System (JMS) Increment 1 OUE OTA Test Plan

Joint Space Operations Center (JSpOC) Mission System (JMS) Increment 2 Early OA (EOA) Plan

DOT&E ACTIVITY AND OVERSIGHT

Joint Tactical Radio System (JTRS) Enterprise Network Manager (JENM) for Soldier Radio Waveform (SRW) IOT&E Test Plan

Joint Tactical Radio System (JTRS) Handheld, Manpack, Small Form Fit (HMS) Manpack Radio MOT&E OTA Test Plan

Joint Tactical Radio System (JTRS) Handheld, Manpack, Small Form Fit (HMS) Rifleman Radio IOT&E OTA Test Plan

Joint Warning and Reporting Network (JWARN) Increment 1 FOT&E OTA Test Plan

Key Management Infrastructure (KMI) Increment 2, Spiral 1, IOT&E Plan

Littoral Combat Ship (LCS) Quick Reaction Assessment (QRA) Data Management and Analysis Plan (DMAP)

LPD-17 Data Management and Analysis Plan (DMAP) for Deficiency concerning reliability during the first five hours of Amphibious Assault (R5)

LPD-17 FOT&E Test Plan for Chemical, Biological, Radiological Defense (CBRD) and Magnetic Signature Check Range Run

Mark XIIA Identification Friend or Foe (IFF) Mode 5 Joint Operational Test Approach (JOTA) Test Plan

Mark XIIA Identification Friend or Foe (IFF) Mode 5 Joint Operational Test Approach (JOTA) Version 2.0

Miniature Air-Launched Decoy – Jammer (MALD-J) ADM-160C IOT&E Test Plan

Mk 48 Test Plan

Mk 48 Mod 6 Advanced Common Torpedo (ACOT) and Mk 48 Mod 7 Common Broadband Advanced Sonar System (CBASS) Torpedo FOT&E Test Plan

Mk 54 Test Plan Change 1

MQ-1C Gray Eagle Unmanned Aircraft System IOT&E OTA Test Plan

MQ-9 Operational Flight Program 904.2 FDE Plan

MV-22B Block C FOT&E Test Plan

Ohio Class Replacement Submarine EOA Test Plan (1771-OT-A1)

P-8A Poseidon Multi-mission Maritime Aircraft (MMA) IOT&E Test Plan

Patriot Limited User Test (LUT) OTA Test Plan

RC-135 Multi-functional Information Distribution System (MIDS) Joint Tactical Radio System (JTRS) Integration Test Plan

Small Diameter Bomb Increment II (SDB II) Multi-Service OA Plan

Space Fence EOA OTA Test Plan

Space-Based Infrared System Effectivity 5 OUE OTA Test Plan

Standard Missile-6 (SM-6) OT-IIB IOT&E Test Plan Annex A Model and Simulation Runs for the Record (RFR) (U)

Stryker Double-V Hull (DVH) Mortar Carrier Vehicle (MCSV) OTA Test Plan

Stryker Double-V Hull (DVH) Addendum to the LFT&E Phase 2/3 OTA Test Plan and the Detailed Test Plan (DTP)

Submarine Electronic Warfare Support (ES) System (AN/BLQ-10) Integrated Evaluation Framework (IEF)

Surveillance Towed Array Sensor System (SURTASS) Compact Low Frequency Active (CLFA) Test Plan for IOT&E (OT-IIG)

Teleport Generation 3, Phase 2 (G3P2) OA OTA Plan

U.S. Air Forces Central (AFCENT) Combined Air and Space Operations Center (CAOC) Information Assurance Assessment Plan

Vertical Take-off and Landing Tactical Unmanned Aerial Vehicle (VTUAV) System Quick Reaction Assessment (QRA) Data Management and Analysis Plan (DMAP)

Warfighter Exercise (WFX) 12-4 Information Assurance and Interoperability Assessment Plan

Warfighter Information Network – Tactical Increment 2 IOT&E OTA Test Plan

LIVE FIRE TEST AND EVALUATION STRATEGIES, TEST PLANS, AND MANAGEMENT PLANS

57 mm Ammunition LFT&E Management Plan

DOT&E ACTIVITY AND OVERSIGHT

FY12 DOT&E REPORTS TO CONGRESS		
Program	Report Type	Date
BLRIP Reports		
Stryker Nuclear, Biological, and Chemical Reconnaissance Vehicle (NBCRV)	Combined OT/LFT	November 2011
Navy Multiband Terminal (NMT) with Classified Annex	OT Report	November 2011
Large Aircraft Infrared Countermeasure (LAIRCM) Phase II System	OT Report	January 2012
Global Positioning System Selective Availability/Anti-Spoof Module (GPS SAASM)	Multi-Service OT Report	February 2012
Terminal High-Altitude Area Defense (THAAD) and AN/TPY-12 Radar	Combined OT/LFT	February 2012
Spider XM7 Network Command Munition with Confidential Annex	Combined OT/LFT	February 2012
Mine Resistant Ambush Protected (MRAP) Family of Vehicles: Dash with Independent Suspension System (ISS), MRAP Recovery Vehicle (MRV), Marine Corps Cougar Ambulance	Combined OT/LFT	March 2012
Global Combat Support System – Army (GCSS-Army)	OT Report	June 2012
Direct Attack Moving Target Capability (DAMTC)	OT Report	June 2012
Mark XIIA Mode 5 Identification Friend or Foe (IFF) System	OT Report	July 2012
AH-64D Apache Block III (AB3) Attack Helicopter with Classified Annex	Combined OT/LFT	August 2012
AGM-88E Advanced Anti-Radiation Guided Missile (AARGM)	OT Report	August 2012
Warfighter Information Network – Tactical (WIN-T) Increment 2 with Classified Annex	OT Report	September 2012
Common Remotely Operated Weapon Station (CROWS)	OT Report	September 2012
Early Fielding Reports		
Mk 54 Lightweight Torpedo with Block Upgrade (BUG) Software	OT Report	January 2012
Massive Ordnance Penetrator (MOP)	OT Report	April 2012
FOT&E Reports		
Virginia Class Submarine Low Frequency Active (LFA) (ACCM)	OT Report	November 2011
Tomahawk Land Attack Missile	OT Report	February 2012
Verification of Correction of Deficiencies Report on the Multi-functional Information Distribution System (MIDS) Joint Tactical Radio System (JTRS)	OT Report	March 2012
EA-18G Airborne Electronic Attack (AEA) Aircraft	OT Report	March 2012
F/A-18E/F Super Hornet	OT Report	April 2012
Combined MH-60R Multi-Mission Helicopter and the MH-60S Multi-Mission Combat Support Helicopter Preplanned Product Improvement (P3I) Program	OT Report	April 2012
LFT&E Reports		
Family of Medium Tactical Vehicles (FMTV) A1P2	LFT Report	October 2011
Enhanced Combat Helmet (ECH)	LFT Report	May 2012
MAIS Reports		
EProcurement System	OT Report	June 2012
Special Reports		
Active Protection Systems (APS) Live Fire Test and Evaluation	LFT Report	February 2012
Assessment of Department of Defense (DoD) Information Assurance during Major Combatant Command (CCMD) Service Exercises	Information Assurance	April 2012
BMD Reports		
FY11 Assessment of the Ballistic Missile Defense System (BMDS) (includes classified appendices A, B, C)	Annual Report	February 2012

DOT&E ACTIVITY AND OVERSIGHT

OTHER FY12 DOT&E REPORTS		
Program	Report Type	Date
Operational Assessment Reports		
MQ-9 Unmanned Aerial System (UAS)	OT Report	October 2011
B-2 Extremely High Frequency (EHF) Satellite Communications (SATCOM) and Computer Upgrade Increment 1	OT Report	October 2011
AN/AAR-47 Missile Warning Set (MWS) Hostile Fire Indication (HFI) Software Upgrade, Operational Flight Program (OFP) 30.41	OT Report	October 2011
Key Management Infrastructure (KMI) Spiral 1	OT Report	October 2011
Surveillance Towed Array Sensor System (SURTASS) with Compact Low Frequency Active (CLFA)	OT Report	October 2011
Stryker Double-V Hull (DVH) Configuration of the Engineer Squad Vehicle (ESVV)	Combined OT/LFT	October 2011
Family of Medium Tactical Vehicles (FMTV) A1P2	Combined OT/LFT	October 2011
Stryker Double-V Hull (DVH) Configuration of the Infantry Carrier Vehicle (ICVV) Scout	Combined OT/LFT	January 2012
Network Integration Evaluation (NIE) 11.2 with Classified Annex	OT Report	January 2012
Distributed Common Ground System – Army (DCGS-A) Software Baseline (DSB) 1.0	OT Report	January 2012
Block Cycle Change 03 (BCC 03) for the C-5 Avionics Modernization Program (AMP)	OT Report	February 2012
C-17 Formation Flight System (FFS)	OT Report	February 2012
C-130J Station Keeping Equipment (SKE) Software Enhancement (SSE)	OT Report	February 2012
Integrated Strategic Planning and Analysis Network (ISPAN) Increment 2, Spiral 1	OT Report	March 2012
MQ-1C Gray Eagle Unmanned Aircraft System (UAS)	OT Report	April 2012
Department of Defense Teleport System, Generation Three Phase Two	OT Report	May 2012
Stryker Double-V Hull (DVH) Configuration of the Mortar Carrier Vehicle (MCVV)	Combined OT/LFT	May 2012
MH-60S Airborne Mine Countermeasures Helicopter and AN/AQS-20A Mine Detecting Sonar	Combined OT/LFT	June 2012
Visit, Board, Search, and Seizure (VBSS) Joint Chemical Agent Detector (JCAD)	OT Report	July 2012
Stryker Double-V Hull (DVH) Configuration of the Medical Evacuation Vehicle (MEVV)	Combined OT/LFT	July 2012
Joint Tactical Radio System (JTRS) Handheld, Manpack, Small Form Fit (HMS) Manpack Radio and Joint Enterprise Network Manager (JENM)	OT Report	July 2012
Joint Tactical Radio System (JTRS) AN/PRC-154 Rifleman Radio and Soldier Radio Waveform Network Manager (SRWNM)	OT Report	August 2012
Mine Resistant Ambush Protected (MRAP) Family of Vehicles: Navistar Dash Ambulance and MRAP All-Terrain Vehicle (M-ATV) Underbody Improvement Kit (UIK)	Combined OT/LFT	August 2012
MQ-9 Reaper Block 5 Remotely Piloted Aircraft	OT Report	September 2012
Defense Enterprise Accounting and Management System (DEAMS) Increment 1 Release 1	OT Report	September 2012
FOT&E Reports		
BAE-Tactical Vehicle System (TVS) Caiman Mine Resistant Ambush Protected (MRAP) Vehicle	LFT&E Report	June 2012
LFT&E Reports		
Stryker Double-V Hull (DVH) Configuration of the Commander's Vehicle (CVV)	LFT&E Report	January 2012
MAIS Reports		
Battle Control System – Fixed (BCS-F) Increment 3.1	OT Report Update 1	October 2011
Joint Mission Planning System – Expeditionary (JMPS-E)	IOT&E Report	October 2011
Public Key Infrastructure (PKI) Increment 2	IOT&E Report	January 2012
Global Command and Control System – Joint (GCCS-J) Version 4.2.0.9	OT Report	January 2012
Joint Mission Planning System (JMPS) E-8 Joint Surveillance Target Attack Radar System (JSTARS) Mission Planning Environment (MPE)	IOT&E Report	February 2012
Battle Control System – Fixed (BCS-F) Increment 3, Release 3.1 (R3.1)	OT Report Update 2	May 2012
Special Reports		
Hellfire Romeo Missile	LFT&E Report	November 2011
Stryker Mobile Gun System (MGS) Engineering Change Order (ECO) Block 3	Combined OT/LFT	January 2012
Surface-Launched Advanced Medium-Range Air-to-Air Missile (SLAMRAAM)	OT Report	May 2012

DOT&E ACTIVITY AND OVERSIGHT