

FY15 Activity Summary

DOT&E activity for FY15 involved oversight of 312 programs, including 27 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 removed from the DOT&E oversight list.

Our review of test planning activities for FY15 included approval of 35 Test and Evaluation Master Plans (TEMPs); 84 Operational Test Plans; 4 Live Fire Test and Evaluation (LFT&E) Strategies and Management Plans (not included in a TEMP); and disapproval of the following 1 TEMP and 1 Test Plan:

- CVN 78 Class Program Number 1610, Revision C TEMP
- Littoral Combat Ship (LCS) 2 with Mine Countermeasure (MCM) Mission Package (MP) Technical Evaluation (TECHEVAL) Data Management and Analysis Plan (DMAP)

In FY15, DOT&E prepared for the Secretary of Defense and Congress: 9 IOT&E reports, 5 Early Fielding Reports, 4 FOT&E reports, 3 LFT&E reports, 1 Operational Assessment (OA) report, 2 OT&E reports, 1 special report, and the Ballistic Missile Defense program's FY14 Annual Report. DOT&E also prepared

and submitted numerous reports to the Defense Acquisition Board (DAB) principals for consideration in DAB deliberations. Additional FY15 DOT&E reports that did not go to Congress included: 9 Cybersecurity reports, 3 FOT&E reports, 3 IOT&E reports, 4 LFT&E reports, 6 OA reports, and 3 OT&E reports.

During FY15, 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, USD(AT&L), the Service Secretaries, and Congress. Active on-site participation in, and observation of, tests and test-related activities are a primary source of information for DOT&E evaluations. In addition to on-site participation and local travel within the National Capital Region, approximately 790 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 (*INCLUDES LIVE FIRE STRATEGY)

Abrams M1A2 System Enhancement Package Version 3 Engineering Change Proposal 1a (SEPV3 ECP 1a) TEMP*

Multifunctional Information Distribution System (MIDS) Joint Tactical Radio System (JTRS) with Concurrent Multinetting/Concurrent Contention Receive (CMN/CCR) Capability on F/A-18 and EA-18G Aircraft Annex K (Revision A) TEMP

Armored Multi-Purpose Vehicle (AMPV) TEMP Update, Change 1

Army Logistics Modernization Program (LMP) Increment 2 for the Milestone C Decision TEMP

Bradley Family of Vehicles (BFoV) ECP Program TEMP*

Combat Rescue Helicopter (CRH) TEMP*

Common Analytical Laboratory System (CALs) TEMP

Common Aviation Command and Control System (CAC2S) TEMP

Common Infrared Countermeasure (CIRCM) Milestone B TEMP

Defense Healthcare Management Systems Modernization TEMP

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

Dry Combat Submersible (DCS) TEMP

Enhanced Polar System (EPS) TEMP, Version 3.0

F/A-18E/F and EA-18G TEMP

F-15 Eagle Passive/Active Warning Survivability System (EPAWSS) Milestone A TEMP

Family of Advanced Beyond Line of Sight – Terminal (FAB-T) TEMP

Infrared Search and Track (IRST) System ACAT III TEMP, Revision A

Integrated Defensive Electronic Countermeasures (IDECM) AN/ALQ-214 (V) Software Improvement Program TEMP

Integrated Personnel and Pay System – Army (IPPS-A) Increment 2 Milestone B TEMP, Version 1.2

Integrated Strategic Planning and Analysis Network (ISPAN), Increment 4 TEMP

Integrated XM25 Counter Defilade Target Engagement (CDTE) Weapon System TEMP

Joint Air-to-Ground Missile (JAGM) TEMP*

Joint Biological Tactical Detection System (JBTDs), ACAT III, TEMP Supporting Milestone B

Long Range Strike Bomber (LRS-B) TEMP

Miniature Air Launched Decoy – Jammer (MALD-J) FOT&E TEMP

Mobile Landing Platform (MLP) TEMP Revision 1.0*

Next Generation Diagnostic System (NGDS) Increment 1 TEMP

Precision Guidance Kit (PGK) TEMP

Presidential Helicopter Replacement Program (VH-92A) Revision A TEMP*

Small Diameter Bomb Increment II (SDB II) TEMP*

Space-Based Infrared System (SBIRS) Enterprise TEMP

Spider M7E1, Dispensing Set, Munition, Network Command, Increment 1A TEMP

Stryker Family of Vehicles (FoV) ECP TEMP*

FY15 DOT&E ACTIVITY AND OVERSIGHT

Theater Medical Information Program – Joint (TMIP-J) Increment 2, Release 3 TEMP

Warfighter Information Network – Tactical (WIN-T) Increment 3 TEMP

OPERATIONAL TEST PLANS APPROVED

Aegis Weapon System (AWS) Baseline 9C Integrated Testing on Integrated Air and Missile Defense (IAMD) Destroyer DMAP

Air Forces Central Command (AFCENT) Information Assurance Assessment Plan

Aegis Weapon System (AWS) Baseline 9A Air Defense Cruiser IOT&E Plan

AGM-154C-1 Joint Stand-off Weapon (JSOW) FOT&E Test Plan

AGM-88E Advanced Anti-Radiation Guided Missile (AARGM) FOT&E Test Plan

Air Defense Cruiser Aegis Baseline 9A Cybersecurity IOT&E Test Plan

Air Force Distributed Common Ground System (AF DCGS) Geospatial Intelligence Baseline (GB) 4.X Upgrade Force Development Evaluation (FDE) Plan

Air Force Distributed Common Ground System (AF DCGS) System Release 3.0 Operational Utility Evaluation (OUE) Plan

Air Force Distributed Common Ground System (AF DCGS) System Release 3.0 Operational Utility Evaluation (OUE) Plan Deviation

Air Operations Center (AOC) Weapons System (WS) Increment 10.1 Recurring Event 13 FDE Plan

Air Operations Center (AOC) Weapon System (WS) Increment 10.2 OA Plan

Air Warfare/Ship Self Defense (AW/SSD) Enterprise (ET05 Phase 2) Ship Self Defense System (SSDS) Mk2 (OT-IIIH Phase 2) and Rolling Airframe Missile (RAM) Block 2 (OT-C2 Phase 2) Combined Operational Test Plan

Air Warfare/Ship Self Defense (AW/SSD) Enterprise (ET06), Ship Self Defense System (SSDS) Mk 2 (OT-IIIH) FOT&E and Rolling Airframe Missile (RAM) Block 2 (OT-C3) IOT&E Combined Operational Test Plan

Amphibious Assault Ship Replacement (LHA (R) FLT 0) IOT&E Test Plan

AN/AAQ-24B(V)25 Department of the Navy Large Aircraft Infrared Countermeasures Advanced Threat Warning System (DoN LAIRCM) FOT&E Test Plan

AN/SQQ-89A(V)15 Surface Ship Undersea Warfare (USW) Combat System Program IOT&E Test Plan, Change 2

AN/TPQ-53 Target Acquisition Radar System Initial Operational Test 2 (IOT 2) Operational Test Agency (OTA) Test Plan

Assembled Chemical Weapons Alternatives (ACWA) Pueblo Chemical Agent-Destruction Pilot Plant (PCAPP) Test Concept Plan Revision 4 Test and Evaluation Plan

Automated Biometric Identification System (ABIS) 1.2 IOT&E, Phase 2 Test Plan

Ballistic Missile Defense System (BMDS) Flight Test, Operational-02 (FTO-02) Test Plan

Ballistic Missile Defense System (BMDS) Integrated Master Test Plan (IMTP) v15.1

Battle Control System – Fixed (BCS-F) Increment 3 Release 3.2.3 FDE Plan

CNO Project Number 1610, CVN-78 Gerald R. Ford Class Nuclear Aircraft Carrier OT-B4 OA Test Plan

Coastal Battlefield Reconnaissance and Analysis (COBRA) OA Test Plan

Common Aviation Command and Control System (CAC2S) Data Fusion Developmental Test Observation Plan

Common Aviation Command and Control System (CAC2S) use of DT-C2 Developmental Test and Evaluation Data for IOT&E

Consolidated Afloat Networks and Enterprise Services (CANES) FOT&E Test Plan and Cybersecurity Plan

Cooperative Engagement Capability (CEC) Cybersecurity FOT&E Test Plan

Cooperative Engagement Capability (CEC) FOT&E OT-D1A Test Plan

CVN-75 (USS *Truman*) Command and Control Exercise (C2X) Assessment Plan

Defense Agencies Initiative (DAI) Increment 2, Release 1 OA Plan

Defense Enterprise Accounting and Management System (DEAMS) IOT&E Plan Deviation

Defense Medical Information Exchange (DMIX) Release 2 OA Plan

Defense Readiness Reporting System – Strategic (DRRS-S) Version 4.6 IOT&E Plan

Department of Defense Teleport Generation 3, Phase 3 (G3P3) OA Plan

Distributed Common Ground System – Army (DCGS-A) Increment 1, Release 2 FOT&E Plan

Distributed Common Ground System – Navy (DCGS-N) Increment 1, Block 2 FOT&E Test Plan with the Cybersecurity Annex

EA-18G FOT&E Test Plan

F/A-18e/F System Configuration Set H10 FOT&E Test Plan

F-22 Update 5 Operational Flight Program FDE Plan Approval

F-22A Increment 3.2A FOT&E Plan

Global Command and Control System – Joint (GCCS-J) Version 5 OT&E Plan

Guided Multiple Launch Rocket System – Alternative Warhead (GMLRS-AW) Implementing the Tactics, Techniques, and Procedures (TTP) Demonstration Test Plan

Integrated Defensive Electronic Counter Measures (IDECM) Suite Block IV FOT&E Test Plan Deviation

Joint Warning and Reporting Network (JWARN) Increment 1 FOT&E 3 Plan

KC-46A OA-2 Plan

KC-46A OA-2 Plan Deviation

Key Management Infrastructure (KMI) Capability Increment 2 Spiral 2 Spin 1 Limited User Test (LUT) Plan

Light Armored Vehicle Anti-Tank Modernization (LAV-ATM) OA Test Plan

Littoral Combat Ship (LCS) 2 Surface Warfare (SUW) (DT-A6) Integrated Testing DMAP

Littoral Combat Ship (LCS) 2 with Mine Countermeasure (MCM) Mission Package Cybersecurity OT&E Test Plan

Littoral Combat Ship (LCS) 4 with Surface Warfare (SUW) Mission Package Increment 2 IOT&E Plan

FY15 DOT&E ACTIVITY AND OVERSIGHT

Littoral Combat Ship (LCS) 4 with Surface Warfare (SUW) Mission Package Increment 2 DT/IT-B4 Phase 2 and DT/IT-C4 DMAP

Logistics Modernization Program (LMP) IOT&E Plan

M109 Family of Vehicles (FoV) Self Propelled Howitzer (SPH) 5A Ballistic Test OTA Test Plan

Marine Corps H-1 Upgrades Program AH-1Z/UH-1Y FOT&E Test Plan

Marine MV-22B OT-IIIK FOT&E Test Plan

MaxxPro Long Wheel Base (LWB) LUT in support of the Mine Resistant Ambush Protected (MRAP) OTA Test Plan

Mid-Tier Networking Vehicular Radio (MNVN) LUT OTA Test Plan

Miniature Air Launched Decoy – Jammer (MALD-J) Test Plan

MQ-1C Gray Eagle Unmanned Aircraft System (UAS) Follow-on Operational Test (FOT) and the One System Remote Video Terminal (OSRVT) Increment II Initial Operational Test (IOT) OTA Test Plan

MQ-4C Triton Unmanned Aircraft System (UAS) OA Test Plan, (1731-OT-B1)

Nett Warrior (NW) IOT&E (Phase 2) OTA Test Plan

Next Generation Jammer (NGJ) Early OA Test Plan

P-8A Increment 2, ECP-1 Multi-static Active Coherent (MAC) OT&E Test Plan

P-8A Poseidon Multi-Mission Maritime Aircraft (MMA) Verification of Correction of Deficiencies (VCD) Test Plan

Pueblo Chemical Agent Destruction Pilot Plant (PCAPP) Explosive Destruction System (EDS) Test and Evaluation Plan

Remote Minehunting System (RMS) Integrated Testing DMAP

RQ-4 Global Hawk Block 40 IOT&E Test Plan

Surface Electronic Warfare Improvement Program (SEWIP) Block 2 IOT&E Cybersecurity Test Plan

Surveillance Towed Array Sonar System (SURTASS)/Compact Low Frequency Active (CLFA) IOT&E Test Plan Addendum

Theater Medical Information Program – Joint (TMIP-J) Increment 2 Release 3 Multi-Service OT&E Plan

Torpedo Warning System (TWS) and Countermeasure Anti-Torpedo Torpedo (CAT) Quick Reaction Assessment (QRA) DMAP

TRIDENT II (D5) Strategic Weapons Systems Test and Evaluation Plan and Strategy

U.S. Africa Command Judicious Response 2015 Assessment Plan

U.S. Army Warfighter 2015-4 Assessment Plan and Addendum

U.S. European Command Austere Challenge 2015 Final Assessment Plan

U.S. Northern Command Vigilant Shield 2015 Cybersecurity and Interoperability Final Assessment Plan

U.S. Pacific Command Pacific Sentry 2015-3 Assessment Plan

U.S. Southern Command Integrated Advance 2015 Assessment Plan

U.S. Special Operations Command Tempest Wind 2015 Assessment Plan

U.S. Transportation Command Turbo Challenge 2015 Final Assessment Plan

Warfighter Information Network – Tactical (WIN-T) Increment 2 FOT&E 2 OTA Test Plan

XM1156 Precision Guidance Kit (PGK) OTA Test Plan

LIVE FIRE TEST AND EVALUATION STRATEGIES/MANAGEMENT PLANS APPROVED

Combat Rescue Helicopter (CRH) LFT&E Strategy

Heavy Equipment Transporter (HET) Urban Survivability Kit (HUSK) LFT&E Strategy

Javelin Spiral 2 Missile LFT&E Strategy

VH-92A Presidential Helicopter Replacement Program LFT&E Strategy

FY15 DOT&E ACTIVITY AND OVERSIGHT

FY15 REPORTS TO CONGRESS	
PROGRAM	DATE
Initial Operational Test and Evaluation Reports	
Aegis Ballistic Missile Defense (BMD) 4.0 and Standard Missile-3 Block IB	December 2014
Miniature Air-Launched Decoy with Jammer (MALD-J)	March 2015
Guided Multiple Launch Rocket System – Alternative Warhead (GMLRS-AW)	March 2015
Nett Warrior	May 2015
DOD Automated Biometric Identification System (ABIS) Version 1.2	May 2015
RQ-21A Blackjack Small Tactical Unmanned Aircraft System (STUAS)	June 2015
Mobile Landing Platform with Core Capability Set (MLP w/CCS)	July 2015
Air Intercept Missile – 9X (AIM-9X) Block II	July 2015
Defense Enterprise Accounting and Management System (DEAMS) Increment 1 Release 3	August 2015
Early Fielding Reports	
Air Intercept Missile – 9X (AIM-9X) Block II	December 2014
Defense Enterprise Accounting and Management System (DEAMS) Increment 1 Release 3	March 2015
Massive Ordnance Penetrator (MOP) Enhanced Threat Reduction Phase 2	April 2015
Aegis Baseline 9A Cruiser	July 2015
Virginia Class SSN Block III	September 2015
Follow-on Operational Test and Evaluation Reports	
Handheld, Manpack, Small Form Fit (HMS) AN/PRC-155 Manpack Radio and Joint Enterprise Network Manager (JENM)	December 2015
Lot 4 AH-64E Apache Attack Helicopter	December 2015
Warfighter Information Network – Tactical (WIN-T) Increment 2	May 2015
Joint High Speed Vessel (JHSV)	September 2015
Live Fire Test and Evaluation Reports	
Stryker Reactive Armor Tiles (SRAT) II	November 2014
Cartridge 7.62 Ball M80A1	February 2015
HELLFIRE Romeo Final Lethality Report	August 2015
Operational Test and Evaluation Reports	
Joint Battle Command – Platform (JBC-P)	January 2015
Advanced Extremely High Frequency (AEHF)	May 2015
Operational Assessment Reports	
F/A-18E/F Infrared Search and Track (IRST) Block I	December 2014
Special Reports	
Report on the Littoral Combat Ship (LCS) required by Section 123 of H.R. 3979, National Defense Authorization Act (NDAA)	April 2015
Ballistic Missile Defense Reports	
FY14 Assessment of the Ballistic Missile Defense System (includes Classified Appendices A, B, C, and D)	March 2015

FY15 DOT&E ACTIVITY AND OVERSIGHT

OTHER FY15 REPORTS (NOT SENT TO CONGRESS)	
PROGRAM	DATE
Cybersecurity Reports	
U.S. Army Warfighter Exercise 2014-4	December 2014
U.S. Central Command Special Operations Command Central Headquarters (HQ) and Forward HQ	February 2015
Integrated Electronic Health Record (iEHR) Increment 1	April 2015
U.S. Air Forces Central Command 2015	May 2015
U.S. Special Operations Command-Pacific Tempest Wind 2014	May 2015
North American Aerospace Defense Command and U.S. Northern Command Vigilant Shield 2015	July 2015
U.S. Pacific Fleet Valiant Shield 2014	July 2015
U.S. Africa Command Judicious Response 2015	August 2015
U.S. Southern Command Integrated Advance 2015	September 2015
Follow-on Operational Test and Evaluation Reports	
RQ-7BV2 Shadow Tactical Unmanned Aircraft System	December 2014
Global Combat Support System – Marine Corps (GCSS-MC) Increment 1	February 2015
Integrated Personnel and Pay System – Army (IPPS-A) Increment 1	March 2015
Initial Operational Test and Evaluation Reports	
Global Command and Control System – Maritime (GCCS-M) Increment 2 Version 4.1 Group Level	January 2015
QF-16 Full-Scale Aerial Target (FSAT)	January 2015
Consolidated Afloat Network and Enterprise Services (CANES) Program, Unit Level Ship	July 2015
Live Fire Test and Evaluation Reports	
HELLFIRE Romeo Missile Variant (AGM-114R-9E)	November 2014
MaxxPro DASH with Independent Suspension System (ISS) and MaxxPro Survivability Upgrade (MSU)	April 2015
Littoral Combat Ship (LCS) 3 Total Ship Survivability Trial (TSST)	August 2015
Joint Light Tactical Vehicle (JLTV)	August 2015
Operational Assessment Reports	
Key Management Infrastructure (KMI) Spiral 2, Spin 1	November 2014
Common Aviation Command and Control System (CAC2S) Phase 2	February 2015
GBU-53/B Small Diameter Bomb, Increment 2 (SDB II)	May 2015
Family of Advanced Beyond-Line-of-Sight Terminals (FAB-T)	July 2015
Defense Medical Information Exchange (DMIX) Release 2	August 2015
Joint Light Tactical Vehicle (JLTV)	August 2015
Operational Test and Evaluation Reports	
DOD Teleport Generation 3, Phases 1 and 2	November 2014
Global Command and Control System – Joint (GCCS-J) Global Release 4.3 Update 1	December 2014
Integrated Electronic Health Record (iEHR) Increment 1	February 2015

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