FY15 DOT&E ACTIVITY AND OVERSIGHT

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, USD(AT&L), 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 (USC) (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 312 acquisition programs during FY15.

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 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 LFT&E. 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 122 LFT&E acquisition programs during FY15.

Programs Under DOT&E Oversight
Fiscal Year 2015
(As taken from the September 2015 DOT&E Oversight List)

DOD PROGRAMS

AC-130J
BMDS – Ballistic Missile Defense System Program
CHEM DEMIL-ACWA – Chemical Demilitarization Program – Assembled Chemical Weapons Alternatives
CHEM DEMIL-CMA – Chemical Demilitarization (Chem Demil) – Chemical Materials Agency (Army Executing Agent)
Common Analytical Laboratory System
Defense Agency Initiative (DAI)

Defense Enterprise Accounting and Management System – Increment 1 (DEAMS-Inc. 1)
Defense Medical Information Exchange (DMIX)
Defense Readiness Reporting System – Strategic
Defense Security Assistance Management System (DSAMS) – Block 3
DoD Healthcare Management System Modernization (DHMSM)
EDS – Explosive Destruction System
Enterprise Business Accountability System – Defense
DOD PROGRAMS (continued)

EProcurement
Global Combat Support System – Joint (GCSS-J)
Global Command & Control System – Joint (GCCS-J)
Joint Biological Tactical Detection System
Joint Chemical Agent Detector (JCAD)
Joint Command and Control Capabilities (JC2C) [Encompasses GCCS-FoS (GCSS-J, GCCS-A, GCCS-M, TBMCS-FL, DCAPE, GCCS-AF, USMC JTCW, USMCTCO]
Joint Information Environment
Joint Light Tactical Vehicle (JLTV)
Joint Warning and Reporting Network (JWARN)
Key Management Infrastructure (KMI) Increment 2
Mid-Tier Networking Vehicle Radio

milCloud
Modernized Intelligence Database (MIDB)
Modernized Intelligence Database (MIDB)
Multi-Functional Information Distribution System (includes integration into USAF & USN aircraft)
Next Generation Chemical Detector
Next Generation Diagnostic System Increment 1 (NGDS Inc 1)
Public Key Infrastructure (PKI) Increment 2
SOCOM Dry Combat Submersible Medium (DCSM)
Teleport, Generation III
Theater Medical Information Program – Joint (TMIP-J) Block 2

ARMY PROGRAMS

3rd Generation Improved Forward Looking Infrared (3rd Gen FLIR)
ABRAMS TANK MODERNIZATION – Abrams Tank Modernization (M1E3)
Abrams Tank Upgrade (M1A1 SA/M1A2 SEP)
Advanced Field Artillery Tactical Data System
Advanced Field Artillery Tactical Data System (AFATDS) Version 7
Advanced Multi-Purpose (AMP) 120 mm Tank Round
AH-64E Apache
Airborne and Maritime/Fixed Site Joint Tactical Radio System (AMF JTRS)
Small Airborne Link 16 Terminal (SALT)
Airborne and Maritime/Fixed Site Joint Tactical Radio System (AMF JTRS)
Small Airborne Networking Radio (SANR)
AMF Airborne & Maritime/Fixed Station
AN/PRC-117G Radio
AN/TPQ-53 Radar System (Q-53)
Armed Aerial Scout (previously named ARH Armed Recon Helicopter)
Armored Multipurpose Vehicle (AMPV)
Armored Truck – Heavy Dump Truck (HDT)
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 Vertical Unmanned Aircraft System
Assured Precision, Navigation & Timing (Assured PNT)
Biometrics Enabling Capability (BEC) Increment 1
Biometrics Enabling Capability Increment 0
Black HAWK (UH-60M) – Utility Helicopter Program
Bradley Engineering Change Proposal (ECP) and Modernization
C-17 Increase Gross Weight (IGW) and reduced Formation Spacing Requirements (FSR) with T-11 parachute

CH-47F – Cargo Helicopter
Common Infrared Countermeasures (CIRCM)
Common Operating Environment
Common Remotely Operated Weapons System III
Department of Defense Automated Biometric Information System
Distributed Common Ground System – Army (DCGS-A)
EXCALIBUR – Family of Precision, 155 mm Projectiles
FBCB2 – Force XXI Battle Command Brigade and Below Program
FBCB2 – Joint Capability Release (FBCB2 - JCR)
Fixed-Wing Utility Aircraft
FMTV – Family of Medium Tactical Vehicles
Gator Landmine Replacement Program (GLRP)
General Fund Enterprise Business System (GFEBI)
Global Combat Support System – Army (GCSS-A)
Guided Multiple Launch Rocket System – Unitary (GMLRS Unitary)
Guided Multiple Launch Rocket System – Alternate Warhead (GMLRS AW)
HELLFIRE Romeo
High Mobility Multipurpose Wheeled Vehicle (HMMWV)
HIMARS – High Mobility Artillery Rocket System
Identification Friend or Foe Mark XIA Mode 5 (all development and integration programs)
Improved Turbine Engine Program
Indirect Fire Protection Capability Increment 2 – Intercept
Integrated Air and Missile Defense (IAMD)
Integrated Personnel and Pay System – Army (IPPS-A) Increment 2
Integrated Personnel and Pay System – Army (IPPS-A) Increment 2
Interceptor Body Armor
Javelin Antitank Missile System – Medium
Joint Air-to-Ground Missile
ARMY PROGRAMS (continued)

- Joint Assault Bridge
- Joint Battle Command Platform (JBC-P)
- Joint Future Theater Lift Concept (JFTLC)
- Joint Land Attack Cruise Missile Defense Elevated Netted Sensor System
- Joint Tactical Networks (JTN)
- Logistics Modernization Program (LMP)
- Long Range Precision Fires (LRPF)
- M270A1 Multiple Launch Rocket System (MLRS)
- M829E4
- Modernized Expanded Capacity Vehicle (MECV) – Survivability Project
- Modular Handgun System (MHS)
- MQ-1C Unmanned Aircraft System Gray Eagle
- Near Real Time Identity Operations
- Nett Warrior
- One System Remote Video Terminal
- Paladin/FASSV Integrated Management (PIM)
- PATRIOT PAC-3 – Patriot Advanced Capability 3 (Missile only)
- PATRIOT/MEADS – Patriot/Medium Extended Air Defense System
- RQ-11B Raven – Small Unmanned Aircraft System
- RQ-7B SHADOW – Tactical Unmanned Aircraft System
- Soldier Protection System
- Spider XM7 Network Command Munition
- Stryker M129 Mortar Carrier including the Double V-Hull variant
- Stryker M130 Commander’s Vehicle including the Double V-Hull Variant
- Stryker M131 Fire Support Vehicle Including the Double V-Hull Variant
- Stryker M132 Engineer Squad Vehicle Including the Double V-Hull Variant
- Stryker M133 Medical Evacuation Vehicle Including the Double V-Hull Variant
- Stryker M134 ATGM Vehicle Including the Double V-Hull Variant
- Stryker M135 NBC Reconnaissance Vehicle (NBCRV)
- Tactical Mission Command
- Tactical Radio System Manpack
- Tactical Radio System Rifleman Radio
- UH-60V Black HAWK
- UH-72A Lakota Light Utility Helicopter
- WIN-T INCREMENT 1 – Warfighter Information Network – Tactical Increment 1
- WIN-T INCREMENT 2 – Warfighter Information Network – Tactical Increment 2
- WIN-T INCREMENT 3 – Warfighter Information Network – Tactical Increment 3
- WIN-T INCREMENT 4 – Warfighter Information Network – Tactical Increment 4
- XM1156 Precision Guidance Kit (PGK)
- XM1158 7.72 mm Cartridge
- XM25, Counter Defilade Target Engagement (CDTE) System
- XM395 Accelerated Precision Mortar Initiative (APMI)

NAVY PROGRAMS

- Acoustic Rapid COTS Insertion for SONAR
- Advanced Airborne Sensor
- Advanced Extremely High Frequency Navy Multiband Terminal Satellite Program (NMT)
- AEGIS Modernization (Baseline Upgrades)
- AGM-88E Advanced Anti-Radiation Guided Missile
- AH-1Z
- AIM-9X – Air-to-Air Missile Upgrade Block II
- Air and Missile Defense Radar (AMDR)
- Air Warfare Ship Self Defense Enterprise
- Airborne Laser Mine Detection System (AN/AES-1) (ALMDS)
- Airborne Mine Neutralization System (AN/ASW-235) (AMNS)
- Airborne Resupply/Logistics for Seabasing
- Amphibious Assault Vehicle Upgrade
- Amphibious Combat Vehicle (ACV)
- AN/AQS-20 Minehunting Sonar (all variants)
- AN/BLQ-10 Submarine Electronics Support Measures
- AN/SQQ-89A(V) Integrated USW Combat Systems Suite
- Assault Breaching System Coastal Battlefield Reconnaissance and Analysis System Block I
- Assault Breaching System Coastal Battlefield Reconnaissance and Analysis System Block II
- CANES – Consolidated Afloat Networks and Enterprise Services
- CH-53K – Heavy Lift Replacement Program
- Close-In Weapon System (CIWS) including SEARAM
- COBRA JUDY REPLACEMENT – Ship-based radar system
- Common Aviation Command and Control System (CAC25)
- Cooperative Engagement Capability (CEC)
- Countermeasure Anti-Torpedo
- CVN-78 – GERALD R. FORD CLASS Nuclear Aircraft Carrier

AN/APR-39 Radar Warning Receiver
NAVY PROGRAMS (continued)

DDG 1000 – ZUMWALT CLASS Destroyer – includes all supporting PARMs and the lethality of the LRLAP and 30 mm ammunition
DDG 51 – ARLEIGH BURKE CLASS Guided Missile Destroyer – includes all supporting PARMs
DDG 51 Flight III – ARLEIGH BURKE CLASS Guided Missile Destroyer—includes all supporting PARMs
Department of Navy Large Aircraft Infrared Countermeasures Program
Distributed Common Ground System – Navy (DCGS-N)
Distributed Common Ground System – Marine Corps (DCGS-MC)
E-2D Advanced Hawkeye
EA-18G – Airborne Electronic Attack
Electro-Magnetic Aircraft Launching System
Enhanced Combat Helmet
Enterprise Air Surveillance Radar (EASR) (replacement for SPS-48 and SPS-49 air surveillance radars)
Evolved Sea Sparrow Missile (ESSM)
Evolved Sea Sparrow Missile Block 2
F/A-18E/F – SUPER HORNET Naval Strike Fighter
Future Pay and Personnel Management Solution (FPPS)
Global Combat Support System – Marine Corps (GCSS-MC)
Ground/Air Task Oriented Radar (G/ATOR)
Identification Friend or Foe Mark XIIIA Mode S (all development and integration programs)
Infrared Search and Track System
Integrated Defensive Electronic Countermeasures
Joint and Allied Threat Awareness System
Joint High Speed Vessel (JHSV)
JOINT MRAP – Joint Mine Resistant Ambush Protected Vehicles
FOV – including SOCOM vehicles
Joint Precision Approach and Landing System
Joint Stand-Off Weapon C-1 variant (JSOW C-1)
KC-130J
Landing Ship Dock Replacement (LX(R))
Large Displacement Unmanned Undersea Vehicle
LCS Surface Warfare Mission Package Increment 3 – Interim Surface to Surface Missile including Longbow Hellfire Missile (or other candidate missiles and their warheads)
LHA 6 – AMERICA CLASS – Amphibious Assault Ship – includes all supporting PARMs
LHA 8 Amphibious Assault Ship (America Class with well deck)
Light Armored Vehicle
Light Weight Tow Torpedo Countermeasure (part of LCS ASW Mission Module)
Littoral Combat Ship (LCS) – includes all supporting PARMs, and 57 mm lethality
Littoral Combat Ship Mission Modules including 30 mm
Littoral Combat Ship Surface-to-Surface Missile (follow on to the interim SSM)
Littoral Combat Ship Variable Depth Sonar (LCS VDS)
Logistics Vehicle System Replacement
LPD 17 – SAN ANTONIO CLASS – Amphibious Transport Dock Ship – includes all supporting PARMs and 30 mm lethality
LSD 41/49 Replacement
Mobile Landing Platform (MLP) Core Capability Set (CCS) Variant and MLP Afloat Forward Staging Base (AFSB) Variant
Mobile User Objective System (MUOS)
MQ-4C Triton
MQ-8 Fire Scout Unmanned Aircraft System
Multi-static Active Coherent (MAC) System CNO project 1758
Naval Integrated Fire Control – Counter Air (NIFC-CA) From the Air
Naval Integrated Fire Control – Counter Air (NIFC-CA) From the Sea
Navy Enterprise Resource Planning (ERP)
Next Generation Jammer
Offensive Anti-Surface Warfare Increment 1
Offensive Anti-Surface Warfare, Increment 2
OHIO Replacement Program (Sea-based Strategic Deterrence) – including all supporting PARMs
OSPREY MV-22 – Joint Advanced Vertical Lift Aircraft
P-8A Poseidon Program
Remote Minehunting System (RMS)
Replacement Oiler
Rolling Airframe Missile (RAM) including RAM Block 1A Helicopter Aircraft Surface (HAS) and RAM Block 2 Programs
RQ-21A Unmanned Aircraft System (UAS)
Ship Self Defense System (SSDS)
Ship to Shore Connector
Small Surface Combatant (also called the Frigate modification to the Littoral Combat Ship variants) including the Anti-Submarine and Surface Warfare component systems
SSN 774 VIRGINIA Class Submarine
SSN 784 VIRGINIA Class Block III Submarine
Standard Missile 2 (SM-2) including all mods
Standard Missile-6 (SM-6)
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 MINE COUNTERMEASURES
Unmanned Undersea Vehicle (also called Knifeﬁsh UUV) (SMCM UUV)

SURVEILLANCE Towed ARRAY Sonar System/Low Frequency Active (SURTASS/LFA) including Compact LFA (CLFA)

TACTICAL Tomahawk upgrade (includes changes to planning and weapon control system)

Torpedo Warning System (Previously included with Surface Ship Torpedo Defense System) including all sensors and decision tools

TRIDENT II MISSILE – Sea Launched Ballistic Missile

UH-1Y

Unmanned Carrier Launched Airborne Surveillance and Strike System

Unmanned Inﬂuence Sweep System (UISS) include Unmanned Surface Vessel (USV) and Unmanned Surface Sweep System (US3)

USMC MRAP-Cougar

VH-92 – Presidential Helicopter Fleet Replacement Program

AIR FORCE PROGRAMS

20 mm PGU-28/B Replacement Combat Round

Advanced Pilot Trainer

AEHF – Advanced Extremely High Frequency (AEHF) Satellite Program

AFNet Modernization capabilities (Bitlocker, Data at Rest (DaR), Situational Awareness Modernization (SAMP))

AFNET Vulnerability Management (AFVM) – Assured Compliance Assessment Solution (ACAS)

AIM-120 Advanced Medium-Range Air-to-Air Missile

Air Force Distributed Common Ground System (AF-DCGS)

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

Air Force Organic Depot Maintenance, Repair and Overhaul Initiative (MROI)

Air Operations Center – Weapon System (AOC-WS) initiatives including 10.0 and 10.1

Air Operations Center – Weapon System (AOC-WS) initiative 10.2

Airborne Signals Intelligence Payload (ASIP) Family of Sensors

Airborne Warning and Control System Block 40/45 Computer and Display Upgrade

B-2 Defensive Management System Modernization (DMS)

B-2 Extremely High Frequency SATCOM and Computer Increment 1

B-2 Extremely High Frequency SATCOM and Computer Increment 2

B61 Mod 12 Life Extension Program

Battle Control System – Fixed (BCS-F) 3.2

C-130J – HERCULES Cargo Aircraft Program

Cobra Judy Replacement Mission Planning Tool

Combat Rescue Helicopter (CRH)

Command and Control Air Operations Suite (C2AOS)/Command and Control Information Services (C2IS) (Follow-on to Theater Battle Management Core Systems)

ECSS – Expeditionary Combat Support System

Enclave Control Node (ECN)

EPS – Enhanced Polar System

F-15 Eagle Passive Active Warning Survivability System

F-22 – RAPTOR Advanced Tactical Fighter

F-35 – Lightning II Joint Strike Fighter (JSF) Program

FAB-T – Family of beyond Line-of-Sight Terminals

Full Scale Aerial Target

GBS – Global Broadcast Service

Geosynchronous Space Situational Awareness Program

GPS OCX – Global Positioning Satellite Next Generation Control Segment

GPS-III A – Global Positioning Satellite III

Hard Target Munition

Identification Friend or Foe Mark XIIIA Mode 5 (all development and integration programs)

Integrated Strategic Planning and Analysis Network (ISPAN) Increment 2

Integrated Strategic Planning and Analysis Network (ISPAN) Increment 4

Joint Air-to-Surface Standoff Missile Extended Range

Joint Space Operations Center Mission System (JMS)

JSTARS Recapitalization

KC-46 – Tanker Replacement Program

Long Range Stand Off (LRSO) Weapon

Long Range Strike Bomber

Massive Ordnance Penetrator (MOP)

Military GPS User Equipment (GPS MGUE)

Miniature Air Launched Decoy – Jammer (MALD-J)

MQ-9 REAPER – Unmanned Aircraft System

Multi-Platform Radar Technology Insertion Program

NAVSTAR Global Positioning System (GPS) (Includes Satellites, Control and User Equipment)

OSPREY CV-22 – Joint Advanced Vertical Lift Aircraft

Presidential Aircraft Recapitalization

Presidential National Voice Conferencing

RQ-4B Block 30 – High Altitude Endurance Unmanned Aircraft System

RQ-4B Block 40 Global Hawk – High Altitude Long Endurance Unmanned Aircraft System

SBIRS HIGH – Space-Based Infrared System Program, High Component

SBSS B10 Follow-on – Space-Based Space Surveillance Block 10 Follow-on

SF – Space Fence

SIPRNET Modernization

Small Diameter Bomb, Increment II

Three-Dimensional Expeditionary Long-Range Radar

Weather Satellite Follow-on (WSF)

Wide Area Surveillance (WAS) Program