

DOT&E ACTIVITY AND OVERSIGHT

DOT&E ACTIVITY SUMMARY

DOT&E activity for FY02 involved oversight of 213 programs, including 21 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 FY02 included approval of 34 Test and Evaluation Master Plans (TEMPs), as well as 40 Operational Test Plans. Live Fire Test and Evaluation (LFT&E) activity included the approval of 9 LFT&E Strategies and Test Plans for inclusion in the TEMPs. In FY02 through January 31, 2003, DOT&E prepared 9 reports for the Secretary of Defense and Congress.

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 APPROVED

AN/SPY-1D(V) Radar System	Large Aircraft Infrared Countermeasure System (LAIRCM)
Battlefield Combat Identification System (BCIS)	MH-53E Airborne Mine Neutralization System (AMNS)
Bradley Fighting Vehicle System-A3	MH-60S (Change One)
Business Systems Modernization (BSM)	Multifunctional Information Distribution System (MIDS-LVT(2)) (Rev A) JTEMP
C-5 Modernization Program	Multiple Launch Rocket System (MLRS) M270A1 Launcher Program
CH-47F	Navstar Modernization Global Positioning Satellite
Composite Health Care System II (CHCS II)	Navy Marine Corps Intranet (NMCI) (TESP)
DDG 51 Guided Missile Destroyer (Rev 9)	PATRIOT Advanced Capability 3 (PAC-3)
Defense Medical Logistics Standard Support (DMLSS) Automated Information System (AIS)	Pine Bluff Chemical Agent Disposal Facility, Chemical Demilitarization Program
Defense Message System (DMS) Capstone	Shadow 200 Tactical Unmanned Aerial Vehicle (TUAV)
Defense Message System (DMS) Revised Capstone	Standoff Land Attack Missile-Expanded Response (SLAM-ER)
DoD Teleport	Theater Battle Management Core Systems (TBMCS) Post Core Program
F/A-18 MIDS-LVT Integration Annex A	Tomahawk Weapon System
Family of Medium Tactical Vehicles (FMTV)	Transportation Coordinators' Automated Information for Movement System II (TC-AIMS II)
Joint Air-to-Surface Standoff Missile (JASSM) LRIP (Change 4)	UH-60M Black Hawk Utility Helicopter
Joint Primary Aircraft Training System (JPATS) MOT&E	V-22 Osprey
Joint Strike Fighter (JSF)	
Joint Tactical Radio System-Cluster 1	

DOT&E ACTIVITY AND OVERSIGHT

OPERATIONAL TEST PLANS APPROVED

Advanced Mission Computer and Displays (AMC&D) (OT-IIA-1)	Joint Computer-Aided Acquisition and Logistics Support (JCALs) System SEP/EDP
AGM-154A Joint Standoff Weapon System (JSOW) (OT-IIIA) FOT&E	Joint Direct Attack Munitions (JDAM) QRA
AIM-9X Weapon System Program (OT-IIB)	Joint Mission Planning System (JMPS) OA
Amphibious Personnel Dock Ship Program (LPD 17) (OT-IIB)	Joint Primary Aircraft Training System (JPATS) MOT&E
AN/BQQ-10V Submarine Sonar System (OT-IID2)	Joint Service Lightweight Nuclear Biological Chemical Reconnaissance System (JSLNBCRS) EDP
AN/BSY-1 High Frequency Upgrade Submarine Sonar System (OT-IIB)	Large Aircraft Infrared Countermeasure System (LAIRCM) OA
Auxiliary Cargo and Ammunition Ship (T-AKE) Program (OT-IIA)	Medium Armored Vehicle
B-1B Conventional Mission Update Program (CMUP) Block E IOT&E	MH-60S OPEVAL (OT-IIB)
Composite Health Care System II (CHCS II) Release 1 EDP	Milstar II Satellite Communications System MOT&E
DDG 51 Flight IIA Class Guided Missile Destroyer (OT-IIIF)	Multifunctional Information Distribution System Low Volume Terminal 2 (MIDS-LVT-2) EDP
DDG 51 Flight IIA Destroyer FOT&E (OT-IIIE)	Navy Marine Corps Intranet (NMCI) (OT-IIA)
Defense Medical Logistics Standard Support (DMLSS) Automated Information System (AIS) Release 3.01	Navy Standard Integrated Personnel System (NSIPS) (OT-IIC)
Department of Defense Advanced Automation System (DAAS) / Digital Airport Surveillance Radar (DASR) MOT&E II	Patriot Advanced Capability-3, Configuration-3 IOT&E EDP
Department of Defense (DoD) Teleport System OA	Patriot Advanced Capability-3, Configuration-3 IOT&E EDP - Flight Testing
Extremely High Frequency (EHF) Satellite Communication Program (NESP)	Reserve Component Automation System (RCAS) SEP/EDP
F/A-18E/F Positive Identification System (PIDS)	Test Plan Serial 1200/0224-01
Force XXI Battle Command, Brigade and Below (FBCB2) and Integrated Systems Control (ISYSCON) EDP	Tomahawk Command and Control System
Future Aircraft Carrier Program (CVNX) Change 1 EOA	Transportation Coordinators'-Automated Information for Movement System II (TC-AIMS II) SEP/EDP
Joint Air-to-Surface Standoff Missile (JASSM) IOT&E	Virginia (SSN 774) Class Submarine OT-IIB
Joint Biological Point Detection System	XM142 High Mobility Artillery Rocket System Extended System Integration Test

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LFT&E STRATEGIES AND TEST PLANS APPROVED

C-130 Avionics Modernization Program (AMP)
Alt LFT&E Plan

Joint Air-to-Surface Standoff Missile (JASSM) (OT-1)
LFT&E Plan

Joint Air-to-Surface Standoff Missile (JASSM) DT-6
LFT&E Plan

Joint Air-to-Surface Standoff Missile (JASSM) DT-7
LFT&E Plan

Joint Air-to-Surface Standoff Missile (JASSM) OT-3
LFT&E Plan

Line-of-Sight Antitank Weapon LFT - Request to Delete
the Explosively Formed Penetrator Shot

M829E3 Phase III Live Fire Lethality Test DTP
SSGN

Stryker Family of Vehicles LFT&E EDP

REPORTS TO CONGRESS FOR FY02 THROUGH JANUARY 31, 2003

Predator Medium Altitude Endurance UAV
OT&E Report October 01

Joint Primary Aircraft Training System: T-6A Aircraft
OT&E Report November 01

Cooperative Engagement Capability (CEC)
OT&E Report February 02

Sensor Fuzed Weapon (SFW P3I)
LFT&E Report March 02

Advanced Medium Range Air-to-Air (AMRAAM)
LFT&E Report March 02

MLRS M270A1 Launcher
OT&E Report April 02

MH-60S Fleet Combat Support Helicopter
Combined OT&E / LFT&E Report August 02

Patriot Advanced Capability-3 (PAC-3) Block 2002 System
Combined OT&E / LFT&E Report October 02

Shadow 200 Tactical UAV
OT&E Report December 02

During FY02, 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 675 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.

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DOT&E 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 213 acquisition programs during FY02.

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 the 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 86 LFT&E acquisition programs during FY02.

DOT&E ACTIVITY AND OVERSIGHT

PROGRAMS UNDER DOT&E OVERSIGHT FISCAL YEAR 2002 (As taken from the April 2002 Official T&E Oversight List)

ARMY PROGRAMS

Advanced Field Artillery Tactical Data System (AFATDS)	Joint Tactical Radio System (JTRS)
Aerial Common Sensor (ACS)	Kiowa Warrior (OH-58D)
Air and Missile Defense Planning And Control System (AMDPCS)	Land Warrior
All Source Analysis System (ASAS)	Line-of-Sight Anti-Tank Missile (LOSAT)
AN/TPQ-47 Counterfire Radar	Longbow Apache (AH-64D)
Army Tactical Missile System Block II / Brilliant Anti-Armor (ATACMS/BAT) And ATACMS Block II / P3I BAT	Longbow Hellfire Missile (Upgrades/Modifications)
Battlefield Command Information System (BCIS)	M1A2 Abrams Upgrade
CH-47F Improved Cargo Helicopter Upgrade	M2/M3 Bradley Upgrade
Chemical Demilitarization	M270A1 Multiple Launch Rocket System (MLRS) Upgrade
Comanche (RAH-66) (Includes 20mm Ammunition)	M829E3 (120mm Round)
Combat Service Support Control System (CSSCS)	Maneuver Control System (MCS)
Common Missile	Multiple Launch Rocket System Guided Rocket (GMLRS)
Crusader	Objective Crew Served Weapon System (OCSWS)
Distributed Common Ground System (DCGS) - Army	Objective Individual Combat Weapon System (OICWS)
Excalibur (155mm Round)	Reserve Component Automation System (RCAS)
Family of Medium Tactical Vehicles (FMTV)	Secure Mobile Anti-Jam Reliable Tactical Terminal (SMART-T)
Force XXI Battle Command Brigade & Below (FBCB2)	Sense and Destroy Armor (SADARM)
Forward Area Air Defense System (FAADS) Command, Control, and Intelligence (C2I) - Includes GBS	Sensor Fuzed Muniton
Future Combat System	Single Channel Anti-Jam Man-Portable (SCAMP) (MILSTAR, Block II)
Future Scout/Calvary System	Stinger Re-Programmable Microprocessor Missile (RMP)
Global Command and Control System - Army (GCCS-A)	Suite of Integrated Infrared Countermeasures / Common Missile Warning System to Include Advanced Threat Countermeasures (SIIRCM/CMWS)
High Mobility Artillery Rocket System (HIMARS)	Suite of Integrated Radio Frequency Countermeasures (SIRFC) (AN/ALQ-211)
Integrated System Control (ISYSCON V4)	Tactical Unmanned Aerial Vehicle (TUAV)
Interim Armored Vehicle (IAV) - Includes NBC Reconnaissance Vehicle	Tow-Fire & Forget Anti-Tank Missile
Javelin Anti-Tank Missile	Transportation Coordinator Automated Information Movement System II (TC-AIMS II)
Joint Computer-Aided Acquisition and Logistical Support (JCALS)	UH-60M Black Hawk - All Upgrades
Joint Land Attack Cruise Missile Defense Elevated Netted Sensor (JLENS)	Warfighter Information Network-Terrestrial (WIN-T)
Joint Simulation System (JSIMS)	Wide Area Munition (WAM) - Advanced Hornet

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NAVY PROGRAMS

Acoustic Rapid Cots Insertion for Sonar	Extended Range Guided Munition (ERGM)
Advanced Amphibious Assault Vehicle (AAAV)-Includes 30mm Ammunition	F/A-18 E/FAESA
Advanced Integrated Electronic Warfare System (AIEWS)	F/A-18 E/F Super Hornet (All Upgrades)
Advanced Land Attack Missile (ALAM)	Fixed Distributed System / Advanced Deployable System (FDS/ADS)
Advanced Seal Delivery System (ASDA)	Global Command and Control System (GCCS) (Maritime)
Aim-9x Sidewinder (Short Range Air-to-Air Missile Upgrade)	Integrated Defensive Electronic Countermeasure (IDECM)
Air Early Warning (AEW)	Integrated Surface Ship ASW Combat System (AN/SQQ-89)
Airborne Mine Neutralization System / Rapid Airborne Mine Clearance System (AMNS/RAMICS)	Joint Command and Control Capability (JCC(X)) Ship Class
Amphibious Helicopter - Assault (Replacement) (LHA(R)) Ship Class	Joint Mission Planning System (JMPS)
Amphibious Helicopter - Dock (LHD) Ship Class	Joint Standoff Weapon (JSOW) Baseline (AGM-154 JSOW A)
Amphibious Personnel - Dock (LPD-17) Ship Class- Includes 30mm Ammunition	Joint Standoff Weapon (JSOW) Blu-108 (AGM-154 JSOW B)
AN/AAR-47 V2 Upgrade Missile / Laser Warning Receiver	Joint Standoff Weapon (JSOW) Unitary (AGM-154 JSOW C)
AN/ALR-67 Advanced Special Receiver (ASR) V2 & V3	Joint Strike Fighter (JSF) - Includes 27mm Ammunition
AN/APR-39A V2 Radar Warning Receiver	KC-130J Aircraft
AN/SPY-1 B/D (All Versions)	Maritime Prepositioning Force (Future)
Auxillary Cargo / Ammunition Ship Class (T-AKE)	MH-60R Helicopter
Cooperative Engagement Capability (CEC)	MH-60S Helicopter
Cruiser Conversion	MK-48 MODS ADCAP
CVN-68 Class	Mobile User Objective System (MUOS)
CVN-77 Warfare System	Multifunction Information Distribution System - Low Volume Terminal (MIDS-LVT) (All Variants)
CVNX Class	Multi-Mission Maritime Aircraft (MMA)
DD(X) Land Attack Destroyer	Navy EHF Satcom Program (NESP)
DDG-51 Destroyer (All Variants)	Navy Standard Integrated Personnel System (NSIPS)
Defense Integrated Military Human Resources System (DIMHRS)	Navy-Marine Corps Intranet (NMCI)
E-2C Hawkeye	Quick Reaction Combat Capability / Ship Self Defense System (QRCC/SSDS)
EA-6B Improved Capabilities (ICAP) III & Multiple Upgrades (Low Band Transmitter, Band 7-8 Transmitter, USQ-113 Communications Jammer)	Rolling Airframe Missile (RAM)
Evolved Sea Sparrow Missile (ESSM)	SSGN-26 Ohio Class Conversion
	SSN-21 Seawolf / AN/BSY-2

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NAVY PROGRAMS (continued)

SSN-23 Jimmy Carter	Tactical Tomahawk Missile
SSN-774 Virginia Class	Tactical Tomahawk Mission Planning System / Tomahawk Command & Control System (MPS/TCCS)
Standard Missile-2 (SM-2) (Block IV)	
Standard Missile-2 (SM-2) (Blocks III/III A&B)	Trident II Missile
Standoff Land Attack Missile - Expanded Response (SLAM-ER)	Ultra High Frequency (UHF) Follow-On Satellite
Strategic Sealift Program (SSP) Ship Class	Unmanned Combat Aerial Vehicle - Navy
Sub Comms (SUBSECS)	USMC H1 Upgrade
Surveillance Towed Array Sensor System (SURTASS) / Low Frequency Active (LFA)	V-22 Osprey
T-45Ts	Vertical Take-Off Unmanned Aerial Vehicle (VTUAV) Mission
Tactical Aircraft Mission Planning System (TAMPS)	
Tactical Control System (TCS)	

AIR FORCE PROGRAMS

Advanced EHF (AEHF)	Defense Meteorological Satellite System (DMSS)
Advanced Medium Range Air-to-Air Missile (AIM-120) (AMRAAM)	Distributed Common Ground System - Air Force (DCGS-AF)
Advanced Wide Band System	E-3A Airborne Warning and Control System (AWACS)
ALR-56M Radar Warning Receiver	Evolved Expendable Launch Vehicle (EELV)
ALR-69 Radar Warning Receiver	F-15 Tactical Electronic Warfare Suite (TEWS) (AN/ALQ-135 Band 1.5 Fiber-Optic Towed Decoy)
B-1B CMUP/Computer Upgrade Block E	F-22 Raptor
B-1B CMUP/DSUP(Defensive Systems Upgrade Program)	Global Broadcast System (GBS)
B-1B Conventional Munitions Upgrade (CMUP) All Upgrades	Global Combat Support System - Air Force (GCSS-Af)
B-2A Spirit	Global Command and Control System - Air Force (GCCS-AF) - Theater Battle Management Core System (TBMCS) - Air Operations Center - Weapons System (AOCWS)
C-130 Avionics Modernization Program (AMP)	Global Hawk Unmanned Aerial Vehicle (UAV)
C-130J All Variants	Global Transportation Network-21 (GTN-21)
C-17A/C-17A Upgrades	Integrated Log System-Supply (ILS-S)
C-5 Avionics Modernization Program (AMP)	Integrated Maintenance Data System (IMDS)
C-5 Reliability And Re-Engineering Program (RERP)	Joint Air-Surface Standoff Missile (JASSM)
Combat Search & Rescue Replacement (CSAR)	Joint Direct Attack Munition (JDAM) 500 Lbs
Combat Survivor Evader Locator (CSEL)	Joint Direct Attack Munitions (JDAM) 1000 & 2000 lbs
Defense Civilian Personnel Data System (DCPDS)	

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AIR FORCE PROGRAMS (continued)

Joint Helmet Mounted Queuing System (JHMCS)	Multiple Platform - Common Data Link (MP-CDL)
Joint Precision Approach and Landing System (JPALS)	National Airspace System (NAS)
Joint Primary Training System (JPATS)	National Polar-Orbiting Operational Environment Satellite (NPOESS)
Joint Surveillance Target Attack Radar System (JSTARS) (E-8C)	Navstar Global Positioning System (GPS)
KC-135 Global Air Traffic Management (GATM) Upgrade	Predator Unmanned Aerial Vehicle (UAV)
Large Aircraft Infrared Countermeasures (LAIRCM)	Sensor Fuzed Weapon (SFW) P3I (CBU-97/B)
Milstar (Satellite Low/Med Data Rate Communications)	Small Diameter Bomb (SDB)
Minuteman III Guidance Replacement Program (GRP) Phase I	Space-Based Infrared System-High (SBIRS-H) Titan IV
Minuteman III Propulsion Replacement Program (PRP)	Unmanned Combat Aerial Vehicle - Air Force
Multi-Platform Radar Technology Insertion Program (MP-RTIP)	Wideband Gapfiller Satellite (WGS)

DOD PROGRAMS

Artemis (Chemical Agent Standoff Detection System)	Joint Chemical Agent Detector
Ballistic Missile Defense Program	Joint Service Light NBC Reconnaissance
Business System Modernization (BSM)	Joint Service Lightweight Standoff Chemical Agent Detector
Composite Health Care System II (CHCS II)	Joint Warning & Reporting Network
Corporate Executive Information System (CEIS)	Medium Extended Air Defense System (MEADS)
Defense Joint Accounting System (DJAS)	Patriot Advanced Capability-3 (PAC-3) Missile
Defense Medical Logistics Standard Support (DMLSS)	Sea Based Midcourse Defense Segment
Defense Message System (DMS)	Space-Based Infrared System-Low (SBIRS-L)
Defense Procurement Payment System (DPPS)	Space-Based Laser
DFAS Corporate Database/Warehouse (DCD/DCW)	Standard Procurement System (SPS)
Fuels Automated System (FAS)	Teleport
Global Command and Control System (GCCS) - Joint	Theater High-Altitude Area Defense (THAAD) / GBR
Ground Based Midcourse Defense Segment	Theater Medical Information Program (TMIP)
Joint Biological Point Detection System	Yal-1 Airborne Laser (ABL)
Joint Biological Stand-Off Detection System	

