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
Battlefield Combat Identification System (BCIS)
Bradley Fighting Vehicle System-A3
Business Systems Modernization (BSM)
C-5 Modernization Program
CH-47F
Composite Health Care System II (CHCS II)
DDG 51 Guided Missile Destroyer (Rev 9)
Defense Medical Logistics Standard Support (DMLSS) Automated Information System (AIS)
Defense Message System (DMS) Capstone
Defense Message System (DMS) Revised Capstone
DoD Teleport
F/A-18 MIDS-LVT Integration Annex A
Family of Medium Tactical Vehicles (FMTV)
Joint Air-to-Surface Standoff Missile (JASSM) LRIP (Change 4)
Joint Primary Aircraft Training System (JPATS) MOT&E
Joint Strike Fighter (JSF)
Joint Tactical Radio System-Cluster I
Large Aircraft Infrared Countermeasure System (LAIRCM)
MH-53E Airborne Mine Neutralization System (AMNS)
MH-60S (Change One)
Multifunctional Information Distribution System (MIDS-LVT(2)) (Rev A) JTEMP
Multiple Launch Rocket System (MLRS) M270A1 Launcher Program
Navstar Modernization Global Positioning Satellite
Navy Marine Corps Intranet (NMCI) (TESP)
Patriot Advanced Capability 3 (PAC-3)
Pine Bluff Chemical Agent Disposal Facility, Chemical Demilitarization Program
Shadow 200 Tactical Unmanned Aerial Vehicle (TUAV)
Standoff Land Attack Missile-Expanded Response (SLAM-ER)
Theater Battle Management Core Systems (TBMCS) Post Core Program
Tomahawk Weapon System
Transportation Coordinators’ Automated Information for Movement System II (TC-AIMS II)
UH-60M Black Hawk Utility Helicopter
V-22 Osprey
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<td>Auxiliary Cargo and Ammunition Ship (T-AKE) Program (OT-IIA)</td>
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<td>B-1B Conventional Mission Update Program (CMUP) Block E IOT&amp;E</td>
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<td>Composite Health Care System II (CHCS II) Release 1 EDP</td>
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<td>DDG 51 Flight IIA Class Guided Missile Destroyer (OT-IIIF)</td>
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<td>DDG 51 Flight IIA Destroyer FOT&amp;E (OT-IIIE)</td>
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<td>Defense Medical Logistics Standard Support (DMLSS) Automated Information System (AIS) Release 3.01</td>
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<td>Department of Defense Advanced Automation System (DAAS) / Digital Airport Surveillance Radar (DASR) MOT&amp;E II</td>
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<td>Force XXI Battle Command, Brigade and Below (FBCB2) and Integrated Systems Control (ISYSCON) EDP</td>
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<td>Future Aircraft Carrier Program (CVNX) Change 1 EOA</td>
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<td>Joint Air-to-Surface Standoff Missile (JASSM) IOT&amp;E</td>
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<td>Joint Biological Point Detection System</td>
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<td>Joint Computer-Aided Acquisition and Logistics Support (JCALS) System SEP/EDP</td>
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<td>Joint Mission Planning System (JMPS) OA</td>
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<td>Joint Primary Aircraft Training System (JPATS) MOT&amp;E</td>
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<td>Joint Service Lightweight Nuclear Biological Chemical Reconnaissance System (JSLNBDRS) EDP</td>
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<td>Large Aircraft Infrared Countermeasure System (LAIRCM) OA</td>
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<td>Medium Armored Vehicle</td>
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<td>MH-60S OPEVAL (OT-IIB)</td>
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<td>Milstar II Satellite Communications System MOT&amp;E</td>
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<td>Multifunctional Information Distribution System Low Volume Terminal 2 (MIDS-LVT-2) EDP</td>
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<td>Navy Marine Corps Intranet (NMCI) (OT-IIA)</td>
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<td>Navy Standard Integrated Personnel System (NSIPS) (OT-IIC)</td>
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<td>Patriot Advanced Capability-3, Configuration-3 IOT&amp;E EDP</td>
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<td>Patriot Advanced Capability-3, Configuration-3 IOT&amp;E EDP - Flight Testing</td>
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<td>Reserve Component Automation System (RCAS) SEP/EDP</td>
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<td>Tomahawk Command and Control System</td>
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<td>Transportation Coordinators’-Automated Information for Movement System II (TC-AIMS II) SEP/EDP</td>
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<td>Virginia (SSN 774) Class Submarine (OT-IIB)</td>
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<tr>
<td>XM142 High Mobility Artillery Rocket System Extended System Integration Test</td>
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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.
DOT&E ACTIVITY AND OVERSIGHT

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)

ARMS PROGRAMS

Advanced Field Artillery Tactical Data System (AFATDS)
Aerial Common Sensor (ACS)
Air and Missile Defense Planning And Control System (AMDPCs)
All Source Analysis System (ASAS)
AN/TPQ-47 Counterfire Radar
Army Tactical Missile System Block II / Brilliant Anti-Armor (ATACMS/BAT) And ATACMS Block II / P3I BAT
Battlefield Command Information System (BCIS)
CH-47F Improved Cargo Helicopter Upgrade
Chemical Demilitarization
Comanche (RAH-66) (Includes 20mm Ammunition)
Combat Service Support Control System (CSSCS)
Common Missile Crusader
Distributed Common Ground System (DCGS) - Army
Excalibur (155mm Round)
Family of Medium Tactical Vehicles (FMTV)
Force XXI Battle Command Brigade & Below (FBCB2)
Forward Area Air Defense System (FAADS) Command, Control, and Intelligence (C2I) - Includes GBS
Future Combat System
Future Scout/Calvary System
Global Command and Control System - Army (GCCS-A)
High Mobility Artillery Rocket System (HIMARS)
Integrated System Control (ISYSCON V4)
Interim Armored Vehicle (IAV) - Includes NBC Reconnaissance Vehicle
Javelin Anti-Tank Missile
Joint Computer-Aided Acquisition and Logistical Support (JCALS)
Joint Land Attack Cruise Missile Defense Elevated Netted Sensor (JLENS)
Joint Simulation System (JSIMS)

Joint Tactical Radio System (JTRS)
Kiowa Warrior (OH-58D)
Land Warrior
Line-of-Sight Anti-Tank Missile (LOSAT)
Longbow Apache (AH-64D)
Longbow Hellfire Missile (Upgrades/Modifications)
M1A2 Abrams Upgrade
M2/M3 Bradley Upgrade
M270A1 Multiple Launch Rocket System (MLRS) Upgrade
M829E3 (120mm Round)
Maneuver Control System (MCS)
Multiple Launch Rocket System Guided Rocket (GMLRS)
Objective Crew Served Weapon System (OCSWS)
Objective Individual Combat Weapon System (OICWS)
Reserve Component Automation System (RCAS)
Secure Mobile Anti-Jam Reliable Tactical Terminal (SMART-T)
Sense and Destroy Armor (SADARM)
Sensor Fuzed Munition
Single Channel Anti-Jam Man-Portable (SCAMP) (MILSTAR, Block II)
Stinger Re-Programmable Microprocessor Missile (RMP)
Suite of Integrated Infrared Countermeasures / Common Missile Warning System to Include Advanced Threat Countermeasures (SIIRCM/CMWS)
Suite of Integrated Radio Frequency Countermeasures (SIRFC) (AN/ALQ-211)
Tactical Unmanned Aerial Vehicle (TUAV)
Tow-Fire & Forget Anti-Tank Missile
Transportation Coordinator Automated Information Movement System II (TC-AIMS II)
UH-60M Black Hawk - All Upgrades
Warfighter Information Network-Terrestrial (WIN-T)
Wide Area Munition (WAM) - Advanced Hornet
NAVY PROGRAMS

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

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

AIR FORCE PROGRAMS

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

Joint Helmet Mounted Queing System (JHMCS)
Joint Precision Approach and Landing System (JPALS)
Joint Primary Training System (JPATS)
Joint Surveillance Target Attack Radar System (JSTARS) (E-8C)
KC-135 Global Air Traffic Management (GATM) Upgrade
Large Aircraft Infrared Countermeasures (LAIRCM)
Milstar (Satellite Low/Med Data Rate Communications)
Minuteman III Guidance Replacement Program (GRP) Phase I
Minuteman III Propulsion Replacement Program (PRP)
Multi-Platform Radar Technology Insertion Program (MP-RTIP)

Multiple Platform - Common Data Link (MP-CDL)
National Airspace System (NAS)
National Polar-Orbiting Operational Environment Satellite (NPOESS)
Navstar Global Positioning System (GPS)
Predator Unmanned Aerial Vehicle (UAV)
Sensor Fuzed Weapon (SFW) P3I (CBU-97/B)
Small Diameter Bomb (SDB)
Space-Based Infrared System-High (SBIRS-H)
Titan IV
Unmanned Combat Aerial Vehicle - Air Force
Wideband Gapfiller Satellite (WGS)

DOD PROGRAMS

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