

Acronyms

ACES	Arms Control Enterprise System
AI	Active Interrogation
APOM	Amended POM
AOR	Area of Responsibility
APIX	Airborne Persistent Imagery eXploitation
ARIEL	Autonomous Reconnaissance Infrared Electro-optical Loitering
ASIC	Application Specific Integrated Circuit
ASCO	Advanced Systems Concepts Office
ATAC	Advanced Targeting Assessment Capability
ATD	Advanced Technology Development
AUV	Autonomous Underwater Vehicle
BAA	Broad Agency Announcement
BDA	Battle Damage Assessment
BDI	Battle Damage Information
BLADE	BDI Link Advanced Demonstrator
BLU	Bomb, Live Unit
CAPE	Capability Assessment and Program Evaluation
CBRNE	Chemical, Biological, Radiological, Nuclear, and High-yield Explosives
CFD	Computational Fluid Dynamics
CHAMP	Counter Electronics High Power Microwave Advanced Missile Project
CIO	Chief Information Officer
CNDSP	DTRA Computer Network Defense Service Provider
COCOM	Combatant Command
CoE-NI	Consequence of Execution – Nuclear Integration
COI	Community of Interest
CONOPS	Concept of Operations

CONPLAN	Concept of Operation Plan
CONUS	Continental United States
COOP	Continuity of Operations
CP	Counter-proliferation
CSM	Computational Structure Mechanics
CT/CP	Counterterrorism / Counterproliferation
CTR	Cooperative Threat Reduction
C-WAC	Counter-WMD Analysis Center
CWMD	Combating Weapons of Mass Destruction
CWMD-T	Combating Weapons of Mass Destruction –Terrorism
CZT	Cadmium zinc telluride
DARPA	Defense Advanced Research Projects Agency
DEL	DTRA Experimentation Lab
DHS	Department of Homeland Security
DIAMONDS	Defense Integration and Management of Nuclear Data Services
DIOCC/DIA	Defense Intelligence Operations Coordination Center/Defense Intelligence Agency
DITEC	DTRA Integration Technical Experimentation Center
DNDO	Domestic Nuclear Detection Office
DoD	Department of Defense
DOE	Department of Energy
DPG	Dugway Proving Ground
DPOE	Dynamic Picture of the Operating Environment
DRDC	Defence Research and Development Canada
DSP	Digital Signal Processing
DSWA	Defense Special Weapons Agency
DT&E	Development, Testing and Evaluation

DTRA	Defense Threat Reduction Agency
DTSA	Defense Technology Security Administration
EHF	Extremely High Frequency
EMP	Electromagnetic Pulse
EOD	Explosive Ordnance Disposal
EPA	Environmental Protection Agency
EXCALIBUR	Explicit Calculations of Interacting Blocks Under Rapid Loading
FFRDC	Federally Funded Research and Development Center
FINDER	Flight Inserted Detector Expendable for Reconnaissance
FOC	Full Operational Capability
GDF	Global Development of Forces
GEF	Guidance for Employment of the Force
GIG	Global Information Grid
GNDS	Global Nuclear Defense System
GUI	Graphical User Interface
HAMMER	Heated And Mobile Munitions Employing Rockets
HANE	High Altitude Nuclear Environments
HEMP	High Altitude Electro Magnetic Pulse
He3-RT	Helium 3 Replacement Technology
HDBT	Hard and Deeply Buried Targets
HPAC	Hazard Prediction and Assessment Capability
HPC	High Performance Computing
HPM	High Power Microwave
HSC	High Strength Concrete
HTD	Hard Target Defeat
IBRD	Interagency Biological Restoration Demonstration
IED	Improvised Explosive Device

IMEA	Integrated Munitions Effects Assessment
IND	Improvised Nuclear Device
INDRAC	Interagency CWMD Database of Responsibilities, Authorities, and Capabilities
IOC	Initial Operational Capability
IPODS	Integrated Precision Ordnance Delivery System
ISIS	Integrated Standoff Inspection System
ISR	Intelligence, Surveillance, Reconnaissance
ISS	Integrated Sensor System
IT	Information Technology
ITD	Integrated Technology Demonstration
IWMDT	Integrated Weapons of Mass Destruction Toolset
JAIEG	Joint Atomic Information Exchange Group
JCDE	Joint Concept Development & Experimentation
JCTD	Joint Concept Technology Demonstration
JDAM	Joint Direct Attack Munition
JECE	Joint Elimination Coordination Element
JEM	Joint Effects Model
JMEWS	Joint Multi-Effects Warhead System
JIPOE	Joint Intelligence Preparation of the Operational Environment
JSAF	Joint Semi-Automated Forces
JSIVA	Joint Staff Integrated Vulnerability Assessments
KAFB	Kirtland Air Force Base
LIBS	Laser Induced Breakdown Spectroscopy
LMSI	Lower Manhattan Security Initiative
LTS	Large Test Structure
MACS	Modular Autonomous Countering WMD System
MAV	Micro Air Vehicle

MCNP	Monte Carlo N-Particle
MDA	Missile Defense Agency
M&S	Modeling and Simulation
MFK-R	Mobile Field Kit – Radiological
MIMS	Metastable Innershell Molecular State
MMUAS	Multi-Mission Unmanned Aerial Systems
MOP	Massive Ordnance Penetrator
NATO	North Atlantic Treaty Organization
NCPC	National Counterproliferation Center
NIF	National Ignition Facility
NLGC	Nunn Lugar Global Cooperation
NMS	National Military Strategy
NMSP	National Military Strategic Plan
NNSA	National Nuclear Security Administration
NNSS	Nevada National Security Site
NPR	Nuclear Posture Review
NRTRS	Near Real Time Reachback Support
NSS	National Security Strategy
NST	New START Treaty
NTNF	National Technical Nuclear Forensics
NTPR	Nuclear Test Personnel Review
NuCS	Nuclear Capability Services
NWE	Nuclear Weapon Effects
NWEC	Nuclear Weapon Effects Center
NWED	Nuclear Weapons Effects Database
NWEN	Nuclear Weapons Effects Network

NWRM	Nuclear Weapons Related Materiel
OCO	Overseas Contingency Operations
OCONUS	Outside the Continental United States
O&M	Operations and Maintenance
OPCW	Organization for the Prohibition of Chemical Weapons
OSCAR	Occluding Six-Crystal Array
OSD CAPE	Office of the Secretary of Defense Capability Assessment and Program Evaluation
OSD-NM	Office of the Secretary of Defense, Nuclear Matters Office (in the office of the Assistant Secretary of Defense for Nuclear, Chemical, and Biological Defense Programs)
OSIA	On-site Inspection Agency
P-ISR	Persistent Intelligence, Surveillance, and Reconnaissance
PITAS	Photonuclear Inspection and Threat Analysis System
PNAF	Prime Nuclear Airlift Forces
QRC	Quick Reaction Capability
R2TD	Rapid Reaction Tunnel Detection
RDD	Radiological Dispersion Device
R&D	Research and Development
RadHard	Radiation Hardened
RFIS	Robust Fuzewell Instrumentation System
RHBD	Radiation Hardened by Design
RHM	Radiation Hardened Microelectronics
RHOC	Radiation Hardened Oversight Council
SBIR	Small Business Innovative Research
SCC WMD	USSTRATCOM Center for Combating Weapons of Mass Destruction
SCSP	USSOCOM Combating Weapons of Mass Destruction – Terrorism Support Program
SHAMRC	Second-order Hydrodynamic Automatic Mesh Refinement Code
SHAPE	Supreme Headquarters Allied Powers, Europe

SNM	Special Nuclear Material
SOF	Special Operation Forces
SOX	Standoff Operational Exercise
SREMP	Source Region Electromagnetic Pulse
START	Strategic Arms Reduction Treaty
STC	Secure the Cities
STIRS	Smart Threads Integrated Radiological Sensors
TACBRD	TransAtlantic Collaboration Biological Resiliency Demo
TACSAT	Technical Satellite
TDFD	Timed Delay Firing Device
TEAMS	Technical Evaluation Assessment and Monitor Site
TNF	Technical Nuclear Forensics
TOA	Total Obligation Authority
TRAC	Threat Reduction Advisory Committee
TRL	Technology Readiness Level
TSG	Technical Support Group
TTL	Tag, Track, Locate
TWAC	Targeting and Weaponeering Analysis Cell
UAS	Unmanned Aerial Systems
UAV	Unmanned Aerial Vehicle
UCP	Unified Command Plan
UGF	Underground Facility
UGT	Underground Test
UHF	Ultra-High Frequency
UHPC	Ultra-High Performance Concrete
URM	Universal Rock Model
USANCA	U.S. Army Nuclear and Combating WMD Agency

USEUCOM	U.S. European Command
USNORTHCOM	U.S. Northern Command
USP	University Strategic Partnership
USPACOM	U.S. Pacific Command
USSOCOM	U.S. Special Operations Command
USSTRATCOM	U.S. Strategic Command
UTAS	Underground Targeting and Analysis System
VAPO	Vulnerability Assessment Protection Option
VOIP	Voice Over Internet Protocol
WACS	WMD Aerial Collection System
WCF	West Coast Facility
WEP	Weapon Effects Phenomenology
WESC	Weapon Effects Steering Committee
WMD	Weapons of Mass Destruction
WSMR	White Sands Missile Range