NTA Trail Boss

September 7, 2011

Advanced Planning Briefing to Industry

COL Daniel J. McCormick
JPM NBC CONTAMINATION AVOIDANCE
Joint Program Executive Office for Chemical and Biological Defense
Governance

• DOD Strategic Plan
  – Prioritizes threats, commodities and missions
  – Near, mid and long term
  – 2009 Over Guidance Issue Submission
  – FY 10-12 NTA Program Plans

• National RDA Plan
  – DoD, DHS & OSTP
  – National Defense Strategy and Priorities

• Security Classification Guide
  – OSD Approved February 2010 (OMB adopted May 2010)
  – Supersedes July 2008 SCG
  – Update review currently underway
“Trail Boss” Concept

- JPEO designates Trail Boss in order to:
  - Serve as focal point across JPEO for capability development for given topic
  - Lead strategy development
  - Monitor execution
  - Coordinate interagency

- JPMs still execute component capability development

- JPM NBCCA has been designated “Trail Boss” for Emerging Threats
  - Serve as the synchronization and integration office for related activities across the JPEO CBD
  - Represent the organization at Stakeholder meetings
  - Disseminate guidance across JPEO
  - Facilitate activities to achieve OSD objectives, manage Stakeholder expectations
  - Assist JPMs to meet project goals, while aligning with current Acquisition Programs & program strategies
  - Manage detection projects
  - Integrate specific cost, schedule and performance achievements for headquarters' reporting
JPEO–JPM CA Role within CBDP

NTA Action Group:
Provide Guidance, Oversight, and Assist with Policy

• Build partnerships for the integration of technology
• Build consensus for major governance and acquisition decisions
• Responsible for Horizontal Integration across the Enterprise

JPEO–CBD – JPM NBC CA
Focal point across JPEO for integration of capability development, lead strategy development, interagency coordination and monitoring execution of JPMs’ capability developments

Trail Boss
NTA Trail Boss

DELIVERING AN INTEGRATED NATIONAL DEFENSE CAPABILITY TO PROTECT THE WARFIGHTER AND HOMELAND FROM EMERGING THREATS

Detection

Medical Countermeasures

Contamination Mitigation (Decontamination)

Individual Protection

Test Infrastructure

Deliver Integrated Solutions to Continually Increase Warfighter Capability
Needs

• Detection: Environmental Monitoring, Standoff Detection, Field-ready Confirmatory ID
• Medical: Improved Treatments, Early Diagnostics, Surveillance
• Decon: Agent Defeat Solutions, Equipment Barriers
• Protection: Lightweight materials, closures
• Test: Standard Methods, Challenge Levels, Whole-System Test Infrastructure (NFPA certification of any mask)

Strong need for new and innovative systems
Influencing the Requirements Analysis Process

Physical and Chemical Properties
Physiological Response/Toxicology
Dispersion & Deposition
Medical Countermeasures
Agent Fate
Simulants
Test Infrastructure

Threat Science
Supporting Science

Threat
Missions Tasks

Mission Analysis

MOEs
MOPs
COIPs

Iterative Process with User Involved

Technical Performance Baseline

Knowledge and Materiel Gaps

User Validation

CB ICTs

Next Steps:
- ICT defines path forward
- Modify Current Equipment
- New Starts
- Revisit DOTMLPF Analysis
- Other
# NTA Trail-Boss Programs of Interest

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