



NTA Trail Boss

September 7, 2011

Advanced Planning Briefing to Industry

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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

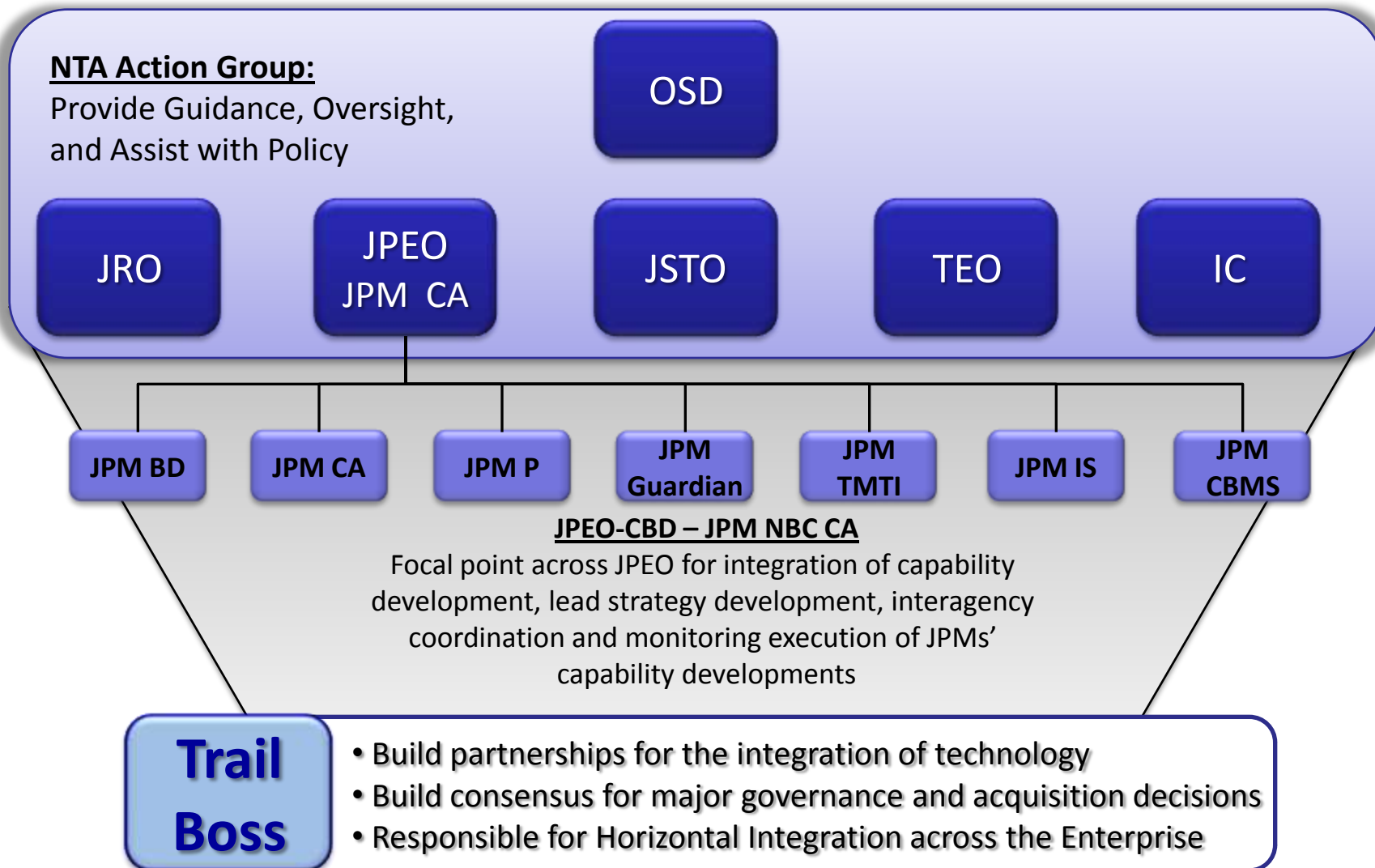


- **JPEO designates Trail Boss in order to:**
 - Serve as focal point across JPEO for capability development for given topic
 - Lead strategy development
 - Monitor execution
 - Coordinate interagency
- **JPMs still execute component capability development**
- **JPM NBCCA has been designated “Trail Boss” 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 CBBDP





NTA Trail Boss



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



Detection

IIEAR	MD	FAR
Bulk ID Sensitive Site Assessment	Trace ID Environmental Monitoring	Wide Area Early Warning / Standoff

Medical Countermeasures

IIEAR	MD	FAR
Patient Care TTPs	Therapeutics	Pre-Treatment

Contamination Mitigation
(Decontamination)

IIEAR	MD	FAR
Respond (Immediate/Operational)	Recover (Thorough)	Restore (Clearance)

Individual Protection

IIEAR	MD	FAR
Level A MOPP	MOPP Enhancement	Integrated Protection

Test Infrastructure

IIEAR	MD	FAR
Glove Box	NTA Chamber	

Deliver Integrated Solutions to Continually Increase Warfighter Capability



Needs



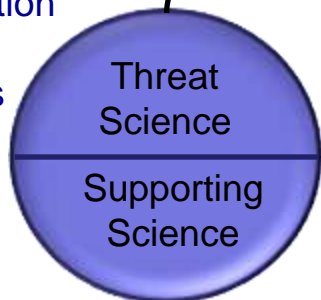
- Detection: Environmental Monitoring, Standoff Detection, Field-ready Confirmatory ID
- Medical: Improved Treatments, Early Diagnostics, Surveillance
- Decon: Agent Defeat Solutions, Equipment Barriers
- Protection: Lightweight materials, closures
- Test: Standard Methods, Challenge Levels, Whole-System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

Strong need for new and innovative systems

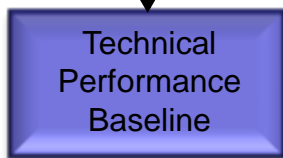
Influencing the Requirements Analysis Process



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



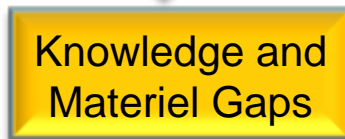
Simulants Test Infrastructure



Mission Analysis



Functional Analysis



User Validation



Iterative Process with User Involved

Next Steps:

ICT defines path forward

- ◆ Modify Current Equipment
- ◆ New Starts
- ◆ Revisit DOTMLPF Analysis
- ◆ Other



NTA Trail-Boss Programs of Interest



PD/JPM	Program	FY12	FY13	FY14	FY15	FY16	FY17
JPM CA	NTA Detect	PROC	PROC	Sustainment	Sustainment	Sustainment	Sustainment
JPM CA	NTA Chamber	6.4	6.4	6.5	6.5	6.5	6.5
JPM CA	NGCPD	Sustainment	6.4	6.4	6.4	6.5	6.5
JPM CA	DR SKO / DR SKO II	PROC	PROC	PROC	PROC	PROC	PROC
JPM CBMS	BioScav	6.5	6.5	6.5	6.5	6.5	6.5
JPM CBMS	INATS	6.4	6.5	6.5	6.5	6.5	6.5
JPM CBMS	AAS	6.5	PROC	PROC	Sustainment	Sustainment	Sustainment
JPM CBMS	CANATS	6.4	6.4	6.4	6.4	6.5	6.5
JPM Decon	DFOS	6.4	6.5	6.5	6.5	6.5	6.5
JPM IP		6.5	6.5	6.5	6.5	6.5	6.5





JPM NBC Contamination Avoidance Contacts



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