

CBD AIF

**Impact of Weapon Systems Reform Act of
2009**

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Agenda

- | Areas of Alignment with Industry
- | Impacts and concerns
- | Detection Sector questions

Areas of Alignment

I Focus on Reducing Overall Program Cost

- ä Focus on life cycle cost
- ä Focus on early cost estimates

I Systems Engineering

- ä Much of industry is performing product development in accordance with the CMMI standards
- ä Strategy is to maintain a functionally integrated, tailorable, and lean approach to product development

I Ensuring Competition

- ä Competitive prototyping, Dual sourcing
- ä Government funding for next-generation prototype systems or subsystems
- ä Use of modular, open architectures to enable competition for upgrades
- ä Periodic competitions for subsystem upgrades

Impacts and Concerns

- I Industry has more opportunities to participate in government run TRAs and obtain an independent assessment of their technology
- I Most significant negative impact to industry is potential program delays
 - ä Many of the sections of the Law appear to apply only to MDAPs and yet in some cases the same rules and processes are being applied to ACAT 3 and 4 systems
 - ä Programs which were expected to enter post MS A are being asked to step back and go through a formal MS A process
 - n JBTDS Inc. 1
 - n JBSDS Inc. 2

Impacts and Concerns

I Organizational Conflicts of Interest

- ä Industry understands the concern and has developed rigorous mitigation plans
- ä Industry is looking for PCOs to consider mitigation plans and assess OCI risks consistently across various programs

I Competitive Prototyping

- ä Industry is expected to bring TRL5/6 solutions to competitive prototyping
- ä Industry is looking for early insight into user needs and requirements to help focus investment
- ä Industry would like to improve the connection/communication between the government technical base, the government program offices the government user representatives and the industrial base

Detection Sector Questions

- | Which government organization is responsible for the pre MS A Analysis of Alternatives?
- | What is the communication chain between the organizations doing the pre-MS A AoA and all of the work that was accomplished by the program office and technical communities to prepare for the Materiel Development Decision?
- | How does the JPEO balance requirements of test community, requirement for JROC to obtain significant input from COCOMs, cost analysis required by the CAPE, and still move forward in a timely manner with programs funded in the POM?
- | How are acquisition strategies going to incorporate the requirement for competitive prototypes?
 - ä Are contracts for the prototypes going to include options for development and production or will other companies be allowed to bid on development and production?
 - ä If prototype contracts include development and production, how is competition for technology upgrades going to be conducted?
- | Is the JPEO considering funding industry development between MS A and MS B or is the technology development phase intended only to identify what needs to be worked in EMD?
- | What data does the CAPE utilize to do early cost estimates; is it possible for industry to provide input to this analysis?
- | With the focus of the Weapon System Reform Act on government employees performing systems engineering, is there going to be a trend towards more government in-house development?