



Small Business Innovation Research Program (SBIR)

Industry Day

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Overview

- **Importance of innovative technology to BMDS capability**
- **SBIR program and future BMDS capability**
- **MDA Reengineering + BRAC = Opportunity**



Leveraging Innovative Technology

- **Leveraging technology breakthroughs increase BMDS capability**
 - Seeking best technical and operation concept solutions from Defense, industry and academic sources
 - Solutions to improve integrated capability and availability
 - Solutions to reduce costs and improve return on investment (ROI)
 - Solutions to accelerate **Technology Transition** to the BMDS



The Future of SBIR and BMDS

- **SBIR program and Technology Transition key to future BMDS capability**
 - Technology Transition success is not only product insertion
 - Broaden focus to include:
 - transition of knowledge
 - transition of understanding
 - Capturing all forms of Technology Transition improve SBIR success and BMDS capability
 - Technology Transition synchronized with BMDS spiral development and the Block construct can be an ideal approach to planning for incremental improvements in capability



The Future of SBIR and BMDS

- Building collaborative Technology Transition working relationships
 - MDA Knowledge Centers, Research Area Leads, SBIR Program Office, Advance Technology, System Engineering, and industry
 - teaming to prioritize promising technology
 - teaming to implement ideas for advancing technology beyond TRL 5, and expediting Technology Transition
 - Technology Transition test site(s) replicating operational environments through the reuse of simulation and Hardware-in-the-Loop (HWIL) and Software in-the-Loop (SWIL) capabilities



Reengineering and BRAC

- **MDA reengineering and BRAC impact on Technology Transition**
 - Opportunity to develop efficient Technology Transition process
 - Opportunity to improve MDA Technology Transition decision-making cycles
 - Combine improved **business processes** to operationalize innovation faster
 - Formulate **policy** that facilitates transition of advanced technologies from R&D to BMDS
 - Combine **contracting** resources to increase efficiency
- **Bottom-line - Benefits for MDA and Industry**



Summary

- **Technology innovation to reduce cost, improve ROI, and BMDS capability**
- **Collaboration, innovative thinking, and *action* to implement Technology Transition are key to improving BMDS capability**
- **MDA Reengineering + BRAC = Opportunity for all**



Backup

Managed By Blocks....

	CY 05	CY 06	CY 07	CY 08	CY 09	CY 10	CY 11	CY 12
Block 06	█	█						
Block 08			█	█				
Block 10					█	█		
Block 12							█	█



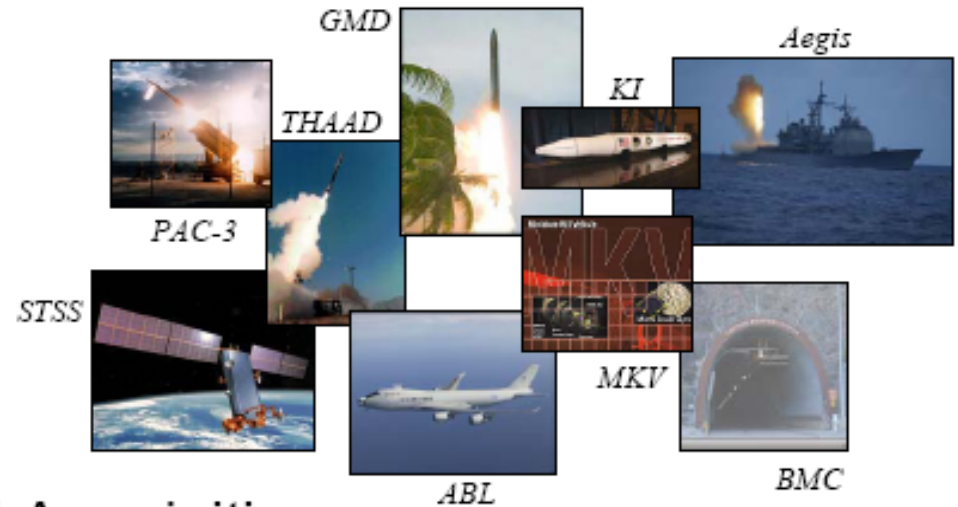
IDO (Initial Defensive Operations)



Vandenburg AFB

Ft Greely

In Support of Elements....



Using Spiral Acquisition....

