Presentation For Missile Defense Information Technology Small Business Conference

September 1, 2009

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Director for Small Business Programs
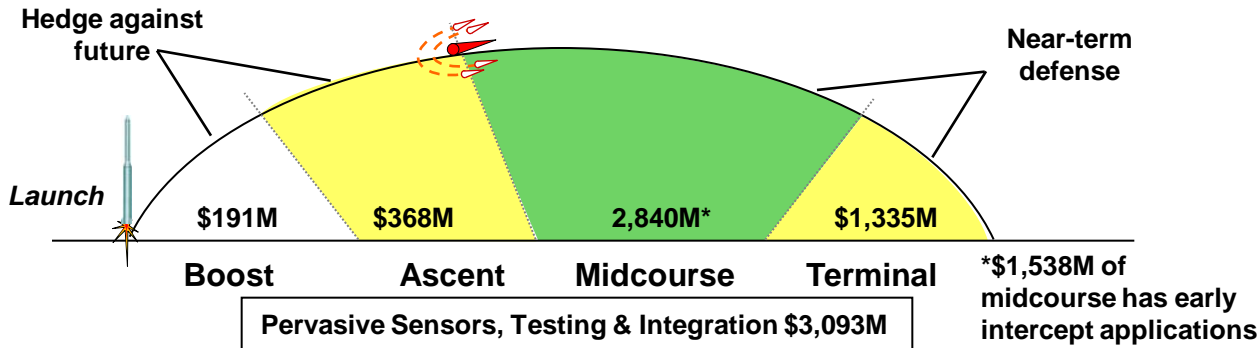**Missile Defense Agency**

Missile Defense Agency Mission (U)

Develop an integrated, layered Ballistic Missile Defense System (BMDS):

- To defend the United States, its deployed forces, friends and allies

- From ballistic missiles of all ranges

- Capable of engaging them in all phases of flight

Missile Defense Goals (U)

TY$ in Millions	FY10
Development	4,162.4
Test	1,458.0
Fielding	1,491.1
Sustainment	714.9
Total	**7,826.4**

Trajectory diagram labels: Hedge against future | Near-term defense | Launch | $191M | $368M | 2,840M* | $1,335M | Boost | Ascent | Midcourse | Terminal | *$1,538M of midcourse has early intercept applications | Pervasive Sensors, Testing & Integration $3,093M

- **Enhance protection of deployed forces, allies and friends against existing threats**
  - Field more Terminal High Altitude Area Defense (THAAD) and Standard Missile-3 (SM-3) interceptors
  - Begin conversion of 6 additional Aegis ships

- **Maintain a long-range midcourse capability to defeat rogue state threats against U.S.**
  - Complete emplacement of 26 Ground-Based Interceptors (GBIs) at Fort Greely and 4 at Vandenberg Air Force Base
  - Extensive development to enhance GMD capability continues
  - Plan for a European Missile Defense to the extent allowed by law*

- **Balance midcourse Research & Development with early intercept Research & Development**
  - Terminate midcourse Multiple Kill Vehicle
  - Terminate Kinetic Energy Interceptor program
  - Cancel Air-Borne Laser (ABL) Tail #2 and focus program on Research & Development
  - Demonstrate early intercept technologies to hedge against threat growth

* European Missile Defense and other missile defense policies are under QDR cognizance

New Missile Defense Initiatives (U)

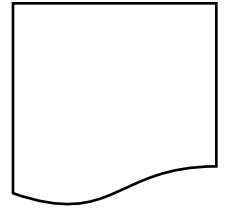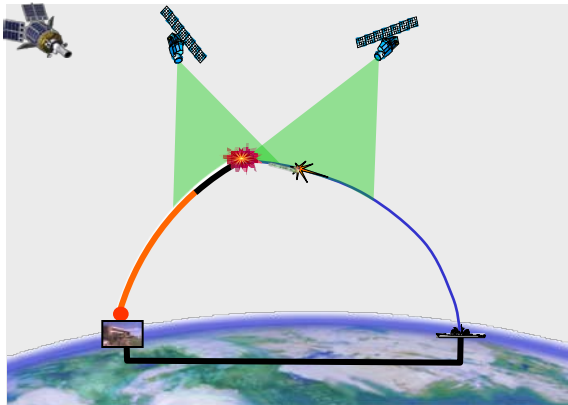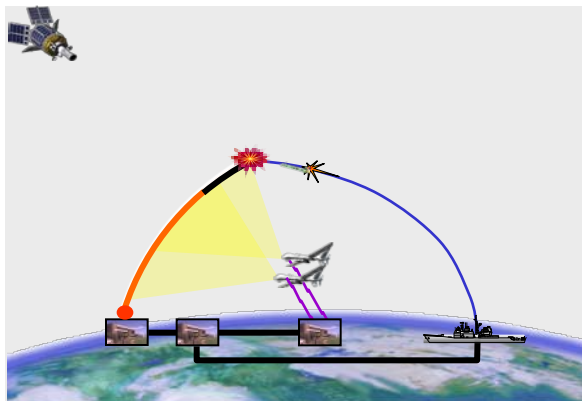| Precision Tracking Satellite System Planning	Airborne Infrared System To Support BMD	Land-Based SM-3	Risk Reduction For Extended Range THAAD	Other

Transportable VLS
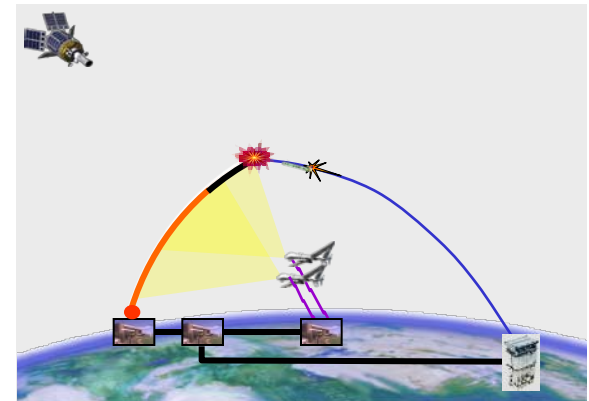
Engage on STSS

Engage on Airborne Infrared (sea-based SM-3)

Engage on Airborne Infrared (land-based SM-3)

New Initiatives Will Increase MDA Government Large And Small Business Opportunities Starting In FY10

MDA Office of Small Business Programs Mission/Vision (U)

- **The Mission of the Office of Small Business Programs (OSBP) is to enable the Missile Defense Agency to gain access to the efficiency, innovation, and creativity offered by small businesses**

- **OSBP has a Vision to remain an integral player and value added advisor in the development of MDA acquisition strategies to ensure compliance with laws, directives, goals, and objectives related to small business initiatives; to serve as a facilitator for accessing untapped small business resources; and to serve as an advocate for small business in MDA procurements**

Small Business Utilization In MDA (U)
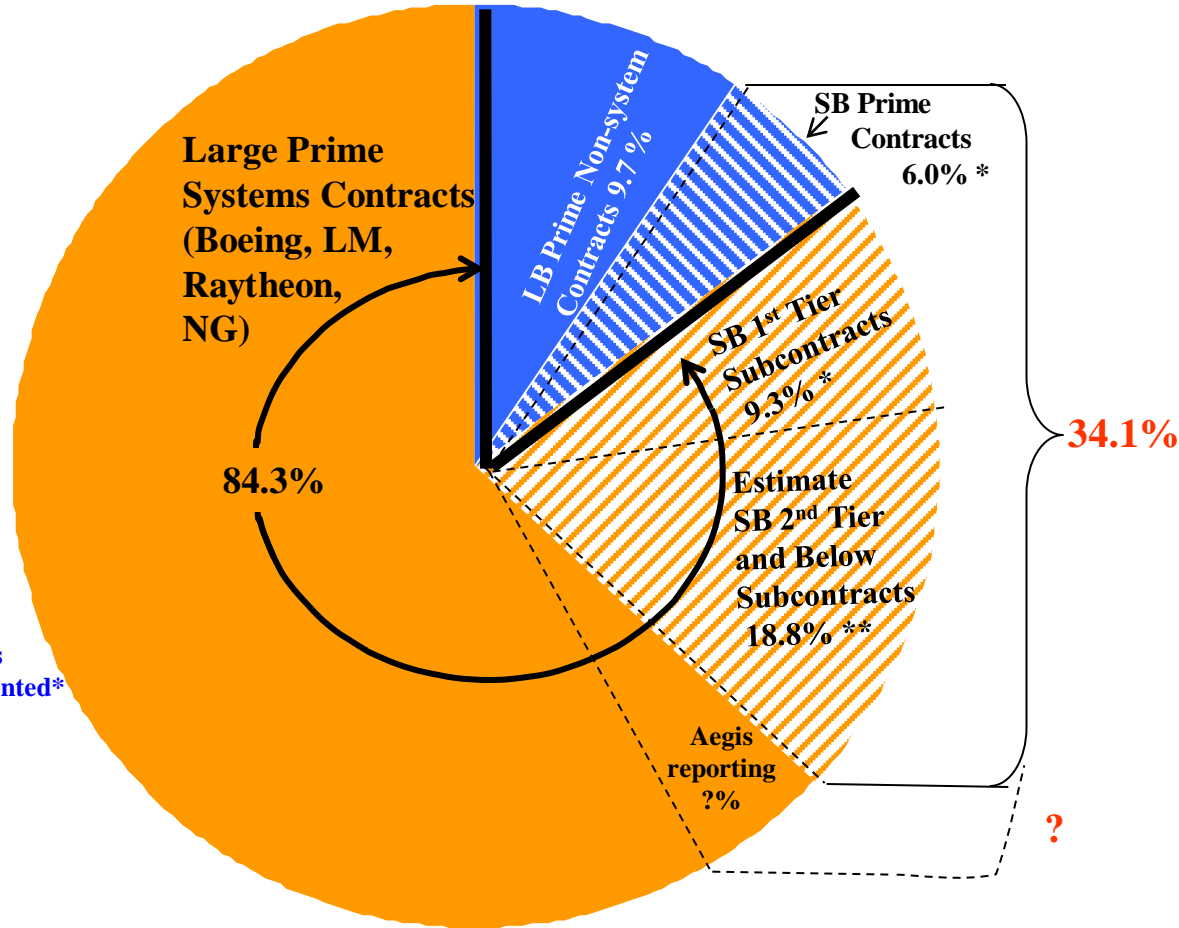
Statutory Small Business Goals for DoD:

- **Total Small Business 23%**
- **Small Disadvantaged Business 5%**
- **Woman Owned Business 5%**
- **Service Disabled Veteran Owned 3%**
- **Historically Underutilized Business Zones 3%**

➢ **MDA estimates that 34.1% of its acquisition dollars eventually flows to small businesses**

- **6.0% of MDA acquisition dollars are awarded as prime contracts to small businesses***
- **9.3% are awarded to small businesses as 1st tier subcontractors***
- **MDA estimates another 18.8% of its acquisition dollars flow to small businesses through 2nd tier and below subcontracts****

15.3% To SB's documented*

MDA Total Acquisition Dollars*

Large Prime Systems Contracts (Boeing, LM, Raytheon, NG)

LB Prime Non-System Contracts 9.7 %

SB Prime Contracts 6.0% *

SB 1st Tier Subcontracts 9.3% *

Estimate SB 2nd Tier and Below Subcontracts 18.8% **

Aegis reporting ?%

84.3%

34.1%

?

Approved for Public Release
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* Based on FY 08 reporting
** Based on FY 07 reporting

ms-112575 / 063009

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Small Businesses and MDA (U)

- **MiDAESS is the vehicle for future A&AS service contracting in MDA, so:**
    - Stay engaged (FBO, PSC, Draft RFPs, etc)
    - Identify your market within the Agency
    - Respond to sources sought
    - Find teammates
    - Performance counts
    - Look at both prime and subcontracting opportunities

- **Many subcontracting opportunities with LB Primes:**
    - Opportunities at all tiers
    - Engage SBLO's
    - Mentor-Protégé Program

- **SBIR/STTR Program**

- **Other prime/subcontracting opportunities lie in Infrastructure Support (e.g. facilities support, IT, etc)**

MiDAESS Advisory & Assistance Support (A&AS) Scope And Schedule (U)

- **Work is aligned functionally for better BMDS "integration" and "sharing of expertise" across the Agency**
- **MDA will administer contract vice paying other government agencies' administrative costs**
- **A&AS augments expanding MDA government workforce**
- **Two competitions in MiDAESS**
  - **Small Business Set Aside – 38%**
  - **Full and open – 62%**
- **Schedule**
  - **17 JUN RFP released**
  - **8 JUL final review with all offerers to include sample task orders**
  - **17 AUG industry proposals due to MDA**
  - **~ 90 days for source selection**
  - **1st awards in 1st quarter FY2010**

Functional Capability Group	Scope
Group 1: QSMA Support	• **Quality, Safety, & Mission Assurance (QSMA)** - **100% small business set aside**
Group 2: Acquisition Support	• **Acquisition** • **Readiness Management** • **International Affairs** • **Business and Financial Management** • **Legislative Affairs**
Group 3: Engineering Support	• **Systems Engineering** • **Test** • **Advanced Technology** • **Information Management & Technology Operations**
Group 4: Infrastructure & Deployment Support	• **Infrastructure and Environment** • **Warfighter Support Center**
Group 5: Agency Operations Support	• **Executive Administrative Support** • **Human Resources** • **Public Affairs**
Group 6: Security and Intelligence Support	• **Security and Intelligence Support** - **No small business set aside**

Small Business and
Advanced Technology Exploration (U)

- **Small Business Innovative Research (SBIR) and Small Business Technology Transfer (STTR) programs**

  - Fourth largest program in DoD
  - 160 SBIR Phase I awards, 90 Phase II awards in FY08
  - $137 million SBIR/STTR funding in FY08

- **SBIR/STTR focus areas**

  - Reduce time from threat launch to intercept
    - **Detect**
    - **Acquire**
    - **Track**
    - **Battle Management**
    - **Assured Communications**
    - **Fire Control**
    - **Interceptor fly out time (miniaturization)**
    - **Hit Assessment**
  - System lifetime operational readiness and reliability

KEYNOTE SPEAKER INTRODUCTION (U)

Dr. Jim Armstrong

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