

Missile Defense Agency SBIR/STTR Program

*Presented to the SBIR/STTR National Conference
Research Triangle Park, North Carolina*



**Mr. Michael Zammit
SBIR/STTR Program Manager**



Missile Defense Agency Mission

Develop and progressively field a joint, integrated and multilayered Ballistic Missile Defense System (BMDS):

- To defend the United States, our deployed forces, and our friends and allies
- Against ballistic missiles of all ranges
- By engaging them in all phases of flight



Integrated Ballistic Missile Defense System (BMDs)



DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.



Magnitude of the MDA SBIR Program

FY	Program	# Topics	# PI Proposals	# PI Awards	# PII Awards
FY03	SBIR	102	1861	454	184
	STTR	6	60	41	6
	Total (~\$137M)	108	1921	495	190
FY04	SBIR	87	1712	315	211
	STTR	24	275	46	29
	Total (~\$141M)	111	1987	361	240
FY05	SBIR	96	1690	242	101*
	STTR	21	232	29	16
	Total (~\$139M)	117	1922	271	117*
FY06	SBIR	69	1508	174	121
	STTR	13	177	26	16
	Total (~\$133M)	82	1685	200	137
FY07	SBIR	54	1165	165	99
	STTR	11	111		
	Total (~\$142M)				

Focus Resources on Phase II Efforts and Transitioning to Phase III

*started to fully fund Phase II's instead of incrementally funding



SBIR Solicitation/Proposal Schedule (MDA Goals)

July 19	Phase I Pre-solicitation Period Opens (07.3)
August 20	DoD issues Phase I Solicitation
September 19	Phase I Proposals Due
Sep 21-Nov 21	Phase I Proposal Evaluation and Selection
Jan 21	Phase I Contract Awards Complete
Jan 21-Jul 21	Phase I Performance Period
Aug 1	Phase II Invitations Released
Sept 1	Phase II Proposals Due
Sept 1-Oct 1	Phase II Proposal Evaluation and Selection
Feb 1	Phase II Contract Awards Complete
Feb 1	Phase II Performance Period Begins



STTR Solicitation/Proposal Schedule (MDA Goals)

January 22	Pre-solicitation (<i>closed</i>)
February 20	DoD issues Phase I Solicitation (<i>closed</i>)
March 21	Phase I Proposals due (<i>closed</i>)
Mar 28-May 24	Phase I Proposal Evaluation and Selection
July 15	Phase I Contract Awards Complete
Jul 15 – Jan 15	Phase I Performance Period
Feb 1	Phase II Invitations Released
Mar 1	Phase II Proposals Due
Mar 3-Apr 3	Phase II Proposal Evaluation and Selection
Aug 3	Phase II Contract Awards Complete
Aug 3	Phase II Performance Period Begins



MDA SBIR/STTR Program Priorities

- **Prioritize Projects at the Ballistic Missile Defense System (BMDS) Level**
- **Address BMD System Gaps or Foster New BMD System Capabilities**
- **Increase Value of Phase II Awards Based on Increased Relevance to the BMD System**



MDA SBIR/STTR Strategic Management

- **Deputy, Advanced Technology**
 - Overall Responsibility For The MDA SBIR/STTR Programs
 - Government Source Selection Authority
 - Chair's SBIR Steering Group
- **Steering Group**
 - Board of Directors, Provide Technical/Investment Guidance
 - Review and Approve Topics and Awards
- **Program Management Office**
 - Responsible For Day to Day Execution



MDA Strategic Management (con't)

- **Program Sponsors**

- Draft Topics
- Evaluate Proposals
- Make Award Recommendations
- Plan and Track Technology Transition and Insertion
- Participants
 - AB – Aegis BMD
 - AL – Airborne Laser
 - BC – Integration (C2BMC)
 - DEP – Producibility and Mantech
 - DES – Modeling & Simulations
 - DOS – Security/Intel Ops
 - DT – Test & Evaluation
 - DV – Advanced Technology
 - GM – Ground-based Midcourse Defense
 - KI – Kinetic Energy Interceptor
 - MK – Multiple Kill Vehicle
 - QS – Quality and Safety
 - SS – Space Tracking and Surveillance System
 - TH – THAAD



MDA Strategic Management (con't)

- **Research Area Leads (RALs)** - Facilitate the Integration across the BMDS

Research Areas – 07.3 Solicitation
Space Technology
Interceptor Technologies
Modeling & Simulation
Manufacturing Technology
Discrimination
Radar System Technology
Information Assurance
Integration
Safety/Insensitive Munitions
Airborne Component Technology

The MDA SBIR INDUSTRY DAY will be held Thursday, July 26, 2007 in Arlington, VA. The Industry Day will focus on enhancing the SBIR Process for MDA and the Small Business Community. RALs will give briefings on their technology areas and Small Businesses will have the opportunity to sign up for one-on-one sessions with key MDA representatives. This is a great opportunity during the DoD pre-solicitation period. Attendance is encouraged. For more information, go to www.winmda.com.



MDA Phase II Enhancement Program

- Phase II Enhancement Program Requirements
 - Applications Subject to Review of the **Transition Plan, Statement of Work and the Availability of Funding**
 - Firm must be able to identify a path of insertion (transition) for the technology into BMDS.
 - Up to One Year Extension of Existing Phase II
 - Up to \$500K Matching SBIR Funds



National Technology Transfer Center

- **NTTC leverages the expertise of technology and business experts to accelerate the maturation and commercialization of technology**
- **Provides individualized business assistance through regional workshops funded by MDA**
- **NTTC services offered to MDA SBIR awardees**



WEB SITES

www.mda.mil

(Making Ballistic Missile Defense a Reality)

- ❖ **Designed for security . . .To impart the official word**
- ❖ **Missile Defense News, Images, Videos, Fact Sheets**
- ❖ **BMDS Overview, BMD Basics**

www.winmda.com

- ❖ **MDA SBIR/STTR Information**
- ❖ **Past awards**
- ❖ **“How To” tutorials for submitting proposals**

www.mdatechnology.net

(Designed with flexibility . . . To keep the world updated and current)

- ❖ **Google indexing of 300+ individual articles**
- ❖ **Company News links visitors to press releases**
- ❖ **Real-time uploads of technology info and fact sheets**



MDA SBIR Points of Contact

Lee R. Rosenberg

Director of Small Business Programs
703-553-3400

Mike Zammit

SBIR/STTR Program Manager

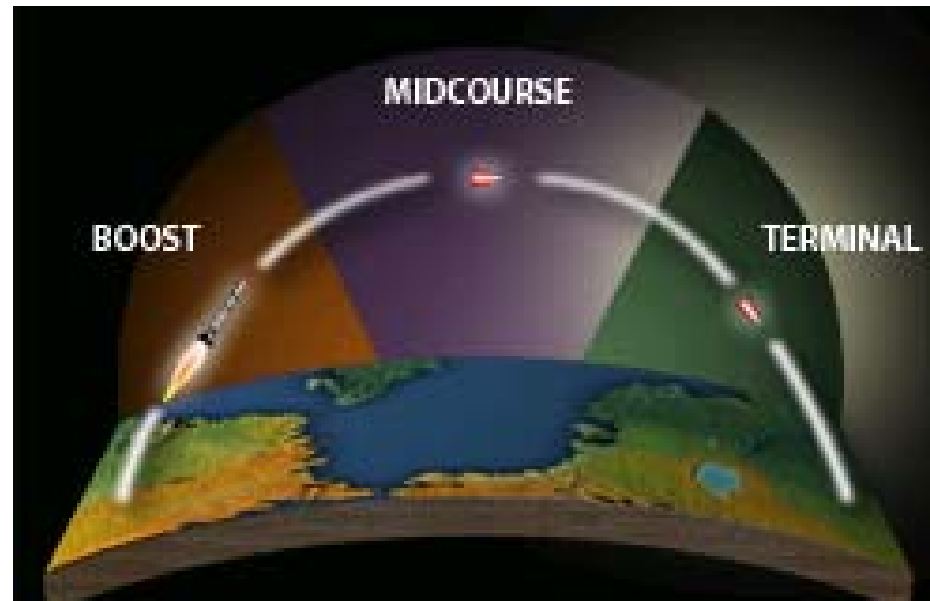
Jangela Shumskas

MDA SBIR/STTR Program
Management Office

MDA SBIR/STTR Info

703-553-3418

SBIRSTTR@mda.mil





Ballistic Missile Defense Systems – On Alert

