

STELLAR TEAM

NOBLE MISSION



March 27, 2023

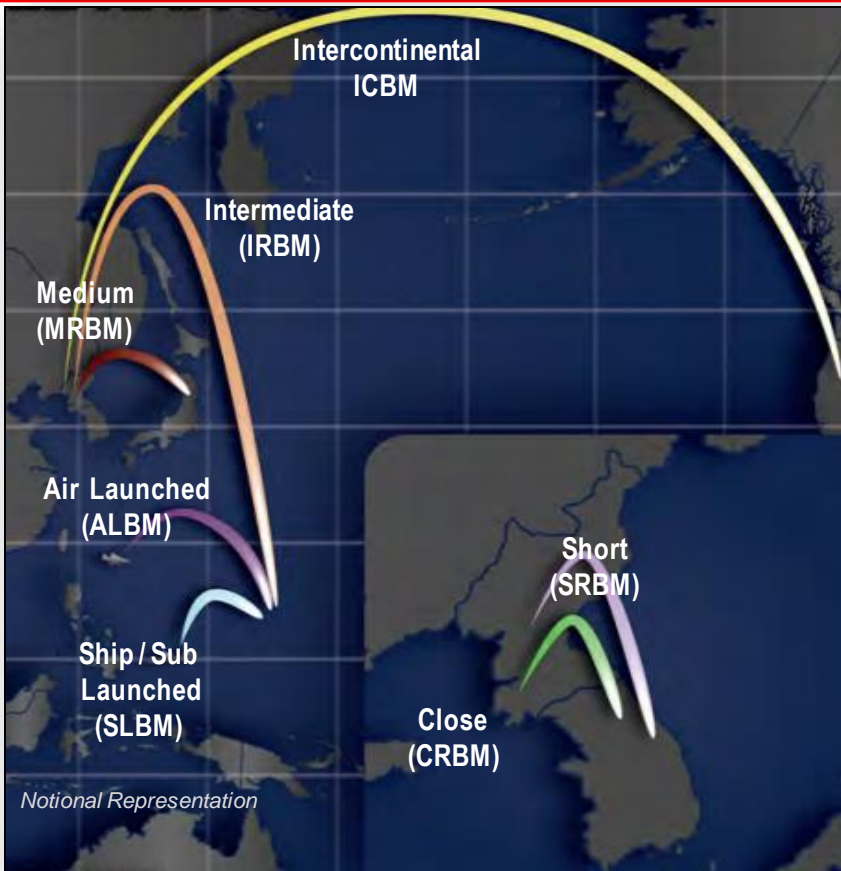
How to Do Business with the Missile Defense Agency (MDA)

DoD Mentor-Protégé 2023 Summit

Tim Cole
Director for Small Business



Missile Defense Evolving Threat Environment



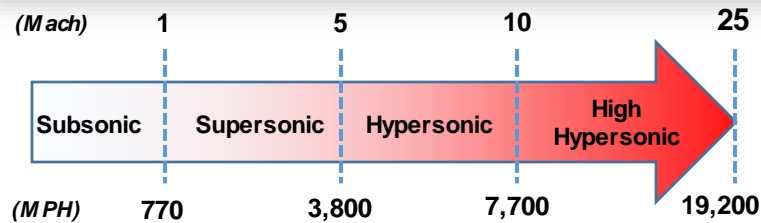
New missiles & existing system improvements

- Precision strike
- Decoys and jammers

Maneuvering in midcourse or terminal phase

- Depressed Ballistic Trajectories
- Multiple Independent Reentry Vehicle (MIRV)
- Maneuvering Reentry Vehicle (MaRV)
- Global Hypersonic Glide Vehicles (HGV)
- Long Range Hypersonic Cruise Missiles (HCM)

Integrated ballistic, hypersonic, air, cruise missile, unmanned and non-kinetic attacks



Approved for Public Release 22-MDA-1134 (22 Nov 22)

Ref: 2022 Missile Defense Review



North Korea
IRBM Hwasong-8

Iran
Multiple MRBMs

China
DF-15 SRBM

Russia
Tsirkon HCM

Approved for Public Release 22-MDA-11324 (22 Nov 22)



Missile Defense Agency

To develop and deploy a **layered**, Integrated Missile Defense System to defend the **United States, its deployed forces, allies, and friends** from missile attacks in **all phases of flight**

WARFIGHTER CAPACITY

OPERATIONS
& READINESS

PRODUCTION,
FIELDING & DEPLOYMENT

TECHNOLOGY,
DEVELOPMENT & TEST

Delivering Capability by, with and through the Services
to meet Combatant Command Requirements



Today's Active, Layered Missile Defense System

**BATTLE 1
HOMELAND DEFENSE**

**BATTLE 2
REGIONAL DEFENSE**

**BATTLE 3
SELF DEFENSE**

SENSORS



Surveillance & BMDS Overhead Persistent Infrared (OPIR) Architecture (BOA)



Cobra Dane Radar



UEWR Radars



Sea-Based X-Band Radar



TPY-2 Forward Based Radars



AEGIS BMD SPY-1 Radars



THAAD TPY-2 Radars



Patriot MPQ-65 Radars

COMMAND & CONTROL, BATTLE MANAGEMENT & COMMUNICATIONS (C2BMC)

COMBATANT COMMANDS, JOINT STAFF, SERVICES & MDA



GMD



AEGIS



THAAD



Patriot

WARFIGHTING ASSETS



Ground-based Midcourse Defense (GMD)



AEGIS Ashore



AEGIS



THAAD



Patriot

WEAPONS

GBI
Ground Based Interceptor

SM-3
BLK IIA

SM-3
BLK IA/IB

THAAD
Terminal High Altitude Area Defense

SM-6
Sea Based Terminal

MSE
PAC-3
Missile Segment Enhancement

PAC-3
Patriot Advanced Capability-3



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



Mission: To facilitate access to ingenuity residing within the small business industrial base the Missile Defense Agency (MDA) relies on for missile defense.

Vision: We strive to remain an integral player and valued advisor to the workforce developing and implementing acquisition strategies supporting MDA's foundation for missile defense, while effectively advocating for use of small businesses in our procurements.



MDA OSBP Website

U.S. DEPARTMENT OF DEFENSE
MISSILE DEFENSE AGENCY

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MDA MISSION

The Missile Defense Agency's (MDA) mission is to develop, test, and field an integrated, layered, ballistic missile defense system (BMDS) to defend the United States, its deployed forces, allies, and friends against all ranges of enemy ballistic missiles in all phases of flight.

NEWS

- October 3, 2016 [Missile Defense Agency Conducts Distributed BMD Ground Test](#)
- July 21, 2016 [MDA Opens Missile Defense System Data Terminal at Fort Drum \[Photos\]](#)
- July 19, 2016 [James N. Miller Receives Ronald Reagan Missile Defense Award](#)

May 25, 2016 - The Missile Defense Agency and U.S. Navy sailors aboard USS Hopper (DDG 70) successfully conducted two developmental flight tests of the Standard Missile-3 (SM-3) Block IB Threat Upgrade guided missile on May 25 and 26 off the west coast of Hawaii.

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STELLAR TEAM

NOBLE MISSION

