# **COMBATTING THE MULTI-DOMAIN CHALLENGE:** AN OVERVIEW OF THE MISSILE DEFENSE AGENCY'S

**2019 BUDGET REQUESTS** 

the possibility of enemy ballistics invading US territory is real. North Korea, however, is not the only country on the US' radar; both Russia and China threaten the safety of our nation. Investing strategically into the Missile Defense Agency's initiatives is not only a smart decision; it's imperative. Ahead of the 2018 Integrated Air and Missile Defense Event, running November 28-

With North Korea's most recent development in long range nuclear armed missiles,

30th in Washington, D.C., we took a look at the Missile Defense Agency's 2019 Budget Requests. Totaling \$9.9 Billion, the MDA's requests span across a variety of programs in an effort to strengthen and expand the defense forces for the US. We'll break down some of the highlighted sectors to provide an overview of what the MDA holds as priority.

**BUDGET FOR FY19 BILLION** 

**TOTAL MDA** 

**MORE THAN THE** \$7.9 BILLION **FY2018 REQUEST** 

**BILLION TOWARDS OVERALL PROCUREMENT THAAD** 

\$2.4

\$874 million for Terminal High Altitude Area

Defense (THAAD) to test

interoperatbility with not only Aegis but also the Patriot.



**AEGIS BMD** The AEGIS Ballistic Missile Defense program will allocate

\$593 million toward the procurement of 6 standard Missile - 3 Block IIA (SM-3 IIA) interceptors.

Ground Based Interceptors, expanding the current 44 to

64. Additionally, part of the

funds will be used toward

**GBIS** \$524 million will be allocated toward the procurement of 20 additional



the construction of new missile field, Missile Field 4, at Fort Greely.

**GMD** \$409 million

toward Ground-based

request was only recently included in the formal procurement account; prior to 2017, GMD funds were strictly categorized as RDT&E, not procurement.

Midcourse Defense. The GMD

**BILLION TOWARDS** RESEARCH, DEVELOPMENT, **TEST & EVALUATION BMD MIDCOURSE DEFENSE** 

\$6.8



projected for 2019.

**AEGIS BMD** The MDA will invest \$767 million for RDT&E. By the end of 2019, the US Navy expect there to

be 41 BMD-capable AEGIS

AEGIS defenses.

**INTERCEPTORS** 

ships available, including US

Navy ships, two NATO AEGIS Ashore ships, and Japan's



The \$561 million dedicated to RDT&E

for Homeland Defense

**HOMELAND DEFENSE** 

Interceptors includes the Redesigned Kill Vehicle (RKV), research for the aforementioned 20 additional GBIs, and a deeper look into THAAD, Aegis, and Patriot interceptors. **□□** BMD ENABLING **PROGRAMS** 

\$540 million

will be allocated to Ballistic Missile Defense Enabling Programs. Defense contractor



companies Raytheon, Lockheed Martin, and Northrop Grumman will

compete by developing sensor and digital signage to win the final enablement program contract.



## The M-SHORAD (Maneuver Short Range Air Defense) is the Army's most urgent

### air and missile defense priority. At \$3.2 **IBCS** billion, this is the heaviest investment The IBCS (Integrated Air & Missile in any single initiative from Gen. Milley's

## toward the US, the M-SHORAD has been flagged as an immediate action point.

M-SHORAD

**Pacific Radar** The newest development here is the implementation of Pacific discriminating

radar. Two additional radars in the Pacfic

will be used for disciminating long range

Hawaii radar is scheduled for 2023, and an additional radar is to be deployed by

this to 57 by the end of FY2023.

satellite in 2023.

event not to be missed!

VIEW SESSION

COL Philip Rottenborn

Project Manager IAMD PEO

Missiles and Space

**US Army** 

missile threats to the homeland. The

2024 in an undisclosed location.

Big Six Modernization goals. In light of

Russia's increasingly aggressive attitude

Program (FYDP).

**Program** 

Radar Requests Radar requests will total about **\$2.5** billion, to be dispersed over the course of the Future Years Defense

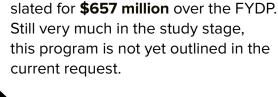
Defense Command System) is the

second most expensive line item

request. IBCS is intended to share

from the entire DOD FY 2019 budget

targeting data among Patriot, THAAD.



**Hypersonic Defense** 

The Hypersonic Defense Program is

For FY2019, the USA Navy proposes \$1,711.8 million to go towards procurement and R&D funding for Aegis BMD. Included in this will be two new Aegis Ashore sites in Poland and Romania. In total, the goal is to have 41 Aegis ships by the end of FY2019, with plans to increase

## The United States Air Force recently awarded Lockheed Martin for the first three satellites in the Next Generation Overhead Persistent Infrared program (Next Gen OPIR). The overarching

goal of this program is to give the service improved missile detection capability. The award is valued up to \$2.9 billion, with the expectation that the USAF will launch the first Next Gen OPIR

**US AIR FORCE** 

**US NAVY** 

**INTERESTED IN LEARNING MORE?** 

Join us this November 28-30th in Washington, D.C. for the

AIR & MISSILE DEFENSE



### This year's event will address multi-domain solutions for IAMD through detection, communication, and interception. Points of focus include the Futures Command, cost efficiencies, and new procurement strategies, in addition to a host of other topics to be discussed. This is an

**INTEGRATED** 

SPEAKER SNAPSHOT

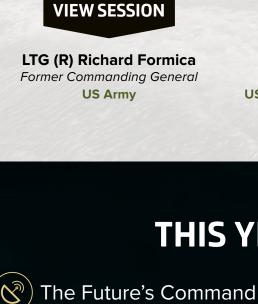
VIEW SESSION

**Colonel Chad Skaggs** 

Chief of Air and Missile Defense

Integration US Army Space and

Missile Defense Command **US Army** 



Interception



**VIEW SESSION** 



**VIEW SESSION** 

**Rob Thompson** 

Subject Matter Expert &

Co-Founder

**CUAS** Coalition

### Threats: North Korea, Russia SHORAD and M-SHORAD and China Detection, Communication, and

REGISTER **AGENDA** 

Overcoming the capacity issue

Counter UAVs and drones

https://www.mda.mil/global/documents/pdf/budgetfy19.pdf

**SPONSOR** 

Next Generation IAMD

General Milley's Big Six Modernization Goals

New defense system

technologies

Systems

Solutions like Directed Energy

**REGISTER TODAY!** 

www.AirMissileDefenseEvent.com • 1-800-882-8684 • idga@idga.org

# **SOURCES**

https://breakingdefense.com/2018/03/army-accelerates-air-missile-defense-five-years-mshorad-mml-lasers/ https://breakingdefense.com/2018/05/army-needs-2b-a-year-more-for-big-six-52-for-air-missile-defense/ https://csis-prod.s3.amazonaws.com/s3fs-public/publication/180627\_Karako\_2019MissileDefenseBudget. pdf?nxMj04EWB0KpwEftDpnmTE4WaEZRttiX

# https://www.everycrsreport.com/reports/RL33745.html