Welcome to the MDA Public Meeting

We invite the community to learn more about the proposed Continental United States (CONUS) Interceptor Site (CIS) and the Environmental Impact Statement (EIS).

- Review project and proposed actions
- Ask questions and interact with subject-matter experts
- Provide valuable input
- Submit written comments or provide oral comments to a court recorder
- Sign up to receive additional information about the project

Written comments may be submitted to:
Email: MDA.CIS.EIS@BV.COM
Fax: (913) 458-1091
Mail: Black & Veatch Special Projects Corp
ATTN: MDA CIS EIS
6601 College Boulevard
Overland Park, KS 66211-1504

All comments must be postmarked by 15 Sept. 2014
Cooperating Agencies

Fort Drum
Fort Drum, NY

Center for Security Forces Detachment
Kittery Survival, Evasion, Resistance,
and Escape Facility (SERE East)
Redington Township, ME

Fort Custer Training Center
Michigan Army National Guard
Augusta, MI

Camp Ravenna Joint Military Training Center
Ohio Army National Guard
Portage and Trumbull Counties, OH
FY13 National Defense Authorization Act Section 227(b)

(a) EVALUATION. Not later than December 31, 2013, the Secretary of Defense shall conduct a study to evaluate at least three possible additional locations in the United States, selected by the Director of the Missile Defense Agency, that would be best suited for future deployment of an interceptor capable of protecting the homeland against threats from nations such as North Korea and Iran. At least two of such locations shall be on the East Coast of the United States.

(b) ENVIRONMENTAL IMPACT STATEMENT REQUIRED. Except as provided by subsection (c), the Secretary shall prepare an environmental impact statement in accordance with the National Environmental Policy Act of 1969 (42 U.S.C. et seq.) for the locations the Secretary evaluates under subsection (a).

Pursuant to Congressional direction to complete an Environmental Impact Statement (EIS) for a potential additional missile defense site in the continental United States, the Missile Defense Agency completed an extensive evaluation of sites announced by the Department of Defense in September, 2013.

The Department of Defense has not made a decision to deploy or construct the CIS.
MDA Siting Process

Performance Region Area of Consideration

Identify Locations in Performance Region
Apply Exclusionary Criteria
Identify Potentially Viable Locations

Area Narrowing

Apply Screening Criteria
Desk-Top Evaluation
Score and Rank-Order Locations

Screening Evaluation

Apply Evaluative Criteria
Conduct On-Site Evaluations
Score and Rank-Order Locations

Location Evaluation

SITING STUDY

Objective Comprehensive Defensible

Requirement Definition

Approved for Public Release 14-MDA-7913 (15 July 14)

www.mda.mil/about/enviro_cis.html
Locations Under Consideration in EIS*

- Fort Custer Training Center (FCTC) – Michigan Army National Guard, Augusta, Michigan;
- Camp Ravenna Joint Military Training Center (CRJMT) – Ohio Army National Guard, Portage and Trumbull Counties, Ohio;
- Fort Drum (FTD), Fort Drum, New York; and
- Center for Security Forces Detachment Kittery Survival, Evasion, Resistance, and Escape Facility (SERE East), Redington Township, ME

*No preferred site has been selected
Ballistic Missile Defense System

- **Range (km)**
  - 0: Short Range Ballistic Missile (SRBM)
  - 1,000: Medium Range Ballistic Missile (MRBM)
  - 3,000: Intermediate-Range Ballistic Missile (IRBM)
  - 5,500: Intercontinental Ballistic Missile (ICBM)
  - ≈10,000

**Threats**
- Ground-Based Midcourse Defense (GMD)
- BMDS Systems (Current)
- BMDS Systems (Future)

**Legend**
- Blue: GMD Capability (Current)
- Black: BMDS Systems (Current)
- Gray: BMDS Systems (Future)

- **Midcourse**
  - Aegis BMD
  - Patriot Advanced Capacity-3 (PAC-3)

- **Terminal**
  - THAAD

**Key Points**
- Thousands Built, Widely Available
- Commonly Land-Launched
- Many Exist in Third World
- More on the Way
- A Few Exist in Third World
How Missile Defense Works
About Ground Based Interceptor (GBI)

Ground-based Interceptor

- 55 feet long, 4.2 feet in diameter, 22-27 tons
- Solid propellant
- No explosive element (hit-to-kill)

Fort Greely, AK Missile Defense Site

Transporting GBI to Silo
Silo Interface Vault Transport
Silo Transport
Missile Transport
GBI Placement into Silo
Emplacement of Silo

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The National Environmental Policy Act (NEPA) requires Federal agencies to consider environmental impacts of proposed actions and provide the public opportunities to comment.

MDA will:
- Gather information about current environmental quality;
- Conduct studies, surveys, research to analyze impacts of project to environment; and
- Prepare Environmental Impact Statement, detailing the potential impact of proposed construction and operations.

MDA is aware of the importance of environmental resources and local cultural and archaeological resources; we will work to minimize the impact of construction.
Community Resources to be Analyzed

- Recreational Impacts
  - Safety
  - Quality of Life

- Utility Requirements
  - Availability and Cost of Civilian Housing
  - Noise

- Labor-related Issues
  - Population Increase and Associated Effects
  - Traffic Impacts

- Hazardous Materials Management
  - Hazardous Waste Management

- Land Use
  - Visual and Aesthetic
  - Transportation

- Additional Areas Identified in Scoping Process

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EIS will evaluate the impact of:

- Construction
  - Up to 60 Ground-based Interceptors and silos
  - Mission Facilities (i.e., interceptor fields)
  - Mission Support Facilities (i.e., missile assembly building, interceptor storage)
  - Non-Mission Facilities (i.e., offices, warehousing)
  - Living quarters, dining, schools, etc… if not available in immediate area
  - Off-site utilities and infrastructure
- Transportation routes
- Relocation or removal of on-base facilities, if necessary
- Decommissioning and disposal of components at end of life cycle
- Temporary housing and other facilities for construction workers
- CIS day-to-day operations
- No Action Alternative: no deployment of CIS
• Missiles would not be fired from their deployment site except in the nation’s defense
• No test firing would be conducted
• Quality of life for soldiers and civilians
• Access to medical care and emergency services
• Limit construction disruption and contain costs
• Limit utility, road and support service needs
• Maximize use of existing facilities
• Use of local economy
  – Construction jobs
  – Permanent military, civilian and contractor personnel
Notional CIS Layout -
60 Silo Baseline Design
Total Acreage: 1,338

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<td>EKV Fuel Tank Storage</td>
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<td>EKV Oxidizer Tank Storage</td>
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<td>23</td>
<td>20-Pack Interceptor Field</td>
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LEGEND
- Notional Boundary
- Structure
- Fence

Photographs of Facilities at Fort Greely, AK

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Alternatives Considered in the EIS

Camp Ravenna Joint Military Training Center - Potential CIS Layout

Fort Custer Training Center - Potential CIS Layout

Fort Drum - Potential CIS Layout

SERE East - Potential CIS Layout

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• Two possible construction methods for silos
• GBIs would be transported from Akron/Canton Regional Airport or Youngstown Air Reserve Station via public roads
Environmental Data for Proposed Site Location

Existing Installation Data
- Threatened and Endangered Species (Bat Survey)
- Water Quality
- Flora & Fauna Inventory
- Bald Eagle Nest
- Forest Inventory
- Cultural Resources
- USGS Watershed Inventory
- Breeding Birds Inventory

Current Survey Efforts
- Cultural Resources (450 acres)
- Geology and Soil
- Noise
- Visual
- Wetlands (2,080 acres)
• Missile defense components and facilities would be located at multiple sites to accommodate terrain

• Redington Road from Highway 16 to entrance of SERE would be upgraded to asphalt

• All living and working facilities would be constructed onsite

• GBIs would be transported from Bangor International Airport by public roads

• SIV/SILO transportation may require road upgrades from Augusta to Rangeley (i.e., Route 27 and Route 4)
Environmental Data for Proposed Site Location

Existing Installation Data
• Cultural Resources
• Wetlands and Groundwater
• Flora and Fauna, including Threatened, Endangered and Special Concern Species
• Significant Wildlife Habitat
• Forest Resources

Current Survey Efforts
• Bird & Bat Acoustic Monitoring (7,400 acres)
• Vernal Pool Survey (500 acres)
• High Elevation Bird Survey (400 acres)
• Archaeological Survey (5,700 acres)
• Cultural Affiliation Study
• Forest Inventory (5,700 acres)
• Wetland Delineation (5,700 acres)
• Geotechnical Survey
• Noise Assessment
• Visual Assessment
• Two potential deployment sites (only one would be selected)
• Both sites would use common Mission Support Facilities
• Potential for State Road 3A to be closed or relocated if Option 2 is selected
• Wheeler-Sack Army Airfield would be used to transport GBIs
Environmental Data for Proposed Site Location

**Existing Installation Data**
- Bat Survey
- Wetlands and Groundwater
- Flora and Fauna, including Threatened, Endangered and Special Concern Species
- Significant Wildlife Habitat
- Forest Resources

**Current Survey Efforts**
- Cultural Resources
- Geotechnical
- Noise Assessment
- Visual Assessment
- Wetland Assessment
Two potential deployment sites (only one would be selected)

Both sites would use common Mission Support Facilities

Facilities at W.K. Kellogg ANGB would be considered for potential reuse

W.K. Kellogg Airport would be used to transport GBIs to Fort Custer
Environmental Data for Proposed Site Location

Existing Installation Data
- Wetlands and Groundwater
- Flora and Fauna, including Threatened, Endangered and Special Concern Species
- Significant Wildlife Habitat
- Forest Resources

Current Survey Efforts
- Butterfly Survey (120 acres)
- Wetlands Delineation (7,400 acres)
- Bat Survey (7,400 acres)
- Cultural Resources
- Geotechnical
- Noise Assessment
- Visual Assessment