



LONG RANGE DISCRIMINATION RADAR OPERATIONS, CLEAR AIR FORCE STATION, ALASKA, ENVIRONMENTAL IMPACT STATEMENT ONLINE OPEN HOUSE

WELCOME

ONLINE OPEN HOUSE PURPOSE:

To solicit comments on the Long Range Discrimination Radar Operations, Clear Air Force Station, Alaska Draft Environmental Impact Statement

Cooperating Agencies



DAF



FAA



LONG RANGE DISCRIMINATION RADAR OPERATIONS, CLEAR AIR FORCE STATION, ALASKA, ENVIRONMENTAL IMPACT STATEMENT **ABOUT MISSILE DEFENSE AGENCY**

MISSION:

The mission of the Missile Defense Agency is to develop and deploy a layered Missile Defense System to defend the United States and its deployed forces, allies, and friends from missile attacks of all ranges and in all phases of flight.



MISSILE DEFENSE CAPABILITY GLOBALLY DEPLOYED



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ALASKA, ENVIRONMENTAL IMPACT STATEMENT

MISSILE DEFENSE AGENCY PRIORITIES

Support the Warfighter

Augment Service Readiness, Logistics Support, Training,
and Lifecycle Sustainment



Develop and Deliver the Missile Defense System

Focus on Increasing Lethality, Building Out Missile Defense
Force Structure, and Deploying Credible Deterrence



Outpace the Evolving Threat

Develop Architectures that Challenge Adversary
Capabilities, Quickly Mature Promising Technologies,
Deliver with Speed



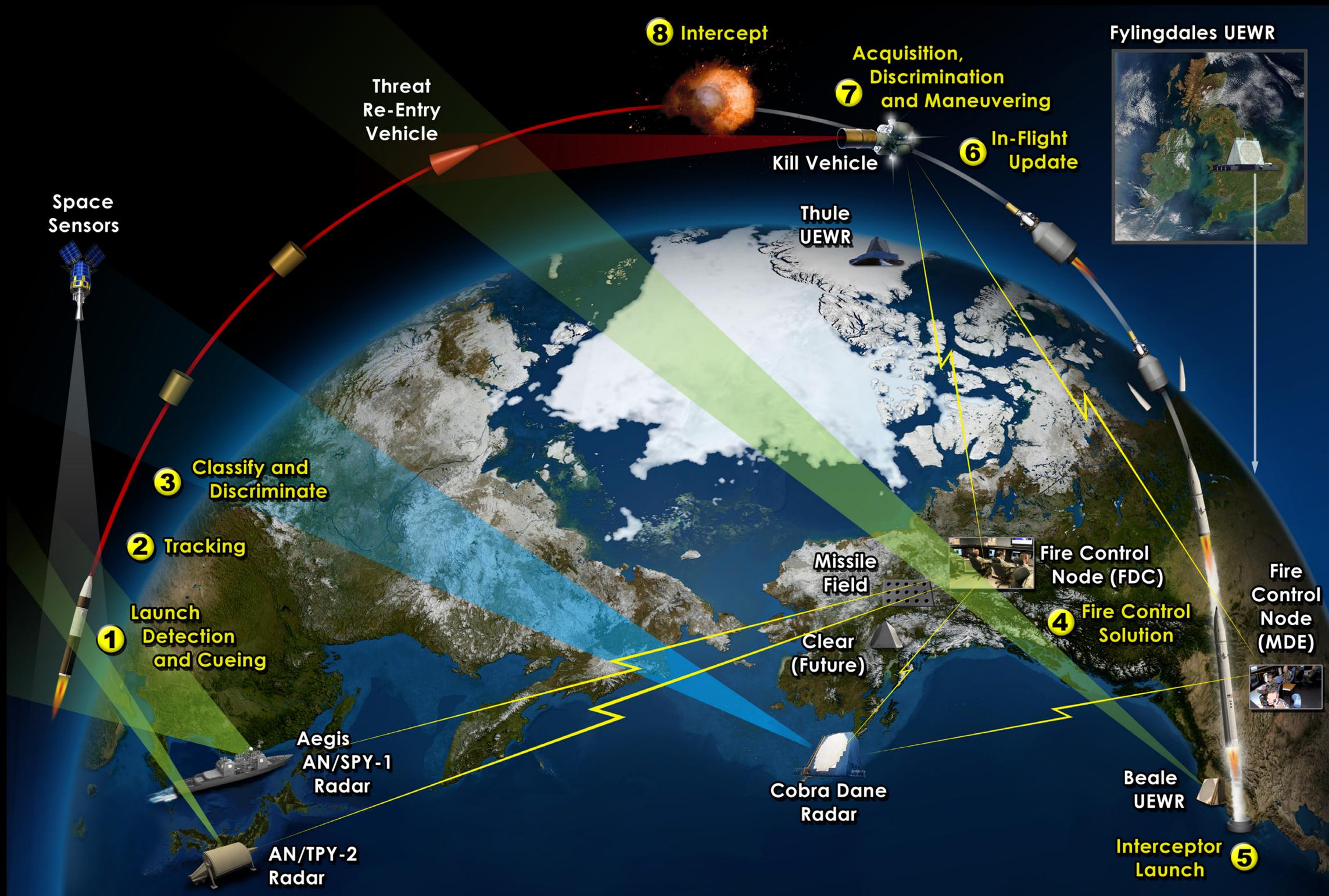
“A robust and credible layered Missile Defense System paired with our conventional and nuclear force capabilities provides the ability to deter strategic attacks, deny benefits, and impose costs against any potential adversary.”

Admiral Charles A. Richard, U.S. Strategic Command



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HOW MISSILE DEFENSE WORKS



ACRONYM KEY

AN/SPY-1: Army Navy Ship-based Surveillance Radar
AN/TPY-2: Army Navy Transportable Radar Surveillance

FDC: Fire Distribution Center
MDE: Major Defense Equipment

UEWR: Upgraded Early Warning Radar



**LONG RANGE DISCRIMINATION RADAR OPERATIONS, CLEAR AIR FORCE STATION,
ALASKA, ENVIRONMENTAL IMPACT STATEMENT**

WHY IS THE LRDR NEEDED?

THE WHAT

The 2014 and 2016 National Defense Authorization Acts directed MDA to deploy an LRDR system to support the defense of the U.S. from emerging threats through improved missile tracking and discrimination capabilities.

THE WHY

Provide continuous and precise tracking and discrimination of missile threats launched against the U.S.

ACRONYM KEY

LRDR: Long Range Discrimination Radar **MDA:** Missile Defense Agency



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PURPOSE AND NEED



The purpose for the Proposed Action includes:

- supporting the defense of the U.S. from emerging threats through improved missile tracking and discrimination by integrating the LRDR as an operational asset into the layered MDS, and
- making changes in airspace management to accommodate the operation of the LRDR

The Proposed Action is needed to protect the U.S. against long-range missile threats, as directed in the 2014 Fiscal Year and 2016 Fiscal Year NDAA, and to protect aviation from the hazard posed by the HIRF resulting from the LRDR.

ACRONYM KEY

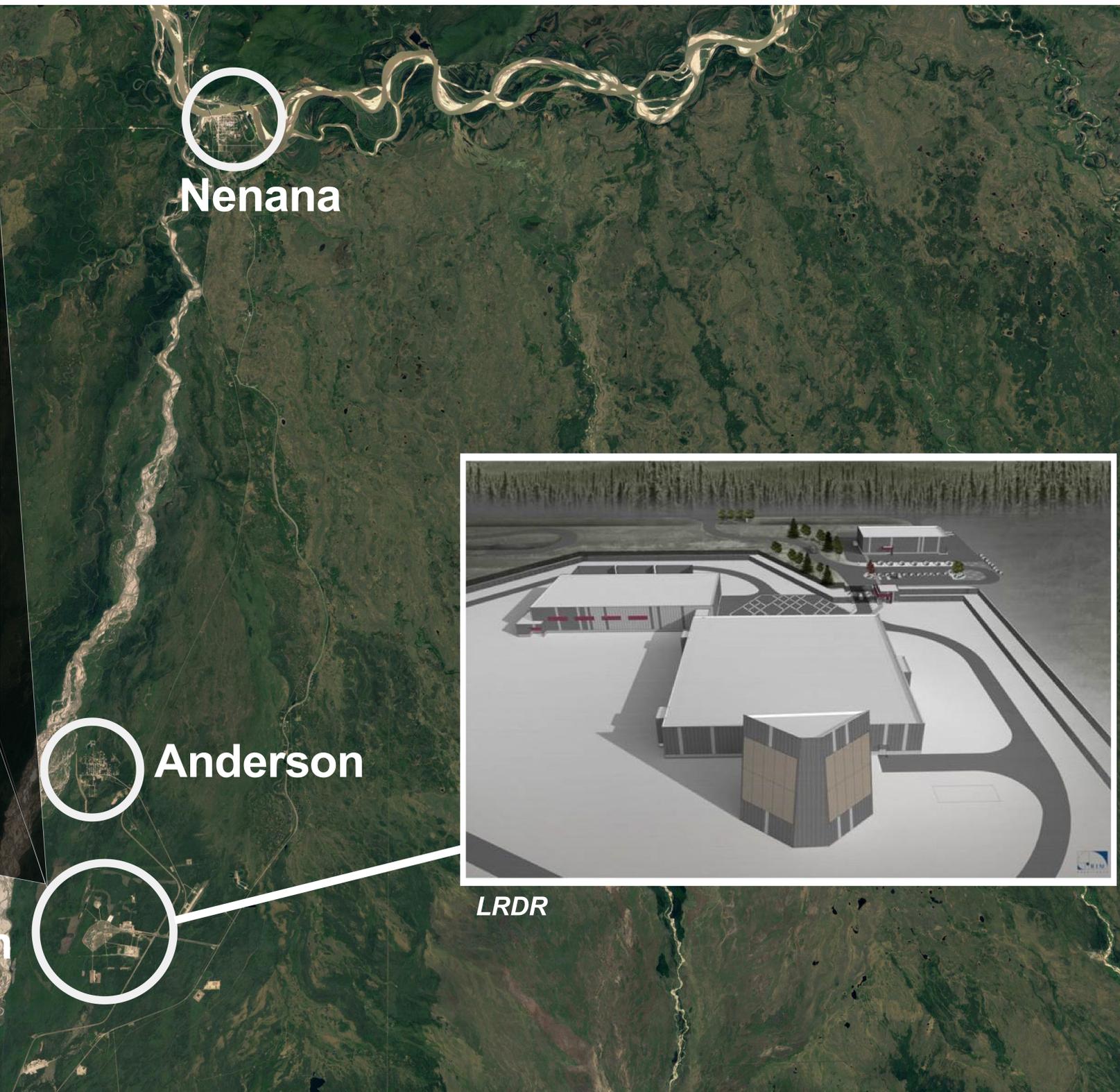
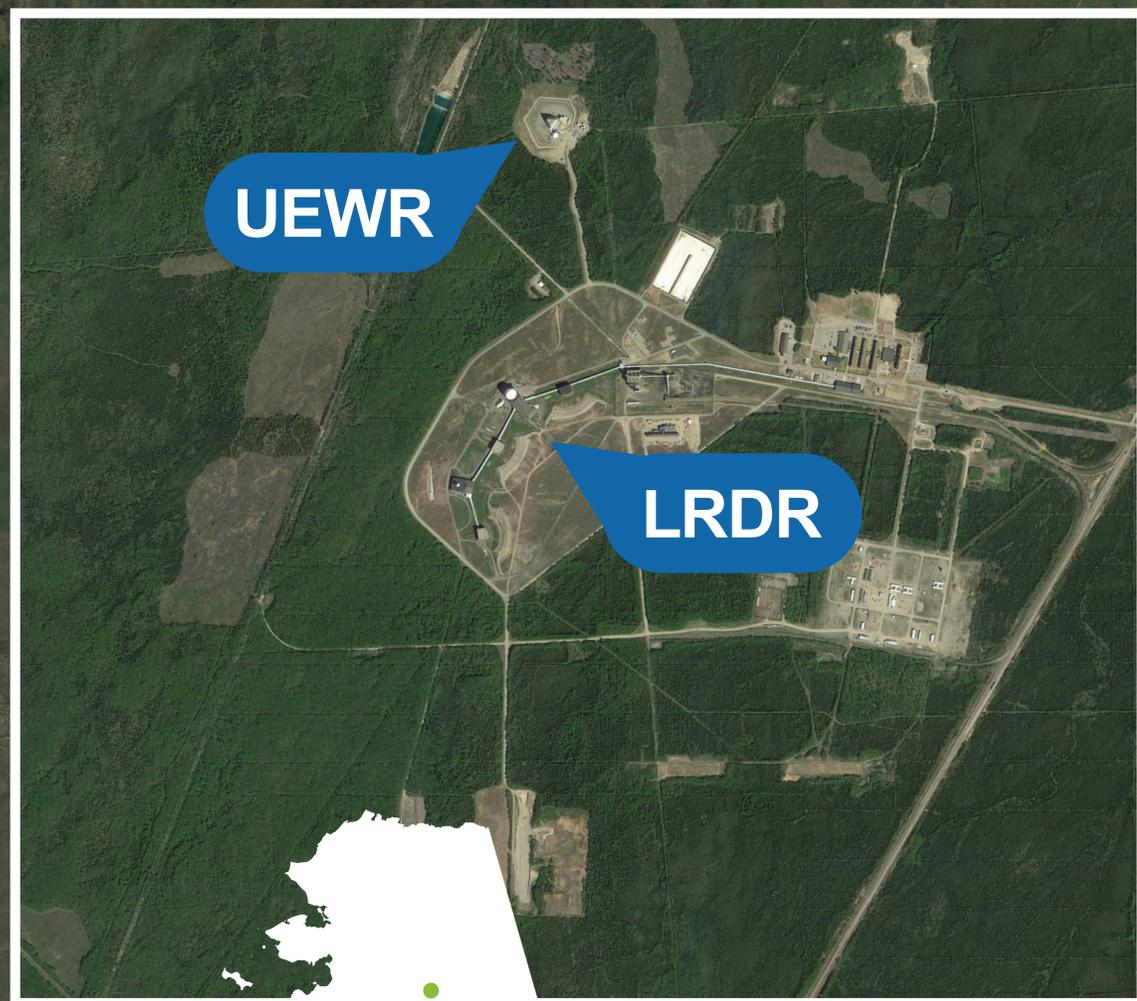
HIRF: High Intensity Radiated Fields
LRDR: Long Range Discrimination Radar

MDS: Missile Defense System
NDAA: National Defense Authorization Act



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PROJECT LOCATION



Clear Air Force Station

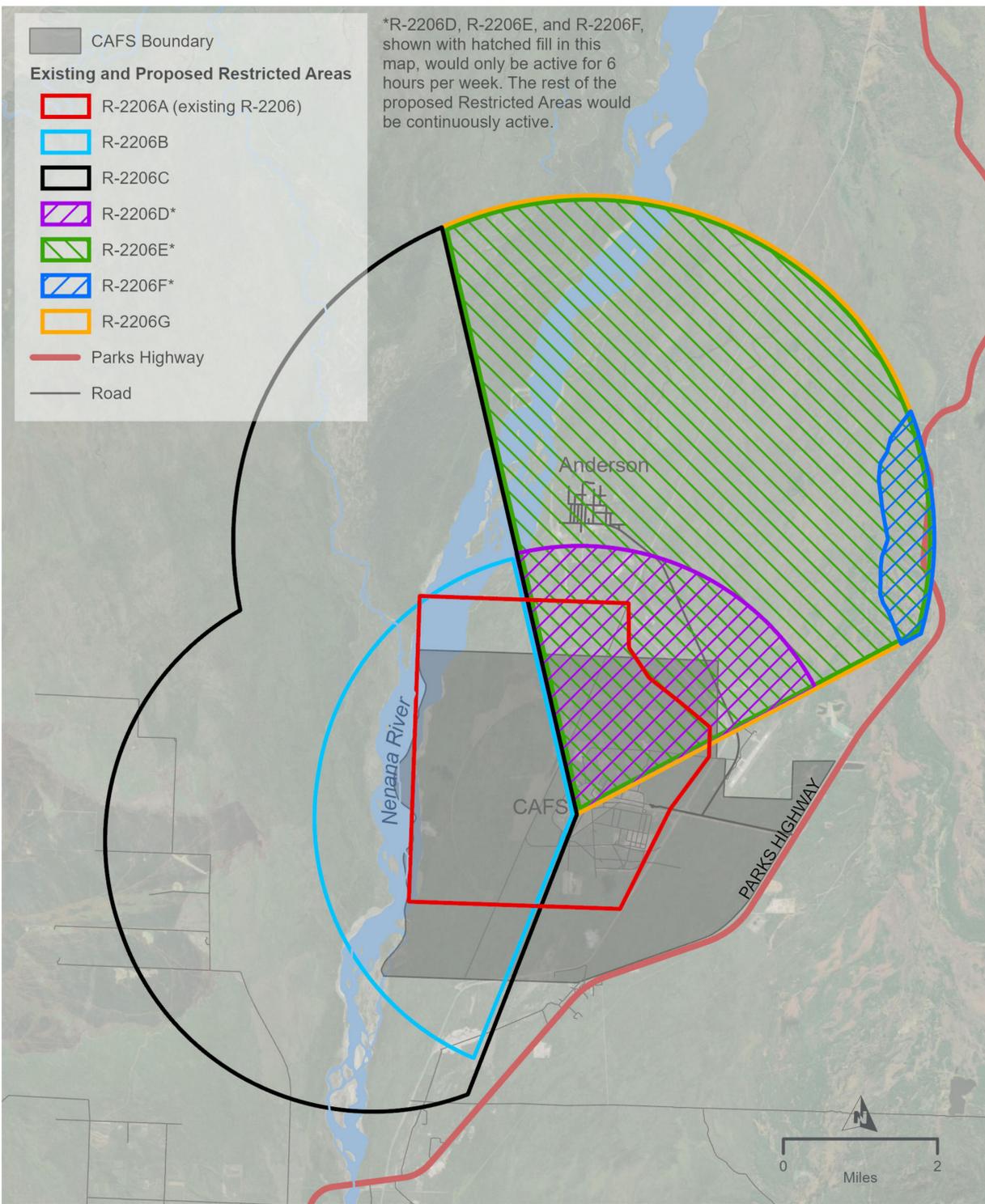
ACRONYM KEY

LRDR: Long Range Discrimination Radar UEWR: Upgraded Early Warning Radar



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PROPOSED ACTION



The Proposed Action is for MDA to operate the LRDR continuously under the changed operational concept and for FAA to take associated actions related to restricting flight of aircraft.

ACRONYM KEY

FAA: Federal Aviation Administration

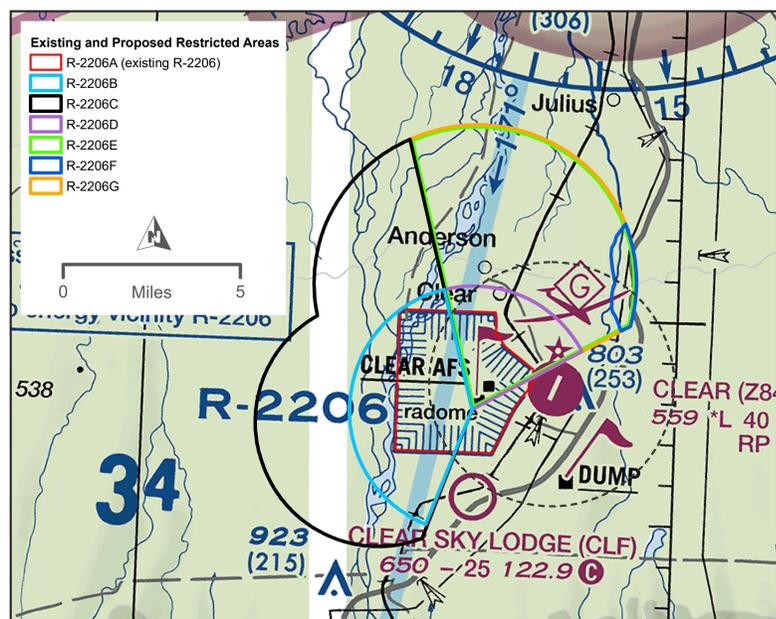
LRDR: Long Range Discrimination Radar

MDA: Missile Defense Agency



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PROPOSED RESTRICTED AREAS

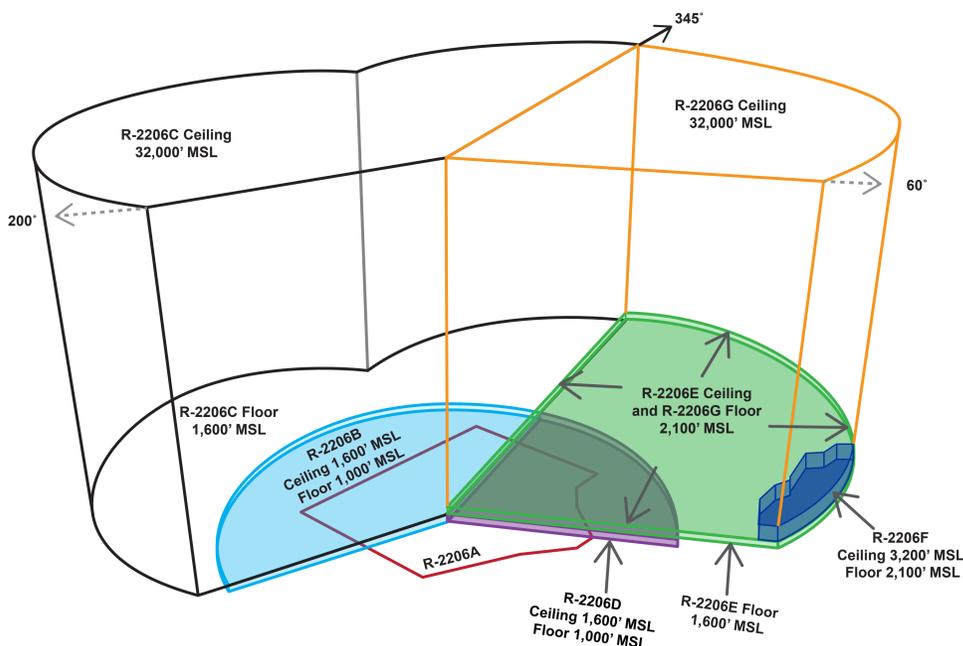


The FAA would establish six additional Restricted Areas in airspace where HIRF resulting from LRDR operations would exceed FAA certification standards for aircraft electrical and electronic systems.

The proposed Restricted Areas R-2206A (existing R-2206, red), R-2206B (light blue), R-2206C (outlined in black), and R-2206G (outlined in orange) would operate continuously. R-2206D (purple), R-2206E (green), and R-2206F (dark blue) would be active only during:

- Prescheduled maintenance or calibration activities every Tuesday, Thursday, and Saturday for a 2-hour period beginning at 2:00 a.m. and ending at 4:00 a.m. local Alaska time;
- Prescheduled test or tracking events with notice provided via Notice to Airmen (NOTAM); and
- As necessary in response to a national security crisis

During these times, provisions would be in place to allow access by emergency aircraft and medical evacuation flights into and out of Clear Airport. The emergency access process would be defined in a Letter of Procedure coordinated between MDA, CAFS, DAF, and FAA.



ACRONYM KEY

CAFS: Clear Air Force Station

DAF: Department of the Air Force

FAA: Federal Aviation Administration

HIRF: High Intensity Radiated Fields

LRDR: Long Range Discrimination Radar

MDA: Missile Defense Agency

MSL: Mean Sea Level



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NATIONAL ENVIRONMENTAL POLICY ACT

NEPA is a U.S. law that requires federal agencies to identify and analyze the potential environmental impacts of a proposed action before deciding whether to proceed with that action.

The Proposed Action is a federal action subject to the requirements of NEPA. The Missile Defense Agency, in cooperation with the Department of the Air Force and the Federal Aviation Administration, prepared this Draft Environmental Impact Statement to evaluate alternatives; identify and evaluate potential environmental impacts; describe any appropriate mitigation measures or other commitments; and communicate the findings to agency decision makers, regulators, the general public, and stakeholder groups.





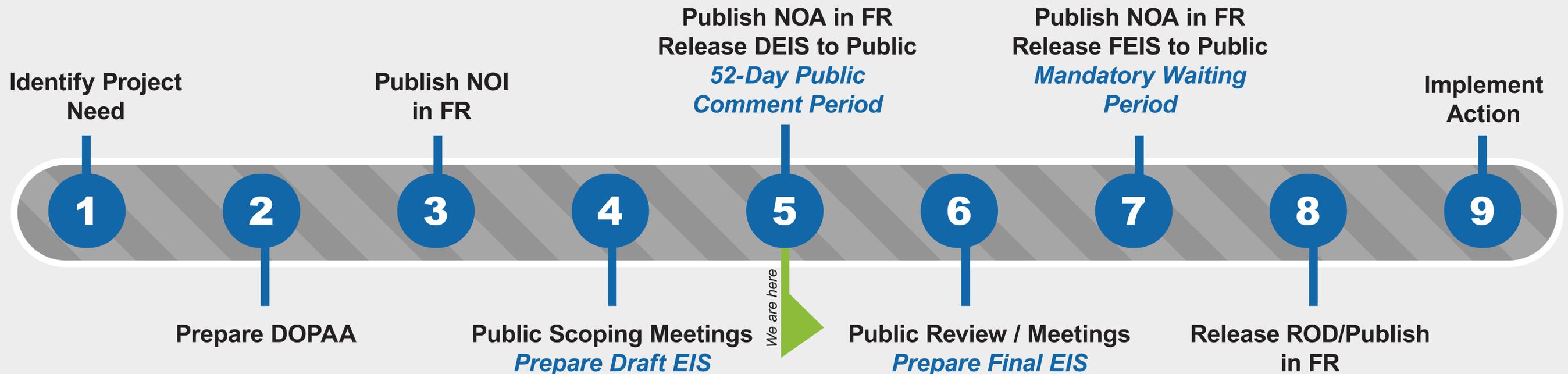
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THE EIS PROCESS

MDA has:

- Gathered information about current environmental conditions relating to the Proposed Action.
- Analyzed potential impacts from the Proposed Action.
- Prepared the Draft EIS.
- Communicated with stakeholder groups, community and local leaders, congressional delegations, state and local agencies, Alaska Native organizations, and tribal entities.
- Is now soliciting public comments on the Draft EIS.

LRDR EIS STEPS



ACRONYM KEY

DEIS: Draft Environmental Impact Statement
DOPAA: Description of Proposed Action and Alternatives
EIS: Environmental Impact Statement

FEIS: Final Environmental Impact Statement
FR: Federal Register
NOA: Notice of Availability

NOI: Notice of Intent
ROD: Record of Decision



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DRAFT EIS SUMMARY OF IMPACTS AND MITIGATION

The Proposed Action was designed to minimize impacts on the environment and aviation, although the Civil Air Patrol Glider Academy would need to be relocated. None of the impacts identified in the environmental analysis would reach a level that would necessitate mitigation.

ENVIRONMENTAL CATEGORY	CONTINUOUS OPERATION OF LRDR	*INTERIM PHASE	RESTRICTED AREAS AND RELATED ACTIONS
Airspace Management	Permanent, negligible to minor adverse	Short-term, negligible to minor adverse	Permanent, negligible to minor adverse
Air Quality	No impact	Short-term, negligible adverse	Permanent, negligible adverse
Biological Resources	Permanent, negligible adverse	Short-term, negligible adverse	Permanent, negligible adverse
Climate	No impact	Short-term, negligible adverse	Permanent, negligible adverse
Hazardous Materials, Solid Waste, and Pollution Prevention	Permanent, negligible adverse	No impact	No impact
Historical, Architectural, Archaeological, and Cultural Resources	No impact	No impact	No impact
Land Use	No impact	Short-term, negligible adverse	Permanent, negligible adverse
Natural Resources and Energy Supply	Permanent, negligible adverse	Short-term, negligible adverse	Permanent, negligible adverse
Noise and Compatible Land Use	No impact	Short-term, negligible adverse	Permanent, negligible adverse
Safety	No impact	Short-term, negligible adverse	Permanent, negligible adverse
Socioeconomics and Environmental Justice	No impact	Socioeconomics: Short-term, negligible to minor adverse ⁽¹⁾ Environmental Justice: No impact	Socioeconomics: Permanent, negligible to minor adverse ⁽¹⁾ Environmental Justice: No impact
Subsistence	No impact	Short-term, negligible adverse	Permanent, negligible adverse
Visual Effects	No impact	Short-term, negligible adverse	Permanent, negligible adverse
Water Resources	No impact	No impact	No impact
Cumulative Impacts	No impact	Short-term, negligible to minor, adverse cumulative	Permanent, negligible to minor, adverse cumulative

(1) Represents the overall impact to socioeconomics. Impacts on the CAP Glider Academy would be moderate.

* The "Interim Phase" refers to the portion of the Proposed Action where, in the event that continuous Long Range Discrimination Radar operations begin before the proposed Restricted Areas are established, the Federal Aviation Administration would temporarily restrict flight in the same airspace and with the same times of use as for the proposed Restricted Areas.



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INPUT AND COMMENTS



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Online Open House:

October 30 through
December 21, 2020 at
www.cleareis.com



Voice Mail:

256-450-1599



Fax:

907-644-2022



Telephone Public Meeting:

Wednesday, December 2, 2020
4:00 p.m. to 6:00 p.m. AKST
Dial 855-756-7520 and use Access Code 65743

Comment Period: October 30 through December 21, 2020

For additional project information, visit:

<https://www.mda.mil/system/lrdr>