

# LRDR ALASKA UPDATE

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## Ceremony Tops Off Long Range Discrimination Radar (LRDR) Construction Milestone in Moorestown, New Jersey



Representatives from the Lockheed Martin LRDR team and construction partner Amec Foster Wheeler stand behind their signatures on the final beam of the LRDR Integration Site.

Lockheed Martin is developing advanced technologies and capabilities for the Long Range Discrimination Radar (LRDR) to meet the needs of its customers. LRDR leadership and community partners hosted supplier and technology discussions to foster dialogue and promote continued collaboration. Highly-skilled workers, strong values, innovation are the common driving force to our success. Partners on this project include ASRC – Federal,

Fairbanks Economic Development Council, University of Alaska, Fairbanks and local Alaska community.

The LRDR program is the backbone of the Missile Defense Agency's layered defense strategy to protect the U.S. homeland from ballistic missile attack. LRDR is a long range radar that will provide precision metric data to improve ballistic defense discrimination. LRDR will keep pace with evolving threats and increase the effectiveness of ground based interceptors.

A Lockheed Martin team and representatives from the Geophysical Institute at the University of Alaska, Fairbanks are discussing common research interests. Possible areas of collaboration include high-altitude atmospheric studies, air traffic monitoring and enhanced navigation for safety and search-and-rescue operations, high-speed wireless data communication and seismic monitoring. The research facilities available at the University of Alaska Fairbanks, such as the Poker Flat Research Range, offer compelling opportunities for future joint projects.

Additionally, Lockheed Martin is working with the university's Career Services to identify candidates for internships in Moorestown, N.J., in the areas of radar engineering and civil engineering / facilities.

### Sept. 2016 – Construction Begins



The LRDR Integration site at Lockheed Martin's Moorestown, N.J., campus is a scaled version of the radar that will be operational in Clear, Alaska, in 2020.

The facility will be used to test the hardware and mitigate risk. The team continues to meet all milestones on the schedule.

### Oct. 2016 – Exterior Nears Completion



All photos courtesy of Lockheed Martin Corporation