



Fact Sheet

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Aegis Ashore

Aegis Ashore is a land-based Aegis Ballistic Missile Defense (BMD) System designed to address regional ballistic missile threats. The deckhouse and launchers — designed to be nearly identical to the version installed aboard U.S. Navy destroyers and cruisers — are equipped with the Aegis BMD Weapon System and Standard Missile-3 (SM-3).

Aegis Ashore is part of the European Phased Adaptive Approach (EPAA) Phases II and III.



Development

- Uses similar combat system elements (AN/SPY-1 Radar, Command, Control, Communications, Computers and Intelligence systems, Vertical Launching System, computer processors, display system, power supplies and cooling) that are used aboard the Navy's new construction Aegis BMD Destroyers.
- Demonstrates capability through flight tests at the Aegis Ashore Missile Defense Test Complex at the Pacific Missile Range Facility (PMRF) in Kauai, Hawaii. Each test increases the operational realism and complexity of targets and scenarios and is witnessed by Navy and Department of Defense test agents.
- Integrates advances in sensor technology such as the ability to launch an SM-3 missile in response to remote sensor data.
- Desigend to defeat short- to intermediate-range ballistic missile threats.
- Incorporates future capability upgrades as they're developed for the Navy's new construction combatants.

Aegis Ashore Missile Defense Test Complex (AAMDTC)

- The AAMDTC at the PMRF is a test and evaluation center used in the development of Aegis Ashore. The test complex leverages the Aegis BMD Weapon System and the SM-3 Block IB missile for EPAA Phase II deployment, and supports deployment decisions and upgrades of future capabilities.
- The AAMDTC launched the first land-based SM-3 Block IB missile in May 2014.

Deployment

- The Aegis Ashore site in Romania was certified operational in May 2016 as part of the EPAA Phase II. This deployed capability will use Aegis B/L 9.B1 (BMD 5.0 CU) and SM-3 Block IB to provide ballistic missile coverage of southern Europe.
- In 2018 Aegis Ashore will be installed in Poland as part of EPAA Phase III. This deployed capability will use Aegis Baseline (B/L) 9.B2 (BMD 5.1) and SM-3 Blocks IB and IIA to support additional defense of Europe.
- In support of EPAA Phase III, the Romania site will be upgraded to B/L 9.B2 (BMD 5.1).

Future Capabilities

- MDA plans to expand the effective defendable area by introducing faster, longer range SM-3 Block IIA interceptors