

USS Pinckney Begins Second Depot Modernization Period Under DDG MOD 2.0 Program



WASHINGTON, D.C. – The Arleigh Burke-class guided missile destroyer USS Pinckney (DDG 91) has commenced the second phase of upgrades under the Destroyer Modernization 2.0 (DDG MOD 2.0) program in a Depot Modernization Period (DMP) at General Dynamics NASSCO in San Diego.

This availability represents a transformative move for surface fleet lethality, benchmarking the U.S. Navy's first installation of both the SPY-6(V)4 radar and High Efficiency Super-Capacity (HESC) air conditioning plants.

“The collective effort by all stakeholders has finally brought us to the point of execution. Upon Depot Modernization Period completion, USS Pinckney will rejoin the Fleet equipped with

the most comprehensive multi-spectral integrated sensor suite designed to maintain maritime superiority for decades to come.” said Capt. Tim Moore, program manager, DDG MOD 2.0.

As a strategic initiative to build institutional learning across industry partners, DDG MOD 2.0 implemented an innovative Split Start approach enabling phased installations to maximize learning. USS Pinckney previously completed a 1.5 DMP availability in 2024, the first warship to receive the SLQ-32(V)7 Surface Electronic Warfare Improvement Program (SEWIP) and sponson modifications. Following that availability, USS Pinckney executed a deployment to the Pacific and Middle East areas of operation, validating advanced warfare capabilities in contested operational environments before returning home.

The DMP2 availability is focused on the installation of the SPY-6(V)4 radar. Fully integrated with Aegis Combat System Baseline 10, the system delivers substantial improvements. To support the significant electrical and thermal needs of these next-generation combat systems, the DMP2 availability also integrates the Navy’s new HESC air conditioning plants.

The Portfolio Acquisition Executive (PAE) for Maritime is the single accountable organization for delivering surface ships for the U.S. Navy. This centralized organizational construct will empower leaders with broader scope and greater authority to accelerate delivery of combat capability and ensure acquisition speed and discipline are driven by what the warfighter needs—when they need it.

From PAE Maritime Communications, Oct. 22, 2026