Norfolk Naval Shipyard Undocks USS John Warner



Norfolk Naval Shipyard (NNSY) successfully undocked USS John Warner (SSN 785) last month, meeting a major milestone in the Virginia-class submarine’s Extended Drydocking Selected Restricted Availability (EDSRA). (Photo by Daniel DeAngelis)
From Michael D Brayshaw, Norfolk Naval Shipyard, April 2, 2026

Norfolk Naval Shipyard (NNSY) successfully undocked USS John Warner (SSN 785) last month, meeting a major milestone in the Virginia-class submarine’s Extended Drydocking Selected Restricted Availability (EDSRA).

During an EDSRA, the submarine is drydocked to undergo hull, propulsion system, and modernization upgrades, allowing the submarine to remain fully operational for its planned service life. Virginia-class submarines are critical vessels in maintaining national security given their operational

versatility and nuclear-powered fast attack capability.

John Warner has been a pivotal availability for the Navy as the first Virginia class Block III drydocking at any of the nation’s four public shipyards. Block III refers to the redesigned submarines procured during the third Virginia-class acquisition contract.

NNSY’s preparations for John Warner involved extensive teaming and knowledge sharing with Portsmouth Naval Shipyard and Pearl Harbor Naval Shipyard and Intermediate Maintenance Facility, having previously executed Virginia-class CNO availabilities.

“NNSY’s commitment to learn and reach out for knowledge from the other shipyards for critical work evolutions has been a major key to the success of the project,” said Charles Brock, NNSY Submarine Program Manager. “The Virginia-class shipyard community is a very close-knit group that leans in to help one another. Because this is the first Block III EDSRA for the corporation there were many opportunities where NNSY was able to share lessons learned with the other shipyards to help them as well. Additionally, the team’s drive to work all possible solutions and then execute the best one was critical.”

In a demonstration of the shipyard’s ability to adapt and overcome first-time challenges, John Warner undocked with the crew able to move back aboard, mast and periscope installation completed, and command and control system testing started, a trifecta feat not accomplished on a submarine availability at NNSY since 2001.

“The powerful collaboration between our crew and the shipyard delivered the most materially ready submarine I’ve undocked,” said Cmdr. Nicholas Tuuk, John Warner commanding officer. “This achievement allows us to now fully focus on forging a crew of master submariners, ready to execute any mission when we return to the fleet.”

Undocking with more than 95 percent of the production work complete, remaining availability work will focus on testing and crew readiness to support critical operations and sea trials.

NNSY established a Submarine Maintenance Operations Center (SMOC) Detachment in 2025 to provide timely depot-maintenance submarine deliveries back to the fleet. The SMOC assists project teams including John Warner's in resolving issues such as material and resource needs, work package modifications, and technical adjudication. By aligning resources with readiness priorities, the Navy is able to provide more available ships and submarines to defend US interests globally and support critical operations.

"Clearly identifying the project's needs and expecting a reciprocal response and commitment has been one of the key elements to the success of John Warner," said Brock. "It has kept the team and all support aligned to what was needed and when it was needed. Additionally, the team employed a process of setting aggressive goals with specific dates to steer the shipyard in the direction needed to complete these major key events."

"It's a great win for our shipyard and Navy taking such a huge step toward delivering a Virginia-class submarine back to the fleet and ready to meet the mission," said Rear Adm. Kavon Hakimzadeh, shipyard commander. "I thank everyone for their efforts so far and we now rally around John Warner to urgently complete all remaining work as a committed team to return this critical asset supporting our nation's warfighting readiness."

Commissioned on Aug. 1, 2015, John Warner is the 12th Virginia-class attack submarine and the first ship bearing the name of Senator John Warner who served the Commonwealth of Virginia for three decades until his retirement in 2009. Warner also served as Chairman of the Senate Armed Services

Committee from 1999 to 2001, and again from 2003 to 2007.

As one of the largest, most historic and multifaceted shipyards in the nation, Norfolk Naval Shipyard’s mission is to repair, modernize and inactivate Navy warships and training platforms to maximize readiness and availability for fleet tasking.