



Press Release

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USS Missouri Returns From Successful Post-Shakedown Availability Five Weeks Early

From: Team Submarine Public Affairs

USS Missouri (SSN 780) successfully completed its Post-Shakedown Availability (PSA), Dec. 19, five weeks ahead of schedule, saving the U.S. Navy approximately \$1 million.

During PSA, newly commissioned ships and submarines undergo final repair and outfitting before going on their first, full-length deployment. Missouri began its PSA on Jan. 25.

“Missouri’s early completion of PSA is another outstanding result from the Virginia-class program / industry shipbuilding team,” said Rear Adm. David Johnson, program executive officer for submarines. “Missouri is ready to execute important national security missions that leverage Virginia-class submarine capabilities.”

Missouri boasts the most capable sonar, combat control, and imaging systems in the submarine force. The systems were modernized and upgraded concurrently with the boat’s other planned PSA work. The combat system provides state-of-the-practice commercial-off-the-shelf technology for processing and display applications necessary for the latest Advanced Processing Build, bringing the most capable software to the undersea battle space. Advanced Processing Builds are provided to the latest hardware baseline every even year and provide improved capability over the previous baseline.

The successful installation and testing of the advanced sonar, combat control, and imaging systems directly contributed to the submarine’s early completion of PSA and will serve as a new benchmark for future Virginia class submarines.

The accomplishment also supports the Commander, Submarine Forces objectives in "Design for Undersea Warfare" by providing additional operational availability to the submarine force.

“The team did an outstanding job modernizing the submarine in record time,” said Rear Adm. (sel) Michael Jabaley, Virginia-class program manager. “Missouri’s successful completion of PSA is a fitting end to 2011. We have much to accomplish in 2012, but after the job done by the men and women of the Virginia-class program and our shipbuilding partners, it will be hard to surpass the very successful year that was 2011.”

Missouri’s early completion of PSA marked the final milestone for the Virginia-class in 2011, capping off a year that saw the keel laying of Pre Commissioning Unit (PCU) Minnesota (SSN 783) on May 20, the commissioning of USS California (SSN 781) on Oct. 29, the christening of PCU Mississippi (SSN 782) on Dec. 3, and the construction start on SSN 786 and SSN 787, marking the first time in 22 years that two submarines of the same class have started construction in the same year.

Virginia-class submarines are designed to dominate the world’s littoral and deep waters, while conducting anti-submarine; anti-surface ship; strike; special operation forces; intelligence, surveillance, and reconnaissance; irregular warfare; and mine warfare missions. Their inherent stealth, endurance, firepower, and sensor suite directly enable them to support five of the six Maritime Strategy core capabilities – sea control, power projection, forward presence, maritime security, and deterrence.

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