

# Current Submarine Programs

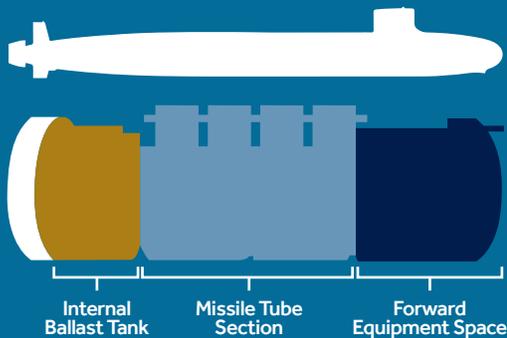


## The Virginia Class Attack Submarine Program

The Virginia Class gives the submarine force the capabilities it requires to dominate the undersea domain. Already a potent platform for strike and surveillance, the Virginia Class has been designed for modularity, making it sufficiently mission-flexible to prevail against future threats. The submarine industrial base continues its efforts to improve ship capability while reducing cost and construction time. The sustained procurement of multiple Virginia Class submarines per year is essential for the Navy to maintain undersea dominance.

## The Columbia Class Ballistic Missile Submarine Program

The Columbia Class Submarine program is the nation's next generation ballistic missile submarine (SSBN) and is the Defense Department's #1 priority. It is an every other generation investment to recapitalize the SSBN force and will deliver a **minimum of 12 submarines** to replace the current Ohio Class fleet and provide strategic deterrence into the 2080's. Construction of the first submarine officially began in October 2020 with the most mature submarine design in our Navy's shipbuilding history. The Columbia program has an aggressive construction and delivery schedule thus, it is critical to maintain full funding for the program to reduce risk of construction delays and prevent a gap in U.S. deterrent capabilities when the Ohio Class SSBNs begin to retire. The first Columbia Class SSBN is scheduled to be delivered to the Navy in 2027 to make her first strategic deterrent patrol in 2031.



## The Virginia Payload Module

Like their SSBN sister ships, Ohio Class guided missile submarines will be retired in the late 2020s leading to a significant drop off of undersea strike and payload capacity. The Navy and the submarine industrial base designed an effective and affordable solution—the Virginia Payload Module (VPM). The VPM comprises four additional large-diameter payload tubes in a new hull section inserted amidships in the existing Virginia Class submarine design. The payload tubes enable the submarine to deliver a large variety of capabilities including weapons, unmanned systems including Large Displacement Unmanned Undersea Vehicles, seabed sensors and other undersea capabilities.

## About the SIBC

Established in 1992, the Submarine Industrial Base Council seeks to educate policymakers and the public about the need to preserve the strength of the U.S. submarine force and promote the value of the submarine industrial base as a vital part of our national security. SIBC membership is open to the thousands of U.S. companies that provide critical materials to the U.S. submarine programs under development or in production. Member businesses range from the smallest specialty shops to manufacturers of main propulsion equipment.