

Submarines FY2020

When the average person sees an aircraft or a boat, the person sees just that: an aircraft or a boat. War profiteers, on the other hand, see platforms upon which to pile many goods and services. Many corporations sell goods and services for submarines. This document provides a cross section of corporations selling such goods and services during FY2020. For the nuclear weaponry that is launched from submarines, see Nuclear Weaponry FY2020 document.

BAE Systems Platforms & Services (Minneapolis, MN)

- long lead time materials for Virginia-class attack submarines (SSN 804) and (SSN 805) propulsor components → work in Louisville, KY (90%); Minneapolis, MN (10%); N00024-15-C-4103; 7 Feb 2020

General Dynamics (Groton, CT) [see *The Big 5 in New England FY2020* document for greater detail]

- lead yard support and development studies and design efforts related to Virginia-class submarines → Groton, CT (94.1%); Newport News, VA (4.8%); Newport & Quonset, RI (combined 1.1%); 11 Oct 2019
- reactor plant planning yard services for nuclear-powered submarines and support yard services for the Navy's moored training ships → Groton, CT (90%); Charleston, SC (10%); 24 Oct 2019
- operation, maintenance and protection of the floating dry dock Shippingport (ARDM-4); N00024-15-C-4305; 13 Nov 2019
- engineering and technical design effort to support R&D concept formulation for submarines; N00024-18-C-2101; 15 Nov 2019
- fabricate submarine safety/Level 1 (SUBSAFE/L1) hardware, and provide technical and engineering services; 29 Nov 2019 (w Huntington Ingalls, Oceaneering International)
- build nine Virginia-class subs, eight with Virginia Payload Module (VPM), from fiscal 2019 to fiscal 2023; includes spare material; construction of the fifth block of Virginia-class submarines by General Dynamics and major subcontractor Huntington Ingalls Industries' Newport News → Newport News, VA (25%); Quonset Point, RI (21%); Groton, CT (20%); Sunnyvale, CA (8%); Norfolk, VA (1%); Bethlehem, PA (1%); Annapolis, MD (1%); places throughout the U.S. <1% (22%); places outside U.S. <1% (1%); N00024-17-C-2100; 2 Dec 2019
- the New England Maintenance Manpower Initiative for non-nuclear maintenance on submarines based at Naval Submarine Support Facility, New London; N00024-18-C-4321; 5 Dec 2019
- Phase III of the Virginia-class Main Propulsion Machinery control systems effort → Sunnyvale, CA; N00024-16-C-2111; 6 Feb 2020
- onboard repair parts for Virginia-class attack subs Pre-Commissioning Units *Arkansas* (SSN 800) and *Utah* (SSN 801); N00024-12-C-2115; 7 Feb 2020
- additional fiscal 2020 development studies and design efforts for Virginia-class submarines → work in McLeansville, NC; N00024-20-C-2120; 16 Mar 2020
- planning and execution efforts and material procurement in preparation for work on USS *South Dakota* (SSN 790) during its guaranty period; N00024-09-C-2104; 19 Mar 2020
- foreign military sales (U.K.): 18 missile tubes in support of Columbia-class ballistic missile subs and the U.K. Dreadnought in Quonset Point, RI; N00024-17-C-2117; 10 Apr 2020
- U.S. and U.K. ship alterations re: Trident II integration installations → Bremerton, WA (29%); Groton, CT (24%); Kings Bay, GA (24%); Bangor, WA (9%); Cape Canaveral, FL (7%); Norfolk, VA (3%); D.C. (2%); Faslane, Scotland (1%); Plymouth, England (1%); 4 May 2020
- Large-Scale Vehicle (LSV) 2 system refurbishment in Milwaukee, WI; GDEB will obtain vendor services from Leonard DRS Naval Power Systems to support LSV 2 refurbishment; N00024-18-C-2101; 15 May 2020
- continued design completion, engineering, affordability studies, and design support for Columbia-class ballistic missile subs (SSBN) → Groton, CT (41%); Quonset Point, RI (14%); Newport News, VA (2%); sites across the U.S. (43%); N00024-17-C-2117; 22 June 2020
- alterations during the USS *South Dakota* (SSN 790) post-delivery work period; N00024-16-C-2111; 13 July 2020
- alterations during the USS *South Dakota* (SSN 790) post-delivery work period; N00024-16-C-2111; 13 July 2020
- planning and execution of USS *Delaware* (SSN 791) post-delivery work period; includes long lead time material procurement; N00024-09-C-2104; 13 July 2020
- labor and material efforts required to plan the USS *Hartford* (SSN 768) engineered overhaul availability; 14 Aug 2020
- Reactor Plant Planning Yard support for nuclear-powered submarines and Support Yard for the Navy's Moored Training Ships → Groton, CT (95%); Charleston, SC (5%); 30 Sep 2020
- engineering, technical, design agent and planning yard support for strategic and attack submarines for U.S. and U.K. → Groton, CT (70%); Kings Bay, GA (13%); Bangor, WA (10%); Pearl Harbor, HI (3%); North Kingston, RI (2%); Newport, RI (2%); N00024-19-C-2125; 28 Sep 2020

General Dynamics Mission Systems (Pittsfield, MA)

- U.S. and U.K. Trident II (D-5) ballistic missile submarines Fire Control System, Guided Missile Submarines Attack Weapon Control System, and Support Equipment Rework Facility support → Pittsfield, MA (90%); Kings Bay, GA (3.0%); Bangor, WA (2.0%); Dahlgren, VA (2.0%); Cape Canaveral, FL (1.0%); Puget Sound Naval Shipyard, WA (1.0%); Norfolk Naval Shipyard, VA (1.0%); N00030-20-C-0005; 16 Dec 2019
- engineering services and Navy equipment → Fairfax, VA (53%); Pittsfield, MA (47%); N00024-15-C-6228; 30 Mar 2020
- Columbia (US01) and Dreadnought ballistic missile submarine development, production, and installation requirement → Pittsfield, MA (90%); the U.K. (6%); Quonset Point, RI (3%); Groton, CT (1%); N00030-20-C-0003; 10 June 2020

Huntington Ingalls Industries (Newport News, VA)

- planning & design yard functions for Navy valves on nuclear-powered submarines and aircraft carriers; N00024-17-C-2103; 10 Oct 2019
- continued repair, maintenance, upgrades, and modernization on USS *Columbus* (SSN 762); N00024-15-C-4301; 21 Nov 2019
- fabricate submarine safety/Level 1 (SUBSAFE/L1) hardware, and technical & engineering services; 29 Nov 2019 (with General Dynamics EB and Oceaneering International)
- engineering, technical, design, configuration management, integrated logistics support, database management, R&D, modernization, planning yard and industrial support for nuclear strategic and attack subs → Newport News, VA (93%); Bremerton, WA (2%); Pearl Harbor, HI (2%); Kittery, ME (2%); Groton, CT (1%); 20 Dec 2019
- continued advance planning and availability preparations for FY2020 USS *Boise* (SSN 764) engineered overhaul; N00024-18-C-4314; 27 Feb 2020
- engineering and technical design to support R&D concept formulation for submarines → Newport News, VA (80%); Modesto, CA (13%); East Aurora, NY (3%); Bayview, ID (2%); Westerly, RI (2%); N00024-18-C-2102; 4 Mar 2020
- USS *Boise* (SSN 764) Smart Start: encompasses continued advance planning, execution services, production and availability preparations for FY2020 engineered overhaul; N00024-18-C-4314; 26 June 2020
- engineering, technical, trade and program management support of industrial type work for operational and decommissioning submarines, submarines undergoing availabilities/conversion, special mission submersibles, and submarine support facilities → Newport News, VA (90%); Kings Bay, GA (3%), Bremerton, WA (2%); Pearl Harbor, HI (2%); Kittery, ME (2%); Groton, CT (1%); N00024-20-C-2109; 2 July 2020
- continue repair, maintenance, upgrades, and modernization on the USS *Helena* (SSN 725) dry-docking selected restricted availability (DSRA); N00024-16-C-4316; 13 July 2020
- USS *Boise* (SSN 764) early production period encompassing continued advance planning, execution services, production and availability preparations for engineered overhaul; N00024-18-C-4314; 21 Sep 2020
- continued repair, maintenance, and upgrade on the USS *Helena* (SSN 725) dry-docking selected restricted availability; N00024-16-C-4316; 28 Sep 2020
 - o The U.S. government and Newport News Shipbuilding agreed to a final settlement value of \$13,053,382 for the USS *Helena* SSN 725 dry-dock selected restricted availability for 20 Oct 2020, through 8 Jan 2021.
- engineering, technical, design, configuration management, integrated logistics support, database management, R&D, modernization, planning yard services for nuclear and attack submarines for U.S. Navy and the U.K. → Newport News, VA (90%); Kings Bay, GA (3%); Bremerton, WA (2%); Pearl Harbor, HI (2%); Kittery, ME (2%); Groton, CT (1%); N00024-20-C-2109; 30 Sep 2020

Jacobs Technology Inc. (Tullahoma, TN)

- base operations support services, Naval Submarine Base Kings Bay and outlying areas; includes care of swimming pools; 4 June 2020

L3 Technologies (Northampton, MA)

- submarine photonics masts
 - o see *L3Harris FY2020* document for more details

L-3 Chesapeake Sciences Corp. (Millersville, MD)

- towed arrays → Liverpool, NY (52%); Millersville, MD (28%); Ashaway, RI (20%); N00024-16-C-6251; 30 Sep 2020
 - o more on towed arrays at <<https://www2.l3t.com/oceansystems/reelable.htm>>

Lockheed Martin (Manassas, VA)

- products, including hardware & software, particularly those focused on submarine electronic warfare
 - o see *The Big 5, Mid-Atlantic FY2020* document for full details

Oceaneering International Inc. (Chesapeake, VA)

- configuration changes and fit ups to Navy submarines; engineering, technical and installation services and includes all material travel, subsistence and incidental material in support of those services → Honolulu, HI (46%); Norfolk, VA (34%); Chesapeake, VA (20%); N00024-18-C-6413; 18 Aug 2020
 - o NAVSEA D.C.
- configuration changes, engineering services, material maintenance and repair; N00024-18-C-6413; 22 Sep 2020
 - o NAVSEA D.C.

Oceaneering International, Inc. (Hanover, MD)

- submarine rescue operations maintenance contractor, responsible for personnel and services for the mobilization, operation, storage, logistic support, repair and maintenance of the submarine rescue systems in San Diego, CA; responsible for ensuring the Navy's submarine rescue systems are maintained in a high state of readiness to support a rapid worldwide deployment on a 24/7 basis; 10 Sep 2020
 - o NAVSEA D.C. (N00024-20-C-4315)

Mikel Inc. (Middletown, RI)

- engineering services and other direct costs associated with system and Submarine Acoustic Navigation System (SANS) beacon integration, system changes, and support of government-led testing and training; includes various contractor site and DOD facilities in Newport, RI; Middletown, RI; HI; Niantic, CT; Patuxent River, MD; and D.C.; N66604-20-D-H001; 9 Apr 2020

Progeny Systems Corp. (Manassas, VA)

- works on torpedoes, hardware & software, and undersea warfare products for submarines
 - o *see Progeny FY2020 document for full details*

RFD Beaufort Inc. (Sharon Center, OH)

- submarine escape immersion suits; 23 Dec 2019
 - o DLA Land & Maritime, Mechanicsburg, PA (SPRMM1-20-D-W301)

Seeman Composites LLC (Gulfport, MS)

- Virginia-class submarine tailcones → Gulfport, MS (55%); Chesapeake, VA (45%); 29 Sep 2020

Ultra Electronics Ocean Systems (Braintree, MA)

- engineering and technical service for design, development, testing, integration, technology insertion/refreshment, and system support of AN/BPS radar software management system on submarines → Chantilly, VA (50%); Wake Forest, NC (50%); 1 Nov 2019

Undersea Signal Systems Inc. (Columbia City, IN)

- develop a prototype sonobuoy, known as Extended Range Directional Frequency Analysis and Recording (ER-DIFAR), to address new and quiet threat submarine targets for the Office of Naval Research; N00014-19-S-B001; 20 Jul 2020

AECOM Technical Services Inc. (Los Angeles, CA)

- architectural & engineering services in NAVFAC Southeast; initial task order is to prepare a construction contract package to build a nuclear regional maintenance facility at Naval Submarine Base Kings Bay, GA; 24 Sep 2020

Alberici-Mortenson JV, St. Louis, MO

- recapitalize the dry dock at Naval Submarine Base Kings Bay, GA; 20 Mar 2020

Manson Construction Co. (Seattle, WA)

- build Seawolf Class Service Pier Extension, Naval Base Kitsap Bangor, Silverdale, WA; 3 Feb 2020