

Largest war corporations _ New England FY2021

Maine

General Dynamics Bath Iron Works (Bath, ME)

- DDG planning yard services; N00024-19-C-4452; 16 Nov 2020 via Supervisor of Shipbuilding, Conversion and Repair, Bath, ME
- planning yard efforts such as engineering, technical, planning, ship configuration, data and logistics efforts for DDG-1000 class destroyers post-delivery and in-service life-cycle support → Bath, ME (95%); San Diego, CA (5%); N00024-19-C-2322; 18 Dec 2020
- lead yard services for the DDG 51 class Guided Missile Destroyer program → work in Bath, ME (95%); Brunswick, ME (4.3%); other locations collectively totaling less than 1%; N00024-18-C-2313; 8 Jun 2021
- planning, management and emergent availability support for USS Daniel Inouye (DDG 118) → work in Bath, ME (65%); Pearl Harbor, HI (35%); N62786-21-F-0020 N00024-16-G-2301; 17 Jun 2021
- post-delivery availability work items for DDG 120 → work in Bath, ME (93%); Brunswick, ME (6%); other locations below 1% (collectively totaling less than 1%); N00024-13-C-2305; 22 Jun 2021

General Dynamics manufactures some ordnance in Saco, Maine.

A few corporations (e.g., Delphinus Engineering, Oceaneering International, Orbis Sibro, Q.E.D. Systems) maintain and repair submarines at Portsmouth Naval Shipyard in Kittery.

Vermont

General Dynamics OTS (Williston, VT)

- manufacture of MK-82 guided missile director sub-assemblies → work in Saco, ME (46.4%); Baltimore, MD (29.2%); Cincinnati, OH (24.4%); N0001918C1048 / N0016421DWP64; 23 Sep 2021 (with Danko Arlington of Baltimore, MD and General Tool Co. of Cincinnati, OH)

Simmonds Precision Products, a part of Raytheon's Collins Aerospace (Vergennes, VT)

- digital engineering and model-based systems engineering, agile processes, open systems architecture, weapons and enterprise analytics for Eglin AFB, FL (Armament), and its partners; \$46B across 55 corporations; FA8656-21-D-A001; 3 Sep 2021
- Low-Cost Air-Drop Munition (LCAM) weapon system development program → work in Vergennes, VT (74.4%); Arlington, VA (5.2%); Indian Head, MD (3.9%); Yuma, AZ (3.8%); Burlington, VT (3%); Torrance, CA (2.6%); Westminster, MD (2.3%); Rancho Cordova, CA (1.9%); various places below 1%; N00014-19-C-1062; 16 Sep 2021 via Office of Naval Research, Arlington, VA

New Hampshire

L3Harris Technologies (Londonderry, NH)

- FMS (UAE): binocular night vision devices and accessories; W91CRB-21-C-5004; 8 Dec 2020
- the Aviator's Night Vision Imaging System III; W91CRB-21-D-0009; 20 Aug 2021
- AN/PVS-31 Series binocular night vision devices: spare parts; N0016421DJQ85; 20 Sep 2021

BAE Systems (Nashua, NH) *BAE Systems is a subsidiary of London's BAE Systems plc. See separate BAE Systems document for full details.*

- Common Missile Warning System; W58RGZ-21-D-0010; 16 Nov 2020
- radio frequency countermeasures for F-35 aircraft (lot 12) in support of non-U.S. DOD participants, FMS customers and for the Navy → Nashua, NH (74%); Landenberg, PA (7%); Topsfield, MA (2.5%); Industry, CA (1.6%); Hamilton, NJ (1.5%); Carson, CA (1.3%); Dover, NH (1.1%); Londonderry, NH (1%); Chartley, MA (1%); locations within continental U.S. (9%); N00019-19-C-0001; 26 Jan 2021
- a DARPA research project → Nashua, NH (54%); Cambridge, MA (28%); Marion, IL (8%); Atlanta, GA (6%); North Billerica, MA (4%); HR0011-21-C-0068; 26 Feb 2021
- OE-120B/UPX IFF antenna: OE-120B antenna groups, retrofit kits, installation & checkout kits, and delta installation & checkout kit for U.S. Navy, and OE-120B antenna group and retrofit kit for Australia; N0001919C0052; 5 Apr 2021
- life cycle contractor support for the Limited Interim Missile Warning System quick reaction capability, which is used on helicopters; W58RGZ-21-D-0023; 26 May 2021, 24 Aug 2021

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Massachusetts

For BAE Systems' work in Burlington and Lexington, Massachusetts, see separate BAE Systems FY2021 document.

General Electric (Lynn, MA)

- F414-GE-400 engines and engine devices for F/A-18 production aircraft for U.S. Navy → work in Lynn, MA (59%); Hooksett, NH (18%); Rutland, VT (12%); Madisonville, KY (11%); contract # N00019-18-C-1061; issued 22 Dec 2020
- F414 components for F/A-18E/F and EA-18G aircraft; N0001919G0001; 30 Dec 2020
- logistics and repair support of F414 engine components for F/A-18 aircraft → Lynn, MA (99%); Jacksonville, FL (1%); N00383-17-D-BG01; 30 Apr 2021
- repair, upgrade, or replace, inventory management, and supply response times of seventeen (17) F414 engine components for F/A-18 aircraft → Lynn, MA (90%); Jacksonville, FL (10%); N00383-21-D-ZN01; 1 Sep 2021
- spare F414 engines and various spare engine modules for F/A-18E/F and EA-18G production aircraft → Lynn, MA (50%); Hooksett, NH (18%); Rutland, VT (12%); Madisonville, KY (11%); Winnipeg, Canada (4%); Munich, Germany (3%); Haverhill, NC (2%); N0001921D0003; 29 Sep 2021
- life-cycle contractor support for YT706-GE-700 engine (which powers MH-60M helicopters) and components for Special Operations Command (SOCOM); H92241-21-D-0002; 29 Dec 2020
- T408-GE-400 engines, peculiar support equipment, and associated services (engine, programmatic, and logistics) for CH-53K lot 4 low rate initial production and spares; N00019-18-C-1007; 30 Dec 2020
- T408-GE-400 engines & associated services for CH-53K low rate initial production aircraft (lot 5); N00019-18-C-1007; 13 Jan 2021
- T408-GE-400 spare engines and spare engine parts for CH-53K LRIP aircraft (lot 5); N00019-18-C-1007; 9 Feb 2021
- engineering services and engine system improvement support for T408 engine components; N00421-19-G-0001; 19 Feb 2021
- CT7-8A6 spare engines (8) and various engine components for the VH-92A presidential helicopter → Lynn, MA (75.8%); Erlanger, KY (24.2%); N0001920G0006; 15 Mar 2021
- T-64 engine cores (10) for CH-53E helicopters → Lynn, MA (45%); Rutland, VT (28%); Havelock, NC (18%); Madisonville, KY (4%); Evendale, OH (4%); locations within continental U.S. (1%); N0001921C0035; 31 Mar 2021, 27 Sep 2021
- T-64 engine support assemblies; SPE4AX-19-D-9400; 2 Jul 2021
- maintenance and overhaul of the rotor turbine aircraft; W58RGZ-21-D-0054; 19 Jul 2021
- overhaul the cold section module for the T700 engine, which is used on the Lockheed Martin UH-60 "Black Hawk" helicopter; W58RGZ-21-D-0065; 2 Aug 2021
- T700 engine supplies; SPE4AX-21-D-9416; 30 Sep 2021
- multiple aircraft engine supplies; SPE4AX-21-D-9413; 9 Sep 2021

General Dynamics Mission Systems (Pittsfield, MA)

- sustainment of the Littoral Combat Ship (LCS) Integrated Combat Management System (ICMS) and associated system elements for operational LCS ships: future CS baseline upgrades for in-service ships; support of ship integration, installation, and checkout; developmental test/operational test; develop training and logistics products; field technical support; hardware engineering and equipment procurement; life-cycle supportability engineering; and fleet support for fielded baselines → work in Pittsfield, MA (85%); San Diego, CA (14%); Mobile, AL (1%); N00024-20-C-5603; issued 4 Nov 2020
- sustain LCS Integrated Combat Management System and associated combat system elements → Pittsfield, MA (85%); San Diego, CA (14%); Mobile, AL (1%); N00024-20-C-5603; 24 Sep 2021
- fiscal 2020-2023 Columbia (US01) and Dreadnought Class development, production and installation requirement → Pittsfield, MA (90%); UK (6%); Quonset Point, RI (3%); Groton, CT (1%); N00024-18-C-4321; 9 Dec 2020 via Strategic Systems Programs, D.C.
- engineering and technical services to support combat systems and command, control, communications, computers and intelligence (C5I); hull, mechanical and electrical (HM&E) equipment, components, software, training and equipment for the Austal Independence variant of the LCS → Pittsfield, MA (80%); San Diego, CA (5%); Philadelphia, PA (5%); Mobile, AL (5%); Singapore (5%); N6449821D4021; 4 May 2021
- LCS Independence: combat management system software support and in-service engineering support; N00178-20-C-2310; 5 May 2021
- for Independence-class LCS, in-service engineering and lifecycle support services, which consists of the integrated combat management system and its interfaces; command, control, communications, computers, combat systems and intelligence elements; software applications; and networking environment hardware program services → San Diego, CA (40%); Pittsfield, MA (25%); National City, CA (25%); Fairfax, VA (5%); Singapore (5%); N63394-21-C-0007; 24 May 2021

General Dynamics Mission Systems (Quincy, MA)

- retrofit five Surface Mine Countermeasure Unmanned Undersea Vehicle systems to the block I configuration and engineering support services → work in Quincy, MA (60%); Greensboro, NC (26%); Taunton, MA (14%); N00024-21-C-6308; 7 May 2021

General Dynamics Mission Systems (Dedham, MA)

- Next Generation Load Device-Medium, a cryptography tool for communications; W15P7T-21-D-0002; 10 Aug 2021 (with Sierra Nevada Corp.)

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General Dynamics Missions Systems (Taunton, MA)

- support Warfighter Information Network Tactical Increment 2 equipment; 30 Nov 2020
- system engineering and program management services for Product Manager Tactical Network—Mission Network and Tactical Network-Transport On The Move systems and equipment; 22 Jan 2021
- Mercury spares; 26 April 2021
- post-deployment software support service for the product manager Tactical Network Transport—On The Move system and equipment; 2 Jun 2021
- system engineering and test services in support of the Tactical Network-Transport on the Move systems and equipment; 23 Jun 2021

Lockheed Martin Sippican (Marion, MA)

- engineering and maintenance services on Heavyweight MK48 Torpedo at Intermediate Maintenance Activity, Pearl Harbor, HI; N00024-18-C-6408; 11 Mar 2011
- M934E6 Stinger fuze / warhead body assemblies and M934E7 Stinger proximity fuze warhead body assemblies; W15QKN-21-D-0008; 9 Apr 2021

Raytheon (Marlborough, MA)

- electronic switches for U.S. Navy; SPRMM1-18-G-DK01; issued 29 Oct 2020
- transportable install kit/electronic equipment (IKEE) kits for a global aircrew strategic network terminal (GASNT), a nuclear command & control system; FA8705-14-C-0001; 30 Oct 2020
- Global Aircrew Strategic Network Terminal, which is used for command & control of USAF nuclear bomber fleet: production of initial spares; FA8705-14-C-0001; 11 Dec 2020
- Advanced Extremely High Frequency-Terminals (AEHF-T) Air Force Nuclear Weapons Center (AFNWC) interim contractor support, contractor logistics support, terminal depot activation, terminal hardware/software procurement and studies → Marlborough, MA; and Largo, FL; FA8735-21-F-0002; 13 Aug 2021
- Submarine High Data Rate (SubHDR¹) antenna systems → Largo, FL (26%); South Deerfield (22%), Marlborough (18%), Stow (5%), MA; Fairfield, NJ (14%); Woodland Hills, CA (7%); Torrance, CA (4%); Portsmouth, NH (4%); N00039-21-C-5002; 3 Dec 2020
- work on Navy multiband terminals (NMT²), including engineering support services to address “obsolescence issues” and other in-scope engineering service efforts → Largo, FL (54%); South Deerfield, MA (25%); Stow, MA (13%); Marlborough, MA (8%); N00039-16-C-0050; 10 Dec 2020
- Navy multiband terminals (NMT) and spare parts → Largo, FL (54%); South Deerfield, MA (25%); Stow, MA (13%); Marlborough, MA (8%); N00039-16-C-0050; 21 Dec 2020
- fully integrated NMT: produce, test and deliver → Largo, FL (54%); South Deerfield, MA (25%); Stow, MA (13%); Marlborough, MA (8%); N00039-16-C-0050; 26 Jan 2021
- for Aegis Combat System on DDG-51 class ships: Fire Control System MK 99 ship sets and associated technical engineering → Andover, MA (81%); Marlborough, MA (10%); Chesapeake, VA (3%); Portsmouth, RI (3%); San Diego, CA (2%); Burlington, MA (1%); N00024-19-C-5112; 10 Dec 2020
- Air & Missile Defense Radar AN/SPY-6(V) integration and production support efforts → Marlborough, MA (64%); Kauai, HI (18%); Portsmouth, RI (8%); Moorestown, NJ (7%); Fair Lakes, VA (2%); San Diego, CA (less than 1%); N00024-19-C-5501; 11 Dec 2020
- ordnance alteration installation services and engineering & technical services for MK99 fire control and AN/SPY-1 radar transmitter systems → Yokosuka, Japan (25%); Moorestown, NJ (25%); Marlborough, MA (20%); Norfolk, VA (14%); Everett, WA (12%); Mayport, FL (2%); Philadelphia, PA (1%); San Diego, CA (1%); N6339421C0004; 9 Jun 2021
- AN/SPY-6(V) integration and production support → Marlborough, MA (54%); Pascagoula, MS (11%); Moorestown, NJ (10%); Newport News, VA (6%); Kauai, HI (5%); Wallops Island, VA (4%); Fair Lakes, VA (4%); Chesapeake, VA (2%); Bath, ME (2%); Portsmouth, RI (1%); San Diego, CA (1%); N00024-19-C-5501; 16 Jul 2021
- AN/SPY-6(V)1 spares → Marlborough MA (98%); Saratoga Springs, NY (1%); Riverside, CA (1%); N00024-14-C-5315; 27 Sep 2021
- AEGIS modernization (“AMOD”) kits for DDG 51-class destroyers for U.S. Navy (59%) and Japan (41%) → Andover, MA (72%); Chesapeake, VA (14%); Marlborough, MA (12%); San Diego, CA (1%); Burlington, MA (1%); N00024-19-G-5107; 19 Jul 2021
- FMS (Canada and the Netherlands): engineering services for the international partner variant of the Secure, Mobile, Anti-Jam, Reliable, Tactical-Terminal; W91CRB-21-C-5006; 16 Sep 2021

Raytheon (Tewksbury, MA)

- Cross Domain Maritime Surveillance & Targeting → Tewksbury, MA (53%); Cambridge, MA (24%); San Diego, CA (10%); Woburn, MA (7%); Portsmouth, RI (5%); Arlington, VA (1%); N65236-18-C-8009; 22 Oct 2020
- DDG 1000 ship class integrated logistics support and engineering services → Portsmouth, RI (41%); Tewksbury, MA (36%); Los Angeles, CA (8%); San Diego, CA (5%); Ft. Wayne, IN (4%); Marlboro, MA (4%); Bath, ME (1%); Nashua, NH (1%); N00024-17-C-5145; 5 Nov 2020
- FMS (Qatar): upgrade the Qatar Air Operations Center (AOC) and alternate AOC (AAOC): hardware & software, engineering services, installation, integration, and testing of components, end-user training, spares, and help desk support → Tewksbury, MA; and Al Udeid Air Base, Qatar; FA8730-21-C-0005; 9 Nov 2020
- DDG 1000 ship class integrated logistics support, engineering services, and M5 call servers → San Diego, CA (42%); Portsmouth, RI (27%); Tewksbury, MA (22%); Bath, ME (7%); Ft. Wayne, IN (1%); Marlboro, MA (1%); N00024-17-C-5145; issued 14 Dec 2020

¹ SubHDR antenna systems provide high capacity communications for submarines.

² NMT is a multiband capable satellite communications terminal for protected and wideband communications.

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- Dual Band Radar systems engineering → Tewksbury, MA (98%); Wallops Island, VA (2%); N00024-18-G-5501; 28 Dec 2020
- work on System of Systems Enhanced Small Unit (SESU) for DARPA → Tewksbury, MA (39%); Tucson, AZ (36%); Woburn, MA (13%); Clifton, NJ (12%); HR0011-20-C-0008; 14 Jan 2021
- DDG 1000 integrated logistics support: mission system activation, hull mechanical and electrical activation efforts to include waterfront integration, activation and test of Zumwalt class mission systems and mission system equipment at the system and subsystem levels; development and conduct of the Zumwalt class TSA test program; personnel, program management, planning, training and other efforts required to effectively support the execution of the Zumwalt class TSA; development and review of design drawings, technical data packages, installation control drawings and change documentation in support of Zumwalt class TSA; and development and implementation of government-approved proposed changes and the implementation of Zumwalt class cybersecurity/information assurance requirements → Portsmouth, RI (50%); Tewksbury, MA (50%); N00024-17-C-5145; 15 Jan 2021
- a DARPA research project for the Joint All-Domain Warfighting Software (JAWS³) program → Tewksbury (59%), Cambridge (11%), Woburn (15%), MA; Richardson (3%), McKinney (8%), TX; Centennial, CO (1%); Nashua, NH (3%); HR0011-21-C-0010; 15 Jan 2021
- Airspace Tactical Automation System (ATLAS) effort supporting DARPA Air Space Total Awareness for Rapid Tactical Execution (ASTARTE) program, phase 1: R&D and demonstrate virtual & live testbed for airspace management systems, a series of algorithms for airspace planning and operations and a sensor network for real-time tracking of airborne platforms → Tewksbury, MA (32%); Cedar Rapids, IA (3%); Fulton, MD (7%); Cambridge, MA (48%); Dulles, VA (5%); Durham, NC (5%); 10 Feb 2021
- support of Range Threat Systems Branch, including Advanced Radar Threat Systems, Joint Treat Emitter and Branch Modernization programs; entails threat radar systems, along with supporting tools and infrastructure to the Air Force combat training ranges → work at Hill AFB, UT, and/or at the contractor's facility; FA8210-21-D-0015; 23 Jan 2021 (with about 20 other corporations)

Raytheon (Woburn, MA)

- FMS (Qatar): procurement, manufacture, and storage of spares for Qatar Early Warning Radar (QEWR) sustainment in Andover, MA; FA8730-17-C-0010; 8 Dec 2020
- Qatar Early Warning Radar: contractor logistic support in Woburn, MA, and Doha, Qatar; FA8730-17-C-0010; 14 Jun 2021
- one AN/TPY-2 Radar (Radar #13) for Lockheed Martin's Terminal High Altitude Area Defense (THAAD) Battery #8; HQ0147-12-C-0006; 21 Apr 2021 via MDA Redstone Arsenal, AL

L3Harris (Northampton, MA)

- system production and associated components for new-construction and in-service submarines → Bologna, Italy (74%); Northampton, MA (26%); N00024-20-C-6205; 29 Apr 2021
 - o about Bologna location: <https://www.naval-technology.com/contractors/materials/l3harris-calzoni/>
- material production and spares for new-construction and in-service class submarines; N00024-20-C-6249; 22 Jun 2021

Rhode Island

Raytheon (Portsmouth, RI)

- FMS (U.K.): MK54 Lightweight Torpedo components → work in Towcester, UK (60%); Portsmouth, RI (40%); N00024-16-C-6423; issued 13 Nov 2020
- MK54 Lightweight Torpedo common part kits and spare torpedo components for U.S. Navy (30%); Belgium, Netherlands, New Zealand (70%) → Portsmouth, RI (95%); Keyport, WA (5%); N00024-16-C-6423; 21 Dec 2020
- engineering, design, development, production, integration, and testing to upgrade 10 AN/AQS-20A mine-hunting sonars to block II (AN/AQS-20C) configuration; N00024-21-C-6308; 31 Mar 2021
- Airborne Mine Neutralization Systems; N00024-17-C-6305; 26 May 2021
- assembly, fabrication, development, and testing to produce & deliver MK 57 NATO Seasparrow missile system → Indianapolis, IN (73.25%); Portsmouth, RI (26.74%); Andover, MA (0.01%); N63394-21-F-0017; 30 Jun 2021
- "Science and Technology Research for the SSBN Security Technology Program (SSTP)" program, also referred to as "Oban 3": scientific investigations of novel non-acoustic phenomenologies associated with SSBN security and submarines; includes developing new products for signature modeling & validation, clutter modeling & validation, signal processing algorithm development, and countermeasure concept development; N00014-21-C-1056; 10 Aug 2021 via Office of Naval Research
- design, develop, fabricate, test, install, analyze, document, and deliver rapid prototypes associated with products, systems, subsystems, support equipment, and associated capabilities; 12 corporations N6660421DN001-N6660421DN012; 29 Sep 2021

³ JAWS aims to develop software "to maximize effectiveness of military force through theater scale battle management command & control with automation and predictive analytics." Software to "adaptably setup and execute synchronized kill webs encompassing the undersea, sea surface, land, air, space and electromagnetic domains."

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Connecticut

General Dynamics Electric Boat (Groton, CT)

- lead yard support and development studies and design for Virginia-class submarines → work in Groton, CT (92%); Newport News, VA (7%); Newport and Quonset Point, RI (1%); N00024-20-C-2120; 9 Oct 2020
- additional development studies and design for Virginia-class subs → McLeansville, NC (east of Greensboro); N00024-20-C-2120; 16 Oct 2020
- additional development studies, design efforts, and material “to fully evaluate new technologies for Virginia-class submarines” → McLeansville, NC; N00024-20-C-2120; 13 Nov 2020
- additional development studies, design efforts, and material for Virginia-class subs → Spring Grove, IL; N00024-20-C-2120; 25 Mar 2021
- lead yard support and development studies & design efforts for Virginia-class subs → Groton, CT (99%); Newport and Quonset, RI (1%); N00024-20-C-2120; 30 Jun 2021
- USS Delaware (SSN 791) planning and execution efforts in preparation for work on the boat during scheduled guaranty period; N00024-09-C-2104; 30 Oct 2020 via Supervisor of Shipbuilding Conversion and Repair, Groton, CT
- continued USS Delaware (SSN 791) post-delivery work; N00024-09-C-2104; 8 Mar 2021
- fiscal 2021 construction start of the Columbia-class submarine SSBN 826 and advance procurement, advance construction, coordinated material buys, and full construction of the follow hull, SSBN 827, in fiscal 2024 → Groton, CT (36%); Newport News, VA (25%); Quonset Point, RI (17%); various sites throughout the U.S. (each <1%) (22%); N00024-17-C-2117; 5 Nov 2020
- staff and operate a Nuclear Regional Maintenance Department, Naval Submarine Base, New London, CT; N00024-18-C-4301; 13 Nov 2020
- non-nuclear maintenance on submarines based at Naval Submarine Support Facility New London; N00024-18-C-4321; 9 Dec 2020
- engineering and technical design effort to support R&D concept formulation for current and future subs → Groton, CT (96.1%); Bremerton, WA (1.7%); Kings Bay, GA (1.7%); Newport, RI (0.5%); 19 Jan 2021
- engineering and technical design to support R&D concept formulation for current and future subs → Groton, CT (96.1%); Bremerton, WA (1.7%); Kings Bay, GA (1.7%); Newport, RI (.5%); N00024-21-C-2103; 5 Mar 2021
- construct one Virginia-class submarine (block V) with Virginia Payload Module; continue to subcontract with Huntington Ingalls Industries Newport News Shipbuilding → Newport News, VA (34%); Quonset Point, RI (14%); Sunnyvale, CA (7%); Groton, CT (7%); Annapolis, MD (1%); Norfolk, VA (1%); Tucson, AZ (1%); Bethlehem, PA (1%), sites in the U.S. (33%) and outside U.S. (1%); N00024-17-C-2100; 19 Mar 2021
- “smart start maintenance,” repair, and modernization for USS Hartford (SSN 768) engineered overhaul; N00024-20-C-4312; 4 Jun 2021
- additional labor hours for planning & material procurements for USS Hartford (SSN 768) engineered overhaul; N00024-20-C-4312; 29 Jul 2021
- operation, maintenance, and protection of a floating dry dock (SHIPPINGPORT ARDM-4), which is government-owned and contractor-operated; N00024-21-C-4311; 9 Jun 2021
- engineering, technical, design agent, and planning yard support⁴ for operational strategic & attack submarines → Groton, CT (70%); Kings Bay, GA (13%); Bangor, WA (10%); Pearl Harbor, HI (3%); North Kingston & Newport, RI (4%); N00024-19-C-2125; 2 Aug 2021
- lead yard support efforts for Columbia-class ballistic missile submarines (SSBN) through the year 2028; also, ongoing support for continuous production of shipyard components, shipyard labor in support of fully outfitted missile tubes, and submarine industrial base development & expansion⁵ → Groton, CT (97.3%); Newport News, VA (2.7%); N00024-17-C-2117; 30 Sep 2021

Lockheed Martin Sikorsky (Stratford, CT)

- UH-60M “Black Hawk” helicopters
 - o UH-60M “Black Hawk” helicopters; contract # W58RGZ-17-C-0009; issued 4 Nov 2020
 - o UH-60M and HH-60M helicopters; W58RGZ-17-C-0009; 9 Dec 2020, 22 Mar 2021
 - o four UH-60M aircraft; W58RGZ-17-C-0009; 26 Feb 2021
 - o Army Black Hawk Exchange and Sales Team UH-60M aircraft; W58RGZ-17-C-0009; 26 Jan 2021
 - o FMS (Jordan): one UH-60M helicopter; W58RGZ-17-C-0009; 20 Oct 2020
 - o FMS (Jordan): UH-60M green helicopter; W58RGZ-17-C-0009; 15 Jul 2021
 - o FMS (Saudi Arabia): 25 modified UH-60M helicopters for Saudi Arabia’s National Guard; W58RGZ-17-C-0009; 24 Mar 2021
 - o six HH-60M aircraft (lot 45); W58RGZ-17-C-0009; 25 Mar 2021
 - o UH-60M green helicopters; fiscal 2021 special funds are obligated; W58RGZ-17-C-0009; 28 Jul 2021, 26 Aug 2021
 - o maintenance and overhaul of main rotor blades for UH-60 “Black Hawk” helicopters; W58RGZ-21-D-0078; 16 Aug 2021

⁴ Includes drawings and related technical data; design change documentation; logistics technical data; configuration management; hull, mechanical and electrical engineering; submarine safety design review; non-propulsion plant electrical system engineering; propulsion plant engineering; maintenance engineering; refit/availability technical support; on-site support; configuration change program design and installation support; configuration change program material support; submarine technical trade support; training and facility support; research development test and evaluation program support; research and development submarine/submersibles support; miscellaneous special studies; temporary alteration support; modernization of submarine/submersible systems/subsystems; and affordability/cost reduction technical support.

⁵ Industrial base development is based upon fiscal 2021 National Defense Authorization Act (Public Law 116-283), which authorized, and DOD Appropriations Act 2021 (Public Law 116-133), which appropriated, additional funding for submarine industrial base development and expansion “to ensure second- and third-tier contractors are able to meet increased production requirements”.

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- VH-3D/VH-60N helicopter, fiscal 2021 “special progressive aircraft rework sustainment efforts”: security, project engineering, integrated logistics, material, sustainment engineering, training, and program support → work in Stratford, CT (88%); Quantico, VA (12%); N00019-19-G-0029; 18 Nov 2020
- Presidential Helicopters Replacement Program (VH-92A) aircraft (five of lot 3 LRIP), and associated interim contractor support, two cabin interior reconfiguration kits, support equipment, initial spares, and system parts replenishment → Stratford, CT (50%); Coatesville, PA (36%); Owego, NY (10%); Patuxent River, MD (2%); Phoenix, AZ (1%); Quantico, VA (1%); N0001914C0050; 5 Feb 2021
- four VH-92A aircraft MT-1 cabin interiors and MT-1 spares for depot level stand up → Woodland, WA (70%); Coatesville, PA (10%); Wood Dale, IL (7%); Stratford, CT (2%); locations within the continental U.S. (11%); N0001914C0050; 6 May 2021
- H-53 retractable landing gear; SPRPA1-17-G-C101; 22 Feb 2021 via DLA Aviation, Philadelphia, PA
- engineering, analysis, test, and technical support services for the H-60 product line; W911W6-21-D-0001; 22 Mar 2021
- Future Long Range Assault Aircraft Competitive Demonstration and Risk Reduction, phase 2 → Ridley Park, PA; Stratford, CT; Owego, NY; Fort Worth, TX; Jupiter, FL; Orlando, FL; Coatesville, PA; King of Prussia, PA; W912-4P-199-0001; 30 Mar 2021
- repair/overhaul the refueling probes on HH-60G helicopter; FA8524-21-D-0005; 21 May 2021
- maintenance and overhaul of gearbox assemblies; W58RGZ-21-D-0034; 21 Sep 2021
- short-term capabilities upgrades: engineering analysis and integration of Ax software, Link-16 crypto, electro-optical/infrared with primary flight reference symbology, Degraded Visual Environment, GPS Anti-jam and Mobile User Objective System → Stratford, CT; and Owego, NY; FA8629-14-C-2403; 23 Sep 2021
- CH-53 heavy-lift helicopters
 - o CH-53K helicopters (six, Lot IV LRIP and delivery) and associated support (aircraft, programmatic, logistics), rate tooling, and physical configuration audits → Stratford, CT (33.17%); Wichita, KS (11.51%); Salt Lake City, UT (7.18%); Hazelwood, MO (6.28%); Bridgeport, WV (3.22%); Redmond, WA (2.12%); Windsor Locks, CT (1.84%); Kent, WA (1.54%); Fort Worth, TX (1.44%); Quebec, Canada (1.35%); Cudahy, WI (1.29%); Rochester, U.K. (1.27%); Fort Walton Beach, FL (1.11%); locations within continental U.S. (24.68%), outside continental U.S. (2%); N00019-16-C-0048; 26 Oct 2020
 - o spare parts and support for repair & maintenance of CH-53K LRIP aircraft → Rochester, U.K. (21.02%); Stratford, CT (13.03%); Garden Grove, CA (12.98%); Windsor, CT (12.41%); Forest, OH (9.85%); Quebec, Canada (8.95%); Chesterfield, MO (8.8%); Windsor Locks, CT (6.31%); Hazelwood, MO (2.01%); Rockmart, GA (1.66%); Lebanon, NH (1.18%); locations within the continental U.S. (1.8%); N00019-19-G-0029; 30 Oct 2020
 - o low rate initial production organic capability pilot repair material, technical publications, peculiar support equipment, and logistics support → Shelton, CT (53.1%); Bohemia, NY (13.86%); Rockmart, GA (9.54%); Los Angeles, CA (7.91%); Forest, OH (2.59%); Redmond, WA (2.36%); Stratford, CT (1.62%); Blacksburg, VA (1.11%); locations in continental U.S. (7.82%), outside continental U.S. (0.09%); N00019-16-C-0048; 30 Dec 2020
 - o develop Phase One structural repair manuals for CH-53K aircraft → Shelton, CT (43%); Stratford, CT (41%); Bohemia, NY (16%); N00019-19-G-0029; 28 Jan 2021
 - o non-recurring engineering, engineering change order, logistics and programmatic support for the Data Transfer Unit and Defensive Electronic Countermeasure System Replacement and ARC-210 program, to replace existing subsystems within CH-53K production aircraft → Cedar Rapids, IA (55.82%); Stratford, CT (35.7%); Fort Worth, TX (8.48%); N00019-19-G-0029; 3 Feb 2021
 - o non-recurring engineering (investigations, systems engineering support, risk analysis and integration development) on the Data Transfer Unit and Defensive Electronic Countermeasure System Replacement (phase 3) → Patuxent River, MD (54.5%); Stratford, CT (28.5%); Cedar Rapids, IA (11.5%); Fort Worth, TX (4.5%); Vergennes, VT (1.0%); N0001919F2972 / N0001919G0029; 7 Sep 2021
 - o long lead parts and components for nine CH-53K aircraft (lot 6); N00019-20-C-0047; 11 Mar 2021
 - o modifications and updates to CH-53K 2F243-1 Containerized Flight Training Device; also provides flight test data analysis required to update and validate the CH-53K flight model with available flight test data; produces materials focused on pilot and aircrew conversion courseware and maintainer conversion courseware; and trains schoolhouse instructors at the Center for Naval Aviation Technical Training Marine Unit, New River, NC, and Marine Heavy Helicopter Training Squadron 302 → New River, NC (28%); Chantilly, VA (24%); Orlando, FL (24%); Shelton, CT (17%); Binghamton, NY (7%); N00019-19-G-0029; 16 Mar 2021 via Naval Air Warfare Center, Training Systems Division, Orlando, FL
 - o production system engineering & program management support for CH-53K aircraft LRIP; N0001920C0047; 11 May 2021
 - o systems engineering and program management services for CH-53K low rate initial production (lots 5 and 6) aircraft rate tooling → Rochester, U.K. (67.6%); Kent, WA (14.3%); Stratford, CT (12.9%); Berlin, CT (4.6%); Madrid, Spain (0.4%); Cudahy, WA (0.2%); N0001919G0029; 11 Jun 2021
 - o spare parts and support for repair & maintenance of CH-53K aircraft → Stratford, CT (35.34%); Stamford, CT (8.83%); Quebec, Canada (7.22%); Seattle, WA (4.23%); Pottsville, PA (2.86%); Slough, U.K. (2.64%); Jackson, MS (2.55%); Cudahy, WI (2.08%); Windsor Locks, CT (1.96%); Los Angeles, CA (1.87%); Stratford, Canada (1.47%); Cromwell, CT (1.43%); Enfield, CT (1.25%); Lindenhurst, NY (1.23%); Creston, IA (1.15%); Grapevine, TX (1.06%); Waltham, MA (1.06%); locations within continental U.S. (21.09%), outside continental U.S. (0.68%); N00019-19-G-0029; 21 Jun 2021
 - o CH-53K aircraft (lot 5) LRIP and associated support → Stratford, CT (36.71%); Wichita, KS (9.86%); Salt Lake City, UT (6.19%); St. Louis, MO (4.30%); Bridgeport, WV (3.19%); Redmond, WA (1.91%); Quebec, Canada (1.66%); Kent, WA (1.63%); Rochester, U.K. (1.59%); Cudahy, WI (1.39%); Fort Walton Beach, FL (1.19%); Jupiter, FL (1.01%); locations in continental U.S. (27.37%), and outside continental U.S. (2%); N00019-20-C-0047; 25 Jun 2021
 - o eight spare part and management and delivery of parts for CH-53K LRIP aircraft → Stratford, CT (64.24%); Waltham, MA (6.92%); Redmond, WA (6.58%); Farnborough, UK (5.39%); Stamford, CT (3.59%); Cromwell, CT (1.72%); Stratford, Ontario, Canada (1.65%); Paramount, CA (1.46%); Cary, NC (1.33%); locations within continental U.S. (7.12%); N0001921F0709 N0001919G0029; 31 Aug 2021

Largest war corporations _ New England FY2021

Raytheon Technologies' Pratt & Whitney (East Hartford, CT)

- aircraft engine Component Improvement Program: establishes prioritized list of projects each calendar year to include developing engineering changes to the engines, developing repairs (organizational, intermediate, and depot level) as needed, and designing modifications to support equipment, as well as initiating new support equipment designs "as required by engine driven changes"; also provides support to resolve service-revealed deficiencies and maintain or extend the life limits of engines; FA8626-21-D-0001; 25 Nov 2020
- Next Generation Air Dominance Enablers technology development: develop fan aerodynamics for an ultra-high specific flow fan; design fan configurations to optimize aerodynamics, providing increased mass flow through the fan while maintaining or improving efficiency and operability; configurations will be tested in a scale model facility to validate the designs → work in East Hartford, CT (77%); South Bend, IN (16%); Windsor Locks, CT (7%); N00014-21-C-1003; 19 Feb 2021 via Office of Naval Research
- FMS (Morocco): F100-PW-229 engines; FA8626-16-D-0028; 29 Jul 2021
- FMS (S. Korea): F100-PW-229 engine modules; FA8626-16-D-0028; 27 Sep 2021
- engines for the F-35 Joint Strike Fighter
 - o performance-based logistics activities, including maintenance of support equipment, common program activities, unique and common base recurring sustainment, repair of repairables, field service representatives, common replenishment spares, conventional take-off and landing/carrier variant F-35 engine unique maintenance services and short take-off and landing F-35 unique services for USA, non-DOD participants, and FMS → work in East Hartford, CT (73%); OK City, OK (18%); Camari, Italy (3%); Eglin AFB, FL (2%); Edwards AFB, CA (1%); Hill AFB, UT (1%); Luke AFB, AZ (1%); Marine Corps Air Station Beaufort, SC (1%); N00019-21-C-0011; 30 Nov 2020
 - o material & support equipment for depot maintenance facilities, program administrative labor for non-recurring sustainment, mockup engines and modules for test cells; and supplies, services, and planning for depot activations for lot 13 engines for USA, non-DOD participants, and FMS → Oklahoma City, OK (30%); East Hartford, CT (22%); Cherry Point, NC (10%); Indianapolis, IN (6.75%); Windsor, CT (3.25%); Yuma, AZ (1.25%); Norfolk, U.K. (1%); Leeuwarden, Netherlands (1%); locations in continental U.S. (3.75%); outside continental U.S. (21%); N00019-21-C-0006; 1 Feb 2021
 - o one conventional take-off & landing and two short take-off/vertical landing engines for block 4 developmental testing for USA (Air Force, Navy, USMC) and non-U.S. DOD participants (\$1,083,021) → East Hartford, CT (33%); Kent, WA (15%); El Cajon, CA (15%); Whitehall, MI (8%); West Palm Beach, FL (6%); Dover, NJ (5%); East Lake, OH (3%); Rockford, IL (3%); Houston, TX (3%); Portland, OR (3%); North Berwick, ME (3%); Milford, NH (3%); N0001918C1021; 8 Feb 2021
 - o program support to deliver F-35 engines for non-U.S. DOD participants; N0001917G0005; 22 Mar 2021
 - o non-recurring engineering for early identification, development, and qualification of corrections to operational issues, to include safety, reliability, maintainability issues identified during use: continued engine maturation; evaluations of component life limits "based on operational experience"; improve operational readiness; and reduce maintenance and life cycle costs → East Hartford, CT (85%); Indianapolis, IN (15%); N0001917G0005; 31 Mar 2021
 - o non-recurring engineering, tooling, and hardware to establish full rate production and unique tracking for F-35 engine alternate sourced parts; N0001919C0054; 13 Apr 2021
 - o transitional support and services for Defense Logistics Agency (DLA) and Transportation Command (TRANSCOM) to provide North American warehousing and global transportation for F-35 engines; N0001921G0005; 30 Jun 2021
 - o engine spare parts, modules, support equipment/packaging handling shipping and transportation material, and depot lay-in material for USA and non-DOD participants → East Hartford, CT (56%); North Berwick, ME (13%); Indianapolis, IN (10%); Jupiter, FL (7%); Windsor Locks, CT (5%); Bristol, UK (4%); Rockford, IL (2%); Santa Isabel, Puerto Rico (2%); Phoenix, AZ (1%); N0001920D0013; 3 Sep 2021
 - o one Short Take-Off/Vertical Landing (STOVL) and one Conventional Take-Off and Landing developmental engine (block 4), and one STOVL nozzle module, one STOVL three-bearing swivel module, two STOVL initial spare engines, and one initial spare power module for USA and non-U.S. DOD participants → East Hartford, CT (56%); North Berwick, ME (13%); Indianapolis, IN (10%); Jupiter, FL (7%); Windsor Locks, CT (5%); Bristol, UK (4%); Rockford, IL (2%); Santa Isabel, Puerto Rico (2%); Phoenix, AZ (1%); N0001918C1021; 10 Sep 2021
 - o engine spare parts, modules, support equipment/packaging handling shipping and transportation material, and depot lay-in material for USA, FMS, and non-DOD participants → East Hartford, CT (56%); North Berwick, ME (13%); Indianapolis, IN (10%); Jupiter, FL (7%); Windsor Locks, CT (5%); Bristol, UK (4%); Rockford, IL (2%); Santa Isabel, Puerto Rico (2%); Phoenix, AZ (1%); N0001920D0013; 17 Sep 2021
 - o non-recurring sustainment support, material and support equipment for depot maintenance facilities + supplies, services, and planning for depot activation for USA, non-U.S. DOD participants, and FMS → East Hartford, CT (30.5%); Oklahoma City, OK (22.2%); Cherry Point, NC (13.5%); Jacksonville, FL (7.3%); West Palm Beach, FL (5.8%); Windsor Locks, CT (3.7%); Indianapolis, IN (3.0%); Williamstown, New South Wales, Australia (2.9%); Iwakuni, Japan (2%); Foggia, Italy (1.6%); Patuxent River, MD (1.4%); Edwards AFB, CA (1.4%); Luke AFB, AZ (1.2%); Brekstad, Norway (1.2%); Leeuwarden, Netherlands (1.1%); Tyndall AFB, FL (1%); Brandon, UK (0.2%), which is likely RAF Lakenheath; N0001921C0068