

## L3Harris FY2020

L3 and Harris completed their merger in summer 2019. Pentagon contract announcements sometimes still credit the corporate offices by their former names.

### L3 Technologies (Northampton, MA)

- materials & services for rapid prototypes (design to deliver) for the Undersea Warfare/Undersea Defensive systems  
→ work at contractors' sites, minimally at government locations; N66604-20-D-E003; 18 Mar 2020 (w 16 others)
  - o Naval Undersea Warfare Center Division Newport, Newport, RI
- Mk 20 Mod (automatic grenade launcher) 1 Electro-Optical Sensor Systems<sup>1</sup>, radar cross-section kits, shock ring kits and spares for both the Navy and Coast Guard (USCG); N00024-16-C-5366; 13 Mar 2020
  - o NAVSEA D.C.
- spare parts for the photonics mast program; N00024-15-C-6250; 17 June 2020
  - o NAVSEA D.C.
- engineering and technical services for submarine photonics masts (design through delivery); 2 July 2020
  - o NAVSEA D.C. (N00024-20-C-6249)
- procure Multi-Function Mast (OE-538B) Antenna Group and upgrade kits as a second source; issued 23 Sep 2020 (awarded 21 Sep 2020)
  - o Naval Information Warfare Systems Command, San Diego, CA (N00039-20-C-0030)

### L3 Technologies Inc. d.b.a. L3 Henschel (Ayers, MA)

- parts and services to maintain shipboard L3 electrical and electronic control monitoring systems and equipment on Military Sealift Command (MSC) vessels; 30 Apr 2020
  - o MSC Norfolk, VA (N32205-20-D-6714)

### L3 Technologies Inc. (Wilmington, MA)

- Wide Field of View testbed Wide-Area Six-Degree Payload pre-launch and post-launch services, which include launch site integration support and preparation, on-orbit calibration & analysis, and mission operations & anomaly resolution; 6 Apr 2020
  - o SMC, Los Angeles AFB, CA (FA8808-20-C-0040)

### L3 Technologies Inc., Insight Technology Division (Londonderry, NH)

- precision aiming lasers (PAL), which combine a range finder with a ballistics and environmental sensor/processor to increase likelihood of first-round hit; procurement is for SOCOM; 4 Dec 2019
  - o Naval Surface Warfare Center, Crane Division, Crane, IN (N00164-20-D-JQ56)
- illuminator infrared parts; 30 Apr 2020
  - o Army Contracting Command, Detroit Arsenal, MI (W56HZV-20-F-0308)

### L3Harris Technologies Inc. (Amityville and North Amityville, NY)

- ship sets comprised of BRU-75A and BRU-76A bomb rack units (13 for U.S. Navy; 7 for U.K.; 5 for Norway; 4 for New Zealand; 6 for South Korea) in support of P-8A aircraft deliveries; 30 Mar 2020
  - o NAVAIR Patuxent River, MD (N00019-20-C-0056)
- Band 4-8 countermeasure receivers for B-1B aircraft; 15 Sep 2020
  - o DLA Aviation, Warner Robins, GA (SPRWA1-20-D-0011)
- P-8 aircraft sonobouy rotary launchers for USA, Australia, South Korea, Norway, New Zealand, U.K.; 18 Sep 2020
  - o DLA Aviation, Philadelphia, PA (SPRPA1-20-C-V024)
- continue research re: "MIL-STD-1760A Compatible Multiple Smart Weapon Employment Mechanism": production and delivery of umbilical cables and attaching hardware for use on Bomb Rack Unit (BRU)-55 → Brighton, U.K. (79.13%); Franklin, PA (10.51%); Amityville, NY (10.36%); 21 Sep 2020
  - o NAWCAD, Lakehurst, NJ (N68335-20-C-0368)

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<sup>1</sup> Mk 20 EOSS is a major component of the gun weapon systems on the Guided Missile Destroyer (DDG 51 class); Ticonderoga-class cruiser (CG 47 class); and the Coast Guard's offshore patrol cutters.

L3Harris Technologies Inc. (Rochester, NY)

- radio systems with National Security Agency certified Type 1 encryption, radio ancillaries, provisioning kits and documentation for the procured High Frequency (HF) radio systems; 10 Mar 2020
  - o Marine Corps Systems Command, Quantico, VA (M67854-20-D-2029)
- radios, ancillaries, spare parts and services; W91CRB-16-D-5006; 4 June 2020
  - o Army Contracting Command, Aberdeen Proving Ground, MD
- refurbish Marine Corps radio components associated with controlled cryptographic communications; M67004-19-D-0002; 31 July 2020, 28 Sep 2020
  - o Marine Corps Logistics Command, Albany, GA

L3Harris Technologies Inc. (Victor, NY)

- the Satellite Deployable Node (SDN) Service Life Extension Program (SLEP), upgrading legacy satellite communication terminals, specifically, the SDN-Medium (1.2-meter aperture terminal operating in the X, Ku and Ka bands) terminals; H92401-20-D-0002; 23 Dec 2019
  - o SOCOM Headquarters, Tampa, FL

L3Harris (Camden, NJ)

- develop protected tactical waveform capable modems for tactical satellite communication operations → Marlborough, MA; Camden, NJ; Salt Lake City, UT; work w/ Raytheon; FA8808-20-D-0002; 27 Mar 2020
  - o Space & Missile Systems Center, Los Angeles AFB, CA
- design & fabricate a prototype Medium Unmanned Surface Vehicle → 88.3% Louisiana (Morgan City, Jeanerette, Lafayette, New Orleans); Arlington, VA (9.8%); Worthington, OH (1.7%); Gautier, MS (0.2%); 13 July 2020
  - o NAVSEA D.C. (N00024-20-C-6312)
- Navy Wideband Anti-Jam Modem (WAM<sup>2</sup>) – design, develop, test, integrate and verify – and provide engineering support services → Salt Lake City, UT (55%); Camden, NJ (23%); Tempe, AZ (14%); Hanover, MD (4%); San Diego, CA (2%); Bonita Springs, FL (1%); Chambersburg, PA (1%); 30 July 2020
  - o NAVWAR, San Diego, CA (N00039-20-D-0065)

L3Harris (Clifton, NJ)

- AN/ALQ-214A(V)4 Integrated Defensive Electronic Countermeasures System: some engineering to develop, integrate, test, and deliver software & firmware and technical data; also provides engineering and technical support for test efforts including correction of deficiencies discovered during testing for a foreign military sales (FMS) customer; N00019-16-G-0003; 8 Nov 2019
  - o NAVAIR Patuxent River, MD
- AN/ALQ-214A(V)4 Onboard Jammer (OBJ) systems (full rate production, lot 17); Weapons Replaceable Assemblies and repair of test assets and field support → Clifton, NJ (59%); San Jose, CA (14%); San Diego, CA (7%); Rancho Cordova, CA (5%); Mountain View, CA (3%); locations within the continental U.S. (12%); 31 July 2020
  - o NAVAIR Patuxent River, MD (N00019-20-C-0002)
- Integrated Radio Frequency Countermeasures program management, contractor logistics support, field service reps & travel; H9224120D0001; 11 Feb 2020
  - o SOCOM headquarters, Tampa, FL
- repair AN/ALQ-161A countermeasures for B1-B aircraft/electronic countermeasures → Amityville, NY; 8 June 2020
  - o Air Force Sustainment Center, Robins AFB, GA (FA8522-20-D-0002)
- innovative R&D and provide the Integrated Demonstrations & Applications Lab simulation and testbed capabilities required to rapidly develop, integrate, mature, insert and transition technologies/systems → Wright-Patterson AFB, OH; 17 Aug 2020
  - o AFRL Wright-Patterson AFB, OH (FA8650-20-D-1960)
- develop a redesign of AN/ALQ-172 Line Replaceable Unit-21; 25 Sep 2020
  - o Air Force Sustainment Center, Targeting and Electronic Warfare, Robins AFB, GA (FA8522-20-C-0001)

L3 Adaptive Methods Inc. (Centreville, VA)

- R&D on "Environmental Mission Planner the Total Solution": software design & development support to upgrade the Active System Performance Estimate Computer Tool; N68335-15-G-0032; 23 Dec 2019
  - o NAWCAD Lakehurst, NJ

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<sup>2</sup> WAM is the Navy's new wideband satellite communications modem to be integrated with the Navy multiband terminal on ships and subs.

- engineering services and product development for the Undersea Warfare & Surface Warfare systems → Keyport, WA (30%); Rockville, MD (15%); Newport, RI (5%); Austin, TX (1%); Moorestown, NJ (1%); Honolulu, HI (1%); Laurel, MD (1%); and Virginia: Centreville (25%), Manassas (10%), Herndon (5%), Dahlgren (5%), Fairfax (1%); 6 May 2020
  - o purchases: U.S. Navy (98%), Japan (2%)
  - o NAVSEA D.C. (N00024-20-C-5211)

#### L3 Unmanned Systems (Ashburn, VA)

- Mid-Endurance Unmanned Aircraft Systems IV intelligence, surveillance and reconnaissance (ISR) services for SOCOM worldwide; task orders “ensure the most capable platforms and payloads provide real-time, responsive airborne ISR solutions...”; 25 June 2020
  - o SOCOM Tampa, FL

#### L3 Unidyne Inc. (Norfolk, VA)

- support the Unmanned Surface Vehicle Family of Systems; N00024-20-D-6336; 5 Feb 2020
  - o NAVSEA Washington Navy Yard, DC

#### L3 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>>
  - o NAVSEA Washington Navy Yard, D.C.

#### L3Harris (Bristol, PA)

- manufacture & deliver all Telemetry Security Products (TSP), National Security Agency approved class one encryption products and NSA approved encryption accessories, in accordance with individual delivery orders; 29 July 2020
  - o Directorate of Contracting, Edwards AFB, CA

#### L3 Fuzing & Ordnance Systems (Cincinnati, OH)

- Application specific integrated circuit chips; W15QKN-19-C-0040; 13 Nov 2019, 20 Mar 2020
  - o Army Contracting Command, NJ
- mortar fuzes (M734A1, M783) and some engineering costs; W15QKN-17-C-0024; 30 Apr 2020
  - o Army Contracting Command, NJ

#### L3 Communications Cincinnati Electronics Corp. (Mason, OH)

- M36E-T1 Thermal Sight Systems, spares, special tools, and test equipment, new equipment training & manuals, M36E-3 conversions, non-recurring engineering, and assault amphibious vehicle filter windows; 15 Sep 2020
  - o sold under Taipei Economic Cultural Representative Office FMS case TW-P-SEQ
  - o Marine Corps Systems Command, Quantico, VA (M67854-20-D-0005)

#### L3Harris (Fort Wayne, IN)

- MDA’s Hypersonic and Ballistic Tracking Space Sensor Program with prototype payload design and signal-chain processing risk reduction demonstration; an “other transaction agreement”; 29 Oct 2019
  - o MDA Schriever AFB, CO (HQ0857-20-9-0001)

#### L3 Technologies Inc. (Muskegon, MI)

- eHydro-Mechanically Propelled Operational Reliability [THOR] II Transmission 800s; 7 Feb 2020
  - o Army Contracting Command, Detroit Arsenal, MI (W56HZV-15-C-0119)
- hydro-mechanically propelled transmission, operational reliability, 800 series transmissions in two configurations.
  - o Army Contracting Command, Detroit Arsenal, MI (W56HZV-20-C-0124)
- M88A2 HERCULES recovery vehicle diesel engines; 28 Sep 2020
  - o Defense Logistics Agency (DLA) Land & Maritime, Warren, MI (SPRDL1-20-C-211)

#### L3 Communications Integrated Systems (Greenville, TX)

- FMS (unnamed): aircraft engineering, procurement, and fabrication; 1 Oct 2019
  - o 645th Aeronautical Systems Group, Wright-Patterson AFB (FA8620-18-F-4802 P00006)
- Advanced Exploitation of Electronic Intelligence Signals software/hardware: work on improving (1) accuracy (detection, collection, characterization, reporting) of emerging emitters; (2) reporting timeliness; (3) classification of signal feature characteristics; and R&D and demonstration technologies & algorithms for automatic detection, measurement, processing, and exploitation of radio frequency emissions; 8 Oct 2019

- AFRL Rome, NY (FA8750-20-C-1002)
- FMS (unnamed): Group B material and the Ground System Integration Lab; 12 Nov 2019
  - 645th Aeronautical Systems Group, Wright-Patterson AFB (FA8620-19-F-4872 P00005)
- FMS (unnamed): additional management support services; FA8620-18-F-4816; 20 Dec 2019
  - 645th Aeronautical Systems Group, Wright-Patterson AFB
- FMS (S. Korea): re: South Korea's Peace Pioneer program: repair & return the prime mission equipment and System Integration Laboratory (SIL) equipment, support field service reps, program management, engineering, depot sustainment & inventory, and obsolescence management → Greenville, TX; Seongnam, S. Korea; 2 & 3 Jan 2020
  - AFLCMC Wright-Patterson AFB (FA8620-20-C-0001)
- FMS (S. Korea): Ethernet upgrade and polyalphaolefin (PAO) pump and valve modernization for the South Korea Peace Pioneer program → Greenville, TX; and Seongnam, South Korea; FA8620-20-C-0001; 30 Sep 2020
  - AFLCMC Wright-Patterson AFB, OH
- FMS (unnamed): engineering, procurement, and fabrication for a Phase One modification to mission aircraft; 24 Mar 2020, 23 Sep 2020
  - 645th Aeronautical Systems Group, Wright-Patterson AFB, OH (FA8620-20-F-4837)
- FMS (unnamed): Group B materials, ground systems integration lab and subcontracts; FA8620-19-F-4872; 5 May 2020
  - 645th Aeronautical Systems Group, Wright-Patterson AFB, OH
- Joint All Domain Command & Control (JADC2): mature and demonstrate technologies across platforms and domains, leveraging open systems design, modern software and algorithm development; FA8612-20-D-... 29 May 2020 (w many other corporations)
  - AFLCMC Wright Patterson AFB, OH

#### L3 Technologies Inc. (Arlington, TX)

- FMS (Greece): upgrade their F-16 Aircrew Training Devices to the F-16V configuration; 2 Jan 2020, 3 Jan 2020
  - AFLCMC Wright Patterson AFB (FA8621-20-C-0011)
- contractor logistics support to manage, maintain, and support the F-16 Simulators Training Program; FA8621-19-F-6251; 16 Mar 2020
  - AFLCMC, Wright-Patterson AFB, OH (FA8621-19-F-6251)
- F-16 aircraft simulator training program devices; long lead items for phase one production of the Consolidated Unit-Level Trainer (CUT); items are for the CUT cockpit and visual system kits; FA8621-19-F-6251; 31 Mar 2020
  - AFLCMC Wright-Patterson AFB, OH (FA8621-19-F-6251)
- simulator common architecture requirements and standards (SCARS): definition, design, delivery, deployment, and sustainment of a simulator common architecture across Air Force training, along with creating a security operations center and library and executing SCARS management services; SCARS is said to incrementally implement a modular open systems approach and a set of common standards for Air Force simulators → mostly in Orlando, FL; 26 Jun 2020
  - AFLCMC Wright-Patterson AFB, OH (FA8621-20-D-0013)

#### Mustang Technology Group LP, d.b.a. L3 Mustang Technology (Plano, TX)

- 57mm MK 332 high explosive-4 bolt guided (HE-4G) cartridge ammunition → Plano, TX (78%); Cincinnati, OH (22%); N00024-19-C-5313; 16 Mar 2020
  - NAVSEA D.C.
- rounds of 57mm MK 332 HE-4G cartridge ammunition → Plano, TX (78%); Cincinnati, OH (22%); N00024-19-C-5313; 14 May 2020
  - NAVSEA D.C.

#### L-3 Communications Integrated Systems L.P. (Waco, TX)

- install auxiliary power units, digital red switch systems, and Beyond Line-of-Sight Terminals / Presidential National Voice Conferencing modifications & support on two E-6B Mercury aircraft; N00019-15-C-0093; 28 July 2020
  - NAVAIR Patuxent River, MD

#### L3 Communications Vertex Aerospace (Madison, MS)

- contractor operated and maintained base supply of Air Education & Training Command fleet of 178 T-1A trainer aircraft at Air Force Bases (Randolph & Laughlin, TX; Vance, OK; Columbus, MS) and Pensacola NAS, FL; 20 Nov 2019
  - AFLCMC Tinker AFB, OK (FA8106-18-C-0001)
- support of T-1, T-6, and T-38 undergraduate pilot training at Vance AFB, OK; FA3002-14-C-0013; 18 Sep 2020
  - Air Force Installation Contracting Center, JB San Antonio- Randolph, TX

- intermediate-level maintenance, repair and logistics support services for Chief of Naval Air Training aircraft; also procures tooling & equipment to support & maintain 4 aircraft intermediate maintenance departments → Pensacola, FL (47%); Corpus Christi, TX (40%); Whiting Field, FL (10%); Meridian, MS (3%); N61340-17-D-0005; 21 Sep 2020
  - o Naval Air Warfare Center Training Systems Division, Orlando, FL

#### L3Harris (Marietta, GA)

- repair of electronic flight indicators and radar display units for Lockheed Martin C-130H; 24 Jan 2020
  - o Air Force Sustainment Center, Robins AFB, GA (FA8538-20-D-0003)

#### L3Harris Technologies Inc. (Palm Bay, FL)

- Commercial Broadband Satellite Program Unit Level Variant (ULV<sup>3</sup>) hardware production units; 25 Feb 2020
  - o Naval Information Warfare Systems Command, San Diego, CA (N00039-14-C-0041)
- sustainment and support for the fielded modernization of enterprise terminals and AN/GSC-52 medium satellite communications terminal modernization programs; 21 Apr 2020
  - o Army Contracting Command, Rock Island Arsenal, IL (W52P1J-20-C-0014)
- Fibre Channel Network switches for F/A-18 and EA-18 aircraft → Malabar, FL; N00421-17-C-0024; 25 June 2020
  - o NAWCAD Patuxent River, MD
- digital map computers (DMC) and digital video map computers for U.S. Navy (F/A-18E/F aircraft), DMC for Czech Republic and Bahrain → work in Malabar, FL
  - o NAWCAD, Patuxent River, MD

#### L3 Technologies Inc. (Salt Lake City, UT)

- eight Common Data Link Hawklark AN/SRQ-4 systems for the MH-60R aircraft; N00019-18-C-1030; 2 Dec 2019
  - o NAVAIR Patuxent River, MD
- Defense Experimentation Using Commercial Space Internet: establish ability to communicate with Air Force platforms via multiple commercial space internet constellations using common user terminal hardware; 6 Dec 2019
  - o AFRL, Wright-Patterson AFB, OH (FA8650-20-C-9313)
- major \$7/14 billion contract with NAWCAD; contracts are for three distinct lots; L3 Aviation Products Inc., Alpharetta, GA (N00421-20-D-0084); L3 Communications Integrated Systems LP, Waco, TX (N00421-20-D-0096); L3 Communication Systems – West, Salt Lake City, UT (N00421-20-D-0085); 15 Apr 2020
  - o Lot I = full rate production of mission system avionics; Lot II = full rate production of other aircraft components, production and installation of modification kits; Lot III = full rate production of other aircraft components, production and installation of modification kits
  - o NAWCAD Patuxent River, MD
- spare parts in support of AN/TSC-156D Tactical Super High Frequency Satellite Terminal (Phoenix); 30 Apr 2020
  - o DLA Land & Maritime, Aberdeen Proving Ground, MD (SPRBL1-20-D-0027)
- antenna assemblies in support of the Triton weapon platform [presumably the Northrop Grumman MQ-4C Triton drone]; SPRPA1-20-G-CL01; 30 June 2020
  - o DLA Aviation, Philadelphia, PA
- radio frequency and antenna assemblies; 25 Sep 2020
  - o DLA Aviation, Redstone Arsenal, AL (SPRRA1-20-D-0085)

#### L3Harris (Colorado Springs, CO)

- National Space Defense Center (NSDC) sustainment at Schriever AFB, CO, housed within the Distributed Space Command & Control – Dahlgren program of record; F19628-02-C-0010; 15 Jan 2020
  - o Space & Missile Systems Center (SMC), Peterson AFB, CO
- combat mission systems support sustainment; FA8819-19-C-0002; 19 Feb 2020
  - o SMC Los Angeles AFB, CA
- Transition-On and Ground Based Electro-Optical Deep Space Surveillance Upgrade Technical Maturation and Risk Reduction on the *Maintenance of Space Situational Awareness Integrated Capabilities* (MOSSAIC<sup>4</sup>) acquisition → Colorado Springs, CO, and Dahlgren, VA; 25 Feb 2020
  - o SMC Directorate of Contracting, Peterson AFB, Colorado Springs, CO (FA8823-20-C-0004)

<sup>3</sup> ULV provides terminal-to-shore, space and terrestrial connectivity for increased throughput for commercial satellite communication and provides redundancy for military satellite communications.

<sup>4</sup> MOSSAIC will provide sustainment services for current and future ground-based Space Situational Awareness (SSA) sensors, SSA Command and Control systems, and Space Battle Management Command and Control capabilities in SMC Space Domain Awareness Division Special Programs – Ground. MOSSAIC also sustains/modernizes associated test & integration infrastructure within the aforementioned division.

- a research project for the Secure Advanced Framework for Simulation and Modeling (SAFE-SiM<sup>5</sup>) program in Colorado Springs, CO (23%); Arlington, TX (25%); Round Rock, TX (18%); Camden, NJ (13%); Chantilly, VA (8%); Culver City, CA (7%); Clifton Park, NY (6%); 11 Sep 2020
  - o DARPA Arlington, VA (HR0011-20-C-0145)
- update and revise the maintenance of space situational awareness integrated capabilities sustainment performance work statement requirements in Colorado Springs, CO; and Dahlgren, VA; FA8823-20-C-0004; 16 Sep 2020
  - o SMC Peterson AFB, CO Springs, CO
- Ground-Based Electro Optical Deep Space Surveillance (GEODSS) System upgrade on Ground-Based Optical Sensor System (GBOSS) engineering and manufacturing development (EMD): complete system design; develop and/or modify software to support the system; design & build new European and Pacific sites, and add an additional sensor tower enclosure to the GEODSS White Sands Missile Range site; upgrade and/or acquire, integrate, test and field the 12 GEODSS Enhanced Technology sensor towers; and design, develop and/or acquire, integrate, test and field the 3 Advanced Technology Sensor towers; FA8823-20-C-0004; 21 Sep 2020
  - o SMC Directorate of Contracting, Peterson AFB, CO

L3 Technologies Inc. (Tempe, AZ)

- High Figure of Merit (FOM) green and white image intensifier tubes (IIT) for HH-60 Night Vision goggles used by search & rescue crews; 20 Dec 2019
  - o AFLCMC, Agile Combat Support Directorate, Human Systems Division, Wright Patterson AFB (FA8606-20-D-0002)
- MX-12389 image intensifier tubes for maintenance of AN/AVS-6 night vision system → work in NH; 30 Mar 2020
  - o DLA Land & Maritime, Aberdeen Proving Ground, MD (SPRBL1-20-D-0039)

L3Harris (Anaheim, CA) // sometimes credited as L3 – Interstate Electronics Corp.

- services & support for Flight Test Instrumentation [for nuclear weaponry] → work in Anaheim, CA (71%); Cape Canaveral, FL (23%); D.C., Bremerton, WA, Norfolk, VA, Kings Bay, GA (6%); N00030-18-C-0001; 14 May 2020
  - o contracting activity = Strategic Systems Programs, Washington, D.C.
- engineering and services support for flight test instrumentation (FTI) and readiness instrumentation (RI) systems operated in support of Trident II D5LE flight test program → Anaheim, CA (56%); Cape Canaveral, FL (27%); Bremerton, WA (2%); Kings Bay, GA (2%); D.C. (6%); Norfolk, VA (1%); Laurel, MD (2%); Silverdale, WA (2%); Barrow-in-Furness, U.K. (2%); N00030-18-C-0001; 30 Sep 2020
  - o Strategic Systems Programs, D.C.

L3Harris (Van Nuys, CA)

- additional lightening protection, Moving Target Indicator (MTI) reflectors, refurbished MTI feedhorns, and workstations for Precision Approach Radar systems in support of manned aircraft; N68335-16-D-0019; 21 Nov 2019
  - o NAWCAD Lakehurst, NJ
- AN/SPS-48G(V)<sup>16</sup> radar data processor and radar display & control function software, firmware updates for the I/Q processor & synchronizer, and other hardware changes; N00024-19-G-5500; 1 June 2020
  - o This implements a “subset of the advanced training domain requirements, correct radar performance issues and perform the engineering and development of any hardware changes that might be necessary.”
  - o NAVSEA D.C. (N00024-20-F-5502)

L3Harris (San Leandro, CA)

- supplies (a Flash X-Ray machine, a Short-Pulse Gamma Ray machine, and radiation shielding design, installation, training) enhancing Navy's ability to produce & acquire radiation hardened trusted microelectronics → San Leandro, CA (97%); Crane, IN (3%); 6 Nov 2019
  - o Naval Surface Warfare Center, Crane Division, IN (N00164-20-C-GM69)
- X-ray simulators for test and evaluation of nuclear survivability; 22 Jul 2020
  - o Defense Threat Reduction Agency, Fort Belvoir, VA (HDTRA1-20-C-0038)

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<sup>5</sup> “SAFE-SiM seeks to build a government owned and controlled, faster-than-real time modeling and simulation environment. This capability would enable rapid analysis supporting senior-level decisions for concept of operations development, force structure composition, resource allocation and targeted technology insertion.”

<sup>6</sup> The AN/SPS-48E and AN/SPS-48G are the two variants of the AN/SPS-48 radar the U.S. Navy uses. The -48G is replacing the -48E, during fiscal years 2011 through 2028.