

SDRC Team Experience

Zone 1 (Northeast). The SDRC Team currently supports NUWC Newport and SUBMEPP, Portsmouth Naval Shipyard, in Zone 1 with local offices and prime contracts

Functional Areas 3.2, 3.16, and 3.18. For the past 10 years, CACI has provided comprehensive submarine and submersible engineering support to the Portsmouth Naval Shipyard and the Deep Submergence Systems Program (DSSP) Office, to support USW weapons and vehicles and littoral warfare systems. They provide logistics support to NUWCDIVNPT Code 34 on variety of submarine systems involving USW command and control, and training support to the Portsmouth Naval Shipyard involving USW weapons and vehicles. CACI performs this work with 47 professionals.

Functional Area 3.6. CACI provides software engineering, development, programming, and network support for systems maintenance and development resources to maintain and to design, develop, and implement improvements to an enterprise information system for submarine maintenance, engineering, planning, and procurement (SUBMEPP) activity. This is under subcontract to Anteon.

Functional Areas 3.10 and 3.20. For the past 10 years, CACI has provided configuration management services to NUWCDIVNPT Code 34 on AN/BLQ-10 and program management services supporting USW command and control systems using 14 professionals.

Functional Area 3.11. CACI provides quality assurance to the enterprise information system for SUBMEPP activity involving USW weapons and vehicles. This is under subcontract to Anteon.

Functional Area 3.12, 3.17, 3.19, and 3.21. For the past 10 years, CACI has provided information systems development, information assurance, and information technology support, provided supply/provisioning, and in-service engineering support (ISEA) and administrative/office management support for clients on numerous delivery orders to NUWCDIVNPT Code 34, within the USW command and control systems product area directorate (PAD) and to the Portsmouth Naval Shipyard, by interfacing with the Navy Inventory Control Point, SUBMEPP activity, and other Defense Logistics Agency supply activities.

Zone 2 (National Capital). The SDRC Team currently supports NAVSEA Hq, NSWC Dahlgren, NAVAIR Patuxent River, NRL and ONR in Zone 2 with local offices and prime contracts.

Functional Areas 3.1, 3.2, 3.3, 3.4, 3.5, 3.6, 3.7, 3.8, 3.9, 3.10, 3.11, 3.12, 3.14, 3.15, 3.18, and 3.19. For the past 3 years, as prime contractor, SDRC has performed work in Zones 2, 4, and 6 on contract N61339-04-D-0039, valued at \$83 million. The U.S. Army Program Executive Office for Simulation, Training and Instrumentation (PEO-STRI) is responsible for the test ranges and training centers through out the United States performing many functions on the ranges such as time and space position information

(TSPI)/Global Positioning System (GPS), telemetry, vehicle status, situational awareness, audio, video, flight control, flight termination, scoring, meteorology, range safety, and test control and coordination. This contract includes but is not limited to designing, developing, integrating, initial functional testing, documenting, system and software analysis, system and software design and development, and in-plant (“initial”) system integration and testing of the Communications Upgrade to the Operational Test – Tactical Engagement System (OT-TES), primarily the OT-TES Networked Communications System. SDRC also serves as the Lead System Integrator (LSI) for this effort. SDRC performs this work with 50 professionals of which 27% have PhD and 24% have Masters Degrees

Functional Areas 3.1, 3.2, 3.3, 3.4 and 3.5. For 8 years, CACI has provided R&D, system engineering on MFR, NIFC-CA, and AEGIS systems, M&S on SSDS MK1 and 2 and network analysis, prototype development including MFR, SSDS, and CEC, system description documentation, test plans and technical data, support to NAVSEA, NSWC PHD, and PEO for combat weapon system development on board surface ships.

Functional Area 3.1. For 19 years, CACI has provided R&D support to NAVSEA, APL, NRL, ONR and PEO Engineers in surface ships (DDX), advanced radars (MFR), weapon systems (NIFC-CA), and EW programs, using 16 engineers. This is under subcontract to JHU.

Functional Area 3.2. For 19 years, CACI has provided engineering support to NAVSEA, NSWC Dahlgren, APL, and PEO Engineers in surface ships (DDX), advanced radars (MFR), weapon systems (NIFC-CA) and strategic systems (SLBM), using 41 engineers.

Functional Area 3.3. For 40 years, CACI has provided modeling and simulation support to NAVSEA, NSWC Dahlgren, Joint Warfare Commands and NAVSEA PEOs for combat and weapon systems development (SLBM), logistics (RBS), and network and joint warfare analysis (JWARS), using 12 engineers.

Functional Area 3.4. For more than 20 years, CACI has provided prototype development support to the Naval Research Laboratory, on systems such as ALE-50, ALE-55 and the Finder mini-UAV.

Functional Area 3.5. For 20 years, CACI has provided system description documentation and technical data to NAVSEA, NSWC Dahlgren, PEO IWS, and APL on surface ships (DDX), advanced radars (MFR).

Functional Area 3.6. For 20 years, CACI has provided software support to NAVSEA, NSWC Dahlgren, PEO IWS, APL, and NRL on surface ship command and control systems (ACDS, SSDS, CEC, SGS/AC).

Functional Area 3.7. For 20 years, CACI has provided RMA engineering, FRACAS and COTS life-cycle management to NAVSEA and PEO engineers in surface ship (DDG51) and weapon system (CIWS) programs.

Functional Area 3.8. For 20 years, CACI has provided human factors engineering and assessment analysis integrated into our software/system design and development efforts for NAVSEA, PEO, and NSWC managers in strategic weapons, undersea warfare weapons, and Fleet material programs using 16 professionals.

Functional Area 3.9. For 20 years, CACI has provided systems safety support that includes development of system safety program plans, conduct of preliminary hazard analysis, and software hazard analysis. This is under subcontract to Raytheon.

Functional Areas 3.10, 3.11, 3.12, 3.14, 3.16, 3.17, 3.18, 3.19, 20, and 3.21. For 30 years, CACI has provided configuration identification, change control, status accounting, audit, formal qualification and testing, IS/IT, interoperability and T&E. Also, strategic planning, engineering, management, product development, supportability and tradeoff analysis, technical coding, and operational effectiveness assessments, training, ISEA, program management and administrative support to NSWC Dahlgren, NAVSEA, APL, NRL, NSWC logistics managers, and NAVSEA PEOs configuration managers. The work under Functional Area 3.12 is subcontracted with General Dynamics; Functional Area 3.14 is subcontracted to Raytheon; Functional Area 3.17 is subcontracted to Anteon; and the work under Functional Areas 3.19 and 3.20 is subcontracted to EG&G.

Zone 3 (Mid-Atlantic). The SDRC Team currently supports NSWC PHD Virginia Beach Detachment and SPAWAR Systems Center Charleston in Zone 3 with local offices and prime contracts.

Functional Area 3.8. For 8 years, CACI has developed comprehensive operational interactive software training tools and classroom curriculum for autonomous as well as platform and battle group human-machine integration analysis.

Functional Area 3.9. For 8 years, CACI personnel have supported T&E, combat system assessment, CSSQTS, mission control panels, mission readiness panels, test control panels, software system safety technical review panel (SSSTRP), weapon system explosives safety review board (WSESRB) for NAVSEA, NSWC PHD and NSWC Dahlgren.

Functional Area 3.10. For 8 years, CACI has provided configuration identification, change control, status accounting, audit, formal qualification and testing, complex test and evaluation (T&E) missions support to NAVSEA and NSWC PHD configuration managers in surface platforms (CVN, LHA, LPD-17, LPH, LSD-41), weapon (RAM, NSSMS, CIWS), combat (AWS, SSDS) and engagement (CEC) system programs.

Functional Area 3.15. For 7 years, CACI personnel have supported multi-site electronic links with the Norfolk Naval Base, NSWC Dahlgren, NAWC Patuxent River, Eastville/Reedville Tower, and ACSC/SCSC Wallops Island.

Functional Areas 3.18, 3.19 and 3.21. CACI has provided maintenance and operator training, ISE, Fleet introduction and INCO, program management and administrative support in support of NAVSEA, PEO, and various NSWCs on 11 contracts.

Zone 4 (Gulf Coast). The SDRC Team currently supports Army and Air Force customers in Zone 4 with local offices and prime contracts.

Functional Areas. 3.1, 3.2, 3.3, 3.4, 3.5, 3.6, 3.7, 3.8, 3.9, 3.10, 3.11, 3.12, 3.14, 3.15, 3.18, and 3.19. For the past 3 years, as prime contractor, SDRC has performed work in Zones 2, 4, and 6 on contract N61339-04-D-0039, valued at \$83 million. The U.S. Army Program Executive Office for Simulation, Training and Instrumentation (PEO-STRI) is responsible for the test ranges and training centers through out the United States performing many functions on the ranges such as time and space position information

(TSPI)/Global Positioning System (GPS), telemetry, vehicle status, situational awareness, audio, video, flight control, flight termination, scoring, meteorology, range safety, and test control and coordination. This contract includes but is not limited to designing, developing, integrating, initial functional testing, documenting, system and software analysis, system and software design and development, and in-plant (“initial”) system integration and testing of the Communications Upgrade to the Operational Test – Tactical Engagement System (OT-TES), primarily the OT-TES Networked Communications System. SDRC also serves as the Lead System Integrator (LSI) for this effort. SDRC performs this work with 50 professionals of which 27% have PhD and 24% have Masters Degrees.

Functional Area 3.2. CACI has been a leader in business process analysis, modeling, simulation, and redesign for more than ten years. As a subcontractor to General Dynamics, they developed and maintain a commercially available product, SIMPROCESS™ that is a leader in business process simulation products. They have completed projects ranging from the Census 2000 to Manpower & Personnel for the Navy to delivering a large enterprise project, Integrated Maintenance Data System (IMDS) for a USAF Aircraft Maintenance customer.

Functional Area 3.4. CACI, as a lead subcontractor under General Dynamics, is performing business process analysis and functional requirements baseline for multiple legacy Air Force aircraft maintenance systems to move to a single integrated architecture.

Functional Area 3.14. As a subcontractor to Sverdrup, CACI provides all forms of developmental test and evaluation, live fire test and evaluation, operational test and evaluation, joint test and evaluation, and tactics development and evaluation activities in support of weapons systems, electronic warfare systems, and test/training range systems.

Functional Area 3.16. CACI has a growing acquisition logistics capability. With key offices located at Robins AFB, GA, and Eglin AFB, FL, CACI personnel perform key logistics activities in supply chain management, maintenance repair and operability (MRO), reliability forecast modeling, critical parts, technical orders development and maintenance, item management, and financial analysis.

Zone 5 (Midwest). The SDRC Team currently supports NSWC PHD Louisville Detachment and NSWC Crane in Zone 5 with local offices and prime contracts.

Functional Area 3.1. For 2 years CACI has provided technical documentation and a working prototype for test and evaluation, and earned value management system support to NSWC PHD Louisville Detachment on the EX 45 weapon system and the advanced gun system for the DD(X) program.

Functional Area 3.2. For 7 years, CACI has provided engineering and technical support to NSWC PHD Louisville Detachment on gun weapon systems in the surface ship combat systems and surface warfare logistics and maintenance product areas.

Functional Area 3.3. CACI provides modeling and simulation to NSWC PHD Louisville Detachment for the NDIA ASUW Study in the surface ship combat systems product area. CACI provides the hardware, software, and training necessary to establish the in-house modeling and simulation capability used for client participation in study team exercises.

Functional Area 3.4. For 7 years CACI has provided prototype development and fabrication support to NSWC PHD Louisville Detachment on various components of the MK 34 gun weapon system, MK 45 gun mount, and decoy launching systems in surface ship combat systems and surface warfare logistics and maintenance product areas.

Functional Area 3.5. For 7 years, CACI has provided technical drawing and technical manual support to NSWC PHD Louisville Detachment on various components of the MK 34 gun weapon system, MK 45 gun mount, and decoy launching systems in surface ship combat systems and surface warfare logistics and maintenance product areas.

Functional Area 3.6. For 10 years, CACI has provided software design, development, and engineering support to NSWC Crane, various NAVSUP commands, and the Marine Corps, for the Retail Ordnance Logistics Management System (ROLMS), the Unit Level Ammunition Status (ULAS), and other ammunition management systems in support of the ordnance product area.

Functional Area 3.7. For 7 years CACI has provided RM&A support to NSWC PHD Louisville Detachment on the MK 34 gun weapon system and the Phalanx close-in weapon system in the surface ship combat systems and surface warfare logistics and maintenance product areas.

Functional Area 3.9. For 7 years, CACI has provided technical design reviews and analysis to NSWC PHD Louisville Detachment on major, medium, and minor caliber gun mounts in the surface ship combat systems and surface warfare logistics and maintenance product areas.

Functional Area 3.10. For 7 years, CACI has provided CM support to NSWC PHD Louisville Detachment on MK 34 gun weapon systems, major, medium and minor gun mounts, and close-in weapon systems in the surface ship combat systems, surface warfare logistics, and maintenance product areas.

Functional Area 3.11. For 7 years, CACI has provided standardized engineering processes to NSWC PHD Louisville Detachment for all assigned tasks in the surface ship combat systems product area.

Functional Area 3.12. For 10 years, CACI has provided IS development, IA, and IT support to NSWC Crane, various NAVSUP commands, and the Marine Corps for the ordnance product area.

Functional Area 3.13. For 7 years, CACI has provided technical support services to NSWC PHD Louisville Detachment on the close-in weapon system in the surface ship combat systems and surface warfare logistics and maintenance product areas.

Functional Area 3.14. For 7 years, CACI has provided shipboard testing procedures to NSWC PHD Louisville Detachment on the MK 34 gun weapon system and the MK 45 gun mounts in the surface ship combat systems and surface warfare logistics and maintenance product areas.

Functional Area 3.15. For 7 years, CACI has provided system integration test support to NSWC PHD Louisville Detachment on MK 34 gun weapon systems in the surface ship combat systems and surface warfare logistics and maintenance product areas.

Functional Area 3.16. For 7 years, CACI has provided strategic planning, engineering, management, and product development support to NSWC PHD Louisville Detachment on MK 34 gun weapon system and the MK 45 gun mounts in the surface ship combat systems product area.

Functional Area 3.17. For 7 years, CACI has provided design review and technical analysis support to NSWC PHD Louisville Detachment on MK 34 gun weapon systems and MK 45 gun mounts in the surface ship combat systems and surface warfare logistics and maintenance product areas.

Functional Area 3.18. For 5 years, CACI has provided training curriculum and interactive training CDs to NSWC PHD Louisville Detachment on various aspects of the MK 45 gun mount in surface ship combat systems product area.

Functional Area 3.19. For 7 years, CACI has provided field service engineering support to NSWC PHD Louisville Detachment on the MK 34 gun weapon system and the MK 45 gun mounts in the surface ship combat systems and surface warfare logistics and maintenance product areas.

Functional Area 3.20. For 7 years, CACI has provided financial planning and management to NSWC PHD Louisville Detachment for the Gun Weapon System Replacement Program (GWSRP) in surface ship combat systems product area.

Functional Area 3.21. For 7 years CACI, has provided administrative support services to NSWC PHD Louisville Detachment on the MK 34 gun weapon system and MK 45 gun mounts in the surface ship combat systems product area.

Zone 6 (Southwest). The SDRC Team currently supports NSWC Port Hueneme and SPAWAR Systems Center San Diego in Zone 6 with local offices and prime contracts.

Functional Areas 3.1, 3.2, 3.3, 3.4, 3.5, 3.6, 3.7, 3.8, 3.9, 3.10, 3.11, 3.12, 3.14, 3.15, 3.18 and 3.19. For the past 3 years, as prime contractor, SDRC has performed work in Zones 2, 4, and 6 on this contract N61339-04-D-0039, valued at \$83 million. The U.S. Army Program Executive Office for Simulation, Training and Instrumentation (PEO-STRI) is responsible for the test ranges and training centers through out the United States performing many functions on the ranges such as time and space position information (TSPI)/Global Positioning System (GPS), telemetry, vehicle status, situational awareness, audio, video, flight control, flight termination, scoring, meteorology, range safety, and test control and coordination. This contract includes but is not limited to designing, developing, integrating, initial functional testing, documenting, system and software analysis, system and software design and development, and in-plant (“initial”) system integration and testing of the Communications Upgrade to the Operational Test – Tactical Engagement System (OT-TES), primarily the OT-TES Networked Communications System. SDRC also serves as the Lead System Integrator (LSI) for this effort. SDRC performs this work with 50 professionals of which 27% have PhD and 24% have Masters Degrees.

Functional Area 3.1. For 8 years, CACI has provided R&D support to NAVSEA and NSWC PHD for combat weapon system development on board surface ships.

Functional Area 3.2. For 8 years, CACI has provided engineering support to NAVSEA, NSWC PHD, and PEO engineers in surface ships, MFR, weapon systems (NIFC-CA), and advanced combat weapon systems (AEGIS).

Functional Area 3.3. For 8 years, CACI has provided modeling and simulation (M&S) support to NAVSEA and NSWC PHD for combat and weapon systems development and training, strategic systems, SSDS MK 1 and 2 life cycle maintenance, and network analysis.

Functional Area 3.4. For 8 years CACI has provided prototype development support to NAVSEA and NSWC PHD engineers on MFR, SSDS, and CEC, as well as developed numerous extraction and data reduction tools to support T&E efforts for emerging combat system elements and self-defense systems.

Functional Area 3.5. For 8 years, CACI has provided system description documentation, test plans, and technical data to NAVSEA and NSWC PHD.

Functional Area 3.6. For 8 years, CACI has provided software support to NAVSEA and NSWC PHD on surface ship command and control systems (ACDS, SSDS, CEC, and SGS/AC), logistics efforts, modeling and simulation, and information technology.

Functional Area 3.7. For 7 years, CACI has provided RM&A engineering, COTS assessment/integration and failure analysis/corrective action planning to NAVSEA and NSWC PHD and weapon system (AEGIS, CEC, SSDS) programs.

Functional Area 3.8. For 8 years, CACI has developed comprehensive operational interactive software training tools and classroom curriculum for autonomous as well as platform and battle group human-machine integration analysis.

Functional Area 3.9. For 8 years, CACI technical personnel have supported T&E, combat system assessment, CSSQTS, mission control panels, mission readiness panels, test control panels, Software System Safety Technical Review Panel (SSSTRP), and Weapon System Explosives Safety Review Board (WSESRB) for NAVSEA, NSWC PHD, and NSWC Dahlgren.

Functional Area 3.10. For 8 years, CACI has provided configuration identification, change control, status accounting, and audit support to NAVSEA and NSWC PHD configuration managers in surface platforms (CVN, LHA, LPD-17, LPH, LSD-41), weapon (RAM, NSSMS, CIWS), combat (AWS, SSDS) and engagement (CEC) system programs.

Functional Area 3.11. For 8 years CACI has provided formal qualification and testing support to NSWC PHD in surface platforms (CVN, LHA, LPD-17, LPH, and LSD-41), weapon, and combat system programs.

Functional Area 3.12. For 5 years, CACI has provided information systems (IS), information assurance (IA), and information technologies (IT) support to NSWC PHD, Naval Facilities Expeditionary Logistics Center (NFELC) on ACS RMS EIS, SSDS simulator, RMS IS, and training lab scheduling Web site, CEC configuration management IS, and the Senior Scout configuration management and logistics support IS.

Functional Area 3.14. For 8 years, CACI has successfully supported NSWC PHD on complex efforts to provide insights into managing requirements and critical issues while performing the test and evaluation (T&E) mission.

Functional Area 3.15. For 7 years, CACI personnel from their Oxnard and San Diego offices have supported multi-site electronic links with the Norfolk Naval Base, NSWC Dahlgren, NAWC Patuxent River, Eastville Tower, and ACSC/SCSC Wallops Island, providing a broad range of electronic signals for joint testing and training in the adjoining Virginia Capes operating area.

Functional Area 3.16. For 8 years CACI has provided strategic analytical disciplines, acquisition logistics, multi-functional management, and product development/support to NAVSEA and NSWC PHD logistics managers.

Functional Area 3.17. CACI has provided both supply and provisioning support to NAVSEA, PEO and various NSWCs logistics managers.

Functional Area 3.18. CACI provides both maintenance and operator training support in support of NAVSEA, PEO, and various NSWCs, using a staff of eight.

Functional Area 3.19. For 8 years, CACI has provided direct ISE, Fleet introduction, and INCO support to NAVSEA, PEO, and various NSWCs. Support consists of engineering problem investigations and analysis.

Functional Area 3.20. For 8 years, CACI has provided program management support to NAVSEA, PEO, and various NSWCs, for work breakdown structure development, task planning sheets and SEATASKs development, budget rebuttal position papers generation, financial management and tracking, and out-year budget requirements.

Functional Area 3.21. CACI provides clerical and administrative support required for seamless operation of offices and support functions for NAVSEA, PEO, and various NSWCs.

Zone 7 (Northwest). The SDRC Team currently supports NUWC Keyport and FISC Puget Sound with local offices and prime contracts.

Functional Areas 3.1 and 3.2. Over the past three years, CACI has provided R&D, engineering, and modeling and analysis support to various NAVSUP commands and the Marine Corps for the development of ammunition management systems and the mobile Fleet support team's training programs for the ordnance product area.

Functional Area 3.16 and 3.20. Over the past 10 years, CACI has provided acquisition, program and testing support to various NAVSUP commands and the Marine Corps, for the development of ammunition management systems and the Mobile Fleet Support Team's (MFST) training.