

**UNCLASSIFIED**

**Exhibit R-2, RDT&E Budget Item Justification:** PB 2025 Navy **Date:** March 2024

<b>Appropriation/Budget Activity</b> 1319: <i>Research, Development, Test &amp; Evaluation, Navy / BA 3: Advanced Technology Development (ATD)</i>	<b>R-1 Program Element (Number/Name)</b> PE 0603758N / <i>Navy Warfighting Exp &amp; Demo</i>
---	--

COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
Total Program Element	0.000	96.603	75.898	97.615	-	97.615	104.915	114.587	117.719	120.059	Continuing	Continuing
1097: <i>NavalX (Naval Accelerator)</i>	0.000	0.000	0.000	26.453	-	26.453	26.733	27.118	25.528	25.937	Continuing	Continuing
2918: <i>Navy Warfighting Experiments and Demo</i>	0.000	74.400	75.898	71.162	-	71.162	78.182	87.469	92.191	94.122	Continuing	Continuing
9999: <i>Congressional Adds</i>	0.000	22.203	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	22.203

**Note**

In order to provide greater transparency and execution oversight in the area of Navy Warfighting Experimentation and Demonstration efforts under NavalX, Project 1097 had been created in this program element. This effort was previously funded within the PE, 0603758N, PU 2918. This is not a new start.

**A. Mission Description and Budget Item Justification**

The Office of Naval Research (ONR) guides ongoing research and innovation operations in the pursuit of novel and decisive capabilities for our Sailors and Marines. ONR manages a broad, but priority-driven investment portfolio of near to long-term basic and applied research. This Program Element (PE) develops Science and Technology (S&T) breakthroughs to meet current operational needs, from prototyping solutions for warfighters, to Fleet experimentation and operational demonstrations including Fleet Battle Problems (FBP), Limited Objective Experiments (LOEs) and Fleet/Force exercises. The key aspects of this PE are divided into six areas supporting the continuum of S&T and innovation operations from discovery to delivery: (1) Naval Warfare Experimentation develops rapid prototypes and through innovation operations, provides them to the warfighter for experimentation during operational demonstrations and exercises; (2) Operations Analysis provides the Navy and Marine Corps the means to identify capability needs that can be addressed with science and technology solutions and inform future investment; (3) NavalX applies innovation operations to develop, demonstrate, and transition newly invented or recently discovered technologies that address emergent and enduring operational problems in an accelerated timeframe; (4) Tech Solutions to include Tech Bridge industry scanning allows the ability to rapidly prototype science and technology solutions that address Fleet/Force needs submitted by Sailors and Marines within the development environment and at the deck plate level; (5) support for the Naval Precision Strike Operations, providing the Navy capability to quickly locate, target, and strike critical targets; and (6) Undersea Systems Payloads and Weapons, addressing innovative affordable, persistent, and stealthy undersea system.

Today's Sailors and Marines are enabled by naval Science and Technology (S&T). Since 1946, the Office of Naval Research (ONR) has fostered scientific research related to the maintenance of maritime superiority and national defense. ONR manages the Department of the Navy's (DON) portfolio of naval Basic and Applied research, and Advanced Technology Development investments to ensure naval forces can effectively deter conflict, but when called upon, fight, win and come home safe. Current investments hedge against uncertainty, providing solutions to commanders today, and options for the future. The Naval S&T budget supports higher guidance defined by the National Defense Strategy, and responds to requirements identified by the Secretary of the Navy through research priorities set by the Chief of Naval Research, coordinated across the Naval Research Enterprise (NRE), and outlined in the Naval R&D Framework.

**UNCLASSIFIED**

<b>Exhibit R-2, RDT&amp;E Budget Item Justification:</b> PB 2025 Navy	<b>Date:</b> March 2024
---	-------------------------

<b>Appropriation/Budget Activity</b> 1319: <i>Research, Development, Test &amp; Evaluation, Navy / BA 3: Advanced Technology Development (ATD)</i>	<b>R-1 Program Element (Number/Name)</b> PE 0603758N / <i>Navy Warfighting Exp &amp; Demo</i>
---	--

This Program Element (PE) funds Advanced Technology Development (ATD) that includes development of subsystems and components and efforts to integrate subsystems and components into system prototypes for field experiments and/or tests in a simulated environment. Efforts in this PE generally have Technology Readiness Levels (TRL) of 4 (component and/or breadboard validation in laboratory environment.), 5 (component and/or breadboard validation in relevant environment.), or 6 (system/subsystem model or prototype demonstration in a relevant environment).

Due to the number of efforts in this PE, the programs described herein are representative of the work included in this PE.

<b>B. Program Change Summary (\$ in Millions)</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>
Previous President's Budget	99.020	75.898	78.446	-	78.446
Current President's Budget	96.603	75.898	97.615	-	97.615
Total Adjustments	-2.417	0.000	19.169	-	19.169
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-2.417	0.000			
• Program Adjustments	0.000	0.000	19.169	-	19.169
• Rate/Misc Adjustments	0.000	0.000	0.000	-	0.000

**Congressional Add Details (\$ in Millions, and Includes General Reductions)**

**Project:** 9999: *Congressional Adds*

Congressional Add: *Naval tech bridges*

Congressional Add: *Small unmanned surface vessels for expeditionary forces*

Congressional Add: *Swampworks*

Congressional Add: *SCOUT experimentation campaign*

	<b>FY 2023</b>	<b>FY 2024</b>
Congressional Add: <i>Naval tech bridges</i>	4.827	0.000
Congressional Add: <i>Small unmanned surface vessels for expeditionary forces</i>	4.827	0.000
Congressional Add: <i>Swampworks</i>	4.826	0.000
Congressional Add: <i>SCOUT experimentation campaign</i>	7.723	0.000
Congressional Add Subtotals for Project: 9999	22.203	0.000
Congressional Add Totals for all Projects	22.203	0.000

**Change Summary Explanation**

Funding: Increase in FY25 associated with requirement to fund S&T to Defense Planning Guidance (DPG) thresholds and realignment of funds to Project 1097 from NavalX's portion of 0602123N Project 0000 Naval Research Enterprise NIPA project which was zeroed out for FY25 and funding and associated plans

**UNCLASSIFIED**

**Exhibit R-2, RDT&E Budget Item Justification:** PB 2025 Navy **Date:** March 2024

**Appropriation/Budget Activity**  
1319: *Research, Development, Test & Evaluation, Navy / BA 3: Advanced Technology Development (ATD)*

**R-1 Program Element (Number/Name)**  
PE 0603758N / *Navy Warfighting Exp & Demo*

realigned into PE 0603758N, Project 1097. DPG funding increases also applied to various R-2 Activities under Project 2918. Funding increase statements are provided in Project 2918 under those increased R-2 Activities.

Technical: New research efforts for Project 1097 and 2918.

Schedule: No significant change.

**UNCLASSIFIED**

<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 Navy										<b>Date:</b> March 2024		
<b>Appropriation/Budget Activity</b> 1319 / 3					<b>R-1 Program Element (Number/Name)</b> PE 0603758N / Navy Warfighting Exp & Demo				<b>Project (Number/Name)</b> 1097 / NavalX (Naval Accelerator)			
<b>COST (\$ in Millions)</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
1097: NavalX (Naval Accelerator)	0.000	0.000	0.000	26.453	-	26.453	26.733	27.118	25.528	25.937	Continuing	Continuing
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

**Note**

Investments in Project 1097 NavalX (Naval Accelerator) were previously funded in this same PE under Project 2918 in the Naval Warfare Experimentation, Operations Analysis, and Swampworks activities. This new Project was created to promote greater transparency and execution oversight for NavalX execution and investments across innovation lines of effort. This is not a new start.

**A. Mission Description and Budget Item Justification**

NavalX powers the rapid development and deployment of relevant technologies that solve User-defined and User-owned problems through a collaborative Naval Enterprise approach. Through intentional innovation operations in the pursuit of novel and decisive capabilities for our Sailors and Marines, NavalX is focused on delivering disruptive capabilities that address operational problems within 5 years.

Investments in Project 1097 were previously funded in this same PE under pieces of several projects spread across Project 2918 and in PE 0602123N/0000. This new Project was created to promote greater transparency for NavalX execution and investments across innovation lines of effort. This Project consolidates several prior year projects to be managed and executed by NavalX. NavalX executes several lines of effort in support of its vision to materialize new Fleet capabilities through innovative product and solution development: (1) Naval Warfare Experimentation (investments previously funded in 0603758N/2918/Naval Warfare Experimentation) develops rapid prototypes through innovation operations, and transitions them to the warfighter for further iteration and technology incubation, aligned with Fleet demonstrations and exercises; (2) Technology Analysis, Development, and Investments (investments previously funded in 0603758N/2918/Operations Analysis) provides the Navy and Marine Corps the means to address capability gaps with technology solutions from the defense and commercial marketplaces, along with kickstart initial capital investment to mature the technology and integrate into the Naval mission architecture; (3) Innovation Agility (investments previously funded in 0603758N/2918/Swampworks) develops, demonstrates, and transitions newly invented or recently discovered technologies that address emergent and enduring operational problems in an accelerated timeframe, including digital environments that support innovation operations and Innovation Protection Policy (IPP); (4) Tech Bridges (investment previously funded in 0603758N/2918/Swampworks) cultivate local business ecosystems in order to facilitate tech scanning across non-traditional and small business startups to enable incubation, prototyping, and transition of technology solutions that rapidly address Fleet/Force needs; and (5) Innovation Operations (NRE) (investment previously funded in 0602123N/0000/Naval Research Enterprise) supports mission-driven problem solving within the Naval Research and Development Establishment (NR&DE) and academia in support of culture, organizational, and business changes to enable agile and rapid prototyping, development, and transition processes across the DON.

**B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)**

	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>
<b>Title:</b> Naval Warfare Experimentation (NavalX)	0.000	0.000	2.485	0.000	2.485

**UNCLASSIFIED**

<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 Navy		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 1319 / 3	<b>R-1 Program Element (Number/Name)</b> PE 0603758N / Navy Warfighting Exp & Demo	<b>Project (Number/Name)</b> 1097 / NavalX (Naval Accelerator)

**B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)**

	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
<b>Articles:</b>	-	-	-	-	-
<p><b>Description:</b> The objective of this activity is to capitalize technology breakthroughs of Government and Industry to develop and integrate components, including subsystems, into prototypes quickly, mature into products, and provide to the warfighter for experimentation, field experiments and/or tests in simulated or actual environments. NavalX, through the use of Navy Warfare Development Command (NWDC) Fleet Experimentation (FLEX) events, iterates throughout the innovation process to achieve optimal warfighter results. The net results are early warfighter feedback to refine and transition innovative capabilities.</p> <p>An example of Naval Warfare Experimentation that NavalX will execute is the Integrated Battle Problem 24 operational experiment in which ONR/NavalX partnered with Pacific Fleet to insert approximately 29 unmanned systems into a large scale fleet environment and determine their ability to address key operational problems.</p> <p><b>FY 2024 Plans:</b> N/A</p> <p><b>FY 2025 Base Plans:</b> Manage an NRE experimentation plan which will guide multi-year technology development efforts in response to emerging concepts and doctrine. Leverage experimentation as an excursion to traditional programs to address additional warfighter needs and/or mitigate capability delivery risk.</p> <p>Continue to maintain and leverage innovation experimentation opportunities to guide prioritized concept investigations and iterations in support of fleet/force needs and strategic technology development initiatives.</p> <p>Continue Fleet engagement and experimentation plans for technology assessments, including Integrated Battle Problem 25, UNITAS, COMPACFLT PACIFIC DRAGON, and others. Conduct tech scans, tech assessments, and follow-up technology transition engagements.</p> <p>Conduct large scale service-level experimentation and international experimentation to incubate and mature prototype technologies and capabilities with Fleet and Force input to establish concept potential and to inform NR&amp;DE transition and investment decisions.</p> <p><b>FY 2025 OCO Plans:</b></p>					

**UNCLASSIFIED**

<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 Navy		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 1319 / 3	<b>R-1 Program Element (Number/Name)</b> PE 0603758N / Navy Warfighting Exp & D emo	<b>Project (Number/Name)</b> 1097 / NavalX (Naval Accelerator)

<b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>
N/A					
<p><b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> FY2024 to FY 2025 increase associated with the realignment within PE 0603758N to Project 1097 Naval Warfare Experimentation (NavalX) from Project 2918 and Activity Naval Warfare Experimentation.</p> <p><b>Title:</b> Technology Analysis, Development, and Investments (NavalX)</p> <p align="right"><b>Articles:</b></p> <p><b>Description:</b> This project includes the technology transition kickstarter initiatives which solve mission focused, human centered challenges using innovation and design thinking methods. Technology initiatives tailor the investment, development, and solution generation methods to the respective topic and scope.</p> <p><b>FY 2024 Plans:</b> N/A</p> <p><b>FY 2025 Base Plans:</b> Continue projects that solve mission focused, human-centered challenges using innovation and systems engineering methods for the Navy and United States Marine Corps (USMC) by providing initial kickstarter investment to analysis, development, and transition new technologies through the innovation operations cycle. NavalX will support discovery of trends, sharing lessons learned, and empowering the workforce to solve problems and build their agility skills by providing high-quality, low friction training and support to equip commands with warfighter centered fundamentals.</p> <p><b>FY 2025 OCO Plans:</b> N/A</p> <p><b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> FY2024 to FY 2025 increase associated with the realignment within PE 0603758N to Project 1097 Naval Warfare Experimentation (NavalX) from Project 2918 Operations Analysis Activity starting in FY 2025.</p>	0.000	0.000	2.000	0.000	2.000
	-	-	-	-	-
<p><b>Title:</b> Innovation Agility (NavalX)</p> <p align="right"><b>Articles:</b></p> <p><b>Description:</b> The Innovation Agility portfolio responds to opportunities for rapid and disruptive technologies to meet urgent warfighter needs, and addresses technology and sailor performance issues identified during experiments, exercises, and demonstrations.</p>	0.000	0.000	4.042	0.000	4.042
	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 Navy		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 1319 / 3	<b>R-1 Program Element (Number/Name)</b> PE 0603758N / Navy Warfighting Exp & D emo	<b>Project (Number/Name)</b> 1097 / NavalX (Naval Accelerator)

**B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)**

	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>
<p>NavalX Agility explores high-risk, disruptive, and innovative technologies and concepts that advance naval warfighter's capabilities. The program has substantial programmatic flexibility and is not limited to any set of technology areas. Ultimately, the goal is to provide a dramatic improvement for the warfighter at a rapid pace. Some of these technologies may become part of a follow-on technology development, may end up in the hands of the warfighter for Fleet/ Force experimentation, or may culminate in a significant Fleet/Force exercise that demonstrates capability that transitions into the Acquisition Program of Record (POR). NavalX builds an agile, collaborative, and connected Naval network to pursue high-risk, disruptive, and innovative technologies and concepts that advance naval warfighter's capabilities.</p> <p>Innovation Agility includes the digital environments needed to develop technologies rapidly and efficiently. Innovation Agility digital environments include automated test and re-test functionality to develop, demonstrate, and evaluate small business technologies and disruptive capabilities, evaluate cybersecurity, and provide a low barrier of entry for small businesses and new startups to integrate with Naval systems and missions. These digital environments provide for Model-Based Systems Engineering to do evaluation of technologies in the context of Naval missions and priority kill chains and support integration and interoperability with Naval systems unable to be tested/integrated traditionally at physical test sites.</p> <p>Innovation Agility encompasses efforts that transform the Navy's innovation culture. Innovation Agility focuses on training and scaling of non-traditional innovation methods with programs like Hacking for Defense (H4D), the Center for Adaptive Warfighting (CAW), Workforce Agility (WFA) courses, and university outreach, course development and partnerships across the country, including relationships and investments with the Naval Postgraduate School (NPS) and direct connections to Naval Tech Bridge activities. H4D is taught in 60 university curricula, has worked over 750 defense related problems since 2016, and has a fall 2023 enrollment of over 550 student, CAW has more than 6,000 graduates and 300 trainers from the Navy, Marine Corps, and civilian workforce. WFA has facilitated workshops across the DoN for over 650 customers and over 120 hours of facilitated innovation sessions. Innovation Agility culture efforts seek to train the DoN workforce and build innovation expertise from within.</p> <p><b>FY 2024 Plans:</b> N/A</p> <p><b>FY 2025 Base Plans:</b></p>					

**UNCLASSIFIED**

<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 Navy		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 1319 / 3	<b>R-1 Program Element (Number/Name)</b> PE 0603758N / Navy Warfighting Exp & D emo	<b>Project (Number/Name)</b> 1097 / NavalX (Naval Accelerator)

**B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)**

	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>
Innovation Agility projects will continue to be aligned with National Defense Strategy, OSD Modernization Priorities and CNO / CMC Guidance. Apply the NavalX Innovation pipeline concept to source, curate, scan, incubate, prototype, validate, field and sustain new technologies to accelerate the discovery, development of new technologies and capabilities for naval warfighters. NavalX will continue to support discovery of trends, sharing lessons learned, and empowering the workforce to solve problems and build their agility skills by providing high-quality, low-friction training and support to equip commands with warfighter-centered fundamentals. NavalX will leverage its agility workforce initiatives to create and shape the innovation workforce of the DON, focused on the product development marketplace that transitions and incubates technologies to scale. Innovation in the military marketplace requires training and an agility and innovative mindset fostered by NavalX Innovation Agility.					
Develop and deliver the Innovation Agility digital environment including integration of Automated Test and Re-Test, Model-Based Systems Engineering, Cybersecurity, Force-Level Integration and assessment, and other virtual- and cloud-based tools to lower the barrier of entry for new small businesses and startups. Digital environment will directly map to the Innovation Operations pipeline and support the transition and development of new technology solutions. Continue innovation workforce training and culture efforts including, H4D, CAW and WFA to foster a culture and educated workforce that encourages innovation, problem solving, and achievement using industry best-practices.					
<b>FY 2025 OCO Plans:</b> N/A					
<b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> FY2024 to FY 2025 increase associated with the realignment within PE 0603758N to Project 1097 Naval Warfare Experimentation (NavalX) from Project 2918 Swampworks Activity starting in FY 2025.					
<b>Title:</b> Tech Bridges (NavalX)	0.000	0.000	9.775	0.000	9.775
<b>Articles:</b>	-	-	-	-	-
<b>Description:</b> NavalX builds an agile, collaborative, and connected Naval business network via regional Technology Bridges (Tech Bridges) to cultivate the startup and development of new small businesses and industry thinking that can drive high-risk, disruptive, and innovative technologies and concepts that advance naval warfighter's capabilities. Tech Bridges are focused on developing and cultivating local and state business ecosystems that support regional jobs, businesses, startups, and investment opportunities related to Naval technology development. Tech Bridges align with Defense Innovation Unit (DIU), National Security Innovation					

**UNCLASSIFIED**

<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 Navy		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 1319 / 3	<b>R-1 Program Element (Number/Name)</b> PE 0603758N / Navy Warfighting Exp & Demo	<b>Project (Number/Name)</b> 1097 / NavalX (Naval Accelerator)

**B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)**

	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>
<p>Network (NSIN), AFWERX (a Technology Directorate of the Air Force Research Laboratory (AFRL) for accelerated technology development), and other DoD mission accelerator centers and provide a critical Naval integration point for supporting innovation across the services and across accelerator offices.</p> <p>Tech Bridge ecosystem development helps to foster innovation and startup opportunities across local, regionals, and state business sectors and helps to develop partnerships with local business development organizations and investments. Tech Bridges align with and leverage all of the execution authority of the T2 program and helps to ensure partnerships across PIAs, Labs, Warfare Centers, and other DoD organizations.</p> <p>Tech Bridges support regional technology innovation challenges addressing critical Naval mission problems; increase participation of small- and medium-sized business in the defense industrial base; produce and deliver dual-use prototypes in partnership with the local/regional commercial sector, and support regional operational experimentation events. Tech Bridges are an ASN(RDA) initiative under NavalX and sponsored by ONR. Currently, sixteen Tech Bridges have been established across the U.S. plus one in London and Japan with the mission to promote regional/local collaborations in support of DON and national security missions. While each Tech Bridge may focus on their specific local/regional challenges and opportunities, they all work together as a national Tech Bridge network to share best practices and support the Navy and USMC's mission.</p> <p><b>FY 2024 Plans:</b> N/A</p> <p><b>FY 2025 Base Plans:</b> Tech Bridges will continue to support regional technology innovation challenges addressing critical Naval mission problems; increase participation of small- and medium-sized business in the defense industrial base, including non-traditional businesses and new startups; produce and deliver dual-use prototypes in partnership with the local/regional commercial sector, and support regional operational experimentation events. Tech Bridges will participate and contribute to NavalX innovation and experimentation initiatives in FY2025, such as PACFLT's Integrated Battle Problem 25, by performing tech scans, industry outreach, and the support of technology transition of local ecosystem businesses into Navy acquisition programs of record.</p> <p><b>FY 2025 OCO Plans:</b> N/A</p> <p><b>FY 2024 to FY 2025 Increase/Decrease Statement:</b></p>					

**UNCLASSIFIED**

<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 Navy		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 1319 / 3	<b>R-1 Program Element (Number/Name)</b> PE 0603758N / Navy Warfighting Exp & D emo	<b>Project (Number/Name)</b> 1097 / NavalX (Naval Accelerator)

<b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>
FY2024 to FY 2025 increase associated with the realignment within PE 0603758N to Project 1097 Naval Warfare Experimentation (NavalX) from Project 2918 Swampworks activity starting in FY 2025.					
<p><b>Title:</b> Innovation Operations (NavalX)</p> <p align="right"><b>Articles:</b></p> <p><b>Description:</b> The Naval Research Enterprise (NRE), through NavalX, supports mission-driven design and problem solving within the Naval Research and Development Establishment (NR&amp;DE) and academia in support of agile and rapid prototyping development driven by well-defined and effective innovation processes, operations, and a trained workforce. This will bring commercial best practices for innovation processes into the DON to stimulate effective NR&amp;DE and industry-wide collaborations and facilitation to accelerate the delivery of innovative capabilities to the warfighter. Activities are based on three foundational principles: (1) utilize innovative technical and business pathways that accelerate technology acquisition and deployment to the warfighter and pilot potential efforts as a result of this investigation; (2) leverage the commercial market and attract private investments to modernize, accelerate, and reduce the cost of defense acquisition and deployment of technologies that provide capabilities to the warfighter; and (3) employ innovative commercial industry best-practices in contracting that accelerate awards and provide flexibility and speed in technology development and transition.</p> <p>Innovation Operations includes the Naval Innovation Process Adoption (NIPA) program. NIPA is based on the Hacking for Defense (H4D) method, which utilizes the best entrepreneurial methodologies found in Silicon Valley to accelerate Naval innovation as well as source the latest solution ideas from experts across the commercial sector, academia, and government partners. Innovation Operations provides Hacking for Defense (H4D), Lean Startup, and Innovation Pipeline support activities to the NRE, NR&amp;DE and other DON commands.</p> <p><b>FY 2024 Plans:</b> N/A</p> <p><b>FY 2025 Base Plans:</b> Continue and expand development of innovative prototypes at Warfare Centers, Naval Laboratories, NavalX Tech Bridges, and related DON organizations solving key warfighter problems that are identified through the H4D innovation process pipeline.</p> <p>Continue and expand efforts that will be carried out under the NIPA program to emphasize the implementation of a common innovation process and language to accelerate the delivery of capabilities to the warfighter.</p>	0.000	0.000	7.651	0.000	7.651
	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 Navy		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 1319 / 3	<b>R-1 Program Element (Number/Name)</b> PE 0603758N / Navy Warfighting Exp & Demo	<b>Project (Number/Name)</b> 1097 / NavalX (Naval Accelerator)

<b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>
---	----------------	----------------	---------------------	--------------------	----------------------

Continue NIPA Challenges that solicit and expand the DON industrial base, especially small businesses, to solve warfighter problems. The Challenges will employ the NavalX Tech Bridge network to reach the widest possible industrial base and to promote collaborations across the Naval R&D community.

Continue to support the Gordian Knot Center for National Security Innovation at Stanford University.

Expand Naval sustainment efforts across Warfare Centers through cross-community NIPA/H4D Challenges and Small Business Innovative Research (SBIR) topics.

Facilitate the development of the Naval Innovation Center and the Naval Post-Graduate School (NPS) and its alignment to academic partners, industry, tech bridges, and the overall innovation ecosystem across the US.

**FY 2025 OCO Plans:**

N/A

**FY 2024 to FY 2025 Increase/Decrease Statement:**

FY2024 to FY 2025 increase associated with the realignment within PE 0603758N to Project 1097 Naval Warfare Experimentation (NavalX) from Project 2918 Swampworks Activity and realignment of funds from PE 0602123N 0000 Naval Research Enterprise Activity.

**Title:** Innovation Protection Policy (NavalX)

**Articles:**

0.000	0.000	0.500	0.000	0.500
-	-	-	-	-

**Description:** The Navy's Innovation Protection Policy (IPP) office performs research, analysis, and policy development for protection of intellectual property as it pertains to patents of critical and national security technologies. This effort was assigned to DoN (NavalX) by OSD and is a cross agency (Commerce, Homeland Security, US Patent Office) combined effort to provide vulnerability assessments and policy recommendations for protecting, strengthening and building resilience in the U.S Patent process from nation state actors attempting to disrupt innovation IP confidence and integrity with the goal of shifting international patent filings, and subsequently business, away from the U.S., thus reducing U.S. influence and power as a global innovation marketplace tied to the rule of law.

**FY 2024 Plans:**

**UNCLASSIFIED**

<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 Navy		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 1319 / 3	<b>R-1 Program Element (Number/Name)</b> PE 0603758N / Navy Warfighting Exp & Demo	<b>Project (Number/Name)</b> 1097 / NavalX (Naval Accelerator)

<b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>
N/A					
<b>FY 2025 Base Plans:</b> Continue IPP research, analysis, and policy development for protection of intellectual property contained in patents for critical and national security technologies.					
<b>FY 2025 OCO Plans:</b> N/A					
<b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> FY2024 to FY 2025 increase associated with the realignment within PE 0603758N to Project 1097 Naval Warfare Experimentation (NavalX) from Project 2918 Swampworks Activity starting in FY 2025.					
<b>Accomplishments/Planned Programs Subtotals</b>	0.000	0.000	26.453	0.000	26.453

<b>C. Other Program Funding Summary (\$ in Millions)</b> N/A
<b>Remarks</b>
<b>D. Acquisition Strategy</b> N/A

**UNCLASSIFIED**

<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 Navy										<b>Date:</b> March 2024		
<b>Appropriation/Budget Activity</b> 1319 / 3					<b>R-1 Program Element (Number/Name)</b> PE 0603758N / Navy Warfighting Exp & Demo				<b>Project (Number/Name)</b> 2918 / Navy Warfighting Experiments and Demo			
<b>COST (\$ in Millions)</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
2918: Navy Warfighting Experiments and Demo	0.000	74.400	75.898	71.162	-	71.162	78.182	87.469	92.191	94.122	Continuing	Continuing
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

**Note**

Investments in Project 2918 on Swampworks and Precision Strike Technology have been transferred in FY 2025 to Project 1097 NavalX under this same Program Element (PE) 0603758N. This project was created to promote greater transparency in the Department of the Navy's annual budget request.

**A. Mission Description and Budget Item Justification**

This project focuses on the application of recent technology breakthroughs to meet current operational needs from a subscale proof-of-principle into a full-scale prototypes for warfighter experimentation during laboratory and operational demonstrations, Fleet Battle Problems (FBPs), Limited Objective Experiments (LOEs) and Fleet/Force exercises.

**B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)**

	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>
<b>Title:</b> Naval Warfare Experimentation	31.000	32.681	35.242	0.000	35.242
<b>Articles:</b>	-	-	-	-	-
<b>FY 2024 Plans:</b> Manage an NRE experimentation plan which will guide multi-year S&T experimentation efforts in response to emerging concepts and doctrine. Leverage experimentation as an excursion to traditional programs to address additional warfighter needs and/or mitigate capability delivery risk.					
Continue to maintain and leverage Naval Research Enterprise (NRE) experimentation opportunities to guide prioritized concept investigations in support of fleet/force needs and strategic S&T initiatives.					
Conduct an unmanned campaign experimentation plan in support of the Unmanned Task Force.					
Conduct international experimentation in support of COMPACFLT PACIFIC DRAGON and COMSIXTHFLT FORMIDABLE SHIELD exercises.					
Invest in operational experimentation such as technology operational experimentation events (TOEE) that will address operational problems identified by fleet/force inputs. Conduct experimentation events such as limited					

**UNCLASSIFIED**

<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 Navy		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 1319 / 3	<b>R-1 Program Element (Number/Name)</b> PE 0603758N / Navy Warfighting Exp & Demo	<b>Project (Number/Name)</b> 2918 / Navy Warfighting Experiments and Demo

<b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>
<p>technology assessments, limited objective experiments, and advance capability experiments to inform S&amp;T investments.</p> <p>Conduct large scale service-level experimentation and international experimentation to assess early Technology Readiness Level concept investigations with Fleet and Force input to establish concept potential and to inform NRE investment decisions.</p> <p><b>FY 2025 Base Plans:</b> Continue to update and execute the NRE experimentation plan in alignment with the 30 Year S&amp;T Strategy to guide multi-year S&amp;T investment (including experimentation efforts) in response to emerging concepts and doctrine. This effort will execute operational experimentation of technologies and document results to inform early S&amp;T product development, ensure operational relevancy and fit, accelerate technology maturation, and address additional warfighter needs while working to mitigate capability delivery risk.</p> <p>Increase the scope and breadth of events that will enable the Naval Research Enterprise (NRE) to participate in experiments that will guide prioritized concept investigations in support of Fleet/Force needs and strategic S&amp;T initiatives.</p> <p>Continue to conduct international experimentation in support of COMPACFLT PACIFIC DRAGON and COMSIXTHFLT FORMIDABLE SHIELD exercises.</p> <p>Continue investment in large scale fleet experimentation and operational experimentation to include increased activities such as technology operational experimentation events (TOEE) that will address operational problems identified by Fleet/Force inputs. Steadily growing the number of events to be conducted from two events per year to three TOEEs each year aligned to stakeholder needs and key operational problems. These investments consist of focused experiments such as limited technology assessments, limited objective experiments, and advanced capability experiments to provide decision quality information to inform future S&amp;T investments to include further development goals, transition to acquisition or rapid fielding programs, or divestment.</p> <p>Continue to participate in large scale service-level experimentation and international experimentation, with increased scope and participation opportunities, to assess early Technology Readiness Level concept investigations with Fleet/Force input to establish concept potential. The outcomes will inform NRE, and where</p>					

**UNCLASSIFIED**

<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 Navy		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 1319 / 3	<b>R-1 Program Element (Number/Name)</b> PE 0603758N / Navy Warfighting Exp & Demo	<b>Project (Number/Name)</b> 2918 / Navy Warfighting Experiments and Demo

<b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>
applicable Allies and International Partner, investment decisions as well as enabling the accelerated transition of S&T investments to the Fleet/Force.  <b>FY 2025 OCO Plans:</b> N/A  <b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> The funding increase from FY 2024 to FY 2025 is due to increasing Large Scale and International Experimentation.					
<b>Title:</b> Operations Analysis  <b>Articles:</b>	4.114 -	3.884 -	6.605 -	0.000 -	6.605 -
<b>FY 2024 Plans:</b> Continue to conduct warfighter workshops to include Technology Innovation Games (TIGs), commission operations research studies, and conduct operational analysis and modeling and simulation studies related to military utility of emerging technologies.  Continue TANG projects that solve mission focused, human-centered challenges using innovation and systems engineering methods for the Navy and United States Marine Corps (USMC). TANG will support discovery of trends, sharing lessons learned, and empowering the workforce to solve problems and build their agility skills by providing high-quality, low-friction training and support to equip commands with warfighter centered fundamentals.  <b>FY 2025 Base Plans:</b> Continue to conduct warfighter workshops to include Technology Innovation Games (TIGs), commission operations research studies, and conduct operational analysis and modeling and simulation studies related to military utility of emerging technologies in future warfighting scenarios.  Conduct pre- and post-experimentation analysis of Fleet/Force exercises and operational experimentation to identify S&T technical objectives that provide relevant operational capabilities informed by warfighter feedback and experimentation results. This will include modeling and simulation and other analytical tools to quantify the operational relevance and military utility of technology performance parameters.  Increase the scope and breadth of TANG projects that solve mission focused, human-centered challenges using innovation and systems engineering methods for the Navy and United States Marine Corps (USMC). TANG will					

**UNCLASSIFIED**

<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 Navy		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 1319 / 3	<b>R-1 Program Element (Number/Name)</b> PE 0603758N / Navy Warfighting Exp & Demo	<b>Project (Number/Name)</b> 2918 / Navy Warfighting Experiments and Demo

<b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>
<p>support discovery of trends, sharing lessons learned, and empowering the workforce to solve problems and build their agility skills by providing high-quality, low friction training and support to equip commands with warfighter centered fundamentals. This will include targeting International Allies and Partner as we identify key shared Fleet/Force problems that can be addressed collaboratively.</p> <p><b>FY 2025 OCO Plans:</b> N/A</p> <p><b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> The funding increase from FY 2024 to FY 2025 is due to additional Operations Analysis and Assessments</p>					
<p><b>Title:</b> TechSolutions</p> <p align="right"><b>Articles:</b></p> <p><b>FY 2024 Plans:</b> TechSolutions will deliver new Science and Technology (S&amp;T) solutions based on expressed warfighter needs received during Fleet/Force interactions. Developments will be initiated to deliver rapid response solutions so Warfighters can achieve mission success and perform their duties more effectively and more efficiently by leveraging new or emergent technology.</p> <p><b>FY 2025 Base Plans:</b> TechSolutions will continue to deliver new Science and Technology (S&amp;T) solutions based on expressed warfighter needs received during Fleet/Force interactions. Increases in funding will be used to develop, demonstrate, and deliver additional prototypes. It is estimated that in FY25 TechSolutions will be able to double the number of prototype solutions developed to address these warfighter needs. Developments will be initiated to deliver rapid response solutions so warfighters can achieve mission success and perform their duties more effectively and more efficiently by leveraging technological advancements.</p> <p><b>FY 2025 OCO Plans:</b> N/A</p> <p><b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> The funding increase from FY 2024 to FY 2025 is due to increase in impactful rapid prototyping.</p>	5.263	4.941	10.998	0.000	10.998
	-	-	-	-	-
<p><b>Title:</b> Swampworks</p> <p align="right"><b>Articles:</b></p>	21.573	22.555	0.000	0.000	0.000
	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 Navy		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 1319 / 3	<b>R-1 Program Element (Number/Name)</b> PE 0603758N / Navy Warfighting Exp & Demo	<b>Project (Number/Name)</b> 2918 / Navy Warfighting Experiments and Demo

**B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)**

	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
<p><b>Description:</b> Investments in Swampworks have been transferred under the same Program Element 0603758N in FY 2025 to Project 1097 R-2 Activity titles Innovation Agility (NavalX), Tech Bridges (NavalX), and Innovation Operations (NavalX).</p> <p><b>FY 2024 Plans:</b> SwampWorks projects will continue to be aligned with National Defense Strategy, OSD Modernization Priorities and CNO / CMC Guidance. Apply the NavalX Innovation pipeline concept to source, curate, scan, incubate, prototype, validate, field and sustain new technologies to accelerate the discovery, development of new technologies and capabilities for naval warfighters.</p> <p>NavalX will continue to support discovery of trends, sharing lessons learned, and empowering the workforce to solve problems and build their agility skills by providing high-quality, low-friction training and support to equip commands with warfighter-centered fundamentals.</p> <p>Tech Bridge will support regional technology innovation challenges addressing critical Naval mission problems; increase participation of small- and medium-sized business in the defense industrial base; produce and deliver dual-use prototypes in partnership with the local/regional commercial sector, and support regional operational experimentation events. Tech Bridges are an ASN(RDA) initiative under NavalX and sponsored by ONR. Currently, fourteen Tech Bridges have been established across the U.S. plus one in London with the mission to promote regional/local collaborations in support of DON and national security missions. While each Tech Bridge may focus on their specific local/regional challenges and opportunities, they all work together as a Tech Bridge network to share best practices and support each other's mission.</p>					

**UNCLASSIFIED**

<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 Navy		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 1319 / 3	<b>R-1 Program Element (Number/Name)</b> PE 0603758N / Navy Warfighting Exp & Demo	<b>Project (Number/Name)</b> 2918 / Navy Warfighting Experiments and Demo

<b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>
<p>Next Strategic Technology Evaluation Program (NextSTEP) projects will focus on assessing advanced energy technologies, developing cyber-physical security for energy networks, and utilizing autonomous systems, artificial intelligence and advanced manufacturing to address operational and installation challenges in logistics, readiness, and resilience. NextSTEP (previously Energy Systems Technology Evaluation Program (ESTEP)) is a prototype viability assessment program at naval facilities that promotes adoption, scaling and deployment to the warfighter of defense and dual-use technologies with the following goals: conduct advanced technology demonstrations to evaluate emerging technologies using Navy and Marine Corps operations as test beds; evaluate and de-risk new prototype technologies to help enable their acquisition and adoption; and provide opportunities for professional development for DON personnel and student veteran interns through project participation.</p> <p><b>FY 2025 Base Plans:</b> N/A</p> <p><b>FY 2025 OCO Plans:</b> N/A</p> <p><b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> The funding decrease from FY 2024 to FY 2025 is due to the realignment under this same Program Element (PE) 0603758N; From FY 2024 Project 2918 R-2 Activity title Swampworks to Project 1097 (NavalX) R-2 Activity titles Innovation Agility (NavalX), Tech Bridges (NavalX), and Innovation Operations (NavalX).</p>					
<p><b>Title:</b> Precision Strike Technology</p> <p align="right"><b>Articles:</b></p> <p><b>FY 2024 Plans:</b> - Continue efforts in the area supporting Naval Precision Strike Operations, providing the Navy capability to quickly locate, target, and strike critical targets. Ongoing efforts include conducting kill-chain studies to identify and recommend engineering trades to enable weapon system interoperability and data fusion alternatives. These</p>	12.450 -	11.837 -	13.224 -	0.000 -	13.224 -

**UNCLASSIFIED**

<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 Navy		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 1319 / 3	<b>R-1 Program Element (Number/Name)</b> PE 0603758N / Navy Warfighting Exp & Demo	<b>Project (Number/Name)</b> 2918 / Navy Warfighting Experiments and Demo

**B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)**

	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>
<p>studies assess engineering feasibility of various kill-chain options and test and assess advanced weapon system capabilities.</p> <p><b>FY 2025 Base Plans:</b> - Continue and increase efforts in the area supporting Naval Precision Strike Operations, providing the Navy capability to quickly locate, target, and strike critical targets. Ongoing efforts include conducting kill-chain studies to identify and recommend engineering trades to enable weapon system interoperability and data fusion alternatives. These studies assess engineering feasibility of various kill-chain options and test and assess advanced weapon system capabilities.</p> <p><b>FY 2025 OCO Plans:</b> N/A</p> <p><b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> The funding increase from FY 2024 to FY 2025 is due to increased emphasis on Naval Precision Strike Operations.</p>					
<p><b>Title:</b> Advanced Technology Development</p> <p align="right"><b>Articles:</b></p> <p><b>Description:</b> Plans to conduct development of subsystems and components as well as efforts to integrate subsystems and components into system prototypes for field experiments and/or tests in a simulated or real environment. The result should be proof of technological feasibility and assessment of subsystem and component operability and producibility.</p> <p><b>FY 2024 Plans:</b> N/A</p> <p><b>FY 2025 Base Plans:</b> Initiating projects that demonstrate significant, system engineering, and hardware development to advance technology into a form suitable for demonstration. The goal will be to conduct a multi-year S&amp;T effort to respond to emerging concepts and doctrine.</p> <p><b>FY 2025 OCO Plans:</b> N/A</p> <p><b>FY 2024 to FY 2025 Increase/Decrease Statement:</b></p>	0.000	0.000	5.093	0.000	5.093
	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 Navy		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 1319 / 3	<b>R-1 Program Element (Number/Name)</b> PE 0603758N / Navy Warfighting Exp & D emo	<b>Project (Number/Name)</b> 2918 / Navy Warfighting Experiments and Demo

<b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>
The increase from FY 2024 to FY 2025 is due to breaking effort out from other existing efforts within PE 0603758N Proj 2918 in FY 2025.					
<b>Accomplishments/Planned Programs Subtotals</b>	74.400	75.898	71.162	0.000	71.162

**C. Other Program Funding Summary (\$ in Millions)**

N/A

**Remarks**

**D. Acquisition Strategy**

N/A

**UNCLASSIFIED**

**Exhibit R-2A, RDT&E Project Justification:** PB 2025 Navy **Date:** March 2024

<b>Appropriation/Budget Activity</b> 1319 / 3	<b>R-1 Program Element (Number/Name)</b> PE 0603758N / Navy Warfighting Exp & Demo	<b>Project (Number/Name)</b> 9999 / Congressional Adds
--	---	---

COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
9999: Congressional Adds	0.000	22.203	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	22.203
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

**A. Mission Description and Budget Item Justification**

Congressional Interest Items not included in other Projects.

**B. Accomplishments/Planned Programs (\$ in Millions)**

	FY 2023	FY 2024
<b>Congressional Add:</b> Naval tech bridges	4.827	0.000
<b>FY 2023 Accomplishments:</b> Conduct experiments and demonstrations supporting Naval technology bridges efforts		
<b>FY 2024 Plans:</b> N/A		
<b>Congressional Add:</b> Small unmanned surface vessels for expeditionary forces	4.827	0.000
<b>FY 2023 Accomplishments:</b> Conduct research supporting small unmanned surface vessels for expeditionary forces		
<b>FY 2024 Plans:</b> N/A		
<b>Congressional Add:</b> Swampworks	4.826	0.000
<b>FY 2023 Accomplishments:</b> Conduct Swampworks related research		
<b>FY 2024 Plans:</b> N/A		
<b>Congressional Add:</b> SCOUT experimentation campaign	7.723	0.000
<b>FY 2023 Accomplishments:</b> Conduct research supporting SCOUT experimentation campaign		
<b>FY 2024 Plans:</b> N/A		
<b>Congressional Adds Subtotals</b>	22.203	0.000

**C. Other Program Funding Summary (\$ in Millions)**

N/A

**Remarks**

**UNCLASSIFIED**

<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 Navy		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 1319 / 3	<b>R-1 Program Element (Number/Name)</b> PE 0603758N / <i>Navy Warfighting Exp &amp; Demo</i>	<b>Project (Number/Name)</b> 9999 / <i>Congressional Adds</i>

**D. Acquisition Strategy**  
N/A