

**UNCLASSIFIED**

**Exhibit R-2, RDT&E Budget Item Justification: PB 2021 Navy** **Date:** February 2020

<b>Appropriation/Budget Activity</b> 1319: <i>Research, Development, Test &amp; Evaluation, Navy / BA 2: Applied Research</i>	<b>R-1 Program Element (Number/Name)</b> PE 0602861N / <i>Science &amp; Tech Management - ONR Field Acts</i>
--	---

COST (\$ in Millions)	Prior Years	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total	FY 2022	FY 2023	FY 2024	FY 2025	Cost To Complete	Total Cost
Total Program Element	0.000	64.358	73.961	76.745	-	76.745	78.401	79.582	81.106	82.556	Continuing	Continuing
0000: <i>Science &amp; Tech Management - ONR Field Acts</i>	0.000	64.358	73.961	73.044	-	73.044	74.845	76.307	75.525	76.876	Continuing	Continuing
0824: <i>Science &amp; Technology Management</i>	0.000	0.000	0.000	3.701	-	3.701	3.556	3.275	5.581	5.680	Continuing	Continuing

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

This Program Element (PE) is for the Office of Naval Research (ONR) to cover corporate expenses including salaries, Information Technology (IT), Financial Improvement Plan (FIP) efforts, Defense Finance and Accounting Service (DFAS) Billings, and some of the day-to-day logistical costs. The vast majority of these items represent fixed costs associated with Scientists and Engineers supporting the Navy's Science and Technology (S&T) Programs.

This Program Element (PE) funds Applied Research, which is the systematic study to understand the means to meet a recognized and specific need. Most of the work in this PE can be classified between Technology Readiness Level (TRL) 2 (technology concept and/or application formulation) and TRL 4 (component and/or breadboard validation in laboratory environments).

**B. Program Change Summary (\$ in Millions)**

	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021 Base</u>	<u>FY 2021 OCO</u>	<u>FY 2021 Total</u>
Previous President's Budget	64.418	73.961	74.791	-	74.791
Current President's Budget	64.358	73.961	76.745	-	76.745
Total Adjustments	-0.060	0.000	1.954	-	1.954
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.060	0.000			
• Program Adjustments	0.000	0.000	1.954	-	1.954
• Rate/Misc Adjustments	0.000	0.000	0.000	-	0.000

**Change Summary Explanation**

The program increase supports the workforce requirements necessary to support, manage, and rapidly field technology to the fleet. The increase ensures funding is available to meet the salary needs of the current Scientific Program Officers workforce, the associated staff required to support the execution of the research, and an additional 20 FTE as determined by the recent ONR workforce shaping. FY21 increase supports CIVPER 1.9% pay raise.

**UNCLASSIFIED**

**Exhibit R-2, RDT&E Budget Item Justification:** PB 2021 Navy **Date:** February 2020

**Appropriation/Budget Activity**  
1319: *Research, Development, Test & Evaluation, Navy / BA 2: Applied Research*

**R-1 Program Element (Number/Name)**  
PE 0602861N / *Science & Tech Management - ONR Field Acts*

Technical: Not applicable.

**UNCLASSIFIED**

<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2021 Navy										<b>Date:</b> February 2020		
<b>Appropriation/Budget Activity</b> 1319 / 2					<b>R-1 Program Element (Number/Name)</b> PE 0602861N / <i>Science &amp; Tech Management - ONR Field Acts</i>				<b>Project (Number/Name)</b> 0000 / <i>Science &amp; Tech Management - ONR Field Acts</i>			
<b>COST (\$ in Millions)</b>	<b>Prior Years</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021 Base</b>	<b>FY 2021 OCO</b>	<b>FY 2021 Total</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
0000: <i>Science &amp; Tech Management - ONR Field Acts</i>	0.000	64.358	73.961	73.044	-	73.044	74.845	76.307	75.525	76.876	Continuing	Continuing

**Note**

N/A

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

This project supports ONR leadership, management and direction for the Naval S&T program. This project funds ONR HQ Non-Management Headquarters Activities (Non-MHA) salaries, communications, and other fixed costs. ONR sponsors scientific advances, which lead to Future Naval Capabilities (FNCs), supporting the Fleet's ability to operate from a position of technological superiority. Functions performed include (1) scientific and technical direction of the nationwide 6.1 basic research program with colleges, universities, non-profit organizations and Naval Laboratories and Warfare Centers; (2) scientific and technical direction of the 6.2 applied research program through the Naval R&D laboratories and Warfare Centers and industry; (3) scientific and technical direction of the Naval 6.3 advanced technology development program through the Navy's R&D laboratories, Warfare Centers and industry; (4) management, resource formulation, program assessment, and contract negotiation/administration of the Navy basic research, applied research and advanced technology development program; and (5) coordination of the Navy's Technology Base program within the context of total DoD/Government (e.g., National Science Foundation, National Academy of Sciences) R&D initiatives in order to maximize scientific advances. This project also supports ONR Non-MHA management and direction for the following Navy-wide programs: Small Business Innovation Research, Naval Research Advisory Committee, Navy Patent Program, Historically Black Colleges and Universities/Minority Institutions Program, Navy Manufacturing Technology Program and the Ballistic Missile Submarine Nuclear (SSBN) Security Technology Program.

Additionally, this project funds ONR field salaries, communications, and other fixed costs.

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

	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021 Base</b>	<b>FY 2021 OCO</b>	<b>FY 2021 Total</b>
<b>Title:</b> (U) Science & Tech Management - ONR Field Acts	64.358	73.961	73.044	0.000	73.044
<b>Description:</b> This Project provides funds for Non-MHA Labor costs associated with executing ONR's mission to discover, develop, and transition innovative science and technology (S&T) to meet current and future needs of naval forces. The funds in this project pay the salaries of Scientific and Engineering and corporate business personnel who direct the execution of the Navy's basic research, applied research, and advanced technology development programs at the nation's universities/colleges, Navy laboratories, Warfare Centers, and private industry.					
<b>FY 2020 Plans:</b>					

**UNCLASSIFIED**

<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2021 Navy		<b>Date:</b> February 2020
<b>Appropriation/Budget Activity</b> 1319 / 2	<b>R-1 Program Element (Number/Name)</b> PE 0602861N / <i>Science &amp; Tech Management - ONR Field Acts</i>	<b>Project (Number/Name)</b> 0000 / <i>Science &amp; Tech Management - ONR Field Acts</i>

<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021 Base</b>	<b>FY 2021 OCO</b>	<b>FY 2021 Total</b>
<p>This project provides for all labor costs of ONR Headquarters in support of the entire Navy S&amp;T program. he funds in this project pay the salaries of Scientific and Engineering and corporate business personnel who direct the execution of the Navy's basic research, applied research, and advanced technology development programs at the nation's universities/colleges, Navy laboratories, Warfare Centers, and private industry. This project provides for all basic labor costs of ONR activities in support of the entire Navy S&amp;T program.</p> <p><b><i>FY 2021 Base Plans:</i></b> This project provides for all labor costs of ONR Headquarters in support of the entire Navy S&amp;T program. he funds in this project pay the salaries of Scientific and Engineering and corporate business personnel who direct the execution of the Navy's basic research, applied research, and advanced technology development programs at the nation's universities/colleges, Navy laboratories, Warfare Centers, and private industry. This project provides for all basic labor costs of ONR activities in support of the entire Navy S&amp;T program.</p> <p><b><i>FY 2021 OCO Plans:</i></b> N/A</p> <p><b><i>FY 2020 to FY 2021 Increase/Decrease Statement:</i></b> The decrease to this project reflects the breakout of non-labor costs into a standalone project within this Program Element</p>					
<b>Accomplishments/Planned Programs Subtotals</b>	64.358	73.961	73.044	0.000	73.044

<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 2021 Navy										<b>Date:</b> February 2020		
<b>Appropriation/Budget Activity</b> 1319 / 2					<b>R-1 Program Element (Number/Name)</b> PE 0602861N / <i>Science &amp; Tech Management - ONR Field Acts</i>					<b>Project (Number/Name)</b> 0824 / <i>Science &amp; Technology Management</i>		
<b>COST (\$ in Millions)</b>	<b>Prior Years</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021 Base</b>	<b>FY 2021 OCO</b>	<b>FY 2021 Total</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
0824: <i>Science &amp; Technology Management</i>	0.000	0.000	0.000	3.701	-	3.701	3.556	3.275	5.581	5.680	Continuing	Continuing

**Note**

Realignment of funds internally in the PE to create PRJ 0824 for fiscal clarity of non-labor support functions. This is not a new start.

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

This Project provides funds for Non-Labor costs associated with executing ONR's mission to discover, develop, and transition innovative science and technology (S&T) to meet current and future needs of naval forces. Most all the funds in this project are fixed costs, such as communications, training, and other support functions.

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

	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021 Base</b>	<b>FY 2021 OCO</b>	<b>FY 2021 Total</b>
<b>Title:</b> Science and Technology Management	0.000	0.000	3.701	0.000	3.701
<b>Description:</b> This Project provides funds for Non-Labor costs associated with executing ONR's mission to discover, develop, and transition innovative science and technology (S&T) to meet current and future needs of naval forces. Most all the funds in this project are fixed costs, such as communications, training, and other support functions.					
<b>FY 2020 Plans:</b> This project provides for non-labor costs of ONR Headquarters in support of the entire Navy S&T program. Most of the funds in this project are fixed costs, such as communications, training, and other support functions.					
<b>FY 2021 Base Plans:</b> N/A					
<b>FY 2021 OCO Plans:</b> N/A					
<b>FY 2020 to FY 2021 Increase/Decrease Statement:</b> The increase to this project reflects the breakout of non-labor costs into a standalone project within this Program Element.					
<b>Accomplishments/Planned Programs Subtotals</b>	0.000	0.000	3.701	0.000	3.701

UNCLASSIFIED

<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2021 Navy		<b>Date:</b> February 2020
<b>Appropriation/Budget Activity</b> 1319 / 2	<b>R-1 Program Element (Number/Name)</b> PE 0602861N / <i>Science &amp; Tech Management - ONR Field Acts</i>	<b>Project (Number/Name)</b> 0824 / <i>Science &amp; Technology Management</i>

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

N/A

**Remarks**

**D. Acquisition Strategy**

N/A