

**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 6: RDT&amp;E Management Support</i>	<b>R-1 Program Element (Number/Name)</b> PE 0605873M / <i>Marine Corps Program Wide Supt</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	46.145	34.976	32.700	-	32.700	31.881	31.545	31.876	32.512	Continuing	Continuing
0030: <i>Studies &amp; Analysis/MC</i>	0.000	3.068	3.595	3.875	-	3.875	4.191	4.244	4.269	4.359	Continuing	Continuing
0033: <i>OT&amp;E Support</i>	0.000	15.366	16.356	16.370	-	16.370	16.360	16.361	16.736	17.054	Continuing	Continuing
1403: <i>Office of Net Assessment</i>	0.000	0.000	0.000	2.000	-	2.000	0.000	0.000	0.000	0.000	0.000	2.000
3009: <i>Marine Corps Wargaming Capability</i>	0.000	24.364	11.684	6.069	-	6.069	6.190	6.313	6.439	6.574	Continuing	Continuing
3783: <i>Information Environment Strategy, Policy and Governance</i>	0.000	3.347	3.341	4.386	-	4.386	5.140	4.627	4.432	4.525	Continuing	Continuing

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

This program element (PE) provides the analytical foundation for the Marine Corps Studies System (MCSS), including mandated Mission Area Analyses and Cost and Operational Effectiveness Analyses. It also includes capabilities that facilitate force development, war plan assessment, and concept and combat development. The MCSS is the front end of the Marine Corps's acquisition system. This PE also supports the material acquisition process as follows: managing Marine Corps Operational Test and Evaluations; providing Chemical and Biological Consequence Management capabilities for Weapons of Mass Destruction incident response forces; development of the Wargaming capability; and conducting analyses to inform the development and integration of Marine Corps Information Environment Operations (IE Ops).

<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	39.744	34.976	31.709	-	31.709
Current President's Budget	46.145	34.976	32.700	-	32.700
Total Adjustments	6.401	0.000	0.991	-	0.991
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	7.293	0.000			
• SBIR/STTR Transfer	-0.891	0.000			
• Program Adjustments	0.000	0.000	-0.851	-	-0.851
• Rate/Misc Adjustments	-0.001	0.000	1.842	-	1.842

**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</i> / BA 6: <i>RDT&amp;E Management Support</i>	<b>R-1 Program Element (Number/Name)</b> PE 0605873M / <i>Marine Corps Program Wide Supt</i>	

**Change Summary Explanation**

FY 2025 increase is primarily due to creation of the Office of Net Assessment (ONA), which will initiate several analyses and comprehensive assessments designed to inform future strategic decision making.

**UNCLASSIFIED**

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

<b>Appropriation/Budget Activity</b> 1319 / 6	<b>R-1 Program Element (Number/Name)</b> PE 0605873M / Marine Corps Program Wide Supt	<b>Project (Number/Name)</b> 0030 / Studies & Analysis/MC
--	--	--

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
0030: <i>Studies &amp; Analysis/MC</i>	0.000	3.068	3.595	3.875	-	3.875	4.191	4.244	4.269	4.359	Continuing	Continuing
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

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

Marine Corps Requirements Oversight Council (MROC) established Operations Analysis Directorate (OAD), as the sole operations research, analytic support, and studies management program for the Marine Corps Study System (MCSS). MCSS analysis is achieving greater efficiency, productivity, and innovation through operations research methodologies such as: operational analysis, statistical analysis, multi-objective decision methods, optimization, cost analysis, and a wide range of computer-based models and combat simulations ensuring the optimization of resources now and in the future. Analyses spans the spectrum of conflict in a Joint, Interagency, Intergovernmental, and Multinational (JIIM) context to inform critical senior level decision makers of current and future national security issues and provides unique and distinct analytic capabilities that enable the collaboration and sharing of analyses that reduces the duplication of topics that are of broad interest. MCSS is an integral part of the Marine Corps and Joint Chiefs decision-making processes to organize, man, train, equip, sustain, and transform resources from the current to the future force.

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

	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
<b>Title:</b> Studies & Analysis/MC	3.068	3.595	3.875	0.000	3.875
<b>Articles:</b>	-	-	-	-	-
<p><b>Description:</b> The Marine Corps Studies System (MCSS) supports the Commandant's Force Design 2030 plan. Executive Order 13589, Department of Defense (DoD) Directive 8260.05 Support for Strategic Analysis, and DoD Instruction 8260.2 Implementation of Data Collection, Development, and Management for Strategic Analyses, directs analytic teams apply the following analytic principles: Transparency, Consistency, Integration, use of Standardized and Accepted Methods, thorough consideration of Quantitative and Qualitative Factors, and documentation of Assumptions and Constraints. Program provides research and analysis and findings to ensure a greater understanding of issues and alternatives concerning force design, tactics, wargaming, strategies, intelligence, weapon selection and retention, systems' programs, cyber intel, and resource allocation. Efforts focus on current and future USMC mission requirements and the need for comprehensive analyses that meets the Marine Corps' strategic goals, supports and protects forces in theater, and utilizes funds efficiently.</p> <p><b>FY 2024 Plans:</b> Continue: FY 2023 analytic efforts requested by the CMC, DC, CD&amp;I, HQMC, and FMF senior leadership across the Marine Corps with comprehensive analysis in the areas of: - Space based Capabilities;</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 / 6	<b>R-1 Program Element (Number/Name)</b> PE 0605873M / <i>Marine Corps Program Wide Supt</i>	<b>Project (Number/Name)</b> 0030 / <i>Studies &amp; Analysis/MC</i>

<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>
<ul style="list-style-type: none"> <li>- Marine Corps Enterprise (MCEN) cyber operations;</li> <li>- Modernization of Munitions Requirements;</li> <li>- Intelligence Satellite Communications;</li> <li>- Maneuver, Logistics, and Seabasing Capabilities;</li> <li>- Marine Air and Ground Task Force (MAGTF) Capabilities and Readiness Strategies;</li> <li>- Force Design;</li> <li>- Wargaming, Readiness, MCWL, and NCIP-MC Wargaming Modeling and Simulation;</li> <li>- Training, Education, and Talent Management;</li> <li>- Health of the Force;</li> <li>- Field Logistics;</li> <li>- Mission &amp; Capabilities Integration;</li> <li>- Operational Cyber Weapons Systems;</li> <li>- Joint Services Strategic Planning.</li> </ul> <p>Complete:</p> <ul style="list-style-type: none"> <li>- Synthetic Operations Research Model Phase V (STORM) that supports analysis involving irregular warfare missions executed in a future Defense Planning Guidance scenario.</li> <li>- Phase II of Joint Services wargames modeling and simulation analysis and support. Provided analytic input to game design and recommend best practices for the use of methods, models, and tools (MMTs) to meet each wargame's stated objectives.</li> <li>- Firm, concise statistical data and facts that enable the Marine Corps to make informed decisions in the areas of: Mission Capability Packages, (MCPs); Investment Strategy Aviation; Maneuver; Logistics; Investment Strategy; Joint Capability Assessments (JCAs), and Future Force Development.</li> <li>- Utility of multi-domain Mobile Reconnaissance units possessing OPF-I, light-weight vehicles, unmanned air and surface systems, boats, and other capabilities necessary to succeed in a contested information environment;</li> <li>- Unmanned Systems and Warfighting Investments and Divestments;</li> <li>- Maritime, multi-domain reconnaissance constructs and activities to enhance the ability of the Stand-in force to dominate the information environment;</li> <li>- Leveraging space domain and artificial intelligence to establish and maintain dominance over existing and emerging threats;</li> <li>- Marine Corps Modeling and Simulation Joint Services contract Phase II;</li> </ul> <p>Initiate:</p> <ul style="list-style-type: none"> <li>- Synthetic Operations Research Model Phase VI (STORM) that supports analysis involving irregular warfare missions executed in a future Defense Planning Guidance scenario. These missions include information</li> </ul>					

**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 / 6	<b>R-1 Program Element (Number/Name)</b> PE 0605873M / <i>Marine Corps Program Wide Supt</i>	<b>Project (Number/Name)</b> 0030 / <i>Studies &amp; Analysis/MC</i>

<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>operations, offensive tactical and operational CYBER operations, foreign internal defense, special direct action arising from intelligence gathered from Human Intelligence (HUMINT) and technical (SIGINT, CYBER) means.</p> <ul style="list-style-type: none"> <li>- Phase III of Joint Services wargames modeling and simulation analysis and support. Provided analytic input to game design and recommend best practices for the use of methods, models, and tools (MMTs) to meet each wargame's stated objectives.</li> <li>- Based on previous findings, reevaluate and refine Unmanned Systems and Warfighting Investments and Divestments;</li> <li>- Maritime, multi-domain reconnaissance constructs and activities to enhance the ability of the Stand-in force to dominate the information environment;</li> <li>- Leveraging space domain and artificial intelligence to establish and maintain dominance over existing and emerging threats;</li> <li>- Marine Corps Modeling and Simulation Joint Services contract, Phase III.</li> <li>- Naval Capabilities Integrated Process, USMC, Electromagnetic Warfare Study Phase II.</li> <li>- Provide expert analytical support required Ad Hoc by the CMC and DC to meet emergent tasks.</li> </ul> <p>- Purchase of Data Center IT equipment required to initiate and execute highly complex modeling and simulation programs.</p> <p><b><i>FY 2025 Base Plans:</i></b> Continue: FY 2024 analytic efforts requested by the CMC, DC, CD&amp;I, HQMC, and FMF senior leadership across the Marine Corps with comprehensive analysis in the areas of:</p> <ul style="list-style-type: none"> <li>- Space based Capabilities;</li> <li>- Marine Corps Enterprise (MCEN) cyber operations;</li> <li>- Modernization of Munitions Requirements;</li> <li>- Intelligence Satellite Communications;</li> <li>- Maneuver, Logistics and Seabasing Capabilities;</li> <li>- Marine Air and Ground Task Force (MAGTF) Capabilities and Readiness Strategies;</li> <li>- Force Design;</li> <li>- Wargaming, and Readiness, MCWL and NCIP-MC Wargaming Modeling and Simulation;</li> <li>- Training, Education and Talent Management;</li> <li>- Health of the Force;</li> <li>- Field Logistics;</li> <li>- Mission &amp; Capabilities Integration;</li> </ul>					

**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 / 6	<b>R-1 Program Element (Number/Name)</b> PE 0605873M / <i>Marine Corps Program Wide Supt</i>	<b>Project (Number/Name)</b> 0030 / <i>Studies &amp; Analysis/MC</i>

<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>
<ul style="list-style-type: none"> <li>- Operational Cyber Weapons Systems;</li> <li>- Joint Services Strategic Planning.</li> </ul> <p>Complete:</p> <ul style="list-style-type: none"> <li>- Synthetic Operations Research Model Phase VI (STORM) that supports analysis involving irregular warfare missions executed in a future Defense Planning Guidance scenario.</li> <li>- Phase III of Joint Services wargames modeling and simulation analysis and support. Provided analytic input to game design and recommend best practices for the use of methods, models, and tools (MMTs) to meet each wargame's stated objectives.</li> <li>- Firm, concise statistical data and facts that enable the Marine Corps to make informed decisions in the areas of: Mission Capability Packages, (MCPs); Investment Strategy Aviation; Maneuver; Logistics; Investment Strategy; Joint Capability Assessments (JCAs), and Future Force Development.</li> <li>- Utility of multi-domain Mobile Reconnaissance units possessing OPF-I, light-weight vehicles, unmanned air and surface systems, boats, and other capabilities necessary to succeed in a contested information environment;</li> <li>- Unmanned Systems, and Warfighting Investments and Divestments;</li> <li>- Maritime, multi-domain reconnaissance constructs and activities to enhance the ability of the Stand-in force to dominate the information environment;</li> <li>- Leveraging space domain and artificial intelligence to establish and maintain dominance over existing and emerging threats;</li> <li>- Marine Corps Modeling and Simulation Joint Services contract Phase III;</li> </ul> <p>Initiate:</p> <ul style="list-style-type: none"> <li>- Synthetic Operations Research Model, Task 2, Phase 1 (STORM) that supports analysis involving warfare missions executed in a future Defense Planning Guidance scenario. These missions include information operations, offensive tactical and operational CYBER operations, foreign internal defense, special direct action arising from intelligence gathered from Human Intelligence (HUMINT) and technical (SIGINT, CYBER) means.</li> <li>- Phase IV of Joint Services wargames modeling and simulation analysis and support. Providing analytic input to game design and recommend best practices for the use of methods, models, and tools (MMTs) to meet each wargame's stated objectives.</li> <li>- Studies and analysis-based on revisions to the MC Force Design 2030 guidance; directing resource management, and reevaluation and revisions to recently transitioned C2 systems to all all-domain battle mindset, enabling the USMC value to joint and combined forces.</li> <li>- Further research of Unmanned Systems and Warfighting Investments/Divestments based on trial and previous finding;</li> </ul>					

**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 / 6	<b>R-1 Program Element (Number/Name)</b> PE 0605873M / Marine Corps Program Wide Supt	<b>Project (Number/Name)</b> 0030 / Studies & Analysis/MC

**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>
<ul style="list-style-type: none"> <li>- Evaluate outcomes resulting from the integration of the Maritime Recon Company into the Littoral Maneuver Experimentation Plan to inform future capability requirements.</li> <li>- Confirm the requirement for littoral, multi-domain reconnaissance capabilities, consisting of maritime reconnaissance, light mobile, and light armored companies, to effectively address the requirement for multi-domain reconnaissance;</li> <li>- Naval Capabilities Integrated Process, USMC, Electromagnetic Warfare Study Phase III.</li> <li>- Provide expert analytical support required Ad Hoc by the CMC and DC to meet emergent tasks.</li>   <li>- Purchase of Data Center IT equipment required to initiate and execute highly complex modeling and simulation programs.</li> </ul> <p><b>FY 2025 OCO Plans:</b> N/A</p> <p><b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> The increase to FY25 funding of \$0.280M will support unique emergent requirements based on past Force Design 2030 analysis. These efforts will require the increased need for SME and research tools not readily available, nor cost effective, for the USMC to procure.</p>					
<b>Accomplishments/Planned Programs Subtotals</b>	3.068	3.595	3.875	0.000	3.875

**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 / 6	<b>R-1 Program Element (Number/Name)</b> PE 0605873M / Marine Corps Program Wide Supt	<b>Project (Number/Name)</b> 0033 / OT&E Support
--	--	---

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
0033: OT&E Support	0.000	15.366	16.356	16.370	-	16.370	16.360	16.361	16.736	17.054	Continuing	Continuing
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

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

The Marine Corps Operational Test and Evaluation Activity (MCOTEA) supports the material acquisition process by managing the Marine Corps Operational Test (OT) programs for Acquisition Categories (ACAT) I through ACAT IV (less OT of manned aircraft) and performs other functions that may be directed by the Commandant of the Marine Corps. The primary purpose of Operational Test and Evaluation (OT&E) is to provide information to the Milestone Decision Authority (MDA) regarding the Operational Effectiveness (OE) and Operational Suitability (OS) of the system addressed at a decision point. MCOTEA must ensure that the Marines in the Operating Forces receive the very best possible equipment and support. MCOTEA must also ensure each system proposed for acquisition is tested adequately, evaluated objectively, and reported independently.

Marine Corps Operational Test and Evaluation Activity (MCOTEA) is the only unit that provides the Marine Corps with required operational test and evaluation (OT&E) capability, ensuring the Marine Corps is compliant with laws and regulations, and ensuring that training and equipment are operationally effective, relevant, and suitable. Additionally, MCOTEA's early involvement, coordination, and oversight in developmental testing and evaluation of new combat and combat support systems ensures that our Marines are the best trained, and have the best equipment, with the lowest test costs for taxpayers. Finally, MCOTEA's support of rapid acquisitions ensures that Marines in the fight are supported with the newest and most advanced equipment and that the Marine Corps is compliant with regulations.

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

	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
<b>Title:</b> MCOTEA	15.366	16.356	16.370	0.000	16.370
<b>Articles:</b>	-	-	-	-	-
<b>FY 2024 Plans:</b>					
Continue evaluating, quantifying, and reporting on programs for the operational effectiveness, suitability, and survivability of planned acquisitions to meet warfighting capabilities and will be providing Milestone Decision Authority (MDAs) to programs that are inherently governmental and a comprehensive understanding of operational risk associated with ACAT programs.					
<b>FY 2025 Base Plans:</b>					
Continue evaluating, quantifying, and reporting on programs for the operational effectiveness, suitability, and survivability of planned acquisitions to meet warfighting capabilities and will be providing Milestone Decision					

**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 / 6	<b>R-1 Program Element (Number/Name)</b> PE 0605873M / Marine Corps Program Wide Supt	<b>Project (Number/Name)</b> 0033 / OT&E Support

<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>
Authority (MDAs) to programs that are inherently governmental and a comprehensive understanding of operational risk associated with ACAT programs.					
<b>FY 2025 OCO Plans:</b> N/A					
<b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> Increase from FY2024 to FY2025 is a result of Civilian Pay Raise Assumptions (pay/benefits/awards).					
<b>Accomplishments/Planned Programs Subtotals</b>	15.366	16.356	16.370	0.000	16.370

**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 / 6	<b>R-1 Program Element (Number/Name)</b> PE 0605873M / Marine Corps Program Wide Supt	<b>Project (Number/Name)</b> 1403 / Office of Net Assessment
--	--	---

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
1403: <i>Office of Net Assessment</i>	0.000	0.000	0.000	2.000	-	2.000	0.000	0.000	0.000	0.000	0.000	2.000
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

**Note**

Previously executed in Center for Naval Analysis PE: 0605154N RDTE PRJ: 0031

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

The Commandant of the Marine Corps' Office of Net Assessment (CMC ONA) was established in July 2022 as a result of a CMC tasking in the April 2021 Annual Force Design Update. ONA provides long-term comparative assessments of trends, key competitions, risks, opportunities, and future prospects of USMC roles and missions in order to support strategic decision making for the CMC and Assistant Commandant of the Marine Corps (ACMC).

Previously executed in Center for Naval Analysis PE: 0605154N RDTE PRJ: 0031

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

	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
<b>Title:</b> Office of New Assessment (ONA)	0.000	0.000	2.000	0.000	2.000
<b>Articles:</b>	-	-	-	-	-
<b>FY 2024 Plans:</b> N/A					
<b>FY 2025 Base Plans:</b> - Continue analysis into ability to conduct operations in the INDOPACOM Area of Responsibility (AOR) - Conduct pre-mortem analysis of Marine Corps' forces operating as part of joint/combined campaign on the Korean peninsula. - Conduct assessment of China's military posture, drivers for future deployments, and a global and holistic assessments of target areas in which the Marine Corps may need to compete and or operate directly against China beyond the South China Sea region within the future Joint force. - Conduct assessment of future technologies and characteristics of war. - Conduct analysis of future defensive strategies.					
<b>FY 2025 OCO Plans:</b>					

**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 / 6	<b>R-1 Program Element (Number/Name)</b> PE 0605873M / <i>Marine Corps Program Wide Supt</i>	<b>Project (Number/Name)</b> 1403 / <i>Office of Net Assessment</i>

<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><i>FY 2024 to FY 2025 Increase/Decrease Statement:</i></b> Increase of \$2.000M between FY 2024 and FY 2025 reflect initiation of several analyses and comprehensive assessments designed to inform future strategic decision making.					
<b>Accomplishments/Planned Programs Subtotals</b>	0.000	0.000	2.000	0.000	2.000

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

N/A

**Remarks**

**D. Acquisition Strategy**

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 / 6					<b>R-1 Program Element (Number/Name)</b> PE 0605873M / Marine Corps Program Wide Supt				<b>Project (Number/Name)</b> 3009 / Marine Corps Wargaming Capability			
<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>
3009: Marine Corps Wargaming Capability	0.000	24.364	11.684	6.069	-	6.069	6.190	6.313	6.439	6.574	Continuing	Continuing
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

**Note**

Previously executed within Proj 0030 Studies & Analysis/MC

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

The enhanced Wargaming Capability (WGC) facilitates Force Design by utilizing advanced modeling and simulation systems and analytic assessments of current Operation Plans, Concepts of Operations, future operational and functional concepts, and operational and technology-based approaches. These results will refine our Force Design through our campaign of learning and increase research capacity to maintain the USMC as a "force-in-readiness." The USMC WGC consists of Wargaming software, modeling, and simulation tools and systems, a Wargaming and Analysis Center (MILCON Project P-719), and the necessary personnel supporting the new capability.

The WGC solution will provide an enhanced basis for analytically informed decision support to capability development prioritization and resourcing. The WGC program acquisition strategy utilizes 10 U.S.C 2302 Middle Tier of Acquisition (MTA). During 1QFY23 the program learned of delays with the facility construction impacting entry into the building for infrastructure installation and system accreditation. This delay shifted the program's planned transition to an MTA Rapid Fielding to no later than 3QFY24. Different delays in construction and software development resulted in a shift to IOC from FY 2024 to FY 2026 and FOC from FY 2025 to FY 2028. However, the program gained entry into the facility and began the Information Technology (IT) and Audio-Visual (AV) infrastructure installation 1QFY24 to support the accreditation process for certifying the complex technologies. The overarching strategy consists of four phases: Phase I: Risk Reduction Prototyping (FY 2019 - FY 2020); Phase II: Integrated Prototyping (FY 2020 - FY 2022); Phase III: Follow-on Baseline/Production (FY 2023 - FY 2026); Phase IV: Sustainment/Operations (FY 2026+).

**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> Wargaming Capability	24.364	11.684	6.069	0.000	6.069
<b>Articles:</b>	-	-	-	-	-
<b>FY 2024 Plans:</b>					
The FY 2024 RDTE plan continued the development, assessment, and integration of Conceptual Models and other capability enhancements. This RDTE funding will continue to leverage evolving state-of-the-art technologies to meet critical and emerging wargaming requirements and transformational initiatives which facilitate Marine Corps' Force Design 2030. This funding will also support Technology Insertion / Pre-Planned Product Improvement (P3I) initiatives, including hardware enhancements and technological advances of the					

**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 / 6	<b>R-1 Program Element (Number/Name)</b> PE 0605873M / Marine Corps Program Wide Supt	<b>Project (Number/Name)</b> 3009 / Marine Corps Wargaming Capability

<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>
Information Technology (IT) and Audio-Visual (A/V) infrastructure within the MCWAC facility. The IT and A/V infrastructure integrates the wargaming software materiel solution into the MCWAC and is essential to ensuring optimal functionality in support Force Design decisions. The program will maintain a technology roadmap requirement to continue development of the Conceptual Models and enhancing the capability with P3I technology advances.  <b>FY 2025 Base Plans:</b> The FY 2025 RDTE plan will focus on capability enhancements and development towards FOC requirements and Conceptual Models.  <b>FY 2025 OCO Plans:</b> N/A  <b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> The decrease from FY 2024 to FY 2025 reflects reduction in required development for the Wargaming software solution. In FY 2025 the program will continue to develop FOC requirements and Conceptual Models.					
<b>Accomplishments/Planned Programs Subtotals</b>	24.364	11.684	6.069	0.000	6.069

<b>C. Other Program Funding Summary (\$ in Millions)</b>											
<b>Line Item</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>
• PMC/4630: Common Computer Resources-Marine Corps Wargaming Capability	8.893	15.422	7.755	-	7.755	3.749	3.807	3.879	3.960	Continuing	Continuing
<b>Remarks</b>											
RDTE/3009 and PMC/4630 Marine Corps Wargaming Capability reflects funding associated with Middle Tier Acquisition (MTA) rapid prototyping and fielding.											
Marine Corps Wargaming Capability - MTA PMC Funding FY 2022: \$22.676M FY 2023: \$8.893M FY 2024: \$15.422M FY 2025: \$7.755M											
Marine Corps Wargaming Capability - MTA RDTE Funding											

**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 / 6	<b>R-1 Program Element (Number/Name)</b> PE 0605873M / Marine Corps Program Wide Supt	<b>Project (Number/Name)</b> 3009 / Marine Corps Wargaming Capability

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

<u>Line Item</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u> <u>Base</u>	<u>FY 2025</u> <u>OCO</u>	<u>FY 2025</u> <u>Total</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>FY 2028</u>	<u>FY 2029</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
Prev: \$8.238M											
FY 2020: \$11.027M											
FY 2021: \$14.423M											
FY 2022: \$19.230M											
FY 2023: \$24.365M											
FY 2024: \$11.684M											
FY 2025: \$6.069M											

**D. Acquisition Strategy**

The WGC program acquisition strategy takes advantage of 10 U.S.C 2302 Middle Tier of Acquisition (MTA) and was designated a MTA for Rapid Prototyping in May 2019. The overarching strategy consists of four phases: Phase I: Risk Reduction Prototyping (FY 2019 - FY 2020); Phase II: Integrated Prototyping (FY 2020 - FY 2022); Phase III: Follow-on Baseline/Production (FY 2023 - FY 2026); Phase IV: Sustainment/Operations (FY 2026+).

**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 / 6					<b>R-1 Program Element (Number/Name)</b> PE 0605873M / Marine Corps Program Wide Supt				<b>Project (Number/Name)</b> 3783 / Information Environment Strategy, Policy and Governance			
<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>
3783: Information Environment Strategy, Policy and Governance	0.000	3.347	3.341	4.386	-	4.386	5.140	4.627	4.432	4.525	Continuing	Continuing
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

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

The Information Environment (IE) is a global, interconnected, complex, continuously changing eco-system that is increasingly connected across our war fighting functions. Given the complexity and the speed of changes in the IE and to address the significant role information now plays in current and future conflicts, a unifying operational and technical strategy must be developed to outpace our adversaries.

Analysis will inform the development and integration of Marine Corps Information Environment Enterprise (MCIEE) that are guided by the Commandant's Planning Guidance (CPG) and Marine Corps Force Design. Research and analysis efforts support: design and coordinated implementation of an Objective Network to fight on and through a contested environment; design structure to engage and collaborate with Joint and Coalition partners; and conduct analysis to inform the development and fielding of an integrated information capability. These efforts will be accomplished leveraging analytic support from government Labs and Industry to dynamically exploit our National Defense Strategy (NDS) priority operational problems related to the Information Environment through demonstration, limited user evaluations, and functional capability assessments with the Fleet Marine Forces.

**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> Information Environment Strategy	3.347	3.341	4.386	0.000	4.386
<b>Articles:</b>	-	-	-	-	-
<b>FY 2024 Plans:</b>					
- Continue to conduct innovation activities across the information domain to develop user centered capabilities for the future operating environment.					
- Continue to focus on the Information Warfare capabilities within the Deputy Commandant for Information portfolio. This includes Information Operations, Electronic Warfare, Tactical Command and Control, and Cyber Operations.					
- Continue rapid development of capabilities to address problems supporting Information Operations. The Marine Corps Information Environment Enterprise (MCIEE) Information Modernization team will develop and transition software and hardware solutions to Programs of Record.					
- This funding also supports MCIEE efforts that align to Joint priorities for the Marine Corps, and the CMC's Force Design 2030.					
<b>FY 2025 Base Plans:</b>					

**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 / 6	<b>R-1 Program Element (Number/Name)</b> PE 0605873M / <i>Marine Corps Program Wide Supt</i>	<b>Project (Number/Name)</b> 3783 / <i>Information Environment Strategy, Policy and Governance</i>

**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>
<ul style="list-style-type: none"> <li>- Will continue to conduct innovation activities across the information domain to develop user centered capabilities for the future operating environment.</li> <li>- Will continue to focus on the Information Warfare capabilities within the Deputy Commandant for Information portfolio. This includes Information Operations, Electronic Warfare, Tactical Command and Control, and Cyber Operations.</li> <li>- Will continue rapid development of capabilities to address problems supporting Information Operations. The Marine Corps Information Environment Enterprise (MCIEE) Information Modernization team will develop and transition software and hardware solutions to Programs of Record.</li> <li>- This funding also supports MCIEE efforts that align to Joint priorities for the Marine Corps, and the CMC's Force Design 2030.</li> </ul> <p><b>FY 2025 OCO Plans:</b> N/A</p> <p><b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> Increase of \$1.045M between FY24 and FY25 reflects increased level of support required within the Electronic Warfare and Cyber Operations portfolios.</p>					
<b>Accomplishments/Planned Programs Subtotals</b>	3.347	3.341	4.386	0.000	4.386

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

N/A

**Remarks**

**D. Acquisition Strategy**

N/A