

UNCLASSIFIED

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

Appropriation/Budget Activity 1319: <i>Research, Development, Test & Evaluation, Navy / BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0305251N / <i>CYBERSPACE OPERATIONS FORCES & FORCE SPT</i>
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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	68.431	35.100	2.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	105.531
2952: <i>Cyber Mission Force</i>	0.000	35.100	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	35.100
2958: <i>Cyberspace Activities</i>	68.431	0.000	2.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	70.431

A. Mission Description and Budget Item Justification

Develop Navy foundational and specialized cyber tools in support of the Cyber Mission Force in accordance with requirements, guidance, and previous work completed, focusing on the following activities:

- Cyberspace additional support facilities and infrastructure
 - Program office, program management, engineering, administrative, and security support
 - Specialized Cyberspace technical, engineering, and management capabilities
 - Expand Cyberspace Activities development network and network support
 - Cyberspace hardware and software reverse engineering development
 - Research and Development (R&D) activities leading to cyber tool opportunities and vulnerabilities
 - Cyberspace tool development of Foundational and Reserve Tool Kits
 - Cyberspace activity logistics support
- (Additional details held at a higher classification)

B. Program Change Summary (\$ in Millions)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Previous President's Budget	36.505	2.000	0.000	-	0.000
Current President's Budget	35.100	2.000	0.000	-	0.000
Total Adjustments	-1.405	0.000	0.000	-	0.000
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-1.405	0.000			
• Rate/Misc Adjustments	0.000	0.000	0.000	-	0.000

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

Appropriation/Budget Activity 1319 / 7	R-1 Program Element (Number/Name) PE 0305251N / CYBERSPACE OPERATIONS FORCES & FORCE SPT	Project (Number/Name) 2952 / Cyber Mission Force
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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
2952: Cyber Mission Force	0.000	35.100	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	35.100
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

Note
In FY24 Project 2952 funds transfer and will be included in DoD, U.S. CYBERCOM Defense-Wide budget request, RDTE 0306250JCY, Project CY06 Cyber Weapons/Tools.

A. Mission Description and Budget Item Justification
Project 2952 delivers offensive cyber weapons to prosecute the current target set and increase the lethality of the Cyber Mission Forces (CMF). Delivery of these weapons will increase the volume and frequency of cyberspace operations allowing the CMF to keep pace with the Great Power Competition (GPC) and specialized target networks in support U.S Indo-Pacific Command (USINDOPACOM) top priority requirements. The project is comprised of three main lines of effort: Offensive Cyber Capabilities, Analytic Support to the Cyber Mission Teams (CMTs), and Developer Support.

Additional details can be found in the TS//SCI addendum.

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Title: New Accomplishment/Planned Program Entry	35.100	0.000	0.000	0.000	0.000
Articles:	-	-	-	-	-
FY 2024 Plans: N/A					
FY 2025 Base Plans: N/A					
FY 2025 OCO Plans: N/A					
Accomplishments/Planned Programs Subtotals	35.100	0.000	0.000	0.000	0.000

C. Other Program Funding Summary (\$ in Millions)
N/A
Remarks

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D. Acquisition Strategy

This project is designated non-Acquisition Category (ACAT).

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Navy **Date:** March 2024

Appropriation/Budget Activity 1319 / 7	R-1 Program Element (Number/Name) PE 0305251N / CYBERSPACE OPERATI ONS FORCES & FORCE SPT	Project (Number/Name) 2952 / Cyber Mission Force
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Product Development (\$ in Millions)				FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
STOUTPRINCE	MIPR	AFRL : Rome, NY	0.000	1.327	Apr 2023	0.000		0.000		-		0.000	0.000	1.327	-
STUNNINGPLATYPUS	MIPR	DMEA : McClellan, CA	0.000	4.113	Nov 2022	0.000		0.000		-		0.000	0.000	4.113	-
STUNNINGORANGUTAN	MIPR	Classified : Classified	0.000	2.400	Mar 2023	0.000		0.000		-		0.000	0.000	2.400	-
CORNERPIPE	MIPR	Various : Various	0.000	1.990	Mar 2023	0.000		0.000		-		0.000	0.000	1.990	-
REDALPHA	MIPR	DMEA : McCellan, CA	0.000	1.341	Nov 2022	0.000		0.000		-		0.000	0.000	1.341	-
STUNNINGVIPER	MIPR	Classified : Classified	0.000	1.600	Mar 2023	0.000		0.000		-		0.000	0.000	1.600	-
Tool Integration with USAF	MIPR	Classified : Classified	0.000	1.000	Jan 2023	0.000		0.000		-		0.000	0.000	1.000	-
Threat Rep. Networks	MIPR	Classified : Classified	0.000	1.460	Jun 2023	0.000		0.000		-		0.000	0.000	1.460	-
Line of Effort (LOE) 1: Tool Development	MIPR	NIWC LANT : Charleston, SC	0.000	2.500	Jun 2023	0.000		0.000		-		0.000	0.000	2.500	-
Foreign Materiel Acquisition	MIPR	Classified : Classified	0.000	0.950	Dec 2022	0.000		0.000		-		0.000	0.000	0.950	-
Subtotal			0.000	18.681		0.000		0.000		-		0.000	0.000	18.681	N/A

Remarks
- See classified Addendum for more details.

Support (\$ in Millions)				FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Vulnerability Research & DEVOPs	MIPR	AFLCMC : Hanscom AFB, MA	0.000	3.081	Feb 2023	0.000		0.000		-		0.000	0.000	3.081	-
Offensive Cyber Operations (OCO) Capability Development	MIPR	GSA : Tampa, FL	0.000	2.279	Feb 2023	0.000		0.000		-		0.000	0.000	2.279	-
Automated Testing	MIPR	AFRL : Rome, NY	0.000	0.816	Mar 2023	0.000		0.000		-		0.000	0.000	0.816	-
Development Networks	MIPR	Various : Various	0.000	1.847	Mar 2023	0.000		0.000		-		0.000	0.000	1.847	-

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Navy **Date:** March 2024

Appropriation/Budget Activity 1319 / 7	R-1 Program Element (Number/Name) PE 0305251N / <i>CYBERSPACE OPERATIONS FORCES & FORCE SPT</i>	Project (Number/Name) 2952 / <i>Cyber Mission Force</i>
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Support (\$ in Millions)				FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Vulnerability Research & Dev Support	MIPR	MITLL : Boston, MA	0.000	3.454	Dec 2022	0.000		0.000		-		0.000	0.000	3.454	-
NIWC Developers	MIPR	NIWC LANT : Charleston, SC	0.000	0.865	May 2023	0.000		0.000		-		0.000	0.000	0.865	-
Cyber Mission Team (CMT) Analytic Support	MIPR	USCC : Ft. Meade, MD	0.000	0.500	Mar 2023	0.000		0.000		-		0.000	0.000	0.500	-
Subtotal			0.000	12.842		0.000		0.000		-		0.000	0.000	12.842	N/A

Remarks
- See classified Addendum for more details.

Management Services (\$ in Millions)				FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Program Management Support	C/BOA	Classified : Classified	0.000	3.577	Jan 2023	0.000		0.000		-		0.000	0.000	3.577	-
Subtotal			0.000	3.577		0.000		0.000		-		0.000	0.000	3.577	N/A

Remarks
1-Due to classification category, may not be on General Service (GENSER) classified exhibits. FY2020 activities reflected on project 2958, PE 0204575N RDOC. In FY23 the funds were transferred to 2952. In FY24 Project 2952 funds transfer and will be included in DoD, U.S. CYBERCOM Defense-Wide budget request, RDTE 0306250JCY, Project CY06 Cyber Weapons/Tools.

	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	0.000	35.100	0.000	0.000	-	0.000	0.000	35.100	N/A

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2025 Navy **Date:** March 2024

Appropriation/Budget Activity 1319 / 7	R-1 Program Element (Number/Name) PE 0305251N / CYBERSPACE OPERATIONS FORCES & FORCE SPT	Project (Number/Name) 2952 / Cyber Mission Force
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	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
<i>Proj 2952</i>																												
Project 2952: CMU VR & DEVOPS																												
Project 2952: CHAMELEON																												
Project 2952: Tool Integration with USAF																												
Project 2952: RED ALPHA																												
Project 2952: STOUTPRINCE																												
Project 2952: CORNERPIPE																												
Project 2952: STUNNINGORANGUTAN																												
Project 2952: STUNNINGPLATYPUS																												
Project 2952: STUNNINGVIPER																												
Project 2952: OCO Capability Development																												
Project 2952: AUTOMATED TESTING																												
Project 2952: RCDN																												
Project 2952: NIWC LANT DEVELOPERS																												
Project 2952: CMT Analytic Support																												
Project 2952: FMA																												
Project 2952: TRNs																												
Project 2952: PMO																												
Project 2952: LOE 1 Tool Development																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 7	R-1 Program Element (Number/Name) PE 0305251N / <i>CYBERSPACE OPERATIONS FORCES & FORCE SPT</i>	Project (Number/Name) 2952 / <i>Cyber Mission Force</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Proj 2952				
Project 2952: STOUTPRINCE	1	2023	4	2023
Project 2952: CORNERPIPE	1	2023	4	2023
Project 2952: REDALPHA	1	2023	4	2023
Project 2952: Tool Integration with USAF	1	2023	4	2023
Project 2952: STUNNINGORANGUTAN	1	2023	4	2023
Project 2952: STUNNINGPLATYPUS	1	2023	4	2023
Project 2952: STUNNINGVIPER	1	2023	4	2023
Project 2952: Threat Representative Networks	1	2023	4	2023
Project 2952: LOE 1 Tool Development	1	2023	4	2023
Project 2952: FMA	1	2023	4	2023
Project 2952: Vulnerability Research and DEVOPs	1	2023	4	2023
Project 2952: OCO Capability Development	1	2023	4	2023
Project 2952: Automated Testing	1	2023	4	2023
Project 2952: Development Networks	1	2023	4	2023
Project 2952: Vulnerability Research and Development Support	1	2023	4	2023
Project 2952: NIWC Developers	1	2023	4	2023
Project 2952: CMT Analytic Support	1	2023	4	2023
Project 2952: Program Management	1	2023	4	2023

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Appropriation/Budget Activity 1319 / 7	R-1 Program Element (Number/Name) PE 0305251N / CYBERSPACE OPERATIONS FORCES & FORCE SPT	Project (Number/Name) 2958 / Cyberspace Activities
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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
2958: <i>Cyberspace Activities</i>	68.431	0.000	2.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	70.431
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

Note

In FY24, \$2M for Fleet Cyber Command to study Joint Common Access Platform off-net access in coordination with U.S. CYBERCOM (FY24 \$6M RDTE,DW 0208085JCY) and Air Force (FY24 \$2M RDTE,AF 0208087F). Additional details held at a higher classification.

A. Mission Description and Budget Item Justification

This project developed foundational and specialized offensive cyber tools in support of the Cyber Mission Force as directed by Joint Force Headquarters-Cyber (JFHQ-C) Navy, including:

- Vulnerability research
- Reverse engineering
- Development of foundational toolkit #1 and #2
- Development of cyber tool enablers
- Development of specialized toolkit
- Development network expansion and maintenance
- Development operations coaching

Additional details can be found in the classified addendum.

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

	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Title: Cyber Mission Activities	0.000	2.000	0.000	0.000	0.000
Articles:	-	-	-	-	-
FY 2024 Plans:					
Funding realigned to United States Cyber Command (USCC).					
FY 2025 Base Plans:					
N/A					
FY 2025 OCO Plans:					
N/A					
FY 2024 to FY 2025 Increase/Decrease Statement:					

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Exhibit R-2A, RDT&E Project Justification: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 7	R-1 Program Element (Number/Name) PE 0305251N / <i>CYBERSPACE OPERATIONS FORCES & FORCE SPT</i>	Project (Number/Name) 2958 / <i>Cyberspace Activities</i>

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
FY24 funded Project 2958 to United States Cyber Command (USCC) with no associated FY25 funding.					
Accomplishments/Planned Programs Subtotals	0.000	2.000	0.000	0.000	0.000

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

N/A

Remarks

D. Acquisition Strategy

This project is designated non-Acquisition Category (ACAT).

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Navy **Date:** March 2024

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Product Development (\$ in Millions)				FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Support Development	C/FP	CWG-6 : Maryland	2.424	0.000		0.000		0.000		-		0.000	0.000	2.424	-
Hardware and Software Engineering (1)	C/CPFF	Cassified : Classified	5.090	0.000		0.000		0.000		-		0.000	0.000	5.090	-
Development (1)	Various	Classified : Classified	39.250	0.000		0.000		0.000		-		0.000	0.000	39.250	-
Development	C/CPFF	USCC : Washington DC	8.125	0.000		0.000		0.000		-		0.000	0.000	8.125	-
Development & Software	MIPR	USAF : Classified	4.150	0.000		0.000		0.000		-		0.000	0.000	4.150	-
Foundational Toolkit	Various	Classified : Classified	0.000	0.000		0.000		0.000		-		0.000	0.000	0.000	-
Specialized Toolkit	Various	Classified : Classified	0.000	0.000		0.000		0.000		-		0.000	0.000	0.000	-
Cyber Tools Enablers	Various	Classified : Classified	0.000	0.000		0.000		0.000		-		0.000	0.000	0.000	-
Subtotal			59.039	0.000		0.000		0.000		-		0.000	0.000	59.039	N/A

Remarks
 - See classified Addendum for more details.
 - Foundational toolkit increase in FY22 reflects addition of the second toolkit.

Support (\$ in Millions)				FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Development Support	C/FFP	Various : Various	0.303	0.000		0.000		0.000		-		0.000	0.000	0.303	-
Dev OPs Support (1)	C/CPFF	Classified : Classified	3.008	0.000		0.000		0.000		-		0.000	0.000	3.008	-
Development Operations	Various	Classified : Classified	0.000	0.000		0.000		0.000		-		0.000	0.000	0.000	-
Development Networks	Various	Classified : Classified	0.000	0.000		0.000		0.000		-		0.000	0.000	0.000	-
Subtotal			3.311	0.000		0.000		0.000		-		0.000	0.000	3.311	N/A

Remarks
 - See classified Addendum for more details.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Navy **Date:** March 2024

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Management Services (\$ in Millions)				FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Program Management Service (1)	Various	Classified : Classified	6.081	0.000		0.000		0.000		-		0.000	0.000	6.081	-
Study	TBD	NIWC LANT : Charleston, SC	0.000	0.000		2.000	Mar 2024	0.000		-		0.000	0.000	2.000	-
Subtotal			6.081	0.000		2.000		0.000		-		0.000	0.000	8.081	N/A

Remarks
 1-Due to classification category, may not be on Defense Message System General Service (GENSER) classified exhibits. FY2020 activities reflected on project 2958, PE 0204575N RDOC. In FY24, \$2M for Fleet Cyber Command to study Joint Common Access Platform off-net access in coordination with U.S. CYBERCOM (FY24 \$6M RDTE,DW 0208085JCY) and Air Force (FY24 \$2M RDTE,AF 0208087F). Additional details held at a higher classification.

	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	68.431	0.000	2.000	0.000	-	0.000	0.000	70.431	N/A

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2025 Navy		Date: March 2024
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FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029			
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4

Proj 2958	
Cyberspace Additions Activities: Hardware Engineering	██████████
Cyberspace Additions Activities: Support	██████████
Cyberspace Additions Activities: Software	██████████
Cyberspace Additions Activities: Dev Ops Networks	██████████
Cyberspace Additions Activities: Engineering	██████████
Cyberspace Additions Activities: Simulation and Testing	██████████
Remote Development: Remote Development	██████████

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Exhibit R-4A, RDT&E Schedule Details: PB 2025 Navy		Date: March 2024
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Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Proj 2958				
Cyberspace Additions Activities: Hardware Engineering	1	2024	4	2024
Cyberspace Additions Activities: Support	1	2024	4	2024
Cyberspace Additions Activities: Software	1	2024	4	2024
Cyberspace Additions Activities: Dev Ops Networks	1	2024	4	2024
Cyberspace Additions Activities: Engineering	1	2024	4	2024
Cyberspace Additions Activities: Simulation and Testing	1	2024	4	2024
Remote Development: Remote Development	1	2024	4	2024