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Exhibit R-2, RDT&E Budget Item Justification: PB 2022 Navy **Date:** May 2021

Appropriation/Budget Activity 1319: <i>Research, Development, Test & Evaluation, Navy / BA 5: System Development & Demonstration (SDD)</i>	R-1 Program Element (Number/Name) PE 0604761N / <i>Intelligence Engineering</i>
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COST (\$ in Millions)	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	Cost To Complete	Total Cost
Total Program Element	26.965	44.611	12.088	20.684	-	20.684	-	-	-	-	-	-
3103: <i>Intelligence Engineering</i>	2.667	3.969	3.006	3.887	-	3.887	-	-	-	-	-	-
3419: <i>Technical Algorithm Development</i>	15.698	16.017	0.000	0.000	-	0.000	-	-	-	-	-	-
3421: <i>Non-Kinetic Countermeasure Support</i>	8.600	5.725	9.082	16.797	-	16.797	-	-	-	-	-	-
9999: <i>Congressional Adds</i>	0.000	18.900	0.000	0.000	-	0.000	-	-	-	-	-	-

Note

Beginning in FY 2021, Project 3419 Technical Algorithm Development transferred from Program Element (PE) 0604761N Intelligence Engineering to PE 0604419N Advanced Sensors Application Program (ASAP).

A. Mission Description and Budget Item Justification

The details of this program element are classified and are submitted annually to Congress in the classified budget justification books.

B. Program Change Summary (\$ in Millions)

	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022 Base</u>	<u>FY 2022 OCO</u>	<u>FY 2022 Total</u>
Previous President's Budget	45.610	15.716	22.299	-	22.299
Current President's Budget	44.611	12.088	20.684	-	20.684
Total Adjustments	-0.999	-3.628	-1.615	-	-1.615
• Congressional General Reductions	-	-0.334			
• Congressional Directed Reductions	-	-3.294			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-0.999	0.000			
• SBIR/STTR Transfer	-	-			
• Rate/Misc Adjustments	0.000	0.000	-1.615	-	-1.615

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

Project: 9999: *Congressional Adds*

Congressional Add: *Command and control satellite systems cyber security*

FY 2020	FY 2021
15.000	0.000

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

Congressional Add: *Countermeasure development*

Congressional Add Subtotals for Project: 9999

Congressional Add Totals for all Projects

	FY 2020	FY 2021
	3.900	0.000
	18.900	0.000
	18.900	0.000

Change Summary Explanation

The details of this program element are classified and are submitted annually to Congress in the classified budget justification books.

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Exhibit R-2A, RDT&E Project Justification: PB 2022 Navy **Date:** May 2021

Appropriation/Budget Activity 1319 / 5					R-1 Program Element (Number/Name) PE 0604761N / Intelligence Engineering				Project (Number/Name) 3103 / Intelligence Engineering			
COST (\$ in Millions)	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	Cost To Complete	Total Cost
3103: <i>Intelligence Engineering</i>	2.667	3.969	3.006	3.887	-	3.887	-	-	-	-	-	-
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The details of this program element are classified and are submitted annually to Congress in the classified budget justification books.

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

	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Title: Intelligence Engineering	3.969	3.006	3.887	0.000	3.887
Articles:	-	-	-	-	-
FY 2021 Plans: N/A					
FY 2022 Base Plans: N/A					
FY 2022 OCO Plans: N/A					
FY 2021 to FY 2022 Increase/Decrease Statement: Details available at a higher classification.					
Accomplishments/Planned Programs Subtotals	3.969	3.006	3.887	0.000	3.887

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

N/A

Remarks

D. Acquisition Strategy

The details of this program element are classified and are submitted annually to Congress in the classified budget justification books.

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Exhibit R-4, RDT&E Schedule Profile: PB 2022 Navy **Date:** May 2021

Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604761N / <i>Intelligence Engineering</i>	Project (Number/Name) 3103 / <i>Intelligence Engineering</i>
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FY 2020				FY 2021				FY 2022				FY 2023				FY 2024				FY 2025				FY 2026			
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 3103	
Schedule Detail - Classified	[REDACTED]

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Exhibit R-4A, RDT&E Schedule Details: PB 2022 Navy	Date: May 2021
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Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604761N / <i>Intelligence Engineering</i>	Project (Number/Name) 3103 / <i>Intelligence Engineering</i>
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Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Proj 3103</i>				
Schedule Detail - Classified	1	2020	4	2022

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Exhibit R-2A, RDT&E Project Justification: PB 2022 Navy **Date:** May 2021

Appropriation/Budget Activity 1319 / 5					R-1 Program Element (Number/Name) PE 0604761N / Intelligence Engineering				Project (Number/Name) 3419 / Technical Algorithm Development			
COST (\$ in Millions)	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	Cost To Complete	Total Cost
3419: <i>Technical Algorithm Development</i>	15.698	16.017	0.000	0.000	-	0.000	-	-	-	-	-	-
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

Note

In FY 2021, Project 3419 Technical Algorithm Development transferred from Program Element (PE) 0604761N Intelligence Engineering to PE 0604419N Advanced Sensors Application Program (ASAP).

A. Mission Description and Budget Item Justification

The details of this program element are classified and are submitted annually to Congress in the classified budget justification books.

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

	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Title: Technical Algorithm Development	16.017	0.000	0.000	0.000	0.000
Articles:	-	-	-	-	-
FY 2021 Plans: N/A					
FY 2022 Base Plans: N/A					
FY 2022 OCO Plans: N/A					
Accomplishments/Planned Programs Subtotals	16.017	0.000	0.000	0.000	0.000

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

N/A

Remarks

D. Acquisition Strategy

The details of this program element are classified and are submitted annually to Congress in the classified budget justification books.

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Exhibit R-4, RDT&E Schedule Profile: PB 2022 Navy **Date:** May 2021

Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604761N / <i>Intelligence Engineering</i>	Project (Number/Name) 3419 / <i>Technical Algorithm Development</i>
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Proj 3419	FY 2020				FY 2021				FY 2022			
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
SECRET												

2022PB - 0604761N - 3419

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Exhibit R-4A, RDT&E Schedule Details: PB 2022 Navy	Date: May 2021
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Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604761N / <i>Intelligence Engineering</i>	Project (Number/Name) 3419 / <i>Technical Algorithm Development</i>
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Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Proj 3419</i>				
SECRET	1	2020	1	2021

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Exhibit R-2A, RDT&E Project Justification: PB 2022 Navy **Date:** May 2021

Appropriation/Budget Activity 1319 / 5					R-1 Program Element (Number/Name) PE 0604761N / Intelligence Engineering				Project (Number/Name) 3421 / Non-Kinetic Countermeasure Support			
COST (\$ in Millions)	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	Cost To Complete	Total Cost
3421: Non-Kinetic Countermeasure Support	8.600	5.725	9.082	16.797	-	16.797	-	-	-	-	-	-
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The details of this program element are classified and are submitted annually to Congress in the classified budget justification books.

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

	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Title: Non-Kinetic Countermeasure Support	5.725	9.082	16.797	0.000	16.797
Articles:	-	-	-	-	-
FY 2021 Plans: N/A					
FY 2022 Base Plans: N/A					
FY 2022 OCO Plans: N/A					
FY 2021 to FY 2022 Increase/Decrease Statement: Details available at a higher classification.					
Accomplishments/Planned Programs Subtotals	5.725	9.082	16.797	0.000	16.797

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

N/A

Remarks

D. Acquisition Strategy

The details of this program element are classified and are submitted annually to Congress in the classified budget justification books.

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Exhibit R-4, RDT&E Schedule Profile: PB 2022 Navy			Date: May 2021		
Appropriation/Budget Activity 1319 / 5		R-1 Program Element (Number/Name) PE 0604761N / <i>Intelligence Engineering</i>		Project (Number/Name) 3421 / <i>Non-Kinetic Countermeasure Support</i>	

FY 2020				FY 2021				FY 2022				FY 2023				FY 2024				FY 2025				FY 2026			
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 3421	
NKCM Schedule Detail - Classified	

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Exhibit R-4A, RDT&E Schedule Details: PB 2022 Navy		Date: May 2021
Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604761N / <i>Intelligence Engineering</i>	Project (Number/Name) 3421 / <i>Non-Kinetic Countermeasure Support</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Proj 3421</i>				
NKCM Schedule Detail - Classified	1	2020	4	2022

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Exhibit R-2A, RDT&E Project Justification: PB 2022 Navy **Date:** May 2021

Appropriation/Budget Activity 1319 / 5					R-1 Program Element (Number/Name) PE 0604761N / Intelligence Engineering				Project (Number/Name) 9999 / Congressional Adds			
COST (\$ in Millions)	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	Cost To Complete	Total Cost
9999: Congressional Adds	0.000	18.900	0.000	0.000	-	0.000	-	-	-	-	-	-
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

One year Congressional Add in support of NKCM development and S2A.

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

	FY 2020	FY 2021
Congressional Add: Command and control satellite systems cyber security <i>FY 2020 Accomplishments:</i> N/A <i>FY 2021 Plans:</i> N/A	15.000	0.000
Congressional Add: Countermeasure development <i>FY 2020 Accomplishments:</i> N/A <i>FY 2021 Plans:</i> N/A	3.900	0.000
Congressional Adds Subtotals	18.900	0.000

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

N/A

Remarks

D. Acquisition Strategy

N/A

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Exhibit R-4, RDT&E Schedule Profile: PB 2022 Navy **Date:** May 2021

Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604761N / <i>Intelligence Engineering</i>	Project (Number/Name) 9999 / <i>Congressional Adds</i>
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FY 2020				FY 2021				FY 2022				FY 2023				FY 2024				FY 2025				FY 2026			
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 9999	
Schedule Detail - S2A	[REDACTED]
NKCM Schedule Detail - Classified	[REDACTED]

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Exhibit R-4A, RDT&E Schedule Details: PB 2022 Navy **Date:** May 2021

Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604761N / <i>Intelligence Engineering</i>	Project (Number/Name) 9999 / <i>Congressional Adds</i>
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Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Proj 9999				
Schedule Detail - S2A	3	2020	2	2021
NKCM Schedule Detail - Classified	3	2020	2	2021