

UNCLASSIFIED

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

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>
--	---

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	1.000	25.965	45.610	15.716	-	15.716	22.299	22.689	21.387	21.675	Continuing	Continuing
3103: <i>Intelligence Engineering</i>	0.000	2.667	3.969	3.340	-	3.340	5.256	5.032	4.685	4.780	Continuing	Continuing
3419: <i>Technical Algorithm Development</i>	0.000	15.698	17.016	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	32.714
3421: <i>Non-Kinetic Countermeasure Support</i>	1.000	7.600	5.725	12.376	-	12.376	17.043	17.657	16.702	16.895	Continuing	Continuing
9999: <i>Congressional Adds</i>	0.000	0.000	18.900	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	18.900

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 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	25.965	26.710	28.917	-	28.917
Current President's Budget	25.965	45.610	15.716	-	15.716
Total Adjustments	0.000	18.900	-13.201	-	-13.201
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	18.900			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Program Adjustments	0.000	0.000	-13.210	-	-13.210
• Rate/Misc Adjustments	0.000	0.000	0.009	-	0.009

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

Project: 9999: *Congressional Adds*

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

FY 2019	FY 2020
0.000	15.000

UNCLASSIFIED

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

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>
--	---

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 2019	FY 2020
	0.000	3.900
	0.000	18.900
	0.000	18.900

Change Summary Explanation

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

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2021 Navy										Date: February 2020		
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>			
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
3103: <i>Intelligence Engineering</i>	0.000	2.667	3.969	3.340	-	3.340	5.256	5.032	4.685	4.780	Continuing	Continuing
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 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total
Title: Intelligence Engineering	2.667	3.969	3.340	0.000	3.340
Articles:	-	-	-	-	-
FY 2020 Plans: N/A					
FY 2021 Base Plans: N/A					
FY 2021 OCO Plans: N/A					
FY 2020 to FY 2021 Increase/Decrease Statement: The details of this program element and decrease impact are classified and are submitted annually to Congress in the classified budget justification books.					
Accomplishments/Planned Programs Subtotals	2.667	3.969	3.340	0.000	3.340

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.

UNCLASSIFIED

Exhibit R-4, RDT&E Schedule Profile: PB 2021 Navy **Date:** February 2020

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>
--	---	--

FY 2019				FY 2020				FY 2021				FY 2022				FY 2023				FY 2024				FY 2025			
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	

UNCLASSIFIED

Exhibit R-4A, RDT&E Schedule Details: PB 2021 Navy **Date:** February 2020

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>
--	---	--

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Proj 3103</i>				
Schedule Detail - Classified	1	2019	4	2025

UNCLASSIFIED

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

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>
--	---	---

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
3419: <i>Technical Algorithm Development</i>	0.000	15.698	17.016	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	32.714
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 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total
Title: Technical Algorithm Development	15.698	17.016	0.000	0.000	0.000
Articles:	-	-	-	-	-
FY 2020 Plans: N/A					
FY 2021 Base Plans: N/A					
FY 2021 OCO Plans: N/A					
FY 2020 to FY 2021 Increase/Decrease Statement: The details of this program element are classified and are submitted annually to Congress in the classified budget justification books.					
Accomplishments/Planned Programs Subtotals	15.698	17.016	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.

UNCLASSIFIED

Exhibit R-4, RDT&E Schedule Profile: PB 2021 Navy **Date:** February 2020

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>
--	---	---

Proj 3419	FY 2019				FY 2020				FY 2021				FY 2022				FY 2023				FY 2024				FY 2025							
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q				
2021PB - 0604761N - 3419																																

UNCLASSIFIED

Exhibit R-4A, RDT&E Schedule Details: PB 2021 Navy		Date: February 2020
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>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Proj 3419				
SECRET	1	2019	1	2021

UNCLASSIFIED

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

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>
--	---	--

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
3421: <i>Non-Kinetic Countermeasure Support</i>	1.000	7.600	5.725	12.376	-	12.376	17.043	17.657	16.702	16.895	Continuing	Continuing
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 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total
Title: Non-Kinetic Countermeasure Support	7.600	5.725	12.376	0.000	12.376
Articles:	-	-	-	-	-
FY 2020 Plans: N/A					
FY 2021 Base Plans: N/A					
FY 2021 OCO Plans: N/A					
FY 2020 to FY 2021 Increase/Decrease Statement: The details of this program element are classified and are submitted annually to Congress in the classified budget justification books.					
Accomplishments/Planned Programs Subtotals	7.600	5.725	12.376	0.000	12.376

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.

UNCLASSIFIED

Exhibit R-4, RDT&E Schedule Profile: PB 2021 Navy **Date:** February 2020

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 2019				FY 2020				FY 2021				FY 2022				FY 2023				FY 2024				FY 2025			
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	

UNCLASSIFIED

Exhibit R-4A, RDT&E Schedule Details: PB 2021 Navy		Date: February 2020
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
Proj 3421				
NKCM Schedule Detail - Classified	1	2019	4	2025

UNCLASSIFIED

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

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 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
9999: Congressional Adds	0.000	0.000	18.900	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	18.900
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 2019	FY 2020
Congressional Add: Command and control satellite systems cyber security <i>FY 2019 Accomplishments:</i> N/A <i>FY 2020 Plans:</i> N/A	0.000	15.000
Congressional Add: Countermeasure development <i>FY 2019 Accomplishments:</i> N/A <i>FY 2020 Plans:</i> N/A	0.000	3.900
Congressional Adds Subtotals	0.000	18.900

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

N/A

Remarks

D. Acquisition Strategy

N/A

UNCLASSIFIED

Exhibit R-4, RDT&E Schedule Profile: PB 2021 Navy **Date:** February 2020

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>
--	---	--

FY 2019				FY 2020				FY 2021				FY 2022				FY 2023				FY 2024				FY 2025			
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	██████████
NKCM Schedule Detail - Classified	██████████

UNCLASSIFIED

Exhibit R-4A, RDT&E Schedule Details: PB 2021 Navy **Date:** February 2020

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>
--	---	--

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