

**UNCLASSIFIED**

<b>Exhibit R-2, RDT&amp;E Budget Item Justification:</b> PB 2020 Navy	<b>Date:</b> March 2019
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Appropriation/Budget Activity	R-1 Program Element (Number/Name)											
1319: Research, Development, Test & Evaluation, Navy / BA 5: System Development & Demonstration (SDD)	PE 0604761N / Intelligence Engineering											
COST (\$ in Millions)	Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	Cost To Complete	Total Cost
Total Program Element	11.082	44.855	25.965	26.710	-	26.710	28.917	29.269	29.334	29.919	Continuing	Continuing
3103: Intelligence Engineering	11.082	6.355	3.626	3.969	-	3.969	4.440	4.599	4.595	4.687	Continuing	Continuing
3419: Technical Algorithm Development	0.000	19.400	15.698	17.016	-	17.016	18.745	18.928	18.881	19.257	Continuing	Continuing
3421: Non-Kinetic Countermeasure Support	0.000	9.100	6.641	5.725	-	5.725	5.732	5.742	5.858	5.975	Continuing	Continuing
9999: Congressional Adds	0.000	10.000	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	10.000

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

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

B. Program Change Summary (\$ in Millions)	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Previous President's Budget	34.855	29.715	27.980	-	27.980
Current President's Budget	44.855	25.965	26.710	-	26.710
Total Adjustments	10.000	-3.750	-1.270	-	-1.270
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-3.750			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Program Adjustments	0.000	0.000	-1.273	-	-1.273
• Rate/Misc Adjustments	0.000	0.000	0.003	-	0.003
• Congressional Add Adjustments	10.000	-	-	-	-

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

**Project:** 9999: Congressional Adds

Congressional Add: Maritime Port Security Technology Integration

Congressional Add Subtotals for Project: 9999

FY 2018	FY 2019
10.000	0.000
10.000	0.000

# UNCLASSIFIED

<b>Exhibit R-2, RDT&amp;E Budget Item Justification:</b> PB 2020 Navy		<b>Date:</b> March 2019	
<b>Appropriation/Budget Activity</b> 1319: <i>Research, Development, Test &amp; Evaluation, Navy I BA 5: System Development &amp; Demonstration (SDD)</i>		<b>R-1 Program Element (Number/Name)</b> PE 0604761N / <i>Intelligence Engineering</i>	
<b>Congressional Add Details (\$ in Millions, and Includes General Reductions)</b>		<b>FY 2018</b>	<b>FY 2019</b>
Congressional Add Totals for all Projects		10.000	0.000
<b><u>Change Summary Explanation</u></b> The details of this program element are classified SECRET//NOFORN and are submitted annually to Congress in the classified budget justification books.			

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2020 Navy										<b>Date:</b> March 2019		
<b>Appropriation/Budget Activity</b> 1319 / 5					<b>R-1 Program Element (Number/Name)</b> PE 0604761N / <i>Intelligence Engineering</i>				<b>Project (Number/Name)</b> 3103 / <i>Intelligence Engineering</i>			
<b>COST (\$ in Millions)</b>	<b>Prior Years</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020 Base</b>	<b>FY 2020 OCO</b>	<b>FY 2020 Total</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
3103: <i>Intelligence Engineering</i>	11.082	6.355	3.626	3.969	-	3.969	4.440	4.599	4.595	4.687	Continuing	Continuing
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

**A. Mission Description and Budget Item Justification**  
The details of this program element are classified SECRET//NOFORN and are submitted annually to Congress in the classified budget justification books.

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

	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020 Base</b>	<b>FY 2020 OCO</b>	<b>FY 2020 Total</b>
<b>Title:</b> Intelligence Engineering	6.355	3.626	3.969	0.000	3.969
<b>Articles:</b>	-	-	-	-	-
<b>FY 2019 Plans:</b> The details of this program element and decrease impact are classified SECRET//NOFORN and are submitted annually to Congress in the classified budget justification books.					
<b>FY 2020 Base Plans:</b> N/A					
<b>FY 2020 OCO Plans:</b> N/A					
<b>FY 2019 to FY 2020 Increase/Decrease Statement:</b> The details of this program element are classified SECRET//NOFORN and are submitted annually to Congress in the classified budget justification books.					
<b>Accomplishments/Planned Programs Subtotals</b>	6.355	3.626	3.969	0.000	3.969

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

**Remarks**

**D. Acquisition Strategy**  
The details of this program element are classified SECRET//NOFORN and are submitted annually to Congress in the classified budget justification books.

**E. Performance Metrics**  
The details of this program element are classified SECRET//NOFORN and are submitted annually to Congress in the classified budget justification books.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2020 Navy												Date: March 2019			
Appropriation/Budget Activity 1319 / 5						R-1 Program Element (Number/Name) PE 0604761N / Intelligence Engineering				Project (Number/Name) 3103 / Intelligence Engineering					
Product Development (\$ in Millions)				FY 2018		FY 2019		FY 2020 Base		FY 2020 OCO		FY 2020 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Classified	TBD	Not Specified : Not Specified	11.082	6.355	Mar 2018	3.626	Mar 2019	3.969	Mar 2020	-		3.969	Continuing	Continuing	Continuing
Subtotal			11.082	6.355		3.626		3.969		-		3.969	Continuing	Continuing	N/A
			Prior Years	FY 2018		FY 2019		FY 2020 Base		FY 2020 OCO		FY 2020 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			11.082	6.355		3.626		3.969		-		3.969	Continuing	Continuing	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2020 Navy																Date: March 2019			
Appropriation/Budget Activity								R-1 Program Element (Number/Name)								Project (Number/Name)			
1319 / 5								PE 0604761N / Intelligence Engineering								3103 / Intelligence Engineering			

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Exhibit R-4A, RDT&E Schedule Details: PB 2020 Navy			Date: March 2019
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 (place holder)	4	2018	4	2023

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2020 Navy										<b>Date:</b> March 2019		
<b>Appropriation/Budget Activity</b> 1319 / 5					<b>R-1 Program Element (Number/Name)</b> PE 0604761N / <i>Intelligence Engineering</i>				<b>Project (Number/Name)</b> 3419 / <i>Technical Algorithm Development</i>			
<b>COST (\$ in Millions)</b>	<b>Prior Years</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020 Base</b>	<b>FY 2020 OCO</b>	<b>FY 2020 Total</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
3419: <i>Technical Algorithm Development</i>	0.000	19.400	15.698	17.016	-	17.016	18.745	18.928	18.881	19.257	Continuing	Continuing
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

**A. Mission Description and Budget Item Justification**  
 The details of this program element are classified SECRET//NOFORN and are submitted annually to Congress in the classified budget justification books.

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

	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020 Base</b>	<b>FY 2020 OCO</b>	<b>FY 2020 Total</b>
<b>Title:</b> Technical Algorithm Development	19.400	15.698	17.016	0.000	17.016
<b>Articles:</b>	-	-	-	-	-
<b>FY 2019 Plans:</b> The details of this program element are classified SECRET//NOFORN and are submitted annually to Congress in the classified budget justification books.					
<b>FY 2020 Base Plans:</b> The details of this program element are classified SECRET//NOFORN and are submitted annually to Congress in the classified budget justification books.					
<b>FY 2020 OCO Plans:</b> N/A					
<b>FY 2019 to FY 2020 Increase/Decrease Statement:</b> Classified program					
<b>Accomplishments/Planned Programs Subtotals</b>					17.016

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

**Remarks**

**D. Acquisition Strategy**  
 The details of this program element are classified SECRET//NOFORN and are submitted annually to Congress in the classified budget justification books.

**E. Performance Metrics**  
 The details of this program element are classified SECRET//NOFORN and are submitted annually to Congress in the classified budget justification books.

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<b>Exhibit R-3, RDT&amp;E Project Cost Analysis: PB 2020 Navy</b>												<b>Date:</b> March 2019			
<b>Appropriation/Budget Activity</b> 1319 / 5						<b>R-1 Program Element (Number/Name)</b> PE 0604761N / <i>Intelligence Engineering</i>				<b>Project (Number/Name)</b> 3419 / <i>Technical Algorithm Development</i>					
<b>Product Development (\$ in Millions)</b>				<b>FY 2018</b>		<b>FY 2019</b>		<b>FY 2020 Base</b>		<b>FY 2020 OCO</b>		<b>FY 2020 Total</b>			
<b>Cost Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Prior Years</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
Classified Project	TBD	Not Specified : Not Specified	0.000	19.400	Dec 2017	15.698	Dec 2018	17.016	Dec 2019	-		17.016	Continuing	Continuing	Continuing
<b>Subtotal</b>			0.000	19.400		15.698		17.016		-		17.016	Continuing	Continuing	N/A
			<b>Prior Years</b>	<b>FY 2018</b>		<b>FY 2019</b>		<b>FY 2020 Base</b>		<b>FY 2020 OCO</b>		<b>FY 2020 Total</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
<b>Project Cost Totals</b>			0.000	19.400		15.698		17.016		-		17.016	Continuing	Continuing	N/A
<b>Remarks</b>															



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Exhibit R-4, RDT&E Schedule Profile: PB 2020 Navy			Date: March 2019		
Appropriation/Budget Activity		R-1 Program Element (Number/Name)		Project (Number/Name)	
1319 / 5		PE 0604761N / Intelligence Engineering		3419 / Technical Algorithm Development	

	FY 2018				FY 2019				FY 2020				FY 2021				FY 2022				FY 2023				FY 2024			
	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 3419																												
Schedule Detail																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2020 Navy		Date: March 2019
Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604761N / Intelligence Engineering	Project (Number/Name) 3419 / Technical Algorithm Development

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Proj 3419				
Schedule Detail	1	2018	4	2024

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2020 Navy										<b>Date:</b> March 2019		
<b>Appropriation/Budget Activity</b> 1319 / 5					<b>R-1 Program Element (Number/Name)</b> PE 0604761N / <i>Intelligence Engineering</i>				<b>Project (Number/Name)</b> 3421 / <i>Non-Kinetic Countermeasure Support</i>			
<b>COST (\$ in Millions)</b>	<b>Prior Years</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020 Base</b>	<b>FY 2020 OCO</b>	<b>FY 2020 Total</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
3421: <i>Non-Kinetic Countermeasure Support</i>	0.000	9.100	6.641	5.725	-	5.725	5.732	5.742	5.858	5.975	Continuing	Continuing
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

**A. Mission Description and Budget Item Justification**  
 The details of this program element are classified SECRET//NOFORN and are submitted annually to Congress in the classified budget justification books.

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

	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020 Base</b>	<b>FY 2020 OCO</b>	<b>FY 2020 Total</b>
<b>Title:</b> New Accomplishment/Planned Program Entry	9.100	6.641	5.725	0.000	5.725
<b>Articles:</b>	-	-	-	-	-
<b>FY 2019 Plans:</b> The details of this program element and decrease impact are classified SECRET//NOFORN and are submitted annually to Congress in the classified budget justification books.					
<b>FY 2020 Base Plans:</b> N/A					
<b>FY 2020 OCO Plans:</b> N/A					
<b>FY 2019 to FY 2020 Increase/Decrease Statement:</b> Planned decrease by CAPE of \$2M, additional OSD & DoN PEE decreases applied.					
<b>Accomplishments/Planned Programs Subtotals</b>					5.725

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

**Remarks**

**D. Acquisition Strategy**  
 The details of this program element are classified SECRET//NOFORN and are submitted annually to Congress in the classified budget justification books.

**E. Performance Metrics**  
 The details of this program element are classified SECRET//NOFORN and are submitted annually to Congress in the classified budget justification books.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2020 Navy												Date: March 2019			
Appropriation/Budget Activity 1319 / 5						R-1 Program Element (Number/Name) PE 0604761N / Intelligence Engineering				Project (Number/Name) 3421 / Non-Kinetic Countermeasure Support					
Product Development (\$ in Millions)				FY 2018		FY 2019		FY 2020 Base		FY 2020 OCO		FY 2020 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Classified Project	TBD	Not Specified : Not Specified	0.000	9.100	Oct 2017	6.641	Oct 2018	5.725	Oct 2019	-		5.725	Continuing	Continuing	Continuing
Subtotal			0.000	9.100		6.641		5.725		-		5.725	Continuing	Continuing	N/A
			Prior Years	FY 2018		FY 2019		FY 2020 Base		FY 2020 OCO		FY 2020 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			0.000	9.100		6.641		5.725		-		5.725	Continuing	Continuing	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2020 Navy			Date: March 2019		
Appropriation/Budget Activity		R-1 Program Element (Number/Name)		Project (Number/Name)	
1319 / 5		PE 0604761N / Intelligence Engineering		3421 / Non-Kinetic Countermeasure Support	

	FY 2018				FY 2019				FY 2020				FY 2021				FY 2022				FY 2023				FY 2024			
	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																												
Schedule Detail (place holder)																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2020 Navy		Date: March 2019
Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604761N / Intelligence Engineering	Project (Number/Name) 3421 / Non-Kinetic Countermeasure Support

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Proj 3421				
Schedule Detail (place holder)	3	2018	3	2024

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Exhibit R-2A, RDT&E Project Justification: PB 2020 Navy										Date: March 2019		
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>			
COST (\$ in Millions)	Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	Cost To Complete	Total Cost
9999: <i>Congressional Adds</i>	0.000	10.000	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	10.000
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

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

One year Congressional Add. Consolidates AMRS and Sea Vision into unclassified SeaLink Advances Analysis.

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

	<b>FY 2018</b>	<b>FY 2019</b>
<b><i>Congressional Add:</i></b> Maritime Port Security Technology Integration	10.000	0.000
<b><i>FY 2018 Accomplishments:</i></b> N/A		
<b><i>FY 2019 Plans:</i></b> N/A		
<b>Congressional Adds Subtotals</b>	10.000	0.000

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

N/A

**Remarks**

**D. Acquisition Strategy**

N/A

**E. Performance Metrics**

N/A

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<b>Exhibit R-3, RDT&amp;E Project Cost Analysis:</b> PB 2020 Navy													<b>Date:</b> March 2019		
<b>Appropriation/Budget Activity</b> 1319 / 5						<b>R-1 Program Element (Number/Name)</b> PE 0604761N / <i>Intelligence Engineering</i>				<b>Project (Number/Name)</b> 9999 / <i>Congressional Adds</i>					

  

<b>Product Development (\$ in Millions)</b>				<b>FY 2018</b>		<b>FY 2019</b>		<b>FY 2020 Base</b>		<b>FY 2020 OCO</b>		<b>FY 2020 Total</b>			
<b>Cost Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Prior Years</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
S2A Development	C/CPFF	Not Specified : Not Specified	0.000	10.000	Jul 2018	0.000		0.000		-		0.000	0.000	10.000	-
<b>Subtotal</b>			0.000	10.000		0.000		0.000		-		0.000	0.000	10.000	N/A

  

	<b>Prior Years</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020 Base</b>	<b>FY 2020 OCO</b>	<b>FY 2020 Total</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
<b>Project Cost Totals</b>	0.000	10.000	0.000	0.000	-	0.000	0.000	10.000	N/A

  

**Remarks**



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Exhibit R-4, RDT&E Schedule Profile: PB 2020 Navy			Date: March 2019		
Appropriation/Budget Activity		R-1 Program Element (Number/Name)		Project (Number/Name)	
1319 / 5		PE 0604761N / Intelligence Engineering		9999 / Congressional Adds	

	FY 2018				FY 2019				FY 2020				FY 2021				FY 2022				FY 2023				FY 2024			
	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 Development																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2020 Navy		Date: March 2019
Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604761N / Intelligence Engineering	Project (Number/Name) 9999 / Congressional Adds

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Proj 9999</i>				
Schedule Detail - S2A Development	3	2018	3	2020