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

R-1 Program Element (Number/Name)

Appropriation/Budget Activity

Countermeasure Support 9999: Congressional Adds PE 0604761N I Intelligence Engineering

0.000

0.000

0.000

0.000

1319: Research, Development, Test & Evaluation, Navy I BA 5: System

0.000

10.000

0.000

Development & Demonstration (SDD)

Prior **FY 2020** FY 2020 FY 2020 Cost To Total **COST (\$ in Millions)** FY 2018 FY 2019 OCO Total FY 2021 FY 2022 FY 2023 FY 2024 Cost **Years** Base Complete **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 17.016 18.881 19.257 Continuing 0.000 19.400 15.698 17.016 18.745 18.928 Continuing Development 3421: Non-Kinetic 5.725 5.732 5.975 | Continuing | Continuing 0.000 9.100 6.641 5.725 5.742 5.858

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.

0.000

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

	FY 2018	FY 2019
	10.000	0.000
99	10.000	0.000

Date: March 2019

0.000

0.000

10.000

Congressional Add Subtotals for Project: 9999

PE 0604761N: Intelligence Engineering Navy

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•	51102/10011 125									
Research, Development, Test & Evaluation, Navy I BA 5: System PE 0604761N I Intelligence Engineering										
Appropriation/Budget Activity 1319: Research, Development, Test & Evaluation, Navy I BA 5: System Development & Demonstration (SDD)										
Congressional Add Details (\$ in Millions, and Includes General R	Reductions)		FY 2018	FY 2019						
	Congressional Add Totals for all Pro	ojects	10.000	0.000						
Change Summary Explanation The details of this program element are classified SECRET//NOFOR	RN and are submitted annually to Congress in the classified	budget j	ustification bo	oks.						

PE 0604761N: Intelligence Engineering Navy

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Exhibit R-2A, RDT&E Project Ju	Exhibit R-2A, RDT&E Project Justification: PB 2020 Navy Date: March 2019													
Appropriation/Budget Activity 1319 / 5	_	am Elemen 61N / Intellig	•	,	Project (Number/Name) 3103 / 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		
3103: Intelligence Engineering	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)			FY 2020	FY 2020	FY 2020
	FY 2018	FY 2019	Base	oco	Total
Title: Intelligence Engineering	6.355	3.626	3.969	0.000	3.969
Articles:	-	-	-	-	-
FY 2019 Plans:					
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.					
FY 2020 Base Plans: N/A					
FY 2020 OCO Plans: N/A					
FY 2019 to FY 2020 Increase/Decrease Statement: The details of this program element are classified SECRET//NOFORN and are submitted annually to Congress in the classified budget justification books.					
Accomplishments/Planned Programs Subtotals	6.355	3.626	3.969	0.000	3.969

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

N/A

Navy

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.

PE 0604761N: Intelligence Engineering

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2020 Navy			Date: March 2019
Appropriation/Budget Activity	R-1 Program Element (Number/Name)	Project (N	umber/Name)
1319 / 5	PE 0604761N I Intelligence Engineering	3103 / Inte	lligence Engineering

Product Developmer	nt (\$ in Mi	illions)		FY 2	2018	FY 2	2019		2020 ase		2020 CO	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	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
			Duinu					FV (0000	FV.	2020	EV 2020	Cont To	Tatal	Target

	Prior Years	FY 2	018	FY 2	2019	FY 20 Bas	-	FY 2020 OCO	FY 2020 Total	Cost To	Total Cost	Target Value of Contract
Project Cost Totals	11.082	6.355		3.626		3.969		-	3.969	Continuing	Continuing	N/A

Remarks

PE 0604761N: Intelligence Engineering Navy

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Exhibit R-4, RDT&E Schedule Profile: PB	3 2020 Navy		Date: March 2019							
Appropriation/Budget Activity		R-1 Program Element (Number/Na								
1319 / 5 PE 0604761N / Intelligence Engineering 3103 / Intelligence Engineering										
	FY 2018 FY 20	19 FY 2020 FY 2021	FY 2022 FY 2023 FY 2024							
	1 2 3 4 1 2 3	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 (place holder)										

Exhibit R-4A, RDT&E Schedule Details: PB 2020 Navy			Date: March 2019
Appropriation/Budget Activity	, ,	, , ,	umber/Name)
1319 / 5	PE 0604761N I Intelligence Engineering	3 IUS I IIILE	lligence Engineering

Schedule Details

	St	art	End		
Events by Sub Project	Quarter	Year	Quarter	Year	
Proj 3103					
Schedule Detail (place holder)	4	2018	4	2023	

Exhibit R-2A, RDT&E Project Justification: PB 2020 Navy												Date: March 2019		
Appropriation/Budget Activity 1319 / 5						, ,				Project (Number/Name) 3419 I Technical Algorithm Development				
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		
3419: Technical Algorithm Development	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)			FY 2020	FY 2020	FY 2020
	FY 2018	FY 2019	Base	ОСО	Total
Title: Technical Algorithm Development	19.400	15.698	17.016	0.000	17.016
Articles:	_	-	-	-	-
FY 2019 Plans:					
The details of this program element are classified SECRET//NOFORN and are submitted annually to Congress in the classified budget justification books.					
FY 2020 Base Plans: The details of this program element are classified SECRET//NOFORN and are submitted annually to Congress in the classified budget justification books.					
FY 2020 OCO Plans: N/A					
FY 2019 to FY 2020 Increase/Decrease Statement: Classified program					
Accomplishments/Planned Programs Subtotals	19.400	15.698	17.016	0.000	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.

PE 0604761N: Intelligence Engineering

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R-1 Line #146

Navy

Exhibit R-3, RDT&E Project Cost Analysis: PB 2020 Navy			Date: March 2019
Appropriation/Budget Activity	R-1 Program Element (Number/Name)	Project (N	umber/Name)
1319 / 5	PE 0604761N I Intelligence Engineering	3419 / Tec	hnical Algorithm Development

Product Developme	duct Development (\$ in Millions)			FY 2	2018	FY 2	2019		2020 ase		2020 CO	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	Total Cost	Target Value of Contract
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
		Subtotal	0.000	19.400		15.698		17.016		-		17.016	Continuing	Continuing	N/A
			Prior						2020		2020		Cost To	Total	Target

	Prior Years	FY 2	018	FY 2	2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	0.000	19.400		15.698		17.016	-	17.016	Continuing	Continuing	N/A

Remarks

PE 0604761N: Intelligence Engineering Navy

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Exhibit R-4, RDT&E Schedule Profile: P	B 2020 Navy																						Da	ate: N	1arc	ch 2	2019	9		
Appropriation/Budget Activity 1319 / 5										_		Eler I Int		•				•			•	•		iber/l		,		eve	lop	mer
		FY 2	018			FY	201	19		F	Y 20	20			FY 2	202°	l		FY	2022	2		F١	Y 202	3		F	Y 2	2024	4
	1	2	3	4	1	2	3	3 4	i 1	1 :	2	3 4	4	1	2	3	4	1	2	3	4	1	2	2 3	4		1	2	3	4
Proj 3419			,	,		·				,												,			,					
Schedule Detail																														

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

Schedule Details

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

Exhibit R-2A, RDT&E Project Ju	Exhibit R-2A, RDT&E Project Justification: PB 2020 Navy												
Appropriation/Budget Activity 1319 / 5					_		t (Number/ gence Engin		Number/Name) on-Kinetic Countermeasure Support				
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	
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	
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)	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Title: New Accomplishment/Planned Program Entry	9.100	6.641	5.725	0.000	5.725
Articles:	-	-	-	-	-
FY 2019 Plans: 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.					
FY 2020 Base Plans: N/A					
FY 2020 OCO Plans: N/A					
FY 2019 to FY 2020 Increase/Decrease Statement: Planned decrease by CAPE of \$2M, additional OSD & DoN PIEE decreases applied.					
Accomplishments/Planned Programs Subtotals	9.100	6.641	5.725	0.000	5.725

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

N/A

Navy

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.

PE 0604761N: Intelligence Engineering

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R-1 Line #146

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2020 Navy		Date: March 2019
Appropriation/Budget Activity	R-1 Program Element (Number/Name)	Project (Number/Name)
1319 / 5	PE 0604761N I Intelligence Engineering	3421 I Non-Kinetic Countermeasure Support

Product Developme	oduct Development (\$ in Millions)			,			FY 2	2018	FY 2	2019		2020 ase		2020 CO	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	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			
															Target			

	Prior Years	FY 2018	8 FY 2	FY 2 2019 Ba	020 FY 2020 se OCO	FY 2020 Total	Cost To	Total Cost	Target Value of Contract
Project Cost Totals	0.000	9.100	6.641	5.725	-	5.725	Continuing	Continuing	N/A

Remarks

PE 0604761N: Intelligence Engineering Navy

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Exhibit R-4, RDT&E Schedule Profile: PB	2020 Nav	у																						D	ate:	Ma	arch	20	19			
Appropriation/Budget Activity 1319 / 5											_		lem Inte		•							-	•		nbe Kinet			•	mea	asur	e Su _l	pport
		F	Y 20	18		F	FY 2	2019			FY	202	0		F`	Y 20	21			FY	202	2		F	Y 20)23			FY	202	4]
	1		2 3	3	4	1	2	3	4	1	2	3	4	1	1 :	2	3	4	1	2	3	4	1		2	3	4	1	2	3	4	
Proj 3421			·			·	·								·						·	,			,							1
Schedule Detail (place holder)																																1

Exhibit R-4A, RDT&E Schedule Details: PB 2020 Navy			Date: March 2019
Appropriation/Budget Activity	R-1 Program Element (Number/Name)	Project (N	umber/Name)
1319 / 5	PE 0604761N I Intelligence Engineering	3421 / Nor	n-Kinetic Countermeasure Support

Schedule Details

	St	art	Eı	nd
Events by Sub Project	Quarter	Year	Quarter	Year
Proj 3421				
Schedule Detail (place holder)	3	2018	3	2024

Exhibit R-2A, RDT&E Project Ju	stification:	PB 2020 N	lavy							Date: Mar	ch 2019	
Appropriation/Budget Activity 1319 / 5					_	am Elemen 31N / Intellig	•		Project (N 9999 / Con		,	
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: Congressional Adds	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)	FY 2018	FY 2019
Congressional Add: Maritime Port Security Technology Integration	10.000	0.000
FY 2018 Accomplishments: N/A		
FY 2019 Plans: N/A		
Congressional Adds Subtotals	10.000	0.000

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

N/A

Remarks

D. Acquisition Strategy

N/A

E. Performance Metrics

N/A

PE 0604761N: Intelligence Engineering Navy

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2020 Navy			Date: March 2019
'' '	,	,	umber/Name)
1319 / 5	PE 0604761N I Intelligence Engineering	9999 I Con	ngressional Adds

Product Developmen	nt (\$ in Mi	llions)		FY 2	2018	FY 2	2019	FY 2 Ba			2020 CO	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
S2A Development	C/CPFF	Not Specified : Not Specified	0.000	10.000	Jul 2018	0.000		0.000		-		0.000	0.000	10.000	-
		Subtotal	0.000	10.000		0.000		0.000		-		0.000	0.000	10.000	N/A
		ſ													

	Prior Years	FY 20	018	FY 2	2019	FY 202 Base	- 1	FY 2020 OCO	FY 2020 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	0.000	10.000		0.000		0.000		-	0.000	0.000	10.000	N/A

Remarks

PE 0604761N: Intelligence Engineering Navy

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Exhibit R-4, RDT&E Schedule Profile: PE	3 2020 Na	avy																						I	Dat	e: M	arch	ı 20)19			
Appropriation/Budget Activity 1319 / 5												_		leme Intel		•				•	- 1	-		•		er/N ssion		•	3			
		F	Y 2	2018	3		FY	201	9		-	FY 2	2020)		FY	202	1		FY	202	22			FY	2023	3	$\overline{1}$	FY	202	24	
		1	2	3	4	. 1	2	2 3		4	1	2	3	4	1	2	3	4	1	2	2 3	3 4	4	1	2	3	4	1	2	: 3	3	4
Proj 9999		·								,												,					-					
Schedule Detail - S2A Development																																

Exhibit R-4A, RDT&E Schedule Details: PB 2020 Navy			Date: March 2019
1	,	, ,	umber/Name)
1319 / 5	PE 0604761N I Intelligence Engineering	9999 I Con	ngressional Adds

Schedule Details

	St	art	Eı	nd
Events by Sub Project	Quarter	Year	Quarter	Year
Proj 9999				
Schedule Detail - S2A Development	3	2018	3	2020