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Exhibit R-2, RDT&E Budget Item Justification: PB 2014 Navy **DATE:** April 2013

APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 6: <i>RDT&E Management Support</i>	R-1 ITEM NOMENCLATURE PE 0305885N: <i>Tactical Cryptologic Activities</i>
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COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
Total Program Element	0.000	1.198	2.795	0.497	-	0.497	0.302	0.201	0.000	0.000	0.000	4.993
0037: <i>TACT COMBAT OPER SYS</i>	0.000	1.198	2.795	0.497	-	0.497	0.302	0.201	0.000	0.000	0.000	4.993

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

A. Mission Description and Budget Item Justification

ELINT COLLECTION AND MONITORING SYSTEMS SUPPORT: This is a continuing program that will provide advanced technologies and capabilities to current Electronic Warfare (EW)/Electronic Intelligence (ELINT) System Programs of Record (POR). The program develops concepts of data/information exchange within the Global Information Grid (GIG). To comply with the intent of the GIG, this program addresses compression, transmission, decompression, re-compression and long-term storage of targeted data/information without degradation. This program will become an enabler for future capabilities such as remote operation of surface, subsurface, and air EW/ELINT open architecture PORs.

COMTENTHFLT MARITIME OPERATIONS CENTER (MOC): The Maritime Operations Center (MOC) visualization system provides the common operational picture (COP) in support of the Commander's mission requirements.

B. Program Change Summary (\$ in Millions)

	<u>FY 2012</u>	<u>FY 2013</u>	<u>FY 2014 Base</u>	<u>FY 2014 OCO</u>	<u>FY 2014 Total</u>
Previous President's Budget	2.764	2.795	2.835	-	2.835
Current President's Budget	1.198	2.795	0.497	-	0.497
Total Adjustments	-1.566	0.000	-2.338	-	-2.338
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-1.566	0.000			
• SBIR/STTR Transfer	-	-			
• Program Adjustments	0.000	0.000	-1.835	-	-1.835
• Rate/Misc Adjustments	0.000	0.000	-0.503	-	-0.503

Change Summary Explanation

Technical: Not applicable.

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APPROPRIATION/BUDGET ACTIVITY

1319: *Research, Development, Test & Evaluation, Navy*
BA 6: *RDT&E Management Support*

R-1 ITEM NOMENCLATURE

PE 0305885N: *Tactical Cryptologic Activities*

Schedule: Not applicable.

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Exhibit R-2A, RDT&E Project Justification: PB 2014 Navy **DATE:** April 2013

APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 6: <i>RDT&E Management Support</i>	R-1 ITEM NOMENCLATURE PE 0305885N: <i>Tactical Cryptologic Activities</i>	PROJECT 0037: <i>TACT COMBAT OPER SYS</i>
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COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
0037: <i>TACT COMBAT OPER SYS</i>	0.000	1.198	2.795	0.497	-	0.497	0.302	0.201	0.000	0.000	0.000	4.993
Quantity of RDT&E Articles	0	0	0	0		0	0	0	0	0		

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

A. Mission Description and Budget Item Justification

ELINT COLLECTION AND MONITORING SYSTEMS SUPPORT: Provides advanced technologies and capabilities to current Electronic Warfare (EW)/Electronic Intelligence (ELINT) System Programs of Record (POR) and develops concepts of data/information exchange within the Global Information Grid (GIG). To comply with the intent of the GIG, this program addresses compression, transmission, decompression, re-compression and long-term storage of targeted data/information without degradation. This program will become an enabler for future capabilities such as remote operation of surface, subsurface, and air EW/ELINT open architecture PORs.

COMTENTHFLT MARITIME OPERATIONS CENTER (MOC): The Maritime Operations Center (MOC) visualization system provides the common operational picture (COP) in support of the Commander's mission requirements.

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

	FY 2012	FY 2013	FY 2014
<p>Title: Elint Collection and Monitoring Systems</p> <p align="right">Articles:</p>	1.198 0	1.795 0	0.000
<p>Description: Development of antenna technology, communication, capabilities, operational concepts and software.</p> <p>FY 2012 Accomplishments: Spectral Warrior support during Bold Alligator 2012. Develop external antenna and EMI improvements to advanced portable ELINT collection systems produced by Naval Research Laboratories.</p> <p>FY 2013 Plans: Continuation of Spectral Warrior development and system support during major training events. Continue development of Surface Electronic Capability Augmentation package and Terminator Lite 2 advanced portable collection systems.</p>			
<p>Title: COMTENTHFLT Maritime Operations Center (MOC)</p> <p align="right">Articles:</p>	0.000	1.000 0	0.497 0
<p>Description: Development of MOC Visualization System.</p> <p>FY 2013 Plans:</p>			

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APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 6: <i>RDT&E Management Support</i>		R-1 ITEM NOMENCLATURE PE 0305885N: <i>Tactical Cryptologic Activities</i>		PROJECT 0037: <i>TACT COMBAT OPER SYS</i>
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)				
Continuation of the Maritime Operations Center (MOC) visualization system. This system will provide the Common Operational Picture (COP) in support of the Commander's mission requirements. The system design permits the connection of numerous data feeds at various security classification levels in order to project and adjust the COP as required on multiple output displays electronically.				
FY 2014 Plans: Continuation of the Maritime Operations Center (MOC) visualization system. This system will provide the Common Operational Picture (COP) in support of the Commander's mission requirements. The system design permits the connection of numerous data feeds at various security classification levels in order to project and adjust the COP as required on multiple output displays electronically.				
Accomplishments/Planned Programs Subtotals				
				1.198
				2.795
				0.497
C. Other Program Funding Summary (\$ in Millions)				
N/A				
Remarks				
D. Acquisition Strategy				
Not required.				
E. Performance Metrics				
ELINT: Provide advanced technologies and capabilities to current Electronic Warfare/Electronic Intelligence System Programs of Record (POR).				
MOC: Provide common operational picture (COP) in support of the Commander's mission requirements.				