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Exhibit R-2, RDT&E Budget Item Justification: PB 2013 Navy	DATE: February 2012
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APPROPRIATION/BUDGET ACTIVITY				R-1 ITEM NOMENCLATURE							
1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>				PE 0604272N: <i>Tact Air Dir Infrared CM (TADIRCM)</i>							
COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
Total Program Element	50.166	64.097	73.934	-	73.934	37.609	38.335	38.939	39.696	250.000	592.776
3302: <i>JATAS</i>	50.166	64.097	69.535	-	69.535	30.921	1.700	-	-	0.000	216.419
3304: <i>CIRCM</i>	-	-	4.399	-	4.399	6.688	36.635	38.939	39.696	250.000	376.357

A. Mission Description and Budget Item Justification

This element includes development of electronic warfare systems for the United States Navy and United States Marine Corps assault and strike aircraft. This includes the development and testing of advanced Infrared Countermeasures systems for emerging threats and emergency contingencies. Realignment of project units from Tactical Aircraft Directed Infrared Countermeasures to Joint and Allied Threat Awareness System began in FY 2011. Common Infrared Countermeasures is a new start for the Navy with efforts to begin in FY 2013.

B. Program Change Summary (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Previous President's Budget	51.693	64.107	61.930	-	61.930
Current President's Budget	50.166	64.097	73.934	-	73.934
Total Adjustments	-1.527	-0.010	12.004	-	12.004
• Congressional General Reductions	-	-0.010			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-1.264	-			
• Program Adjustments	-	-	11.993	-	11.993
• Rate/Misc Adjustments	-	-	0.011	-	0.011
• Congressional General Reductions	-0.263	-	-	-	-
Adjustments					

Change Summary Explanation

Schedule: The addition of Milestone B in 3rd quarter of FY2011 reflects the Milestone Decision Authority approval for Joint and Allied Threat Awareness System (JATAS) to proceed to the Engineering and Manufacturing Development (EMD) phase of the program. The shift of the EMD contract award from the 3rd quarter to 4th quarter of FY2011 reflects the movement of contract award from June to July 2011.

Technical: N/A

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Exhibit R-2A, RDT&E Project Justification: PB 2013 Navy								DATE: February 2012			
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 4: Advanced Component Development & Prototypes (ACD&P)				R-1 ITEM NOMENCLATURE PE 0604272N: Tact Air Dir Infrared CM (TADIRCM)				PROJECT 3302: JATAS			
COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
3302: JATAS	50.166	64.097	69.535	-	69.535	30.921	1.700	-	-	0.000	216.419
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
A. Mission Description and Budget Item Justification											
The Joint and Allied Threat Awareness System (JATAS) is required to provide assault aircraft with a reliable surface-to-air Infrared (IR) missile/Hostile Fire Indication (HFI) threat detection system. This capability must provide accurate and timely warning in all flight regimes, ambient light conditions, clutter backgrounds and weather conditions. It must be capable of providing countermeasure cueing to flares and/or a Directional Infrared Countermeasures (DIRCM). JATAS will enable assault Aircraft Survivability Equipment to detect and provide countermeasure cueing to current and emerging threats. Lead Department of the Navy platform for this capability is the MV-22. Project was previously funded by the Tactical Aircraft Directed Infrared Countermeasure (TADIRCM) project unit. JATAS has been designated an ACAT IC program.											
New PU 3302 JATAS began in FY 2011. Prior year efforts (FY 2008 - FY 2010) were funded via PU 3040 TADIRCM.											
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)								FY 2011	FY 2012	FY 2013	
Title: JATAS Technology Demonstration (TD) Articles: Description: Complete TD phase and program support for JATAS. Program will provide assault aircraft with a reliable surface-to-air IR missile/HFI threat detection system. FY 2011 Accomplishments: FY 2011 Base: Complete the execution of the JATAS TD phase efforts including down select to the Engineering & Manufacturing Development (EMD) vendor. Plan to conduct Preliminary Design Review, complete TD phase contract, and select vendor for the EMD contract.								26.106	-	-	
								0			
Title: JATAS EMD Articles: Description: Enter EMD phase and provide program support for EMD phase. FY 2011 Accomplishments: Execute an EMD contract award to begin development of JATAS and conduct an integrated baseline review. Tasks to be completed include Integrated Baseline Review. FY 2012 Plans:								18.300	50.122	57.422	
								0	0	0	

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APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 4: Advanced Component Development & Prototypes (ACD&P)				R-1 ITEM NOMENCLATURE PE 0604272N: Tact Air Dir Infrared CM (TADIRCM)				PROJECT 3302: JATAS				
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)									FY 2011	FY 2012	FY 2013	
Conduct Critical Design Review (CDR), Contractor Test Readiness Review (TRR), and begin delivery of Engineering Development Model units to support contractor test and development.												
FY 2013 Plans: Conduct Government TRR, Maintenance Demonstration, and Integrated Test & Evaluation (IT&E).												
Title: Joint and Allied Threat Awareness System (JATAS) Integration									5.760	13.975	12.113	
Articles:									0	0	0	
Description: Provide platform integration support and JATAS A-kit development.												
FY 2011 Accomplishments: Continuation of aircraft integration efforts with the JATAS lead platform and execute A-kit development contract.												
FY 2012 Plans: Conduct A-kit Preliminary Design Review and CDR.												
FY 2013 Plans: Complete development of A-kits to support IT&E.												
Accomplishments/Planned Programs Subtotals									50.166	64.097	69.535	
C. Other Program Funding Summary (\$ in Millions)												
Line Item		FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
• APN/057600: JATAS		0.000	0.000	0.000	0.000	0.000	17.611	17.587	19.581	109.616	1,009.742	1,174.137
D. Acquisition Strategy												
A JATAS Capabilities Development Document (CDD) was approved in a Joint Requirements Oversight Council Memorandum dated 18 February 2011. Per the CDD, the JATAS will be an advanced Missile Warning System (MWS) designed to replace the legacy AN/AAR-47(V) MWS and increase the survivability of Marine Corps and Navy tilt-rotor and rotary wing aircraft against infrared threats. Additionally, the system will provide aircrew with warnings of laser-enabled weapon systems such as range finders, illuminators, and beam riders. The JATAS will interface with existing AN/ALE-47 Countermeasures Dispensing System, existing AN/APR-39 Radar Warning Receiver, existing Department of the Navy Large Aircraft Infrared Countermeasure system, and other compatible Directed Infrared Countermeasures systems as part of an integrated electronic countermeasures response to attacking infrared missiles. Additionally, the JATAS will be upgradeable to provide Hostile Fire Indication (HFI) of small arms, rockets and other unguided threats and provide situational awareness in Visually Degraded Environments. Per the CDD, JATAS will be developed in two increments. Increment I (Phase I) includes the missile and laser warning capabilities and cueing of countermeasure systems. Increment I (Phase II) will add HFI capability against Type I and III threats during the Engineering and Manufacturing Development phase of this program. Increment II, when future technology advancements and funding permit, will develop HFI capability against Type II threats. The Joint and Allied Threat Awareness System (JATAS) Engineering												

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<p>and Manufacturing Development (EMD) phase will be executed via a fixed price incentive firm (FPIF) contract over an approximate 48-month period of performance, with one FPIF option for the low-rate initial production lot and firm-fixed price options for the first seven full-rate production lots. A JATAS Technology Development phase contract was awarded in FY2009 and the EMD contract was awarded in 4th Quarter FY2011. JATAS Initial Operational Capability is planned for FY2015.</p> <p><u>E. Performance Metrics</u></p> <p>JATAS EMD contract awarded in fourth quarter FY 2011.</p>		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2013 Navy											DATE: February 2012			
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 4: Advanced Component Development & Prototypes (ACD&P)				R-1 ITEM NOMENCLATURE PE 0604272N: Tact Air Dir Infrared CM (TADIRCM)				PROJECT 3302: JATAS						
Product Development (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total				
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract	
Primary Hdw Dev JATAS I	C/CPIF	ATK:Orlando, FL	8.209	-		-		-		-	0.000	8.209	8.209	
Primary Hdw Dev JATAS I	C/CPIF	LM:Woodland Hills, CA	6.130	-		-		-		-	0.000	6.130	6.130	
Primary Hdw Dev JATAS II	C/FPIF	ATK:Orlando, FL	18.300	37.990	Nov 2011	35.518	Nov 2012	-		35.518	7.508	99.316	99.316	
Aircraft Integration JATAS II	C/CPIF	Bell-Boeing:Fort Worth, TX	5.760	11.609	Jun 2012	12.141	Jun 2013	-		12.141	1.585	31.095	31.095	
Modeling/Simulation JATAS	WR	NAWCWD:Point Mugu, CA	0.355	-		0.071	Dec 2012	-		0.071	0.000	0.426		
Sys Eng Govt JATAS	WR	NAWCAD:Pax River, MD	2.224	2.644	Dec 2011	5.084	Dec 2012	-		5.084	3.138	13.090		
Sys Eng Govt JATAS	WR	FRC:Jacksonville, FL	0.093	0.270	Dec 2011	-		-		-	0.000	0.363		
Subtotal			41.071	52.513		52.814		-		52.814	12.231	158.629		
Support (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total				
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract	
Configuration Mgmt JATAS	WR	NAWCAD:Pax River, MD	-	0.200	Dec 2011	-		-		-	0.000	0.200		
Integrated Logistics JATAS I	WR	Various:Various	0.727	0.256	Dec 2011	0.628	Dec 2012	-		0.628	0.105	1.716		
Integrated Logistics JATAS II	C/CPFF	Wyle Labs:Huntsville, AL	0.473	0.355	Jun 2012	0.253	Jun 2013	-		0.253	0.000	1.081	1.081	
Sw Dev JATAS	WR	NAWCWD:Point Mugu, CA	0.490	0.553	Dec 2011	2.326	Dec 2012	-		2.326	1.545	4.914		
Subtotal			1.690	1.364		3.207		-		3.207	1.650	7.911		
Test and Evaluation (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total				
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract	
Developmental T&E JATAS	WR	Various:Various	-	2.169	Dec 2011	9.162	Dec 2012	-		9.162	3.804	15.135		

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Test and Evaluation (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Operational T&E JATAS	WR	COTF:Norfolk, VA	0.200	0.256	Jan 2012	0.310	Jan 2013	-		0.310	11.088	11.854	
ENG & Eval JATAS	C/CPFF	TBD:TBD	-	0.367	Dec 2011	0.127	Dec 2012	-		0.127	0.406	0.900	0.900
ENG & Eval Govt JATAS	WR	Various:Various	1.534	0.893	Jan 2012	0.310	Jan 2013	-		0.310	1.056	3.793	
Test Assets JATAS	WR	NAWCWD:China Lake, CA	-	2.374	Jan 2012	-		-		-	0.000	2.374	
Subtotal			1.734	6.059		9.909		-		9.909	16.354	34.056	
Management Services (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Contractor Eng Supt JATAS	C/CPFF	Various:Various	1.210	0.331	Dec 2011	0.269	Dec 2012	-		0.269	0.864	2.674	2.674
Govt Eng Supt JATAS	WR	NAWCWD:Point Mugu, CA	2.006	1.842	Dec 2011	2.754	Dec 2012	-		2.754	1.446	8.048	
Program Mgmt Supt JATAS	C/CPFF	Various:Various	1.200	0.880	Dec 2011	-		-		-	0.000	2.080	2.080
Travel JATAS	WR	NAVAIR:Various	0.150	0.150	Dec 2011	0.150	Dec 2012	-		0.150	0.000	0.450	
Direct Support Costs JATAS	WR	Various:Various	0.016	-		-		-		-	0.000	0.016	
Cost Analysis Supt JATAS	WR	NAWCAD:Pax River, MD	0.895	0.830	Dec 2011	0.432	Dec 2012	-		0.432	0.076	2.233	
NAWCAD Pax Supt JATAS	WR	NAWCAD:Pax River, MD	0.194	0.128	Dec 2011	-		-		-	0.000	0.322	
Subtotal			5.671	4.161		3.605		-		3.605	2.386	15.823	
			Total Prior Years Cost	FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			50.166	64.097		69.535		-		69.535	32.621	216.419	
Remarks													

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Exhibit R-4, RDT&E Schedule Profile: PB 2013 Navy		DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>	R-1 ITEM NOMENCLATURE PE 0604272N: <i>Tact Air Dir Infrared CM (TADIRCM)</i>	PROJECT 3302: JATAS

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Exhibit R-4A, RDT&E Schedule Details: PB 2013 Navy			DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>	R-1 ITEM NOMENCLATURE PE 0604272N: <i>Tact Air Dir Infrared CM</i> (TADIRCM)	PROJECT 3302: JATAS	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
JATAS				
Acquisition Milestones: Milestones: Milestone B	3	2011	3	2011
Acquisition Milestones: Milestones: Capabilities Production Document (CPD)	3	2013	3	2013
Acquisition Milestones: Milestones: Milestone C	1	2014	1	2014
Acquisition Milestones: Milestones: Beyond Low-Rate Initial Production Report (BLRIP)	1	2015	1	2015
Acquisition Milestones: Milestones: Joint Allied Threat Awareness System (JATAS) Initial Operational Capability (IOC)	3	2015	3	2015
Systems Development: Technology Readiness Assessment for Milestone C (TRA MC)	3	2013	4	2013
Systems Development: Functional Configuration Audit (FCA)	4	2013	4	2013
Systems Development: Physical Configuration Audit (PCA)	1	2015	1	2015
Systems Development: Reviews: Integrated Baseline Review 2 IBR	1	2012	1	2012
Systems Development: Reviews: Preliminary Design Review (PDR) - A-kit	1	2012	1	2012
Systems Development: Reviews: Critical Design Review (CDR)	2	2012	2	2012
Systems Development: Reviews: Critical Design Review (CDR) - A-kit	3	2012	3	2012
Systems Development: Reviews: Test Readiness Review - Contractor (TRR Cont)	3	2012	3	2012
Systems Development: Reviews: Test Readiness Review - Government (TRR Govt)	1	2013	1	2013
Systems Development: Reviews: Flight Readiness Review (FRR)	1	2013	1	2013
Systems Development: Reviews: Production Readiness Review (PRR)	4	2013	4	2013
Systems Development: Reviews: Operational Test Readiness Review (OTRR)	2	2014	2	2014
Test & Evaluation: Contractor Test and Evaluation (CT+E)	3	2012	2	2013
Test & Evaluation: OT Report 1 (OT)	1	2014	1	2014
Test & Evaluation: Independent Operational Test and Evaluation (IOT&E)	3	2014	3	2014

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Exhibit R-4A, RDT&E Schedule Details: PB 2013 Navy	DATE: February 2012
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APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>	R-1 ITEM NOMENCLATURE PE 0604272N: <i>Tact Air Dir Infrared CM (TADIRCM)</i>	PROJECT 3302: <i>JATAS</i>
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Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Test & Evaluation: OT Report 2 (OT)	1	2015	1	2015
Test & Evaluation: Technical Evaluation: Initial Test and Evaluation (IT&E)	1	2013	2	2014
Test & Evaluation: Operational Evaluation: Operational Assessment (OA)	4	2013	4	2013
Production Milestones: Contract Awards: Engineering & Manufacturing Development Award (EMD)	4	2011	4	2011
Production Milestones: Contract Awards: Low-Rate Initial Production (LRIP) I (APN)	1	2014	1	2014
Production Milestones: Contract Awards: Full Rate Production (FRP) I Award	2	2015	2	2015
Production Milestones: Contract Awards: Full Rate Production (FRP) 2 Award	2	2016	2	2016
Deliveries: Engineering Development Model (EDM) Deliveries (2)	3	2012	3	2012
Deliveries: Engineering Development Model (EDM) Deliveries (9)	4	2012	1	2013
Deliveries: Engineering Development Model (EDM) Deliveries (3)	1	2014	1	2014
Deliveries: Low-Rate Initial Production Deliveries	1	2015	2	2016
Deliveries: Full Rate Production (FRP) I Deliveries	2	2016	2	2017

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APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 4: Advanced Component Development & Prototypes (ACD&P)				R-1 ITEM NOMENCLATURE PE 0604272N: Tact Air Dir Infrared CM (TADIRCM)				PROJECT 3304: CIRCM			
COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
3304: CIRCM	-	-	4.399	-	4.399	6.688	36.635	38.939	39.696	250.000	376.357
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
A. Mission Description and Budget Item Justification											
Common Infrared Countermeasures (CIRCM) is a new start for the Navy with efforts to begin in FY 2013. This project includes the development, integration, and testing of a laser-based directed infrared countermeasure system for United States Navy and United States Marine Corps assault aircraft. This infrared countermeasure, when integrated with a missile warning detection system, will be capable of countering current and emerging IR threats. An USD(AT&L) Acquisition Decision Memorandum dated 15 April 09 designated the Army as the lead service for developing this capability for all rotary-wing, tilt-rotor, and small fixed-wing aircraft across the Department of Defense. It also designated the program as an ACAT 1D Special Interest program. The Army has designated the acquisition effort for this capability as the CIRCM program.											
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)								FY 2011	FY 2012	FY 2013	
Title: CIRCM Technology Development FY 2013 Plans: Support Technology Development (TD) phase and program support for CIRCM.								-	-	4.399	0
								Articles:			
Accomplishments/Planned Programs Subtotals								-	-	4.399	
C. Other Program Funding Summary (\$ in Millions)											
N/A											
D. Acquisition Strategy											
CIRCM is a new start for the Navy with efforts to begin in FY 2013. CIRCM is an ACAT-ID Army lead acquisition program for the development, integration and production of an Infra-red Countermeasure for US Army, US Navy, and US Marine Corps assault aircraft. The Army will conduct a 21 month competitive prototyping TD phase with at least one contractor. During this time contractor(s) will deliver twelve prototypes for various test events with emphasis placed on reliability. Contractor(s) will concurrently develop preliminary designs for the CIRCM system, conducting Systems Requirements Review (SRR), System Functional Review, and Preliminary Design Review Systems Engineering Technical Review events at appropriate times in the schedule. Upon completion of TD, the Army will conduct a competition for award of Engineering Manufacturing Development (EMD) contract(s). The EMD phase will be no more than 26 months and will include Critical Design Reviews, Test Readiness Reviews, EMD test assets and extensive testing. Following EMD will be a yet to be defined Low Rate Initial Production phase where full qualification testing is conducted to support a First Unit Equipped date of FY 2018. Navy platforms will begin installation of CIRCM beginning in FY 2016.											

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E. Performance Metrics FY 2013: Successful demonstration of Common Infrared Countermeasures-Joint and Allied Threat Awareness System (CIRCM-JATAS) Initial Capabilities Document Interoperability in Lab environment Successful award of Engineering and Manufacturing Development (EMD) contract(s) FY 2014: Successful Critical Design Reviews and Technical Readiness Reviews		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2013 Navy										DATE: February 2012			
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 4: Advanced Component Development & Prototypes (ACD&P)				R-1 ITEM NOMENCLATURE PE 0604272N: Tact Air Dir Infrared CM (TADIRCM)				PROJECT 3304: CIRCM					
Product Development (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Sys Eng Govt CIRCM	WR	NAWCAD:Pax River, MD	-	-		2.225	Dec 2012	-		2.225	Continuing	Continuing	Continuing
Subtotal			-	-		2.225		-		2.225			
Support (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Integrated Logistics CIRCM I	WR	Various:Various	-	-		0.310	Dec 2012	-		0.310	Continuing	Continuing	Continuing
Integrated Logistics CIRCM II	C/CPFF	Wyle Labs:Huntsville, AL	-	-		0.126	Jun 2013	-		0.126	0.126	0.252	0.252
SW Dev CIRCM	WR	NAWCWD:Point Mugu, CA	-	-		0.118	Dec 2012	-		0.118	Continuing	Continuing	Continuing
Subtotal			-	-		0.554		-		0.554			
Test and Evaluation (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Eng & Eval CIRCM	C/CPFF	TBD:TBD	-	-		0.206	Dec 2012	-		0.206	0.208	0.414	0.414
Eng & Eval Govt CIRCM	WR	Various:Various	-	-		0.641	Jan 2013	-		0.641	Continuing	Continuing	Continuing
Subtotal			-	-		0.847		-		0.847			
Management Services (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Contractor Eng Supt CIRCM	C/CPFF	Various:Various	-	-		0.329	Dec 2012	-		0.329	0.352	0.681	0.681
Govt Eng Supt CIRCM	WR	NAWCWD:Point Mugu, CA	-	-		0.118	Dec 2012	-		0.118	Continuing	Continuing	Continuing

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Management Services (\$ in Millions)				FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Travel CIRCM	WR	NAVAIR:Various	-	-		0.100	Dec 2012	-		0.100	Continuing	Continuing	Continuing
Cost Analysis Supt CIRCM	WR	NAWCAD:Pax River, MD	-	-		0.226	Dec 2012	-		0.226	Continuing	Continuing	Continuing
Subtotal			-	-		0.773		-		0.773			

	Total Prior Years Cost	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	-	-	4.399	-	4.399			

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2013 Navy		DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>	R-1 ITEM NOMENCLATURE PE 0604272N: <i>Tact Air Dir Infrared CM</i> (TADIRCM)	PROJECT 3304: <i>CIRCM</i>

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Exhibit R-4A, RDT&E Schedule Details: PB 2013 Navy			DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>	R-1 ITEM NOMENCLATURE PE 0604272N: <i>Tact Air Dir Infrared CM</i> (TADIRCM)	PROJECT 3304: <i>CIRCM</i>	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
CIRCM				
Acquisition Milestones: Milestones: Milestone B	3	2013	3	2013
Acquisition Milestones: Milestones: Milestone C	3	2015	3	2015