### **CLASSIFICATION:**

EXHIBIT R-2, RDT&E Budget Item Justifi	cation						DATE:	
							FEBRUA	RY 2005
APPROPRIATION/BUDGET ACTIVITY					R-1 ITEM NOMEN	CLATURE		
RESEARCH DEVELOPMENT TEST & EVALUA	TION, NAVY /	BA-4			0603755N/SHIP S	ELF DEFENSE		
COST (\$ in Millions)	COST (\$ in Millions)							
Total PE Cost	13.451	9.402	9.592	10.934	11.153	11.313	11.601	11.82
2133/QRCC/RAWG	4.256	3.584	3.542	3.526	3.590	3.607	3.732	3.79
2184 Force AAW Coord. Tech. (FACT)	9.195	5.818	6.050	7.408	7.563	7.706	7.869	8.03

### A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:

This program incorporates efforts dedicated to the enhancement of ship self defense against Anti-Air Warfare (AAW) threats. Its primary focus is on the development of technologies, systems, and procedures necessary to defeat the evolving Anti-Ship Cruise Missile (ASCM) threat. These projects focus on ship defense improvements through the development of advanced concepts and capabilities that will enhance both defense in depth of ships in a force and self defense of individual ships in a littoral war-fighting environment.

Quick Reaction Combat Capability (QRCC), Project 2133, provides advanced concepts and technology developments for the multi-sensor integration of ship detection equipment, integration and coordination of ship self defense weapons, and coordination of hardkill and softkill assets to improve individual ship self defense capabilities against the ASCM threat. The Requirements and Analysis Working Group (RAWG) provides independent analysis for a variety of combat system trade-offs, ship class performance studies, and force protection strategic plan development.

Force Anti-Air Warfare Coordination Technology (FACT), Project 2184, demonstrates AAW concepts and capabilities that will enhance the AAW warfighting ability of ships and aircraft and enable the coupling of the Force into a single, distributed AAW weapon system through more effective use of tactical data, and force sensors and weapons.

#### CLASSIFICATION:

EXHIBIT R-2, RDT&E Budget Item	Justification						DATE:		
							FEBRUA	RY 2005	
APPROPRIATION/BUDGET ACTIVITY									
RDT&E, N / BA-4	&E, N / BA-4 0603755N/SHIP SELF DEFENSE 2133/Quick Reaction Combat Capability								
COST (\$ in Millions)	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	
Project Cost	4.256	3.584	3.542	3.526	3.590	3.607	3.732	3.79	
RDT&E Articles Qty									

### A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:

Quick Reaction Combat Capability (QRCC) provides advanced concepts and technology developments for the multi-sensor integration of ship detection equipment, integration and coordination of ship self defense weapons, and coordination of hardkill and softkill assets to improve individual ship self defense capabilities against the Anti-Ship Cruise Missile (ASCM) threat. The funding for the Self Defense Test Ship is for the dry-docking and overhaul of the Self Defense Test Ship to extend the service life for another 4 years. The Requirements and Analysis Working Group (RAWG) provides independent analysis for a variety of combat system trade-offs, ship class performance studies, and force protection strategic plan development.

### CLASSIFICATION:

EXHIBIT R-2, RDT&E Budget Item Ju	DATE:		
			FEBRUARY 2005
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER AND NAME	PROJECT NUMBER AND N	IAME
RDT&E, N / BA-4	0603755N/SHIP SELF DEFENSE	2133/Quick Reaction Comba	at Capability/Requirements and Analysis Working Grp

### **B. Accomplishments/Planned Program**

	FY 04	FY 05	FY 06	FY 07
Accomplishments/Effort/Subtotal Cost	4.256	0.000	0.000	0.000
RDT&E Articles Quantity				

RAWG will assume leadership and management of the Common Anti Ship Cruise Missile (ASCM) Threat Characterization process for PEO Integrated Warfare Systems (IWS). The RAWG will provide support and analyze threats and their impact on the various ship combat systems.

	FY 04	FY 05	FY 06	FY 07
Accomplishments/Effort/Subtotal Cost	0.000	3.584	0.000	0.000
RDT&E Articles Quantity				

The RAWG will provide analysis for a variety of combat systems trade-offs and force protection strategic development.

	FY 04	FY 05	FY 06	FY 07
Accomplishments/Effort/Subtotal Cost	0.000	0.000	3.542	0.000
RDT&E Articles Quantity				

The RAWG will analyze Ship Self Defense Probability of Raid Annihilation (PRA) capabilities. Analysis will include baseline PRA requirements, excursions based on raid size, environment, and other operational considerations.

### **CLASSIFICATION:**

	tification			DATE: <b>FEBRUAR</b>	V 2005		
PROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUM	BER AND NAME	PROJECT NUMBER AND NA		1 2003		
T&E, N / BA-4	0603755N/SHIP SELF DEFE		2133/Quick Reaction Combat Capability/Requirements and Analysis Working G				
Accomplishments/Planned Program			•				
	FY 04	FY 05	FY 06	FY 07			
Accomplishments/Effort/Subtotal Cost	0.000	0.000	0.000	3.526			
RDT&E Articles Quantity	0.000	0.000	0.000	0.020			
The Requirements and Analysis Working Group	o (RAWG) will continue leadership a	and management of the	Common ASCM Threat Character	zation process for PEO IWS.			
Accomplishments/Effort/Subtotal Cost	FY 04 0.000	FY 05 0.000	FY 06 0.000	FY 07 0.000			
RDT&E Articles Quantity	0.000	0.000	0.000	0.000			
Accomplishments/Effort/Subtotal Cost	FY 04 0.000	FY 05 0.000	FY 06 0.000	FY 07 0.000			

### **CLASSIFICATION:**

EXHIBIT R-2, RDT&E B	daget item dasilication					DATE: FEBRUARY 2005
PROPRIATION/BUDGET ACTIVIT	Y PROGRAM E	LEMENT NUMBER	AND NAME	P	ROJECT NUMBE	
DT&E, N / BA-4	0603755N/SH	IP SELF DEFENSE		2	133 Quick Reacti	tion Combat Capability/Requirements and Analysis Working Grou
C. PROGRAM CHANGE SUMM	ARY:					
Funding:		FY 2004	FY 2005	FY 2006	FY 2007	
	t: (FY 05 Pres Baseline Controls)	4.315	3.619	3.580	3.545	
Current BES/President's Bu	idget: (FY06/07 Pres Controls)	4.256	3.584	3.542	3.526	
Total Adjustments		-0.059	-0.035	-0.038	-0.019	
Summary of Adjustmen	ts					
	ther Adjustments			-0.038	-0.019	
Undistributed Co	ngressional Reductions	-0.048	-0.035			
Cancelled Accou	ınt	-0.011				
Subtotal		-0.059	-0.035	-0.038	-0.019	
Schedule:						
N/A						
Technical:						
N/A						

### **CLASSIFICATION:**

EXHIBIT R-2,	RDT&E Budget Item Just	tification	DATE:					
			FEBRUARY 2005					
PROPRIATION/BUDG	ET ACTIVITY	PROGRAM ELEMENT NUMBER AND NAME	PROJECT NUMBER AND NAME					
DT&E, N /	BA-4	0603755N/SHIP SELF DEFENSE	2133 Quick Reaction Combat Capability/Requirements and Analysis Working Group					
D. OTHER PROG	RAM FUNDING SUMMARY: 1	NN/A						
E. ACQUISITION ST	RATEGY: N/A							
F. MAJOR PERFOR	MERS:							
Dahlgren/ N	SWCDD - Responsible for o	overall combat systems performance analysis for Navy ship cl	lasses.					
_	•							

### CLASSIFICATION:

		EXHIBIT R-2, RD	T&E Budget Ite	m Justificati	on			DATE:						
Exhibit R-3 Cost Analysis (pa	ae 1)	_, _, , _, , , _, , , _,									FEBRUAI	RY 2005		
APPROPRIATION/BUDGET ACTIV	ITY	PROGRA	M ELEMENT			PROJECT NU	IMBER AND I	NAME						
RDT&E, N / BA-4		0603755N	I/SHIP SELF DEFE	NSE		2133 Quick R	33 Quick Reaction Combat Capability/Requirements and Analysis World				king Group			
Cost Categories	Contract	Performing	Total		FY 04		FY 05		FY 06		FY 07			
	Method	Activity &	PY s	FY 04	Award		Award	FY 06	Award	FY 07	Award	Cost to	Total	Target Value
	& Type	Location	Cost	Cost	Date	Cost	Date	Cost	Date	Cost	Date	Complete	Cost	of Contract
Primary Hardware Development													0.000	
Ancillary Hardware Development													0.000	
Component Development													0.000	
Ship Integration													0.000	
Ship Suitability													0.000	)
Systems Engineering	WX	Dahlgren, NSWC DD	6.875	4.256	10/03	3.584	10/04	3.542	10/05	3.526	10/06	Continuing		
Training Development													0.000	)
Licenses													0.000	)
Tooling													0.000	)
GFE													0.000	)
Award Fees													0.000	)
Subtotal Product Development			6.875	4.256	3	3.584		3.542	2	3.526	1	Continuing	Continuing	3
Development Support													0.000	)
Software Development													0.000	)
Training Development													0.000	)
Integrated Logistics Support													0.000	)
Configuration Management													0.000	)
Technical Data													0.000	)
GFE													0.000	)
Award Fees													0.000	)
Subtotal Support			0.000	0.000	)	0.000		0.000	)	0.000		0.000	0.000	)
Remarks:														
<u> </u>			R-1 SHOP	PRING LIST	- Item No 7	'n								

### CLASSIFICATION:

		EXHIBIT R-2, RDT	OF Dudget I	tom luntifica	4:			DATE						
Exhibit R-3 Cost Analysis (page	ge 2)	EXHIBIT R-2, RDT	&E Budget II	iem Justilica	llion			DATE:			FEBRUA	RY 2005		
APPROPRIATION/BUDGET ACTIV	ITY	PROGRA	M ELEMENT			PROJECT N	UMBER AND	NAME						
RDT&E, N / BA-4		0603755N	V/SHIP SELF D	EFENSE		2133 Quick F	Reaction Comb	oat Capability/Re	equirements	and Analysis Wor	king Group			
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 04 Cost	FY 04 Award Date	FY 05 Cost	FY 05 Award Date	FY 06 Cost	FY 06 Award Date	FY 07 Cost	FY 07 Award Date	Cost to Complete	Total Cost	Target Value of Contract
Developmental Test & Evaluation	WR	Dahlgren NSWC DD	9.725		Date	0001	Date	0001	Date	Cost	Duic	Complete	9.725	
Live Fire Test & Evaluation		Danigion Novo DD	0.720										0.000	
Test Assets													0.000	,
Tooling													0.000	,
GFE													0.000	,
Award Fees													0.000	,
Subtotal T&E			9.725	0.000	)	0.00	0	0.000	)	0.000	)	0.000	9.725	,
Contractor Engineering Support Government Engineering Support Program Management Support													0.000 0.000 0.000	)
Travel													0.000	,
Labor (Research Personnel)													0.000	,
SBIR Assessment													0.000	,
Subtotal Management			0.000	0.000	)	0.00	0	0.000	)	0.000	)	0.000	0.000	,
Remarks:														
Total Cost			16.600	4.256	6	3.58	4	3.542	2	3.526	6	Continuing	31.508	
Remarks:														

#### CLASSIFICATION:

EXHIBIT R-2, RDT&E Budget Item J	ustification						DATE:		
							FEBRUARY 2005		
APPROPRIATION/BUDGET ACTIVITY									
RDT&E, N / BA-4	ology								
COST (\$ in Millions)	FY 2004 FY 2005 FY 2006 FY 2007 FY 2008					FY 2009	FY 2010	FY 2011	
Project Cost	et Cost 9.195 5.818 6.050 7.408 7.563 7.706 7.80							8.032	
RDT&E Articles Qty	n/a	n/a							

#### A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:

The Force Anti-Air Warfare Technology (FACT) Program is an advanced development effort designed to demonstrate Force Anti-Air Warfare (AAW) concepts and capabilities that will significantly improve our Force defense in depth, including both local area and self defense capabilities against current and future AAW threats. FACT improvements are designed to enhance the AAW warfighting ability of ships and aircraft and to enable coupling of the Force into a single, distributed AAW weapon system and towards more effective use of tactical data and the cooperative use of all the force sensors and weapons. These capabilities will provide the ship defense flexibility needed to meet the threat brought about by increasing numbers of highly sophisticated weapons held by potentially hostile Third World countries. FACT defines requirements and develops prototype systems or modifications to existing systems to test new concepts for the coordination of Force AAW operations. FACT is a model Sea Enterprise effort that consistently delivers advanced war-fighting capability that addresses current Fleet shortfalls and needs quickly and cost effectively. Some examples of prototype systems now in production are AN/SPS-48C Detection Data Converter, AN/SPS-48E Environmental Control Feature, Shipboard Gridlock System Automatic Correlation (SGS/AC) and Dial-a-Track Quality (Link-11 Quality Selection). Other FACT developments nearing production stages are the Automatic Identification System (Auto-ID) and the Multi-Frequency Link-11 capability; Dual Net Multi-Frequency Link-11 (DNMFL); Force Threat Evaluation Weapons Assignment (FTEWA); and the prototype Area Air Defense Commander (AADC) capability. Short and long term objectives will be phased in to produce higher degrees of ship defense and battle coordination and effectiveness.

#### **CLASSIFICATION:**

EXHIBIT R-2, RDT&E Budget Item Justific	ation		DATE:
			FEBRUARY 2005
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER AND NAME	PROJECT NUMBER AND N	IAME
RDT&E, N / BA-4	0603755N/SHIP SELF DEFENSE	K2184 Force AAW Coordina	ition Technology

## B. Accomplishments/Planned Program

	FY04	FY05	FY06	FY07
Accomplishments/Effort/Subtotal Cost	8.586	5.333	5.582	6.940
RDT&E Articles Quantity				

On going development of Joint Targeting Attack & Assessment Capability (JTAAC)/demonstrations at sea and ashore, and support Navy's transition of JTAAC to a production program.

	FY04	FY05	FY06	FY07
Accomplishments/Effort/Subtotal Cost	0.454	0.335	0.318	0.318
RDT&E Articles Quantity				

Support land based and at sea experiments of Advanced Command and Control Systems, conduct analysis to evaluate air defense concepts and capabilities including Multi-TADIL operations and air defense operations.

	FY04	FY05	FY06	FY07
Accomplishments/Effort/Subtotal Cost	0.150	0.150	0.150	0.150
RDT&E Articles Quantity				

Provide top level programmatic support, technical analysis and assist in the development processes, procedures and documentation that impact the execution of the FACT program requirements.

### CLASSIFICATION:

APPROPRIATION/BUDGET ACTIVITY   PROGRAM ELEMENT NUMBER AND NAME   PROJECT NUMBER AND NAME   RDT&E, N / BA-4   0603755N/SHIP SELF DEFENSE   K2184 Force AAW Coordination Technology    C. PROGRAM CHANGE SUMMARY:  Funding:	EXHIBIT R-2, RDT&E Budget Item	Justification					DATE:
RDT&E, N							
C. PROGRAM CHANGE SUMMARY:  Funding:					ĺ		
Funding: Previous President's Budget: (FY 05 Pres Controls) Current President's Budget: (FY 06 Pres Controls) Surget (FY 06 Pres Con	RDT&E, N / BA-4	0603755N/SHIP SE	LF DEFENSE		K	2184 Force <i>P</i>	AAW Coordination Technology
Previous President's Budget: (FY 06 Pres Controls)	C. PROGRAM CHANGE SUMMARY:						
Previous President's Budget: (FY 06 Pres Controls)	Funding:		FY 2004	FY 2005	FY 2006	FY 2007	
Summary of Adjustments   Summary of Adjustment   Summary of Adjus	Previous President's Budget: (FY 05 Pre	s Controls)	5.418			7.329	
Summary of Adjustments Undistributed Congressional Reductions FY04 SBIR (9 Apr 04) Execution Realignment Cancelled Accounts Liabilities Programmatic/Other Adjustments  Subtotal  Schedule: Not Applicable.  Technical:			9.195	5.818	6.050	7.408	
Undistributed Congressional Reductions	Total Adjustments		3.777	-0.056	0.035	0.079	
Undistributed Congressional Reductions	Summary of Adjustments						
FY04 SBIR (9 Apr 04) Execution Realignment Cancelled Accounts Liabilities Programmatic/Other Adjustments  Subtotal  Subtotal  Schedule: Not Applicable.  Technical:		eductions	-0.060	-0.056			
Execution Realignment							
Cancelled Accounts Liabilities							
Subtotal 3.777 -0.056 0.035 0.079  Schedule: Not Applicable.  Technical:			-0.014				
Schedule: Not Applicable.  Technical:	Programmatic/Other Adjustmen	ts			0.035	0.079	
Schedule: Not Applicable.  Technical:							
Schedule: Not Applicable.  Technical:							
Not Applicable.  Technical:	Subtotal		3.777	-0.056	0.035	0.079	
Not Applicable.  Technical:							
Technical:	Schedule:						
	Not Applicable.						
Not Applicable.	Technical:						
Tot / ppirodoio.	Not Applicable						
	Troc replicable.						

### CLASSIFICATION:

EXHIBIT R-2, RI	DT&E Budget Item Justification			DATE:
				FEBRUARY 2005
APPROPRIATION/BUDGET		PROGRAM ELEMENT NUMBER AND NAME	PROJECT NUMBER AND NA	AME
RDT&E, N /	BA-4	0603755N/SHIP SELF DEFENSE	K2184 Force AAW Coordinat	ion Technology
D. OTHER PROGRA	M FUNDING SUMMARY: Not Applicab	le		
E. ACQUISITION STRA	TEGY: Not Applicable			
F. MAJOR PERFORME	RS: APL/Laurel, MD			

### CLASSIFICATION:

ige 1) /ITY	EXHIBIT R-2, RDT&	3													
/ITY	PD065	st Analysis (page 1)							DATE: FEBRUARY 2005						
APPROPRIATION/BUDGET ACTIVITY         PROGRAM ELEMENT           RDT&E, N /         BA-4           0603755N/SHIP SELF DEFENSE						PROJECT NUMBER AND NAME									
	0603755N/SH	IIP SELF DEFE	NSE		K2184 Force	AAW Coordina	ation Technolog	y							
Contract	Performing	Total		FY 04		FY 05		FY 06		FY 07					
												Total	Target Value		
													of Contract		
CPFF			8.480	11/03	5.333	11/04	5.582	11/05	6.940	11/06	CONT				
		0.150							1			0.150	D		
	SPAWAR NORFOLK											0.417	7		
	PUGET SOUND BOSTON	0.029										0.029	9		
GSA	GRCI	0.204										0.204	1		
	Unknown	0.187										0.187	7		
	Unknown	0.961										0.961	1		
												0.000	)		
												0.000	D		
												0.000	D		
												0.000	)		
		82 626	8 480	)	5 333		5 582		6 940		CONT	CONT	г		
												0.000	)		
												0.000	D		
	NSWC/PHD	0.175										0.175	5		
	NSLC Mech, PA	0.005										0.005	5		
GSA	AMERIND	0.111										0.111	1		
	NSWC/DD/ Dahlgren, VA	0.150										0.150	D		
												0.000	)		
												0.000	)		
		0.441	0.000		0.000		0.000		0.000		0.000	0.441	1		
	Method & Type CPFF GSA	Method & Type Location  CPFF APL/Laurel, MD  SPAWAR, S.D.  SPAWAR NORFOLK  PUGET SOUND BOSTON  GSA GRCI  Unknown  Unknown  NSWC/PHD  NSLC Mech, PA	Method & Type         Activity & Location         PY s Cost           CPFF         APL/Laurel, MD         80.678           SPAWAR, S.D.         0.150           SPAWAR NORFOLK         0.417           PUGET SOUND BOSTON         0.029           GSA         GRCI         0.204           Unknown         0.187           Unknown         0.961           SEASE         82.626           NSWC/PHD         0.175           NSLC Mech, PA         0.005           GSA         AMERIND         0.111           NSWC/DD/ Dahlgren, VA         0.150	Method & Type         Activity & Location         PY s Cost         FY 04 Cost           CPFF         APL/Laurel, MD         80.678         8.480           SPAWAR, S.D.         0.150           SPAWAR NORFOLK         0.417           PUGET SOUND BOSTON         0.029           GSA         GRCI         0.204           Unknown         0.187           Unknown         0.961           82.626         8.480           NSWC/PHD         0.175           NSLC Mech, PA         0.005           GSA         AMERIND         0.111           NSWC/DD/ Dahlgren, VA         0.150	Method & Type         Activity & Location         PY s Cost         FY 04 Cost         Award Date           CPFF         APL/Laurel, MD         80.678         8.480         11/03           SPAWAR, S.D.         0.150         0.150         0.150           SPAWAR NORFOLK         0.417         0.204         0.204           PUGET SOUND BOSTON         0.029         0.204         0.187           Unknown         0.187         0.961         0.961           Unknown         0.961         0.961         0.961           82.626         8.480         8.480         0.961           NSWC/PHD         0.175         0.175         0.005           NSLC Mech, PA         0.005         0.005           GSA         AMERIND         0.111         0.150	Method & Type         Activity & Location         PY s Cost         FY 04 Cost         Award Date         FY 05 Cost           CPFF         APL/Laurel, MD         80.678         8.480         11/03         5.333           SPAWAR, S.D.         0.150               SPAWAR NORFOLK         0.417 <td< td=""><td>Method &amp; Type         Activity &amp; Cost         PY s Cost         FY 04 Date         Award Date         FY 05 Date         Award Date           CPFF         APL/Laurel, MD         80.678         8.480         11/03         5.333         11/04           SPAWAR, S.D.         0.150        </td><td>Method &amp; Type         Activity &amp; Cost         PY s Cost         FY 04 Date         Award Date         FY 05 Date         Award Cost         FY 06 Date         Cost         Cost</td><td>Method &amp; Type         Activity &amp; Cost         PY s Cost         FV 04 Date         Award Cost         FV 05 Date         Award Date         FV 06 Date         Award Date           CPFF         APL/Laurel, MD         80.678         8.480         11/03         5.333         11/04         5.582         11/05           SPAWAR, S.D.         0.150        </td><td>Method &amp; Type         Activity &amp; Cost         PY s Cost         EV 04 Date         Award Cost         Award Date         EV 06 Date         Award Cost         Date Cost         Award Date         EV 06 Date         Award Cost         Date Cost         Award Date         EV 07 Date         Cost         Date Cost         Award Cost         Date Cost</td><td>Method Activity &amp; Type Location         PY s Cost         FY 04 Date         Award Cost         Date Cost         Date Cost         Date Date Cost         Date Date Date Date Date Cost         Date Date Date Date Date Date Date Date</td><td>Method Astrivity &amp; Type         Cost         Cost         Date         Cost         Date Cost         Date Cost         Date Cost         Date Cost         Date Cost         Date Cost         Date Cost         Date Cost         Date Cost         Date Cost         Date Cost         Date Cost         Date Cost         Date Complete           CPFF         APULaurel, MD         80.678         8.480         11/03         5.333         11/04         5.582         11/05         6.940         11/06         CONT           SPAWAR NORFOLK         0.417         4</td><td>  Method Activity &amp; PY s FY 04   Award FY 05   Award FY 06   Date   Cost   Date   Date</td></td<>	Method & Type         Activity & Cost         PY s Cost         FY 04 Date         Award Date         FY 05 Date         Award Date           CPFF         APL/Laurel, MD         80.678         8.480         11/03         5.333         11/04           SPAWAR, S.D.         0.150	Method & Type         Activity & Cost         PY s Cost         FY 04 Date         Award Date         FY 05 Date         Award Cost         FY 06 Date         Cost         Cost	Method & Type         Activity & Cost         PY s Cost         FV 04 Date         Award Cost         FV 05 Date         Award Date         FV 06 Date         Award Date           CPFF         APL/Laurel, MD         80.678         8.480         11/03         5.333         11/04         5.582         11/05           SPAWAR, S.D.         0.150	Method & Type         Activity & Cost         PY s Cost         EV 04 Date         Award Cost         Award Date         EV 06 Date         Award Cost         Date Cost         Award Date         EV 06 Date         Award Cost         Date Cost         Award Date         EV 07 Date         Cost         Date Cost         Award Cost         Date Cost	Method Activity & Type Location         PY s Cost         FY 04 Date         Award Cost         Date Cost         Date Cost         Date Date Cost         Date Date Date Date Date Cost         Date Date Date Date Date Date Date Date	Method Astrivity & Type         Cost         Cost         Date         Cost         Date Cost         Date Cost         Date Cost         Date Cost         Date Cost         Date Cost         Date Cost         Date Cost         Date Cost         Date Cost         Date Cost         Date Cost         Date Cost         Date Complete           CPFF         APULaurel, MD         80.678         8.480         11/03         5.333         11/04         5.582         11/05         6.940         11/06         CONT           SPAWAR NORFOLK         0.417         4	Method Activity & PY s FY 04   Award FY 05   Award FY 06   Date   Cost   Date   Date		

### CLASSIFICATION:

		EXHIBIT R-2, RDT8	E Budget Ite	m Justification	on			DATE:		· · · · · · · · · · · · · · · · · · ·				
Exhibit R-3 Cost Analysis (pa						FEBRUARY 2005								
APPROPRIATION/BUDGET ACTIV	/ITY	PROGRAM E				PROJECT NUMBER AND NAME								
RDT&E, N / BA-4			IP SELF DEFE	ENSE	T	K2184 Force		ation Technolog					1	
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 04 Cost	FY 04 Award Date	FY 05 Cost	FY 05 Award Date	FY 06 Cost	FY 06 Award Date	FY 07 Cost	FY 07 Award Date	Cost to Complete	Total Cost	Target Value of Contract
Developmental Test & Evaluation	<u> </u>	Location	0001	0001	Date	0001	Date	000.	24.0	0001	Build	Complete	0.000	
Operational Test & Evaluation	CPFF	APL/Laurel, MD	2.175	0.454	11/03	0.335	11/04	0.318	3 11/05	0.318	11/06	CONT		
Live Fire Test & Evaluation		,											0.000	
Test Assets													0.000	
Tooling													0.000	
GFE													0.000	
Award Fees													0.000	_
Subtotal T&E			2.175	0.454		0.335		0.318	В	0.318	3	CONT		
Contractor Engineering Support  Contractor Engineering Support  Contractor Engineering Support  Contractor Engineering Support	CPAF CPFF GSA	RGE, SPRINGFIELD, VA SPA,FAIRFAX, VA LOGICON, FALLS CHUR, VA STRATEGIC INSIGHT, VA	0.006 0.100 0.060 0.189										0.006	+
Program Management Support	GSA	DSR, FAIRFAX, VA	0.590	)									0.590	)
Program Management Support	GSA	DELTA ARLINGTON VA	0.000	0.261	11/03	0.150	11/04	0.150	11/05	0.150	11/06	CONT	CONT	-
Travel													0.000	
Labor (Research Personnel)													0.000	)
Subtotal Management			0.945	0.261		0.150		0.150	0	0.150	)	CONT	CONT	
Remarks:														
Total Cost			86.187	9.195		5.818		6.050	0	7.408	3	CONT	CONT	-
Remarks:														
				DING LIGT										