

CLASSIFICATION:

UNCLASSIFIED

EXHIBIT R-2, RDT&E Budget Item Justification							DATE:		
APPROPRIATION/BUDGET ACTIVITY							R-1 ITEM NOMENCLATURE		
RESEARCH DEVELOPMENT TEST & EVALUATION, NAVY/BA5							SHIP SELF DEFENSE(Engage: Hard Kill) 0604756N		
COST (\$ in Millions)	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	Cost to Complete	Total Cost
Total PE Cost	*	33.234	19.528	13.596	8.290	9.657	8.961	CONT.	CONT.
5" Rolling Airframe Missile/20167	*	4.766 **	10.750	5.311	2.100	3.654	3.727	CONT.	CONT.
NATO SEASPARROW/ 20173	*	28.468	8.778	8.285	6.190	6.003	5.234	CONT.	CONT.
Quantity of RDT&E,N Articles									
<p>A. Mission Description and Budget Item Justification</p> <p>This program element provides funding for the development of systems that fulfill a portion of the third phase of the ship self defense: Engage. Development in this line will focus on hard kill capabilities in which missiles are used to intercept incoming ASCMs.</p> <p>(U) ENGAGEMENT: Missile system improvements necessary to meet their requirements are being addressed via NATO SEASPARROW Missile System (NSSMS) (20173) and 5" Rolling Airframe Missile (RAM) (20167). Missile improvements are to include improved kinematic performance plus advanced seeker and low elevation fuzing/warhead capability improvements.</p> <p>* Note: This Project was included in the Ship Self Defense PE 0604755N for FY 01 and Prior Years.</p> <p>**FY02 Project Cost should reflect a Congressional Add of \$6.939 for a Total Program control of \$11.705. These funds are currently reflected under Program Element 0604755N, Project Numbers K2190 (\$1.388) and K9081(\$5.551). Funding will be used to commence development and test of the SEARAM ECP to the RAM MK 39 Guided Missile Weapon System.</p>									

UNCLASSIFIED

CLASSIFICATION:

UNCLASSIFIED

EXHIBIT R-2, RDT&E Budget Item Justification	DATE:																				
	February 2002																				
APPROPRIATION/BUDGET ACTIVITY RESEARCH DEVELOPMENT TEST & EVALUATION, NAVY/BA5	R-1 ITEM NOMENCLATURE SHIP SELF DEFENSE(Engage: Hard Kill) 0604756N																				
<p>B. Program Change Summary:</p> <table style="margin-left: auto; margin-right: auto; border: none;"> <thead> <tr> <th style="text-align: left;"></th> <th style="text-align: center;">FY 2001</th> <th style="text-align: center;">FY 2002</th> <th style="text-align: center;">FY 2003</th> </tr> </thead> <tbody> <tr> <td>(U) FY 2002 President's Budget:</td> <td style="text-align: center;">*</td> <td style="text-align: right;">33.530</td> <td></td> </tr> <tr> <td>(U) Appropriated Value:</td> <td style="text-align: center;">*</td> <td style="text-align: right;">33.530</td> <td></td> </tr> <tr> <td>(U) Adjustments to FY 2001/2002 Appropriated Value/FY 2002 President's Budget:</td> <td style="text-align: center;">*</td> <td style="text-align: right;">-0.296</td> <td></td> </tr> <tr> <td>(U) FY 2003 Pres Budget Submit:</td> <td style="text-align: center;">*</td> <td style="text-align: right;">33.234</td> <td style="text-align: right;">19.528</td> </tr> </tbody> </table> <p>Funding: FY 02 - Reductions are due to section 8123 management reform initiative adjustment of (-\$.296).</p> <p>Schedule: Not applicable.</p> <p>Technical: Not Applicable.</p> <p>* Note: This Project was included in the Ship Self Defense PE 0604755N for FY 01 and Prior Years.</p> <p>Project Cost for RAM (20167) should reflect a Congressional Add of \$6.939 for a Total Program control of \$11.705. These funds are currently reflected under Program Element 0604755N, Project Numbers K2190 (\$1.388) and K9081 (\$5.551). Funding will be used to commence development and test of the SEARAM ECP to the RAM MK 39 Guided Missile Weapon System.</p>			FY 2001	FY 2002	FY 2003	(U) FY 2002 President's Budget:	*	33.530		(U) Appropriated Value:	*	33.530		(U) Adjustments to FY 2001/2002 Appropriated Value/FY 2002 President's Budget:	*	-0.296		(U) FY 2003 Pres Budget Submit:	*	33.234	19.528
	FY 2001	FY 2002	FY 2003																		
(U) FY 2002 President's Budget:	*	33.530																			
(U) Appropriated Value:	*	33.530																			
(U) Adjustments to FY 2001/2002 Appropriated Value/FY 2002 President's Budget:	*	-0.296																			
(U) FY 2003 Pres Budget Submit:	*	33.234	19.528																		

UNCLASSIFIED

CLASSIFICATION:

UNCLASSIFIED

EXHIBIT R-2a, RDT&E Project Justification							DATE: February 2002			
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NAME AND NUMBER					PROJECT NAME AND NUMBER				
RDT&E, NBA-5	SHIP SELF DEFENSE(Engage: Hard Kill) 0604756N					NATO SEASPARROW/20173				
COST (\$ in Millions)	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	Cost to Complete	Total Cost	
Project Cost	*	28.468	8.778	8.285	6.190	6.003	5.234	CONT	CONT	
RDT&E Articles Qty										
<p>A. Mission Description and Budget Item Justification: This project encompasses two (2) primary efforts to enhance ship self defense:</p> <ol style="list-style-type: none"> (U) EVOLVED SEASPARROW MISSILE (ESSM): A cooperative effort among 10 NATO SEASPARROW Nations, including the U.S., to improve the capability of the SEASPARROW Missile to counter the low altitude, highly maneuverable Anti-Ship Cruise Missile threat. The program consists of evolving the SEASPARROW Missile through the development of a new rocket motor with tail control; thrust vector control and ordnance (warhead) upgrade; modifications to the MK 41 VLS to fire from a single cell with 4 ESSM (QuadPack). (U) NATO SEASPARROW - MK 91 Rearchitecture/SDSMS: The MK 91 Rearchitecture Program integrates NSSMS into the Ship Self Defense System (SSDS) Architecture to provide ship missile defense utilizing an open architected system. This effort consists of combining the Firing Officer Console and Radar Set Console functionality into a single Advanced Display System Console (AN/UYQ-70); modifying the Signal Data Processor and eliminating the MK 157 Computer Signal Data Converter and System Evaluation and Trainer, and redistributing this functionality within SSDS compatible microprocessors. This approach will eliminate the analog, point-to-point architecture, limited input-output channel and computer processing reserve deficiencies resident in the existing MK 57 NSSMS, and is required for ESSM. This modification also allows for full exploitation of the capabilities of the future ESSM and provides significant reductions (over 50%) in NSSMS cost of ownership and manning requirements. FY 03 provides funding for the RNSSMS Integration with the Ship Self Defense System (SSDS). (U) ESSM Launching System (ELS) . FY 03 provides initial funding for development of a solution to protect high value Platforms (CVNs and LHDs) IAW the Navy's Maritime Force Protection (MFP) program for ship's self defense against the future threat of evolving Anti-Ship Cruise Missiles (ASCMs). The Navy's MFP plan calls for these platforms to carry ESSM to provide the requires Probability of Raid Annihilation (PRA). The ESSM Launching System provides a light weight, low cost, ultra high reliability fixed launcher in lieu of the current, 1960 technology, heavy rotating launcher. In conjunction with ESSM, the ESSM launching System will meet performance requirements for all cited ship classes through the mid-term; and, in conjunction with ESSM (P3I), will meet PRA requirements into the far term scenario as defined in the capstone requirements and the 1999 Report to Congress. <p>* Note: This Project was included in the Ship Self Defense PE 0604755N for FY 01 and Prior Years.</p>										

UNCLASSIFIED

CLASSIFICATION:

UNCLASSIFIED

EXHIBIT R-2a, RDT&E Project Justification		DATE: February 2002
APPROPRIATION/BUDGET ACTIVITY RDT&E, N BA-5	PROGRAM ELEMENT NAME AND NUMBER SHIP SELF DEFENSE(Engage: Hard Kill) 0604756N	PROJECT NAME AND NUMBER NATO SEASPARROW/20173
<p>(U) PROGRAM ACCOMPLISHMENTS AND PLANS:</p> <p>1. (U) FY 2002 PLAN (U) ESSM: (U) (\$27.392) Continue AEGIS S Band development. Conduct U.S. Unique DT-IIC/OT-IIC firings on SDTS. Conduct TECHEVAL/OPEVAL (DT-IIE/OT-IID) on AEGIS platforms. Complete the cooperative and sole ESSM EMD efforts (U) NATO SEASPARROW: (U) (\$1.076) Complete development of computer program suite for the NSSMS MK 57 Mod 7 (ReArchitecture) for CVNs with SSDS Mk 2 Mod 1. Support Integration testing with SSDS Mk 2 Mod 1 at Wallops Island. Enter CSIT for CVN 76 with SSDS Mk 2 Mod 0 at ICSTF. Address all deficiencies accruing from either Wallops Island or ICSTF testing.</p> <p>2. (U) FY 2003 PLAN (U) ESSM: (U) (\$2.778) Correct engineering deficiencies identified as a result of the TECHEVAL/OPEVAL firings. Provide engineering in support of Post firing analysis. (U) NATO SEASPARROW: (U) (\$3.000) SSDS Post Integration: Building upon the current NSSMS MK 57 Mod 4 - 9 upgrade (Re-architected NSSMS) that provided an initial capability with SSDS MK 2 in support of the Maritime Force Protection (MFP) program, evolve the fire control system component to implement the additional organic capabilities required by the MFP Performance & Compatibility Requirements (P&CR) for CVNs. This effort will maintain compatibility with RNSSMS and evolving Next Generation Ship Defense post SSDS Mk 2, fully exploit RNSSMS performance capabilities, and develop RNSSMS capabilities consistent with the full-approved Integration Specifications. It will also support the evolutionary weapons and control system development to counter future evolving threats. (U) (\$3.000) ELS Development: Utilizing existing technology and the launching system procured by U.S. allied Navies for future ESSM employment, develop a program for the adaptation and U.S. certification of the launching system and make available for U.S. Navy deployment. Provide for the development of a fleet deployable ESSM Launching System (ELS) to accommodate Evolved SEASPARROW Missiles which will provide full dimensional protection against the evolutionary threat of ASCMs on non-AEGIS platforms.</p>		

R-1 SHOPPING LIST - Item No. 137 - 4 of 12

UNCLASSIFIED

EXHIBIT R-2a, RDT&E Project Justification							DATE: February 2002			
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NAME AND NUMBER		PROJECT NAME AND NUMBER							
RDT&E, N BA-5	SHIP SELF DEFENSE(Engage: Hard Kill) 0604756N		NATO SEASPARROW/20173							
B. Other Program Funding Summary										
			<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	To Complete	Total Cost
WPN BA-2	-	-								
Other Missiles, Evolved SEASPARROW (ESSM) (230700)			\$41.665	\$129.550	\$150.697	\$260.483	\$282.944	\$198.077	CONT	CONT
OPN BA-4 NATO SEASPARROW (523700, 523705)			\$10.575	\$41.408	\$21.207	\$26.117	\$19.638	\$26.348	CONT	CONT
Related RDT&E: PE 0603609N (Conventional Munitions) PE 0604307N (AEGIS Combat System Engineering) PE 0604755N (K2178 Quick Reaction Combat Capability (QRCC))										
C. Acquisition Strategy: ESSM is a directed sole source contract to Raytheon Missile Systems Company for LRIP, and upon successful completion of TECHEVAL/OPEVAL in FY 02, entering into Full Rate Production FY 03. Multi-year full rate production is the preferred approach for the NATO SEASPARROW Consortium.										
D. Schedule Profile: The schedule has been delayed as a result of the radome investigation and problems with Rear Receiver Build in Test Software.										
			<u>FY 2002</u>	<u>FY 2003</u>						
Program:				4Q MS III						
Engineering:										
T&E			AEGIS-SDTS 4Q DT-IIC/OT-IIC	AEGIS 3Q DT-IIE/OT-IID						
Contracts:			2Q LRIP CA OPTION 2	4Q FRP CA						

CLASSIFICATION:

UNCLASSIFIED

Exhibit R-3 Cost Analysis (page 1)							DATE: February 2002					
APPROPRIATION/BUDGET ACTIVITY			PROGRAM ELEMENT				PROJECT NAME AND NUMBER					
RDT&E, N BA-5			SHIP SELF DEFENSE(Engage: Hard Kill) 0604756N				NATO SEASPARROW/20173					
Cost Categories (Tailor to WBS, or System/Item Requirements)	Contract Method & Type	Performing Activity & Location				FY 02 Cost	FY 02 Award Date	FY 03 Cost	FY 03 Award Date	Cost to Complete	Total Cost	Target Value of Contract
ESSM-Primary Hardware Developme	LC/CPAF	RAYTHEON				9.428	10/01	0.490	10/02		141.787	141.787
		TDW									0.000	0.000
Ancillary Hardware Development	CPAF	LOCKHEED/UDLP									0.000	0.000
Systems Engineering	VARIOUS	VARIOUS				0.959	10/01	0.100			NA	NA
ESSM Launching System	LC/CPAF	RAYTHEON						2.200	10/02	CONT	CONT	
NATO-Primary Hdwe Dev		RAYTHEON				1.026	11/01			CONT	CONT	
SSDS Integration		RAYTHEON						2.165	10/02	CONT	CONT	
Subtotal Product Development						11.413		4.955		CONT	CONT	CONT
Remarks:												
ESSM												
Integrated Logistics Support	WR	NSWC PHD				0.500	10/01				0.500	
Engr Support	WR	VARIOUS				0.816	10/01	0.300	10/02		1.116	
ESSM Launching System	WR	VARIOUS										
Integrated Logistics Support	WR	NSWC PHD						0.300	10/02			
Engr Support								0.300	10/02			
NATO-MK 91/SDSMS												
ENGR SUPPORT	WR	VARIOUS						0.300	10/02	CONT	CONT	
Integrated Logistics Support	WR	NSWC PHD						0.181	10/02			
Subtotal Support						1.316		1.381		CONT	CONT	
Remarks:												

UNCLASSIFIED

CLASSIFICATION:

UNCLASSIFIED

Exhibit R-3 Cost Analysis (page 1)										DATE: February 2002		
APPROPRIATION/BUDGET ACTIVITY			PROGRAM ELEMENT				PROJECT NAME AND NUMBER					
RDT&E, N BA-5			SHIP SELF DEFENSE(Engage: Hard Kill) 0604756N				NATO SEASPARROW/20173					
Cost Categories (Tailor to WBS, or System/Item Requirements)	Contract Method & Type	Performing Activity & Location				FY 02 Cost	FY 02 Award Date	FY 03 Cost	FY 03 Award Date	Cost to Complete	Total Cost	Target Value of Contract
Developmental Test & Evaluation	WR	NAWC CL				9.353	10/01				12.374	
SDTS/DT OT 11C	WR	PT Mugu									0.000	
OPEVAL/TECHEVAL	WR	VARIOUS(Corona, APL,Dalhgren,NSWC PHD)				5.033	10/01	0.745	10/02		5.778	
Developmental Test & Evaluation	WR	APL						0.295				
Developmental Test & Evaluation	WR	DALHGREN						0.150				
Subtotal T&E						14.386		1.190			18.152	
Remarks:												
ESSM-ENGR SPT	VARIOUS	VARIOUS				0.268	VARIOUS	0.165	VARIOUS			
ESSM-PM SPT	VARIOUS	VARIOUS										
ESSM-LABOR	PD/WR					0.845	VARIOUS	0.845	VARIOUS		CONT	
ESSM - TRAVEL	PD/WR					0.185	VARIOUS	0.187	VARIOUS		CONT	
ESSM- MISC	VARIOUS	VARIOUS				0.005	VARIOUS	0.005	VARIOUS			
NATO TRAVEL/MISC	VARIOUS	VARIOUS				0.050	VARIOUS	0.050	VARIOUS	CONT	CONT	
Subtotal Management						1.353		1.252		CONT	CONT	
Remarks:												
Total Cost						28.468		8.778		CONT	CONT	
Remarks:												
The Firings of the ESSM aboard the Self Defense Test ship in FY 02 are critical for the qualification and acceptance testing in a shipboard environment. The TECHEVAL/OPEVAL will provide the fist guided intercept from a AEGIS Platform to Test Out the Weapon System and Obtain Milestone III for the ESSM Full Rate Production.												

UNCLASSIFIED

CLASSIFICATION:

UNCLASSIFIED

EXHIBIT R-2a, RDT&E Project Justification							DATE: February 2002		
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NAME AND NUMBER				PROJECT NAME AND NUM				
RDT&E, N/BA5	SHIP SELF DEFENSE 0604756N				5" ROLLING AIRFRAME MISSILE/20167				
COST (\$ in Millions)	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	Cost to Complete	Total Cost
Project Cost	*	4.766 **	10.750	5.311	2.100	3.654	3.727	Continuing	Continuing
RDT&E Articles Qty									

A. Mission Description and Budget Item Justification: The purpose of this program is to develop a surface-to-air self-defense system utilizing a dual mode, passive Radio Frequency/Infrared 5" Rolling Airframe Missile. The baseline system (Block 0) provides a self-defense capability against active radar-guided anti-ship missiles and was developed on an equal cost share basis with the Government of the Federal Republic of Germany. The RAM Block 1 provides a capability against passive anti-ship missiles, very low altitude missiles, and maneuvering missiles through the incorporation of an infrared all-the-way mode seeker and improved fuze. The RAM Block 1 MOD 3 upgrade program is a joint requirement of the US and Germany agreed to in a Memorandum of Understanding (MOU) signed by both parties. This effort will provide an additional capability against helicopters, aircraft and surface craft. This system is designed to counter anti-ship cruise missile raids and other threats to provide for ship survivability with accurate terminal guidance, proven lethality, and no shipboard post launch dependence. SSDS/RAM Block 1 MOD 3 Integration and Testing will continue through FY 2007.

1. (U) FY 2002 PLAN:
 - (U) (\$3.958) SSDS MK 2/RAM Blk 1 MOD 3 Integration.
 - (U) (\$0.808) Continue RAM Blk 1 MOD 3 Development (Complete CTE Support and Data Analysis, Evaluation of Test Firings, Optimization of IRSP Algorithms).
 -

2. (U) FY 2003 PLAN:
 - (U) (\$7.317) SSDS MK 2/RAM Blk 1 MOD 3 Integration.
 - (U) (\$2.966) RAM Blk 1 MOD 3 Flight Test/Data Analysis/IRSP Optimization
 - (U) (\$0.467) Autopilot Flight Tests

*** Note: This Project was included in the Ship Self Defense PE 0604755N for FY 01 and Prior Years.**

**** FY02 Project Cost should reflect a Congressional Add of \$6.939 for a Total Program control of \$11.705. These funds are currently reflected under Program Element 0604755N, Project Numbers K2190 (\$1.388) and K9081 (\$5.551). Funding will be used to commence development and test of the SEARAM ECP to the RAM MK 39 Guided Missile Weapon System.**

UNCLASSIFIED

CLASSIFICATION:

UNCLASSIFIED

EXHIBIT R-2a, RDT&E Project Justification							DATE: February 2002		
APPROPRIATION/BUDGET ACTIVITY RDT&E, N/BA5		PROGRAM ELEMENT NAME AND NUMBER SHIP SELF DEFENSE 0604756N			PROJECT NAME AND NUMBER 5" ROLLING AIRFRAME MISSILE/20167				
B. Other Program Funding Summary									
	<u>FY2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY2006</u>	<u>FY2007</u>	To Complete	Total Cost
OPN LINE 523800 (RAM)	\$35.343	\$31.556	\$23.893	\$32.464	\$25.651	\$24.172	\$12.963	CONT.	CONT.
WPN LINE 224200 (RAM)	\$22.741	\$42.663	\$58.379	\$130.427	\$89.097	\$304.609	\$225.692	CONT.	CONT.
C. Acquisition Strategy: SSDS/RAM Block 1 MOD 3 Integration and Testing FY 2000 - FY 2007.									
D. Schedule Profile: See attached.									
E. Program Change Summary:									
<p>FY 02 Estimated decrease in SSDS/RAM Block 1 MOD 3 Integration. This budget does not reflect \$6.939 Congressional add currently under Program Element N0604755N, Project Numbers K2190 (\$1.388) and K9081 (\$5.551).</p> <p>FY 03 Reduction due to anticipated decreased costs of SSDS/RAM Block 1 MOD 3 Integration</p>									

UNCLASSIFIED

CLASSIFICATION:

UNCLASSIFIED

Exhibit R-3 Cost Analysis (page 1)							DATE: February 2002					
APPROPRIATION/BUDGET ACTIVITY			PROGRAM ELEMENT				PROJECT NAME AND NUMBER					
RDT&E, N/BA5			SHIP SELF DEFENSE 0604756N				5" ROLLING AIRFRAME MISSILE/20167					
Cost Categories (Tailor to WBS, or System/Item Requirements)	Contract Method & Type	Performing Activity & Location				FY 02 Cost	FY 02 * Award Date	FY 03 Cost	FY 03 Award Date	Cost to Complete	Total Cost	Target Value of Contract
Primary Hardware/Softwr Developmt	SS/CPFF	Raytheon Co., Tucson, AZ				0.000		0.000		CONT.	CONT.	CONT.
SSDS/Blk 1 MOD 3 Integration Support	SS/CPFF	Raytheon Co, San Diego, CA				3.608	02/02	5.517	11/02	CONT.	CONT.	CONT.
SSDS MK 2/Blk 1 MOD 3 Integration Support		JHU/APL, Laurel, MD				0.220		0.627		CONT.	CONT.	CONT.
RAM Blk 1 MOD 3 Engineering		NAWC/China Lake				0.000		0.000		CONT.	CONT.	CONT.
SSDS MK 2/Blk 1 MOD 3 Integration Support		NSWC/PHD				0.000		0.658		CONT.	CONT.	CONT.
Blk 1 MOD 3 IR Support		NRL				0.100		0.000		CONT.	CONT.	CONT.
Prog./Tech Mgt. - Blk 1 MOD 3 Sys. Safety		NSWC/DD				0.230		0.515		CONT.	CONT.	CONT.
Miscellaneous		Various				0.000		0.000		CONT.	CONT.	CONT.
Subtotal Product Development						4.158		7.317		CONT.	CONT.	CONT.
Remarks: *Primary Hardware/Software Development in FY02 should reflect a Congressional Add of \$6.939 for Raytheon Co., Tucson, AZ. These funds are currently reflected under Program Element 0604755N, Project Numbers K2190 (\$1.388) and K9081 (\$5.551). Subtotal Product Development would equal \$11.097.												
Development Support Equipment												
Software Development												
Training Development												
Integrated Logistics Support												
Configuration Management												
Technical Data												
GFE												
Subtotal Support						0.000		0.000		0.000	0.000	0.000
Remarks:												

UNCLASSIFIED

CLASSIFICATION:

UNCLASSIFIED

Exhibit R-3 Cost Analysis (page 2)									DATE: February 2002			
APPROPRIATION/BUDGET ACTIVITY			PROGRAM ELEMENT			PROJECT NAME AND NUMBER						
RDT&E, N/BA5			SHIP SELF DEFENSE 0604756N			5" ROLLING AIRFRAME MISSILE/20167						
Cost Categories (Tailor to WBS, or System/Item Requirements)	Contract Method & Type	Performing Activity & Location				FY 02 Cost	FY 02 Award Date	FY 03 Cost	FY 03 Award Date	Cost to Complete	Total Cost	Target Value of Contract
DT&E/OT&E/FOT&E	SS/CPAF	Raytheon Co., Tucson, AZ				0.000		0.500	11/02	CONT.	CONT.	CONT.
DT&E/OT&E		China Lake, CA/PHD, CA				0.000		2.356		CONT.	CONT.	N/A
FOT&E		China Lake, CA/PHD, CA				0.000		0.000		CONT.	CONT.	N/A
CTE SUPPORT		NSWC/PHD, CA				0.000		0.000		CONT.	CONT.	N/A
Miscellaneous		Various				0.500		0.467		CONT.	CONT.	CONT.
Subtotal T&E						0.500		3.323		CONT.	CONT.	CONT.
Remarks:												
Cost Categories												
MANAGEMENT												
Miscellaneous	Various	Various				0.108	01/02	0.110	11/02	CONT.	CONT.	CONT.
Subtotal Management						0.108		0.110		CONT.	CONT.	CONT.
Remarks:												
Total Cost						4.766		10.750		Continuing	Continuing	CONT.
0												

UNCLASSIFIED