

Exhibit R-2, RDT&E Budget Item Justification										Date: January 2006
APPROPRIATION/BUDGET ACTIVITY RDT&E,N /7/0204575N					R-1 ITEM NOMENCLATURE Electronic Warfare (EW) Readiness Support					
COST (\$ in Millions)	FY 04	FY 05	FY 06	FY07	FY08	FY09	FY10	FY11	TO COMPLETE	TOTAL
Total / 0204575N	9.936	11.944	13.777	20.673	25.033	16.666	16.181	16.625	Cont.	Cont.
Information Warfare/Z2263	7.538	5.746	10.299	15.671	19.936	11.481	11.200	11.241	Cont.	Cont.
Retract Barley/Z2462	2.398	6.198	3.478	5.002	5.097	5.185	4.981	5.384	Cont.	Cont.
Quantity of RDT&E Articles	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
A. Mission Description and Budget Item Justification										
<p><u>Project Z2263/Information Warfare System</u></p> <p>The Naval Information Warfare Activity (NIWA) serves as the Program Management Office for the Offensive Information Warfare (IW) program. As such, NIWA is tasked as the Navy's principal technical agent to research, assess, and develop IW capabilities. The key focus areas include, providing Navy Warfighter Command and Control Targeting System, state-of-the-art Electronic Attack (EA) hardware and software, and computer network operation capabilities (an IW Mission Planning, Analysis and Command and Control Targeting System (IMPACTS) tool). This project continues the development and integration of EA systems onto various platforms through the out-years. In addition, NIWA oversees management of the Navy Vulnerability Assessment Counter-Measures program (NVACM), which assesses information systems in the design phase to ensure security confidence/integrity of fielded capabilities.</p> <p>PR07 provides for the increase for the expansion of Computer Network Operations (CNO) and Electronic Attack capabilities. Specific efforts include: expanded target area capability development, testbed design and development to support the evaluation of emerging technologies (hardware), expansion of R&D test facility to validate capabilities (software), evaluate execution from unmanned/wireless "networks", and development of the weaponization/operationalization of CNO and EA. (Some details are held at a higher classification level).</p>										
<p><u>Project Z2462/Retract Barley</u></p> <p>Details held at a higher classification level.</p>										

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R-1 Shopping List – Line Item #178

Exhibit R-2a, RDT&E Project Justification								Date: January 2006		
APPROPRIATION/BUDGET ACTIVITY			PROGRAM ELEMENT		PROJECT NAME AND NUMBER					
RDT&E,N / 7			0204575N		Information Warfare/Z2263					
Cost (\$ in Millions)	FY 04	FY 05	FY 06	FY 07	FY08	FY09	FY10	FY11	Cost to Complete	Total Cost
Project Cost	7.538	5.746	10.299	15.671	19.936	11.481	11.200	11.241	Cont.	Cont.
RDT&E Articles Qty	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
A. Accomplishments/Planned Program										
FY 2005 Plans										
(2.0) – Continued IMPACTS updates										
(2.4) – Continued Electronic Attack										
(1.0) – Navy Vulnerability Assessment Counter-Measures (NVACM)										
(0.3) – Continued Program Office Support										
FY 2006 Plans										
(2.0) – Continue IMPACTS updates										
(3.6) – Continue Electronic Attack										
(2.6) – Start Computer Network Operations (CNO)										
(1.0) – Navy Vulnerability Assessment Counter-Measures (NVACM)										
(0.6) – Navy IO										
(0.5) – Continue Program Office Support										
FY 2007 Plans										
(1.8) - Continue IMPACTS updates										
(3.0) - Continue Electronic Attack										
(6.8) - Continue Computer Network Operations (CNO)										
(1.4) - Navy Vulnerability Assessment Counter-Measure (NVACM)										
(0.6) - Continue Navy IO										
(0.5) – Continue Program Office Support										
B. Other Program Funding Summary										
	<u>FY04</u>		<u>FY05</u>	<u>FY06</u>	<u>FY07</u>	<u>FY08</u>	<u>FY09</u>	<u>FY10</u>	<u>FY11</u>	
OMN Line 4A6M	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
OMN Line 4B7N	2.1	2.5	2.6	4.2	4.4	4.5	4.5	4.6		
OPN 234000/6	4.2	4.0	3.4	5.0	7.2	4.2	4.3	4.4		
R&D Z1742	0.9	0.9	0.9	0.6	0.7	0.7	0.7	0.7		
C. Acquisition Strategy: N/A										
D. Schedule Profile: N/A										

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APPROPRIATION/BUDGET ACTIVITY		PROGRAM ELEMENT		PROJECT NAME AND NUMBER					
RDT&E,N /7		0204575N		Information Warfare/Z2263					
E. Program Change Summary:									
	<u>FY04</u>	<u>FY05</u>	<u>FY06</u>	<u>FY07</u>	<u>FY08</u>	<u>FY09</u>	<u>FY10</u>	<u>FY11</u>	
Current BES/President's Budget	7.538	5.746	10.299	15.671	19.936	11.481	11.200	11.241	
Previous President's Budget	<u>7.538</u>	<u>5.822</u>		<u>10.456</u>		<u>13.642</u>	<u>17.757</u>	<u>9.195</u>	<u>9.313</u>
Total Adjustments	0.000	-0.076	-0.157	2.029	2.179	2.286	1.887	1.796	<u>9.445</u>
<u>Summary of Adjustments:</u>									
PL 108-447 DOE Transfer	0.000	- 0.004	0.000	0.000	0.000	0.000	0.000	0.000	
SBIR Reduction	0.000	- 0.072	0.000	0.000	0.000	0.000	0.000	0.000	
Congressional Directed Adjustments	0.000	0.000	-0.157	0.000	0.000	0.000	0.000	0.000	
PBD 604 Inflation	0.000	0.000	0.000	0.527	0.646	0.744	0.461	0.436	
PBD 610R Reimbursable	0.000	0.000	0.000	0.002	0.003	0.001	0.001	0.001	
PBD 717 Reduction	0.000	0.000	0.000	0.000	0.000	-0.020	-0.167	-0.265	
Transfer	<u>0.000</u>	<u>0.000</u>	<u>0.000</u>	<u>1.500</u>	<u>1.530</u>	<u>1.561</u>	<u>1.592</u>	<u>1.624</u>	
Total Adjustments	0.000	-0.076	-0.157	2.029	2.179	2.286	1.887	1.796	

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Exhibit R-3 Cost Analysis RDT&E,N/7									Date: January 2006			
			Program Element: 0204575N						Information Warfare/Z2263			
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY05 Cost	FY05 Award Date	FY06 Cost	FY06 Award Date	FY07 Cost	FY07 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Primary Hardware Development	Var.	Var.	11.538	1.815	Var.	2.728	Var.	4.101	Var.	Cont.	Cont.	
Subtotal Product Development			11.538	1.815	Var.	2.728	Var.	4.101	Var.	Cont.	Cont.	
Development Support	Var.	Var.	4.803	1.434	Var.	1.532	Var.	1.533	Var.	Cont.	Cont.	
Software Development	Var.	Var.	5.901	0.546	Var.	3.104	Var.	5.256	Var.	Cont.	Cont.	
Subtotal Support			10.704	1.980	Var.	4.636	Var.	6.789	Var.	Cont.	Cont.	
Remarks												

Exhibit R-3, Project Cost Analysis
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Exhibit R-3 Cost Analysis									Date: January 2006			
RDT&E,N/7			Program Element: 0204575N						INFORMATION WARFARE/Z2263			
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY05 Cost	FY05 Award Date	FY06 Cost	FY06 Award Date	FY07 Cost	FY07 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Developmental Test & Evaluation	Var.	Var.	1.700	0.700	Var.	1.036	Var.	1.429	Var.	Cont.	Cont.	
Subtotal T&E			1.700	0.700	Var.	1.036	Var.	1.429	Var.	Cont.	Cont.	
Remarks												
AIS Support	Var.	Var.	0.250	0.100	Var.	0.100	Var.	0.000	Var.	Cont.	Cont.	
Government Engineering Support	Var.	Var.	1.385	0.551	Var.	0.535	Var.	1.637	Var.	Cont.	Cont.	
Program Management Support	Var.	Var.	1.650	0.600	Var.	1.265	Var.	1.715	Var.	Cont.	Cont.	
Subtotal Management			3.285	1.251	Var.	1.900	Var.	3.352	Var.	Cont.	Cont.	
Remarks												
Total Cost			27.227	5.746	Var.	10.299	Var.	15.671	Var.	Cont.	Cont.	
Remarks												

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