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Exhibit R-2, RDT&E Budget Item Justification									Date FEB 99	
APPROPRIATION/BUDGET ACTIVITY : RDT&E,N BA-7					R-1 ITEM NOMENCLATURE : INFORMATION WARFARE 0204575N					
COST (\$ in Millions)	FY 98	FY 99	FY 00	FY 01	FY 02	FY 03	FY 04	FY 05	Cost to Complete	Total Cost
Total PE Cost	1.574	3.707	3.494	3.789	3.838	3.903	3.984	4.242	CONT.	CONT.
Project Z2263	1.574	3.707	3.494	3.789	3.838	3.903	3.984	4.242	CONT.	CONT.
Quantity of RDT&E Articles										
<p>A. Mission Description and Budget Item Justification : The Naval Information Warfare Activity is tasked as the Navy's principal technical agent to research, assess, develop and prototype Information Warfare (IW) capabilities.</p> <p>B. Program Change Summary: Funding for FY00 through FY03 adjustments are a result of a new technology development program requirement.</p>										

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Exhibit R-2, RDT&E Project Justification
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Exhibit R-2a, RDT&E Project Justification									Date: FEB 99	
RDT&E,N BA-7			0204575N		INFORMATION WARFARE Z2263					
Cost (\$ in Millions)	FY 98	FY 99	FY 00	FY 01	FY 02	FY 03	FY 04	FY 05	Cost to Complete	Total Cost
Project Cost	1.574	3.707	3.494	3.789	3.838	3.903	3.984	4.242	CONT.	CONT.
RDT&E Articles Qty	VAR	TBD	TBD	TBD	TBD	TBD	TBD	TBD	CONT.	CONT.
A. Mission Description and Budget Item Justification										
<p>This program supports the development of an effort encompassing all aspects of IW attack, protect and exploit. A key focus of efforts in this line will be providing tactical commanders with an IW Mission Planning, Analysis, and Command and Control Targeting System (IMPACTS) tool. An aggressive program is maintained to acquire and analyze state-of-the art technologies (software and hardware). Evaluate fleet applicability and prototype developmental capabilities. FY99 will initiate the design of next generation tactical deception (TD) systems as well as design the next generation psychological operations (PSYOP) system. These will continue through FY 01. FY 01 will initiate design to modify and incorporate second generation jammer. The project will continue upgrades through out-years. Ongoing efforts are to identify and develop new IW tools.</p>										
B. Other Program Funding Summary										
	<u>FY98</u>	<u>FY99</u>	<u>FY00</u>	<u>FY01</u>	<u>FY02</u>	<u>FY03</u>	<u>FY04</u>	<u>To FY05</u>	<u>Total Complete</u>	
<u>Cost</u>										
MPN Line 1B1B	11.3	11.1	11.8	12.1	12.5	12.8	12.9	12.9	CONT.	
CONT.										
OMN Line 4B7N	1.7	1.8	1.9	1.9	2.0	2.0	2.0	2.1	CONT.	
CONT.										
OPN 23400/6	3.6	4.3	4.3	4.4	4.3	4.8	5.9	6.1	CONT.	
CONT.										
RPN Line 1C1C	0.8	0.8	0.8	0.8	0.8	0.9	1.0	1.0	CONT.	
CONT.										
C. Acquisition Strategy: This is a non-A-CAT program. No acquisition strategy exists.										

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Exhibit R-2a, RDT&E Project Justification	Date: FEB 99
D. Schedule Profile: N/A	

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Exhibit R-3 Cost Analysis (page 1)									Date: FEB 99			
APPROPRIATION/BUDGET ACTIVITY RDT&E,N/ BA-7				PROGRAM ELEMENT 0204575N					INFORMATION WARFARE			
Cost Categories (Tailor to WBS, or System/Item Requirements)	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY99 Cost	FY99 Award Date	FY00 Cost	FY00 Award Date	FY01 Cost	FY01 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Software Development	CPFF	Various	2.921	3.601	2/00	3.394	2/01			Cont.	Cont.	Cont.
Support Cost	WR	Various	0.240	0.106	2/00	0.100	2/01			Cont.	Cont.	Cont.
Subtotal Development		Various	3.161	3.707	2/00	3.494	2/01			Cont.	Cont.	Cont.
<p>Remarks: Information Warfare is defined as "actions taken to achieve information superiority by affecting adversary information, information-based processes, information systems, and computer-based networks while defending one's own information, information-based processes, information systems, and computer-based networks." The Information Warfare (IW) System Program funds several capabilities enabling joint and fleet commanders to conduct IW. It mans, trains, and equips naval forces to conduct IW.</p> <p>Due to the rapidly developing pace of technology (turns over every 18 months) and emerging threat countries/entities, the IW program must be adaptable to ever changing requirements for capabilities.</p>												

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Exhibit R-3 Cost Analysis (page 2)										Date: FEB 99		
APPROPRIATION/BUDGET ACTIVITY			PROGRAM ELEMENT							PROJECT NAME AND NUMBER		
Cost Categories (Tailor to WBS, or System/Item Requirements)	Contract Method & Type	Performing Activity & Location	Total PYs Cost	CY Cost	CY Award Date	BY1 Cost	BY1 Award Date	BY2 Cost	BY2 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Developmental Test & Evaluation												
Operational Test & Evaluation												
Tooling												
GFE												
Subtotal T&E												
Remarks												
Contractor Engineering Support												
Government Engineering Support												
Program Management Support												
Program Management Personnel												
Travel												
Labor (Research Personnel)												
Overhead												
Subtotal Management												
Remarks												
Total Cost			3.161	3.707	2/00	3.494	2/01			Cont.	Cont.	Cont.
Remarks												