

<b>CLASSIFICATION:</b>							
EXHIBIT R-2, RDT&E Budget Item Justification					DATE: May 2009		
APPROPRIATION/BUDGET ACTIVITY <b>RESEARCH DEVELOPMENT TEST &amp; EVALUATION, NAVY /</b>				<b>BA-06</b>	R-1 ITEM NOMENCLATURE 0305885N - Tactical Cryptologic Activities		
COST (\$ in Millions)	FY 2008	FY 2009	FY 2010				
Total PE Cost 0305885N 0037 Tact Combat Oper Sys	1.498	1.993	2.464				
Quantity of RDT&E Articles							
<p>(U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:                  This is a continuing program that will provide advanced technologies and capabilities to current Electronic Warfare/Electronic Intelligence system programs of record (POR) by developing concepts of data/information exchange within the Global Information Grid (GIG) as envisioned by Chief of Naval Operations (CNO) and outlined within the FORCEnet concept. To comply with the intent of the GIG, this program will address compression, transmission, de-compression, re-compression and long term storage of targeted data/information without degradation. This program will become an enabler for future capabilities such as remote operation of surface, subsurface, and air EW/ELINT open architecture PORs. A holistic approach to data/information format, processing, transmission, and storage will require developments in antenna technology, communications capabilities, operational concepts, and software development.</p> <p><b>(U) JUSTIFICATION FOR BUDGET ACTIVITY:</b>                  This project support the Chief of Naval Operations vision for implementation of FORCEnet.</p>							

R-1 SHOPPING LIST - Item No. 154

<b>CLASSIFICATION:</b>			
EXHIBIT R-2a, RDT&E Project Justification		DATE: May 2009	
APPROPRIATION/BUDGET ACTIVITY <b>RDT&amp;E, N / BA-06</b>	PROGRAM ELEMENT NUMBER AND NAME 0305885N - Tactical Cryptologic Activities	PROJECT NUMBER AND NAME 0037 Tactical Combat Oper Sys	
<b>(U) B. Accomplishments/Planned Program</b>			
	FY 08	FY 09	FY 10
JIIOR Management	1.498	1.993	2.464
RDT&E Articles Quantity			
<p><b>FY08 PLAN:</b>                      - System development for the collection of Advanced Electronically Scanning Array (AESAs) radars.                      - Antenna Technology Development and Advances: To continue to meet changing environmental and technology requirements, NNWC will continue to invest in advanced antenna technology in partnership with NRL, CNO, ONI, DNR, Combatant Fleet Commanders, and National partners.</p>			
<p><b>FY09 PLAN:</b>                      Continue development as outlined for FY08.</p>			
<p><b>FY10 PLAN:</b>                      Continue development as outlined for FY08.</p>			
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EXHIBIT R-2a, RDT&E Project Justification			DATE: May 2009
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER AND NAME	PROJECT NUMBER AND NAME	
<b>RDT&amp;E, N / BA-6</b>	0305885N - Tactical Cryptologic Activities	0037 Tactical Combat Oper Sys	
<b>(U) C. PROGRAM CHANGE SUMMARY:</b>			
(U) Funding:	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
PresBud 09	1.498	1.998	2.500
PresBud 10	1.498	1.993	2.464
Total Adjustments	0.000	(0.005)	(0.036)
<b>Summary of Adjustments:</b>			
	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
Congressional Adjustments	0.000	(0.005)	0.000
Rate/Misc. Adjustments	0.000	0.000	(0.036)
Total Adjustments	0.000	(0.005)	(0.036)
(U) Schedule:			
Not Applicable			
(U) Technical:			
Not Applicable			
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