

CLASSIFICATION:

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EXHIBIT R-2, RDT&E Budget Item Justification							DATE: June 2001			
APPROPRIATION/BUDGET ACTIVITY RESEARCH DEVELOPMENT TEST & EVALUATION, NAVY / BA 4					R-1 ITEM NOMENCLATURE Hardened Target Munitions - 0604327N					
COST (\$ in Millions)	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	Cost to Complete	Total Cost
Total PE Cost	4.591	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Cont.	Cont.
J2331 Hard Target Munitions	4.591	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Cont.	Cont.
Quantity of RDT&E Articles										
<p>A. Mission Description and budget Item Justification The Advanced Penetrator Definition Program will develop an advanced conventional earth penetrating warhead for use on conventional ballistic missiles.</p> <p>(U) JUSTIFICATION FOR BUDGET ACTIVITY: The Advanced Penetrator Definition Program is appropriately justified in BA-4, Demonstration and Validation, as this effort evaluates advanced conventional earth penetrating warhead materials in as realistic an operating environment as possible to assess the performance of advanced technology.</p>										

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EXHIBIT R-2, RDT&E Budget Item Justification		DATE:	June 2001
APPROPRIATION/BUDGET ACTIVITY		R-1 ITEM NOMENCLATURE	
RESEARCH DEVELOPMENT TEST & EVALUATION, NAVY / BA 4		Hardened Target Munitions - 0604327N	
B. <u>Program Change Summary</u>			
	<u>FY 2000</u>	<u>FY 2001</u>	<u>FY 2002</u>
(U) FY 2001 President's Budget:	4.897	0.000	0.000
(U) Appropriated Value:	4.897	0.000	
(U) Adjustment to FY00/01 Appropriated Value/FY01 PRESBUD:	-0.306	0.000	0.000
(U) FY 2002/2003 OSD/OMB Budget:	4.591	0.000	0.000
Funding:			
Explanation: Changes from FY 2001 President's Budget to FY 2002 President's Budget submission: The decrease of -\$0.3M in FY 2000 is a result of: a Below Threshold Reprogramming (-\$0.2), SBIR reduction (-\$0.1).			
C. (U) Other Program Funding Summary: See enclosed R-2a for each individual project data.			
D. (U) Acquisition Strategy: See enclosed R-2a for each individual project data.			
E. (U) Schedule Profile: Not Applicable.			

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Exhibit R-2, RDT&E Budget Item Justification
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EXHIBIT R-2a, RDT&E Project Justification							DATE:			
							June 2001			
APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA 4		PROGRAM ELEMENT NAME AND NUMBER Hardened Target Munitions - 0604327N			PROJECT NAME AND NUMBER Hard Target Munitions - J2331					
COST (\$ in Millions)	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	Cost to Complete	Total Cost
Project Cost	4.591	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Cont.	Cont.
RDT&E Articles Qty										
<p>A. Mission Description and Budget Item Justification The Advanced Penetrator Definition Program will develop an advanced conventional earth penetrating warhead for use on conventional ballistic missiles.</p> <p>- (U) PROGRAM ACCOMPLISHMENTS AND PLANS:</p> <p>FY 2000 ACCOMPLISHMENTS: (U) (\$4.6) Continued Advanced Penetrator Definition program. Design efforts will focus on risk reduction technology efforts. Full obligation is projected by the 4th quarter of the first year. FY 2000 efforts include:</p> <ul style="list-style-type: none"> (U) Defined penetrator fuze requirements. (U) Initiated testing to obtain environment data on penetrators which impact concrete at velocities up to 4000 feet per second. (U) Initiated preliminary design of the missile/reentry body separation system. (U) Initiated trade studies focusing on internal packaging and system guidance architectures. (U) Defined GPS receiver design and data processing options that optimize system accuracy and minimize degradation due to jamming. (U) Provided funds to the Air Force for completion of Analysis of Alternatives (AOA) activities. <p>2. (U) FY 2001 PLAN: *</p> <p>3. (U) FY 2002 PLAN:*</p> <p>4. (U) FY 2003 PLAN*</p> <p>* There is no Navy funding required for HTM in fiscal years 2001-2003. The Tactical Missile System (TACMS) Penetrator Demonstration is now an Advanced Concept Technology Demonstration (ACTD). This demonstration was initiated by Navy HTM funding and the balance of the effort is funded with a coordinated fiscal effort by the following organizations: OSD, Defense Threat Reduction Agency (DTRA), and fuze development being provided by Air Force Research Laboratory (AFRL).</p> <p>B. Other Program Funding Summary: N/A</p> <p>C. (U) Acquisition Strategy: Contracts will continue to be awarded to those sources who were engaged in the TRIDENT II (D5) development program and are currently engaged in the production and/or operational support of the deployed D5/C4 Strategic Weapons Systems on the basis of Other Than Full and Open Competition pursuant to the authority of 10 U.S.C. 2304 ©(1) and (3) implemented by FAR 6.302.-1, 3 4.</p> <p>D. (U) Schedule Profile: Not Applicable.</p>										

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Exhibit R-2a, RDT&E Project Justification
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Exhibit R-3 Cost Analysis (page 1)								DATE: June 2001				
APPROPRIATION/BUDGET ACTIVITY			PROGRAM ELEMENT			PROJECT NAME AND NUMBER						
RDT&E, N / BA 4			Hardened Target Munitions - 0604327N			Hard Target Munitions - J2331						
Cost Categories (Tailor to WBS, or System/Item Requirements)	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 00 Cost	FY 00 Award Date	FY 01 Cost	FY 01 Award Date	FY 02 Cost	FY 02 Award Date	Cost to Complete	Total Cost	Target Value of Contract
Ancillary Hardware Development	SS/CPFF	LMDS/CAL.	1.400	0.800	04/00	0.000	N/A	0.000	N/A			
Ancillary Hardware Development	PD	ALAM/VA	0.000	0.500	04/00	0.000	N/A	0.000	N/A			
Ancillary Hardware Development	WR	AIR FORCE	0.000	0.800	04/00	0.000	N/A	0.000	N/A			
Ancillary Hardware Development	MIPR	DOE/NM	1.900	0.700	04/00	0.000	N/A	0.000	N/A			
Ancillary Hardware Development	WR	ARMY/ALA	1.300	0.900	04/00	0.000	N/A	0.000	N/A			
Ancillary Hardware Development	SS/CPFF	CSDL/MA	0.000	0.700	04/00	0.000	N/A	0.000	N/A			
Ancillary Hardware Development	SS/CPFF	Hicks & Assoc./VA	0.000	0.200	04/00	0.000	N/A	0.000	N/A			
Subtotal Product Development			4.600	4.600		0.000		0.000		Cont.	Cont.	Cont.
Remarks:												
Total Cost			4.600	4.600		0.000		0.000		Continuing	0.000 Continuing	
Remarks:												

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