

<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: left;">CLASSIFICATION:</div> <div style="font-size: 24px; font-weight: bold;">UNCLASSIFIED</div> </div>									
EXHIBIT R-2, RDT&E Budget Item Justification							DATE: <div style="font-weight: bold;">February 2006</div>		
APPROPRIATION/BUDGET ACTIVITY RESEARCH DEVELOPMENT TEST & EVALUATION, NAVY/BA-5					R-1 ITEM NOMENCLATURE LPD 17 CLASS SYSTEMS INTEGRATION - 0604311N				
COST (\$ in Millions)	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011		
Total PE Cost	8.405	11.271	5.960	4.294	0.988	1.034	0.980		
LPD 17 Class Systems Integration/2283	8.405	11.271	5.960	4.294	0.988	1.034	0.980		
Quantity of RDT&E Articles									
<p>A. Mission Description and Budget Item Justification: The LPD 17 Class ships are functional replacements for 41 ships of four classes of amphibious ships. These new ships embark, transport, and land elements of Marine landing forces in an amphibious assault by helicopters, landing craft, and amphibious vehicles. As the tactics, techniques, and tools for naval expeditionary warfare continue to evolve, the LPD 17 Class configuration must continue to adapt to this evolutionary process, because these ships are expected to be in service until almost 2050. The LPD 17 Class was designed with unique system configurations that reduce operating and support costs and facilitate operational performance improvements. Therefore, RDT&E funding is being used for continued system engineering and integration efforts, including developing solutions for obsolescence, interface and performance issues. Once in the fleet, feedback from the operational forces for integrating system configurations will be accomplished. In FY 2005-2007, the RDT&E efforts also fund the testing events required for Live Fire Test & Evaluation (LFT&E) and Operational Evaluation (OPEVAL), which are performed on the lead ship as part of the Operational Test and Evaluation Requirements as described in the Test and Evaluation Master Plan (TEMP).</p>									

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Exhibit R-2, RDT&E Budget Item Justification

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EXHIBIT R-2a, RDT&E Project Justification		DATE: February 2006	
APPROPRIATION/BUDGET ACTIVITY RDT&E,N/BA-5	PROGRAM ELEMENT NUMBER AND NAME 0604311N - LPD 17 CLASS SYSTEMS INTEGRATION	PROJECT NUMBER AND NAME 2283: LPD 17 CLASS SYSTEM INTEGRATION	
(U) B. Accomplishments/Planned Program			
	FY 05	FY 06	FY 07
Systems Engineering/Integration	1.009	2.149	3.259
RDT&E Articles Quantity			
<p>Continue Naval Expeditionary Warfare Systems Engineering and Integration efforts for unique LPD 17 systems.</p>			
	FY 05	FY 06	FY 07
OT&E	7.396	9.122	2.701
RDT&E Articles Quantity			
<p>Continue operational test efforts. Funding allows for Operational Test Force Support, range time, procurement of rounds/targets for testing, interoperability certification and other related costs.</p>			

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Exhibit R-2a, RDT&E Project Justification

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EXHIBIT R-2a, RDT&E Project Justification		DATE: February 2006
APPROPRIATION/BUDGET ACTIVITY RDT&E,N/BA-5	PROGRAM ELEMENT NUMBER AND NAME 0604311N - LPD 17 CLASS SYSTEMS INTEGRATION	PROJECT NUMBER AND NAME 2283: LPD 17 CLASS SYSTEM INTEGRATION

(U) C. PROGRAM CHANGE SUMMARY

	FY 2005	FY 2006	FY 2007
(U) Funding:			
FY2006 President's Budget	8.893	11.443	5.955
FY2007 President's Budget	8.405	11.271	5.960
Total Adjustments	-0.488	-0.172	0.005
Other General Provisions	-0.233	-0.052	-0.021
Inflation	0.000	0.000	0.026
Rescissions	0.000	-0.120	0.000
Programmatic Changes	-0.255	0.000	0.000
Total	-0.488	-0.172	0.005

(U) D. OTHER PROGRAM FUNDING SUMMARY

<u>Line Items No. & Name (\$M)</u>	FY 2005	FY 2006	FY 2007
BLI 303600 (LPD 17 SCN)	961.7	1326.1	
BLI 303600 (LPD 17 SCN AP)			297.5

(U) E. ACQUISITION STRATEGY

(U) F. MAJOR PERFORMERS

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Exhibit R-2a, RDT&E Project Justification

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Exhibit R-3, Project Cost Analysis

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Exhibit R-3 Cost Analysis (page 2)						DATE: February 2006							
APPROPRIATION/BUDGET ACTIVITY				PROGRAM ELEMENT		PROJECT NAME AND NUMBER							
RDT & E, NAVY/BA-5				PE 0604311N		LPD 17 CLASS SYSTEM INTEGRATION - Project 2283							
Cost Categories (Tailor to WBS, or System/Item Requirements)	Contract Method & Type	Performing Activity & Location	Total PY \$ Cost	FY 05 Cost	FY 05 Award Date	FY 06 Cost	FY 06 Award Date	FY 07 Cost	FY 07 Award Date	Cost to Complete	Total Cost	Target Value of Contract	
OT&E/Interoperability Cert	WX	OPTEVFOR/JITC	9.443	1.809	01/05	9.122	11/05	2.701	11/06				
Test Plan Development	Various	Various		2.400	02/05								
Testing	WX	Various		3.187	02/05								
Subtotal T&E			9.443	7.396		9.122		2.701					
Remarks: Funding to support LPD17 Operational Evaluation planned for FY 2006. This includes test plan development, interoperability certification (JITC), characterization testing, gun qualification testing as well as costs associated with range time, ordance and targets and related OPTEVFOR support costs as agreed upon in the TEMP.													
Contractor Engineering Support													
Government Engineering Support													
Program Management Support													
Travel													
Labor (Research Personnel)													
Overhead													
Subtotal Management				0.000		0.000		0.000					
Remarks:													
Total Cost			15.587	8.405		11.271		5.960					
Remarks:													

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Exhibit R-3, Project Cost Analysis

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EXHIBIT R4, Schedule Profile												DATE: February 2006																
APPROPRIATION/BUDGET ACTIVITY				PROGRAM ELEMENT NUMBER AND NAME								PROJECT NUMBER AND NAME																
RDT&E, N / BA -5				0604311N - LPD 17 CLASS SYSTEMS INTEGRATION								2283 - LPD 17 CLASS SYSTEM INTEGRATION																
Fiscal Year	2005				2006				2007				2008				2009				2010				2011			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Acquisition Milestones										IOC										MS III								
Test & Evaluation Milestones																												
Development Test	DT-IIA																											
	DT-IIB																											
Operational Test	OT-IIB		DT - IIC																									
	OT-IIC OPEVAL																											
Systems Engineering/Integration																												
Ship Deliveries*																												

*Ship Deliveries are under review as a result of Hurricane Katrina

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