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Exhibit R-2, RDT&E Budget Item Justification: PB 2012 United States Special Operations Command	DATE: February 2011
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APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE										
0400: <i>Research, Development, Test & Evaluation, Defense-Wide</i> BA 7: <i>Operational Systems Development</i>	PE 1160426BB: <i>Operations Advanced Seal Delivery System (ASDS) Development</i>										
COST (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
Total Program Element	3.485	-	-	-	-	-	-	-	-	0.000	3.485
S0418: <i>SO Advanced SEAL Delivery System Development</i>	3.485	-	-	-	-	-	-	-	-	0.000	3.485

A. Mission Description and Budget Item Justification

This program element provides for development, testing, and integration of specialized equipment for the Advanced SEAL Delivery System (ASDS). Specifically, this program element provides for the ASDS-1 Improvement Program with the goal of improving the performance to the required level and insertion of technologies to avoid obsolescence. The Improvement Program consisted of integration, testing and installation of reliability improvements resulting from a series of critical system reviews. Congressional add funding will complete studies and analysis of improved components for future systems.

B. Program Change Summary (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total
Previous President's Budget	3.485	-	-	-	-
Current President's Budget	3.485	-	-	-	-
Total Adjustments	-	-	-	-	-
• Congressional General Reductions		-			
• Congressional Directed Reductions		-			
• Congressional Rescissions	-	-			
• Congressional Adds		-			
• Congressional Directed Transfers		-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Other Adjustment	-	-	-	-	-

Congressional Add Details (\$ in Millions, and Includes General Reductions)

Project: S0418: *SO Advanced SEAL Delivery System Development*

Congressional Add: *Lithium-ion Battery Safety Detection and Control of Impending Failures*

Congressional Add: *Material, Design and Fabrication Solutions for Advanced SEAL Delivery System External Structural Components*

Congressional Add Subtotals for Project: S0418

Congressional Add Totals for all Projects

	FY 2010	FY 2011
	1.494	-
	1.991	-
	3.485	-
	3.485	-

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Exhibit R-2, RDT&E Budget Item Justification: PB 2012 United States Special Operations Command		DATE: February 2011
APPROPRIATION/BUDGET ACTIVITY 0400: <i>Research, Development, Test & Evaluation, Defense-Wide</i> BA 7: <i>Operational Systems Development</i>	R-1 ITEM NOMENCLATURE PE 1160426BB: <i>Operations Advanced Seal Delivery System (ASDS) Development</i>	
<p><u>Change Summary Explanation</u></p> <p>Funding:</p> <p style="margin-left: 20px;">FY 2010 None.</p> <p style="margin-left: 20px;">FY 2011 None.</p> <p style="margin-left: 20px;">FY 2012 None.</p> <p style="margin-left: 20px;">Schedule: None.</p> <p style="margin-left: 20px;">Technical: None.</p>		

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Exhibit R-2A, RDT&E Project Justification: PB 2012 United States Special Operations Command **DATE:** February 2011

APPROPRIATION/BUDGET ACTIVITY 0400: <i>Research, Development, Test & Evaluation, Defense-Wide</i> BA 7: <i>Operational Systems Development</i>	R-1 ITEM NOMENCLATURE PE 1160426BB: <i>Operations Advanced Seal Delivery System (ASDS) Development</i>	PROJECT S0418: <i>SO Advanced SEAL Delivery System Development</i>
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COST (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
S0418: <i>SO Advanced SEAL Delivery System Development</i>	3.485	-	-	-	-	-	-	-	-	0.000	3.485
Quantity of RDT&E Articles											

A. Mission Description and Budget Item Justification

This project provides for development, testing, and integration of specialized equipment for the Advanced SEAL Delivery System (ASDS). Specifically, this project provides for the ASDS-1 Improvement Program with the goal of improving the performance to the required level and insertion of technologies to avoid obsolescence. The Improvement Program consisted of integration, testing and installation of reliability improvements resulting from a series of critical system reviews. Congressional add funding will continue studies and analysis of improved components for future systems.

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2010	FY 2011
Congressional Add: Lithium-ion Battery Safety Detection and Control of Impending Failures	1.494	-
FY 2010 Accomplishments: Continued research and development of failure detection and control for an improved battery system.		
Congressional Add: Material, Design and Fabrication Solutions for Advanced SEAL Delivery System External Structural Components	1.991	-
FY 2010 Accomplishments: Performed research on improved materials and structural components for the hull system.		
Congressional Adds Subtotals	3.485	-

C. Other Program Funding Summary (\$ in Millions)

Line Item	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
• PROC1: <i>ADVANCED SEAL DELIVERY SYSTEM (ASDS)</i>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00

D. Acquisition Strategy

N/A

E. Performance Metrics

N/A

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