

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Navy									DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 6: RDT&E Management Support				R-1 ITEM NOMENCLATURE PE 0605502N: Small Business Innovative Research							
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
Total Program Element	402.074	1.593	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2,959.775
0000: UNDIST	16.534	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	56.686
1812: NAVAIR SBIR Program	143.618	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	787.815
1813: SPAWAR SBIR Program	41.573	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	173.566
1814: NAVSEA SBIR Program	61.464	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	437.228
1824: CMC SBIR Program	17.657	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	90.579
1862: SSPO SBIR Program	1.854	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	12.107
1863: NAVSUP SBIR Program	0.800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.781
1864: CNR SBIR Program	46.645	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	987.291
1865: SBIR Administration	4.613	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	19.019
2016: NAVFAC SBIR Program	0.800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.100
2204: Small Business Tech Transfer Program	20.056	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	224.465
2240: Navy Dual Use Technology Program	0.656	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.632
2241: SBIR ADMIN - SPAWAR	2.521	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	10.304
2242: SBIR ADMIN - NAVSEA	5.080	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	35.315
2243: SBIR ADMIN - NAVAIR	8.765	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	39.506
2244: SBIR ADMIN - NAVFAC	0.050	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.183
2245: SBIR ADMIN - NAVSUP	0.050	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.207
2248: SBIR ADMIN - SSPO	0.112	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.735

UNCLASSIFIED

R-1 Line Item #145

Page 1 of 33

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Navy									DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY				R-1 ITEM NOMENCLATURE							
1319: Research, Development, Test & Evaluation, Navy BA 6: RDT&E Management Support				PE 0605502N: Small Business Innovative Research							
2813: SBIR - NSMA	3.200	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.640
2814: SBIR ADMIN - NSMA	0.566	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.887
3201: SBIR CPP - NAVAIR	1.419	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.730
3202: SBIR CPP - SPAWAR	0.408	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.118
3203: SBIR CPP - NAVSEA	0.604	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.911
3204: SBIR CPP - MARINE CORPS	0.173	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.447
3205: SBIR CPP - ONR	1.593	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.667
3213: NAVAIR STTR Program	17.032	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	23.032
3231: SBIR Counterdrug	1.332	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.332
3233: SPAWAR STTR Program	2.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.500
9999: Congressional Adds	0.399	1.593	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.992

A. Mission Description and Budget Item Justification

The Small Business Research and Development Enhancement Act of 1992 as amended, (15 U.S.C. 638 paragraphs (f)(1-2), (n)(1-2)), and (y)(1) and (4) and reauthorization, The National Defense Authorization Act of 2010 (PL 110-235, Title VIII Secs. 847 and 848), requires "...each Federal agency that has an extramural budget for research or research and development, in excess of \$1,000,000,000..." "shall expend with small business concerns not less than the percentage of that extramural budget specified in subparagraph (B)..." in the case of paragraphs (f) and (n) and the services within the Department of Defense in the case of paragraph (y) for specific small business research initiatives. This Program Element is funded in accordance with these initiatives and The National Defense Authorization Act of 2010 (PL 110-235, Secs. 847 and 848)."

UNCLASSIFIED

R-1 Line Item #145

Page 2 of 33

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Navy				DATE: February 2010	
APPROPRIATION/BUDGET ACTIVITY		R-1 ITEM NOMENCLATURE			
1319: Research, Development, Test & Evaluation, Navy BA 6: RDT&E Management Support		PE 0605502N: Small Business Innovative Research			
B. Program Change Summary (\$ in Millions)					
	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Previous President's Budget	0.399	0.000	0.000	0.000	0.000
Current President's Budget	402.074	1.593	0.000	0.000	0.000
Total Adjustments	401.675	1.593	0.000	0.000	0.000
• Congressional General Reductions		-0.007			
• Congressional Directed Reductions		0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds		1.600			
• Congressional Directed Transfers		0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	401.676	0.000			
• Rate/Misc Adjustments	-0.001	0.000	0.000	0.000	0.000
Congressional Add Details (\$ in Millions, and Includes General Reductions)					
Project: 9999: Congressional Adds				FY 2009	FY 2010
Congressional Add: Wave Energy Harvesting for Buoy Applications				0.000	1.593
Congressional Add: Autonomous Power Management for Distributed Operat				0.399	0.000
Congressional Add Subtotals for Project: 9999				0.399	1.593
Congressional Add Totals for all Projects				0.399	1.593
Change Summary Explanation					
Technical: Not applicable.					
Schedule: Not applicable.					
FY11 from previous President's Budget is shown as zero because no FY11-15 data was presented in President's Budget 2010.					

UNCLASSIFIED

R-1 Line Item #145

Page 3 of 33

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy								DATE: February 2010			
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 6: <i>RDT&E Management Support</i>				R-1 ITEM NOMENCLATURE PE 0605502N: <i>Small Business Innovative Research</i>				PROJECT 0000: <i>UNDIST</i>			
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
0000: <i>UNDIST</i>	16.534	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	56.686
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
A. Mission Description and Budget Item Justification Supports the Navy Small Business Innovative Research Program.											
B. Accomplishments/Planned Program (\$ in Millions)											
							FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
UNDIST <i>FY 2009 Accomplishments:</i> The Navy program facilitated the use of small businesses to develop innovative Research and Development in addressing Navy needs. The successful implementation of various technologies developed enhanced Navy Platform and/or Weapon systems.							16.534	0.000	0.000	0.000	0.000
Accomplishments/Planned Programs Subtotals							16.534	0.000	0.000	0.000	0.000
C. Other Program Funding Summary (\$ in Millions) N/A											
D. Acquisition Strategy N/A											
E. Performance Metrics none											

UNCLASSIFIED

R-1 Line Item #145

Page 4 of 33

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy								DATE: February 2010			
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 6: <i>RDT&E Management Support</i>				R-1 ITEM NOMENCLATURE PE 0605502N: <i>Small Business Innovative Research</i>				PROJECT 1812: <i>NAVAIR SBIR Program</i>			
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
1812: <i>NAVAIR SBIR Program</i>	143.618	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	787.815
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
A. Mission Description and Budget Item Justification Supports the Navy Small Business Program.											
B. Accomplishments/Planned Program (\$ in Millions)											
							FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
NAVAIR SBIR PROGRAM <i>FY 2009 Accomplishments:</i> The Navy program facilitated the use of small businesses to develop innovative Research and Development in addressing Navy needs. The successful implementation of various technologies developed enhanced Navy Platform and/or Weapon systems.							143.618	0.000	0.000	0.000	0.000
Accomplishments/Planned Programs Subtotals							143.618	0.000	0.000	0.000	0.000
C. Other Program Funding Summary (\$ in Millions) N/A											
D. Acquisition Strategy N/A											
E. Performance Metrics none											

UNCLASSIFIED

R-1 Line Item #145

Page 5 of 33

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy								DATE: February 2010			
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 6: <i>RDT&E Management Support</i>				R-1 ITEM NOMENCLATURE PE 0605502N: <i>Small Business Innovative Research</i>				PROJECT 1813: <i>SPAWAR SBIR Program</i>			
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
1813: <i>SPAWAR SBIR Program</i>	41.573	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	173.566
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
A. Mission Description and Budget Item Justification Supports the Navy Small Business Innovative Research Program.											
B. Accomplishments/Planned Program (\$ in Millions)											
							FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
SPAWAR SBIR Program <i>FY 2009 Accomplishments:</i> The Navy program facilitated the use of small businesses to develop innovative Research and Development in addressing Navy needs. The successful implementation of various technologies developed enhanced Navy Platform and/or Weapon systems.							41.573	0.000	0.000	0.000	0.000
Accomplishments/Planned Programs Subtotals							41.573	0.000	0.000	0.000	0.000
C. Other Program Funding Summary (\$ in Millions) N/A											
D. Acquisition Strategy N/A											
E. Performance Metrics none											

UNCLASSIFIED

R-1 Line Item #145

Page 6 of 33

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy								DATE: February 2010			
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 6: <i>RDT&E Management Support</i>				R-1 ITEM NOMENCLATURE PE 0605502N: <i>Small Business Innovative Research</i>				PROJECT 1814: <i>NAVSEA SBIR Program</i>			
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
1814: <i>NAVSEA SBIR Program</i>	61.464	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	437.228
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
A. Mission Description and Budget Item Justification Supports the Navy Small Business Innovative Research Program.											
B. Accomplishments/Planned Program (\$ in Millions)											
							FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
NAVSEA SBIR Program <i>FY 2009 Accomplishments:</i> The Navy program facilitated the use of small businesses to develop innovative Research and Development in addressing Navy needs. The successful implementation of various technologies developed enhanced Navy Platform and/or Weapon systems.							61.464	0.000	0.000	0.000	0.000
Accomplishments/Planned Programs Subtotals							61.464	0.000	0.000	0.000	0.000
C. Other Program Funding Summary (\$ in Millions) N/A											
D. Acquisition Strategy N/A											
E. Performance Metrics none											

UNCLASSIFIED

R-1 Line Item #145

Page 7 of 33

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy								DATE: February 2010			
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 6: <i>RDT&E Management Support</i>				R-1 ITEM NOMENCLATURE PE 0605502N: <i>Small Business Innovative Research</i>				PROJECT 1824: <i>CMC SBIR Program</i>			
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
1824: <i>CMC SBIR Program</i>	17.657	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	90.579
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
A. Mission Description and Budget Item Justification Supports the Navy/Marine Small Business Innovative Research Program.											
B. Accomplishments/Planned Program (\$ in Millions)											
							FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
CMC SBIR Program <i>FY 2009 Accomplishments:</i> The Navy program facilitated the use of small businesses to develop innovative Research and Development in addressing Navy needs. The successful implementation of various technologies developed enhanced Navy Platform and/or Weapon systems.							17.657	0.000	0.000	0.000	0.000
Accomplishments/Planned Programs Subtotals							17.657	0.000	0.000	0.000	0.000
C. Other Program Funding Summary (\$ in Millions) N/A											
D. Acquisition Strategy N/A											
E. Performance Metrics none											

UNCLASSIFIED

R-1 Line Item #145

Page 8 of 33

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy								DATE: February 2010			
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 6: <i>RDT&E Management Support</i>				R-1 ITEM NOMENCLATURE PE 0605502N: <i>Small Business Innovative Research</i>				PROJECT 1862: <i>SSPO SBIR Program</i>			
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
1862: <i>SSPO SBIR Program</i>	1.854	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	12.107
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
A. Mission Description and Budget Item Justification Supports the Navy Small Business Innovative Research Program.											
B. Accomplishments/Planned Program (\$ in Millions)											
							FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
SSPO SBIR Program <i>FY 2009 Accomplishments:</i> The Navy program facilitated the use of small businesses to develop innovative Research and Development in addressing Navy needs. The successful implementation of various technologies developed enhanced Navy Platform and/or Weapon systems.							1.854	0.000	0.000	0.000	0.000
Accomplishments/Planned Programs Subtotals							1.854	0.000	0.000	0.000	0.000
C. Other Program Funding Summary (\$ in Millions) N/A											
D. Acquisition Strategy N/A											
E. Performance Metrics none											

UNCLASSIFIED

R-1 Line Item #145

Page 9 of 33

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy								DATE: February 2010			
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 6: <i>RDT&E Management Support</i>				R-1 ITEM NOMENCLATURE PE 0605502N: <i>Small Business Innovative Research</i>				PROJECT 1863: <i>NAVSUP SBIR Program</i>			
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
1863: <i>NAVSUP SBIR Program</i>	0.800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.781
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
A. Mission Description and Budget Item Justification Supports the Navy Small Business Innovative Research Program.											
B. Accomplishments/Planned Program (\$ in Millions)											
							FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
NAVSUP SBIR Program <i>FY 2009 Accomplishments:</i> The Navy program facilitated the use of small businesses to develop innovative Research and Development in addressing Navy needs. The successful implementation of various technologies developed enhanced Navy Platform and/or Weapon systems.							0.800	0.000	0.000	0.000	0.000
Accomplishments/Planned Programs Subtotals							0.800	0.000	0.000	0.000	0.000
C. Other Program Funding Summary (\$ in Millions) N/A											
D. Acquisition Strategy N/A											
E. Performance Metrics none											

UNCLASSIFIED

R-1 Line Item #145

Page 10 of 33

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy								DATE: February 2010			
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 6: <i>RDT&E Management Support</i>				R-1 ITEM NOMENCLATURE PE 0605502N: <i>Small Business Innovative Research</i>				PROJECT 1864: <i>CNR SBIR Program</i>			
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
1864: <i>CNR SBIR Program</i>	46.645	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	987.291
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
A. Mission Description and Budget Item Justification Supports the Navy Small Business Innovative Research Program.											
B. Accomplishments/Planned Program (\$ in Millions)											
							FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
CNR SBIR Program <i>FY 2009 Accomplishments:</i> The Navy program facilitated the use of small businesses to develop innovative Research and Development in addressing Navy needs. The successful implementation of various technologies developed enhanced Navy Platform and/or Weapon systems.							46.645	0.000	0.000	0.000	0.000
Accomplishments/Planned Programs Subtotals							46.645	0.000	0.000	0.000	0.000
C. Other Program Funding Summary (\$ in Millions) N/A											
D. Acquisition Strategy N/A											
E. Performance Metrics none											

UNCLASSIFIED

R-1 Line Item #145

Page 11 of 33

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy								DATE: February 2010			
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 6: <i>RDT&E Management Support</i>				R-1 ITEM NOMENCLATURE PE 0605502N: <i>Small Business Innovative Research</i>				PROJECT 1865: <i>SBIR Administration</i>			
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
1865: <i>SBIR Administration</i>	4.613	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	19.019
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
A. Mission Description and Budget Item Justification Administration support for the Navy Small Business Innovative Research Program.											
B. Accomplishments/Planned Program (\$ in Millions)											
							FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
SBIR Administration <i>FY 2009 Accomplishments:</i> N/A							4.613	0.000	0.000	0.000	0.000
Accomplishments/Planned Programs Subtotals							4.613	0.000	0.000	0.000	0.000
C. Other Program Funding Summary (\$ in Millions) N/A											
D. Acquisition Strategy N/A											
E. Performance Metrics none											

UNCLASSIFIED

R-1 Line Item #145

Page 12 of 33

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy								DATE: February 2010			
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 6: <i>RDT&E Management Support</i>				R-1 ITEM NOMENCLATURE PE 0605502N: <i>Small Business Innovative Research</i>				PROJECT 2016: <i>NAVFAC SBIR Program</i>			
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
2016: <i>NAVFAC SBIR Program</i>	0.800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.100
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
A. Mission Description and Budget Item Justification Supports the Navy Small Business Innovative Research Program.											
B. Accomplishments/Planned Program (\$ in Millions)											
							FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
NAVFAC SBIR Program <i>FY 2009 Accomplishments:</i> The Navy program facilitated the use of small businesses to develop innovative Research and Development in addressing Navy needs. The successful implementation of various technologies developed enhanced Navy Platform and/or Weapon systems.							0.800	0.000	0.000	0.000	0.000
Accomplishments/Planned Programs Subtotals							0.800	0.000	0.000	0.000	0.000
C. Other Program Funding Summary (\$ in Millions) N/A											
D. Acquisition Strategy N/A											
E. Performance Metrics none											

UNCLASSIFIED

R-1 Line Item #145

Page 13 of 33

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy								DATE: February 2010			
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 6: <i>RDT&E Management Support</i>				R-1 ITEM NOMENCLATURE PE 0605502N: <i>Small Business Innovative Research</i>				PROJECT 2204: <i>Small Business Tech Transfer Program</i>			
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
2204: <i>Small Business Tech Transfer Program</i>	20.056	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	224.465
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
A. Mission Description and Budget Item Justification Supports the Navy Small Business Technical Transfer Program.											
B. Accomplishments/Planned Program (\$ in Millions)											
							FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Small Business Tech Transfer Program <i>FY 2009 Accomplishments:</i> The Navy program facilitated the use of small businesses to develop innovative Research and Development in addressing Navy needs. The successful implementation of various technologies developed enhanced Navy Platform and/or Weapon systems.							20.056	0.000	0.000	0.000	0.000
Accomplishments/Planned Programs Subtotals							20.056	0.000	0.000	0.000	0.000
C. Other Program Funding Summary (\$ in Millions) N/A											
D. Acquisition Strategy N/A											
E. Performance Metrics none											

UNCLASSIFIED

R-1 Line Item #145

Page 14 of 33

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy								DATE: February 2010			
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 6: <i>RDT&E Management Support</i>				R-1 ITEM NOMENCLATURE PE 0605502N: <i>Small Business Innovative Research</i>				PROJECT 2240: <i>Navy Dual Use Technology Program</i>			
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
2240: <i>Navy Dual Use Technology Program</i>	0.656	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.632
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
A. Mission Description and Budget Item Justification Supports the Navy Dual Use Technology Program.											
B. Accomplishments/Planned Program (\$ in Millions)											
							FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Navy Dual Use Technology Program <i>FY 2009 Accomplishments:</i> The Navy program facilitated the use of small businesses to develop innovative Research and Development in addressing Navy needs. The successful implementation of various technologies developed enhanced Navy Platform and/or Weapon systems.							0.656	0.000	0.000	0.000	0.000
Accomplishments/Planned Programs Subtotals							0.656	0.000	0.000	0.000	0.000
C. Other Program Funding Summary (\$ in Millions) N/A											
D. Acquisition Strategy N/A											
E. Performance Metrics none											

UNCLASSIFIED

R-1 Line Item #145

Page 15 of 33

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy								DATE: February 2010			
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 6: <i>RDT&E Management Support</i>				R-1 ITEM NOMENCLATURE PE 0605502N: <i>Small Business Innovative Research</i>				PROJECT 2241: <i>SBIR ADMIN - SPAWAR</i>			
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
2241: <i>SBIR ADMIN - SPAWAR</i>	2.521	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	10.304
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
A. Mission Description and Budget Item Justification Administration support of the Navy Small Business Program.											
B. Accomplishments/Planned Program (\$ in Millions)											
							FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
SBIR ADMIN - SPAWAR <i>FY 2009 Accomplishments:</i> N/A							2.521	0.000	0.000	0.000	0.000
Accomplishments/Planned Programs Subtotals							2.521	0.000	0.000	0.000	0.000
C. Other Program Funding Summary (\$ in Millions) N/A											
D. Acquisition Strategy N/A											
E. Performance Metrics none											

UNCLASSIFIED

R-1 Line Item #145

Page 16 of 33

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy								DATE: February 2010			
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 6: <i>RDT&E Management Support</i>				R-1 ITEM NOMENCLATURE PE 0605502N: <i>Small Business Innovative Research</i>				PROJECT 2242: <i>SBIR ADMIN - NAVSEA</i>			
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
2242: <i>SBIR ADMIN - NAVSEA</i>	5.080	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	35.315
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
A. Mission Description and Budget Item Justification Administration support of the Navy Small Business Program.											
B. Accomplishments/Planned Program (\$ in Millions)											
							FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
SBIR ADMIN - NAVSEA <i>FY 2009 Accomplishments:</i> N/A							5.080	0.000	0.000	0.000	0.000
Accomplishments/Planned Programs Subtotals							5.080	0.000	0.000	0.000	0.000
C. Other Program Funding Summary (\$ in Millions) N/A											
D. Acquisition Strategy N/A											
E. Performance Metrics none											

UNCLASSIFIED

R-1 Line Item #145

Page 17 of 33

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy								DATE: February 2010			
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 6: <i>RDT&E Management Support</i>				R-1 ITEM NOMENCLATURE PE 0605502N: <i>Small Business Innovative Research</i>				PROJECT 2243: <i>SBIR ADMIN - NAVAIR</i>			
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
2243: <i>SBIR ADMIN - NAVAIR</i>	8.765	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	39.506
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
A. Mission Description and Budget Item Justification Administration support of the Navy Small Business Program.											
B. Accomplishments/Planned Program (\$ in Millions)											
							FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
SBIR ADMIN - NAVAIR <i>FY 2009 Accomplishments:</i> N/A							8.765	0.000	0.000	0.000	0.000
Accomplishments/Planned Programs Subtotals							8.765	0.000	0.000	0.000	0.000
C. Other Program Funding Summary (\$ in Millions) N/A											
D. Acquisition Strategy N/A											
E. Performance Metrics none											

UNCLASSIFIED

R-1 Line Item #145

Page 18 of 33

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy								DATE: February 2010			
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 6: <i>RDT&E Management Support</i>				R-1 ITEM NOMENCLATURE PE 0605502N: <i>Small Business Innovative Research</i>				PROJECT 2244: <i>SBIR ADMIN - NAVFAC</i>			
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
2244: <i>SBIR ADMIN - NAVFAC</i>	0.050	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.183
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
A. Mission Description and Budget Item Justification Administration support of the Navy Small Business Program.											
B. Accomplishments/Planned Program (\$ in Millions)											
							FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
SBIR ADMIN - NAVFAC <i>FY 2009 Accomplishments:</i> N/A							0.050	0.000	0.000	0.000	0.000
Accomplishments/Planned Programs Subtotals							0.050	0.000	0.000	0.000	0.000
C. Other Program Funding Summary (\$ in Millions) N/A											
D. Acquisition Strategy N/A											
E. Performance Metrics none											

UNCLASSIFIED

R-1 Line Item #145

Page 19 of 33

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy								DATE: February 2010			
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 6: <i>RDT&E Management Support</i>				R-1 ITEM NOMENCLATURE PE 0605502N: <i>Small Business Innovative Research</i>				PROJECT 2245: <i>SBIR ADMIN - NAVSUP</i>			
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
2245: <i>SBIR ADMIN - NAVSUP</i>	0.050	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.207
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
A. Mission Description and Budget Item Justification Administration support of the Navy Small Business Program.											
B. Accomplishments/Planned Program (\$ in Millions)											
							FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
SBIR ADMIN - NAVSUP <i>FY 2009 Accomplishments:</i> N/A							0.050	0.000	0.000	0.000	0.000
Accomplishments/Planned Programs Subtotals							0.050	0.000	0.000	0.000	0.000
C. Other Program Funding Summary (\$ in Millions) N/A											
D. Acquisition Strategy N/A											
E. Performance Metrics none											

UNCLASSIFIED

R-1 Line Item #145

Page 20 of 33

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy								DATE: February 2010			
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 6: <i>RDT&E Management Support</i>				R-1 ITEM NOMENCLATURE PE 0605502N: <i>Small Business Innovative Research</i>				PROJECT 2248: <i>SBIR ADMIN - SSPO</i>			
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
2248: <i>SBIR ADMIN - SSPO</i>	0.112	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.735
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
A. Mission Description and Budget Item Justification Administration support of the Navy Small Business Program.											
B. Accomplishments/Planned Program (\$ in Millions)											
							FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
SBIR ADMIN - SSPO <i>FY 2009 Accomplishments:</i> N/A							0.112	0.000	0.000	0.000	0.000
Accomplishments/Planned Programs Subtotals							0.112	0.000	0.000	0.000	0.000
C. Other Program Funding Summary (\$ in Millions) N/A											
D. Acquisition Strategy N/A											
E. Performance Metrics none											

UNCLASSIFIED

R-1 Line Item #145

Page 21 of 33

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy								DATE: February 2010			
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 6: <i>RDT&E Management Support</i>				R-1 ITEM NOMENCLATURE PE 0605502N: <i>Small Business Innovative Research</i>				PROJECT 2813: <i>SBIR - NSMA</i>			
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
2813: <i>SBIR - NSMA</i>	3.200	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	29.640
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
A. Mission Description and Budget Item Justification Supports the Navy Small Business Innovative Research Program.											
B. Accomplishments/Planned Program (\$ in Millions)											
							FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
SBIR - NSMA <i>FY 2009 Accomplishments:</i> The Navy program facilitated the use of small businesses to develop innovative Research and Development in addressing Navy needs. The successful implementation of various technologies developed enhanced Navy Platform and/or Weapon systems.							3.200	0.000	0.000	0.000	0.000
Accomplishments/Planned Programs Subtotals							3.200	0.000	0.000	0.000	0.000
C. Other Program Funding Summary (\$ in Millions) N/A											
D. Acquisition Strategy N/A											
E. Performance Metrics none											

UNCLASSIFIED

R-1 Line Item #145

Page 22 of 33

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy								DATE: February 2010			
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 6: <i>RDT&E Management Support</i>				R-1 ITEM NOMENCLATURE PE 0605502N: <i>Small Business Innovative Research</i>				PROJECT 2814: <i>SBIR ADMIN - NSMA</i>			
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
2814: <i>SBIR ADMIN - NSMA</i>	0.566	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.887
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
A. Mission Description and Budget Item Justification Administration support for the Navy Small Business Innovative Research Program.											
B. Accomplishments/Planned Program (\$ in Millions)											
							FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
SBIR ADMIN - NSMA <i>FY 2009 Accomplishments:</i> N/A							0.566	0.000	0.000	0.000	0.000
Accomplishments/Planned Programs Subtotals							0.566	0.000	0.000	0.000	0.000
C. Other Program Funding Summary (\$ in Millions) N/A											
D. Acquisition Strategy N/A											
E. Performance Metrics none											

UNCLASSIFIED

R-1 Line Item #145

Page 23 of 33

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy								DATE: February 2010			
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 6: <i>RDT&E Management Support</i>				R-1 ITEM NOMENCLATURE PE 0605502N: <i>Small Business Innovative Research</i>				PROJECT 3201: <i>SBIR CPP - NAVAIR</i>			
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
3201: <i>SBIR CPP - NAVAIR</i>	1.419	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.730
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
A. Mission Description and Budget Item Justification Supports the Navy Small Business Innovative Research Program's Commercialization Pilot Program.											
B. Accomplishments/Planned Program (\$ in Millions)											
							FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
SBIR CPP - NAVAIR <i>FY 2009 Accomplishments:</i> The Navy program facilitated the use of small businesses to develop innovative Research and Development in addressing Navy needs. The successful implementation of various technologies developed enhanced Navy Platform and/or Weapon systems.							1.419	0.000	0.000	0.000	0.000
Accomplishments/Planned Programs Subtotals							1.419	0.000	0.000	0.000	0.000
C. Other Program Funding Summary (\$ in Millions) N/A											
D. Acquisition Strategy N/A											
E. Performance Metrics none											

UNCLASSIFIED

R-1 Line Item #145

Page 24 of 33

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy								DATE: February 2010			
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 6: <i>RDT&E Management Support</i>				R-1 ITEM NOMENCLATURE PE 0605502N: <i>Small Business Innovative Research</i>				PROJECT 3202: <i>SBIR CPP - SPAWAR</i>			
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
3202: <i>SBIR CPP - SPAWAR</i>	0.408	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.118
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
A. Mission Description and Budget Item Justification Supports the Navy Small Business Innovative Research Program's Commercialization Pilot Program.											
B. Accomplishments/Planned Program (\$ in Millions)											
							FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
SBIR CPP - SPAWAR <i>FY 2009 Accomplishments:</i> The Navy program facilitated the use of small businesses to develop innovative Research and Development in addressing Navy needs. The successful implementation of various technologies developed enhanced Navy Platform and/or Weapon systems.							0.408	0.000	0.000	0.000	0.000
Accomplishments/Planned Programs Subtotals							0.408	0.000	0.000	0.000	0.000
C. Other Program Funding Summary (\$ in Millions) N/A											
D. Acquisition Strategy N/A											
E. Performance Metrics none											

UNCLASSIFIED

R-1 Line Item #145

Page 25 of 33

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy								DATE: February 2010			
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 6: <i>RDT&E Management Support</i>				R-1 ITEM NOMENCLATURE PE 0605502N: <i>Small Business Innovative Research</i>				PROJECT 3203: <i>SBIR CPP - NAVSEA</i>			
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
3203: <i>SBIR CPP - NAVSEA</i>	0.604	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.911
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
A. Mission Description and Budget Item Justification Supports the Navy Small Business Innovative Research Program's Commercialization Pilot Program.											
B. Accomplishments/Planned Program (\$ in Millions)											
							FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
SBIR CPP - NAVSEA <i>FY 2009 Accomplishments:</i> The Navy program facilitated the use of small businesses to develop innovative Research and Development in addressing Navy needs. The successful implementation of various technologies developed enhanced Navy Platform and/or Weapon systems.							0.604	0.000	0.000	0.000	0.000
Accomplishments/Planned Programs Subtotals							0.604	0.000	0.000	0.000	0.000
C. Other Program Funding Summary (\$ in Millions) N/A											
D. Acquisition Strategy N/A											
E. Performance Metrics none											

UNCLASSIFIED

R-1 Line Item #145

Page 26 of 33

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy								DATE: February 2010			
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 6: <i>RDT&E Management Support</i>				R-1 ITEM NOMENCLATURE PE 0605502N: <i>Small Business Innovative Research</i>				PROJECT 3204: <i>SBIR CPP - MARINE CORPS</i>			
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
3204: <i>SBIR CPP - MARINE CORPS</i>	0.173	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.447
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
A. Mission Description and Budget Item Justification Supports the Navy Small Business Innovative Research Program's Commercialization Pilot Program.											
B. Accomplishments/Planned Program (\$ in Millions)											
							FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
SBIR CPP - MARINE CORPS <i>FY 2009 Accomplishments:</i> The Navy program facilitated the use of small businesses to develop innovative Research and Development in addressing Navy needs. The successful implementation of various technologies developed enhanced Navy Platform and/or Weapon systems.							0.173	0.000	0.000	0.000	0.000
Accomplishments/Planned Programs Subtotals							0.173	0.000	0.000	0.000	0.000
C. Other Program Funding Summary (\$ in Millions) N/A											
D. Acquisition Strategy N/A											
E. Performance Metrics none											

UNCLASSIFIED

R-1 Line Item #145

Page 27 of 33

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy								DATE: February 2010			
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 6: <i>RDT&E Management Support</i>				R-1 ITEM NOMENCLATURE PE 0605502N: <i>Small Business Innovative Research</i>				PROJECT 3205: <i>SBIR CPP - ONR</i>			
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
3205: <i>SBIR CPP - ONR</i>	1.593	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.667
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
A. Mission Description and Budget Item Justification Supports the Navy Small Business Innovative Research Program's Commercialization Pilot Program.											
B. Accomplishments/Planned Program (\$ in Millions)											
							FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
SBIR CPP - ONR <i>FY 2009 Accomplishments:</i> The Navy program facilitated the use of small businesses to develop innovative Research and Development in addressing Navy needs. The successful implementation of various technologies developed enhanced Navy Platform and/or Weapon systems.							1.593	0.000	0.000	0.000	0.000
Accomplishments/Planned Programs Subtotals							1.593	0.000	0.000	0.000	0.000
C. Other Program Funding Summary (\$ in Millions) N/A											
D. Acquisition Strategy N/A											
E. Performance Metrics none											

UNCLASSIFIED

R-1 Line Item #145

Page 28 of 33

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy								DATE: February 2010			
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 6: <i>RDT&E Management Support</i>				R-1 ITEM NOMENCLATURE PE 0605502N: <i>Small Business Innovative Research</i>				PROJECT 3213: <i>NAVAIR STTR Program</i>			
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
3213: <i>NAVAIR STTR Program</i>	17.032	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	23.032
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
A. Mission Description and Budget Item Justification Supports the Navy Small Business Innovative Research Program.											
B. Accomplishments/Planned Program (\$ in Millions)											
							FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
NAVAIR STTR Program <i>FY 2009 Accomplishments:</i> The Navy program facilitated the use of small businesses to develop innovative Research and Development in addressing Navy needs. The successful implementation of various technologies developed enhanced Navy Platform and/or Weapon systems.							17.032	0.000	0.000	0.000	0.000
Accomplishments/Planned Programs Subtotals							17.032	0.000	0.000	0.000	0.000
C. Other Program Funding Summary (\$ in Millions) N/A											
D. Acquisition Strategy N/A											
E. Performance Metrics none											

UNCLASSIFIED

R-1 Line Item #145

Page 29 of 33

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy								DATE: February 2010			
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 6: <i>RDT&E Management Support</i>				R-1 ITEM NOMENCLATURE PE 0605502N: <i>Small Business Innovative Research</i>				PROJECT 3231: <i>SBIR Counterdrug</i>			
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
3231: <i>SBIR Counterdrug</i>	1.332	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.332
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
A. Mission Description and Budget Item Justification Supports the Navy Small Business Innovative Research Program.											
B. Accomplishments/Planned Program (\$ in Millions)											
							FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
SBIR Counterdrug <i>FY 2009 Accomplishments:</i> The Navy program facilitated the use of small businesses to develop innovative Research and Development in addressing Navy needs. The successful implementation of various technologies developed enhanced Navy Platform and/or Weapon systems.							1.332	0.000	0.000	0.000	0.000
Accomplishments/Planned Programs Subtotals							1.332	0.000	0.000	0.000	0.000
C. Other Program Funding Summary (\$ in Millions) N/A											
D. Acquisition Strategy N/A											
E. Performance Metrics none											

UNCLASSIFIED

R-1 Line Item #145

Page 30 of 33

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy								DATE: February 2010			
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 6: <i>RDT&E Management Support</i>				R-1 ITEM NOMENCLATURE PE 0605502N: <i>Small Business Innovative Research</i>				PROJECT 3233: <i>SPAWAR STTR Program</i>			
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
3233: <i>SPAWAR STTR Program</i>	2.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.500
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
A. Mission Description and Budget Item Justification Supports the Navy Small Business Innovative Research Program.											
B. Accomplishments/Planned Program (\$ in Millions)											
							FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
SPAWAR STTR Program <i>FY 2009 Accomplishments:</i> The Navy program facilitated the use of small businesses to develop innovative Research and Development in addressing Navy needs. The successful implementation of various technologies developed enhanced Navy Platform and/or Weapon systems.							2.500	0.000	0.000	0.000	0.000
Accomplishments/Planned Programs Subtotals							2.500	0.000	0.000	0.000	0.000
C. Other Program Funding Summary (\$ in Millions) N/A											
D. Acquisition Strategy N/A											
E. Performance Metrics none											

UNCLASSIFIED

R-1 Line Item #145

Page 31 of 33

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy								DATE: February 2010			
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 6: <i>RDT&E Management Support</i>				R-1 ITEM NOMENCLATURE PE 0605502N: <i>Small Business Innovative Research</i>				PROJECT 9999: <i>Congressional Adds</i>			
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
9999: <i>Congressional Adds</i>	0.399	1.593	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.992
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
A. Mission Description and Budget Item Justification Congressional Interest Items not included in other Projects.											
B. Accomplishments/Planned Program (\$ in Millions)											
							FY 2009	FY 2010			
Congressional Add: Wave Energy Harvesting for Buoy Applications <i>FY 2010 Plans:</i> This effort supports Wave Energy Harvesting for Buoy Applications research.							0.000	1.593			
Congressional Add: Autonomous Power Management for Distributed Operat <i>FY 2009 Accomplishments:</i> This effort supported Autonomous Power Management for Distributed Operation research.							0.399	0.000			
Congressional Adds Subtotals							0.399	1.593			
C. Other Program Funding Summary (\$ in Millions) N/A											
D. Acquisition Strategy N/A											

UNCLASSIFIED

R-1 Line Item #145

Page 32 of 33

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy		DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 6: <i>RDT&E Management Support</i>	R-1 ITEM NOMENCLATURE PE 0605502N: <i>Small Business Innovative Research</i>	PROJECT 9999: <i>Congressional Adds</i>
<u>E. Performance Metrics</u> none		

UNCLASSIFIED