Exhibit R-2, RDT&E Budget Item Justification: PB 2013 Navy

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

**DATE:** February 2012

COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
Total Program Element	320.547	0.010	-	-	-	-	-	-	-	0.000	320.557
0000: <i>UNDIST</i>	1.881	-	-	-	-	-	-	-	-	0.000	1.881
1812: NAVAIR SBIR Program	89.500	-	-	-	-	-	-	-	-	0.000	89.500
1813: SPAWAR SBIR Program	33.134	-	-	-	-	-	-	-	-	0.000	33.134
1814: NAVSEA SBIR Program	55.067	-	-	-	-	-	-	-	-	0.000	55.067
1824: CMC SBIR Program	13.733	-	-	-	-	-	-	-	-	0.000	13.733
1862: SSPO SBIR Program	1.879	-	-	-	-	-	-	-	-	0.000	1.879
1863: NAVSUP SBIR Program	1.200	-	-	-	-	_	_	-	-	0.000	1.200
1864: CNR SBIR Program	61.934	-	-	-	-	-	-	-	-	0.000	61.934
1865: SBIR Administration	4.440	-	-	-	-	-	-	-	-	0.000	4.440
2016: NAVFAC SBIR Program	0.800	-	-	-	-	-	-	-	-	0.000	0.800
2204: Small Business Tech Transfer Program	19.004	-	-	-	-	-	-	-	-	0.000	19.004
2240: Navy Dual Use Technology Program	0.857	-	-	-	-	-	-	-	-	0.000	0.857
2241: SBIR ADMIN - SPAWAR	2.067	-	-	-	-	-	-	-	-	0.000	2.067
2242: SBIR ADMIN - NAVSEA	4.942	0.010	-	-	-	-	-	-	-	0.000	4.952
2243: SBIR ADMIN - NAVAIR	6.211	-	-	-	-	-	-	-	-	0.000	6.211
2244: SBIR ADMIN - NAVFAC	0.040	-	-	-	-	-	-	-	-	0.000	0.040
2245: SBIR ADMIN - NAVSUP	0.050	-	-	-	-	-	-	-	-	0.000	0.050
2248: SBIR ADMIN - SSPO	0.117	-	-	-	-	-	-	-	-	0.000	0.117
2813: <i>SBIR - NSMA</i>	7.230	-	-	-	-	-	-	-	-	0.000	7.230
2814: SBIR ADMIN - NSMA	0.470	-	-	-	-	-	-	-	-	0.000	0.470
3201: SBIR CPP - NAVAIR	0.991	-	-	-	-	-	-	-	-	0.000	0.991
3202: SBIR CPP - SPAWAR	0.329	-	-	-	-	-	-	-	-	0.000	0.329
3203: SBIR CPP - NAVSEA	0.592	-	-	-	-	-	-	-	-	0.000	0.592

PE 0605502N: Small Business Innovative Research Navy

UNCLASSIFIED
Page 1 of 41

Exhibit R-2, RDT&E Budget Item Justification: PB 2013 Navy								DATE: February 2012			
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								
3204: SBIR CPP - MARINE CORPS	0.137	-	-	-	-	-	-	-	-	0.000	0.137
3205: SBIR CPP - ONR	0.622	-	-	_	-	_	-	-	-	0.000	0.622
3213: NAVAIR STTR Program	11.804	-	-	-	-	-	-	-	-	0.000	11.804
3231: SBIR Counterdrug	0.266	-	-	-	-	-	-	-	-	0.000	0.266
3233: SPAWAR STTR Program	1.250	-	-	-	-	-	-	-	-	0.000	1.250

#### A. Mission Description and Budget Item Justification

The Small Business Research and Development Enhancement Act of 1992 as amended (15 U.S.C. 638) requires the each Federal agency that has an extramural budget for R/R&D in excess of \$100,000,000 must participate, shall expend with small business concerns (SBC) not less than 2.5% for specific small business research initiatives awarded through a Small Business Innovation Research (SBIR) solicitation and .3% under the Small Business Technology Transfer (STTR) program.

B. Program Change Summary (\$ in Millions)	FY 2011	FY 2012	<b>FY 2013 Base</b>	FY 2013 OCO	FY 2013 Total
Previous President's Budget	-	0.010	0.015	-	0.015
Current President's Budget	320.547	0.010	-	-	-
Total Adjustments	320.547	-	-0.015	-	-0.015
<ul> <li>Congressional General Reductions</li> </ul>	-	-			
<ul> <li>Congressional Directed Reductions</li> </ul>	-	-			
<ul> <li>Congressional Rescissions</li> </ul>	-	-			
<ul> <li>Congressional Adds</li> </ul>	-	-			
<ul> <li>Congressional Directed Transfers</li> </ul>	-	-			
<ul> <li>Reprogrammings</li> </ul>	-	-			
SBIR/STTR Transfer	320.546	-			
<ul> <li>Program Adjustments</li> </ul>	-	-	-0.015	-	-0.015
<ul> <li>Rate/Misc Adjustments</li> </ul>	0.001	-	-	-	-

## **Change Summary Explanation**

Technical: Not applicable.

Schedule: Not applicable.

**UNCLASSIFIED** 

Navy Page 2 of 41 R-1 Line #152

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APPROPRIATION/BUDGET ACTIVITY R					IOMENCLA <sup>*</sup>	TURE		PROJECT			
1319: Research, Development, Tes	t & Evaluation	n, Navy		PE 060550	2N: Small Bu	usiness Inno	vative	0000: UNDIST			
BA 6: RDT&E Management Suppor	t			Research							
COST (\$ in Millions)			FY 2013	FY 2013	FY 2013					Cost To	
COST (\$ in Millions)	FY 2011	FY 2012	Base	se OCO Total FY 2014 FY 2015 FY 2016				FY 2017	Complete	Total Cost	
OOOO, LINDICT	4 004									0.000	4 004

COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
0000: <i>UNDIST</i>	1.881	-	-	-	-	-	-	-	-	0.000	1.881
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

#### A. Mission Description and Budget Item Justification

Exhibit R-2A RDT&E Project Justification: PB 2013 Navv

The Small Business Research and Development Enhancement Act of 1992 as amended (15 U.S.C. 638) requires the each Federal agency that has an extramural budget for R/R&D in excess of \$100,000,000 must participate, shall expend with small business concerns (SBC) not less than 2.5% for specific small business research initiatives awarded through a Small Business Innovation Research (SBIR) solicitation and .3% under the Small Business Technology Transfer (STTR) program. ONR program funds research which address the needs and mission of our command and has the potential to transition into follow on FNC, RDT&E and procurement activities.

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2011	FY 2012	FY 2013
Title: UNDIST	1.881	-	-
Articles:	0		
FY 2011 Accomplishments:			
N/A			
Accomplishments/Planned Programs Subtotals	1.881	-	-

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

N/A

## D. Acquisition Strategy

N/A

Navy

#### **E. Performance Metrics**

NONE

PE 0605502N: Small Business Innovative Research

**UNCLASSIFIED** Page 3 of 41

R-1 Line #152

**DATE:** February 2012

Exhibit R-2A, RDT&E Project Justification: PB 2013 Navy										ruary 2012	
APPROPRIATION/BUDGET ACTIV 1319: Research, Development, Tes BA 6: RDT&E Management Suppor	t & Evaluatio	n, Navy		R-1 ITEM NOMENCLATURE PE 0605502N: Small Business Innovative Research				PROJECT 1812: NAVAIR SBIR Program			
COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
1812: NAVAIR SBIR Program	89.500	-	-	-	-	-	-	-	-	0.000	89.500
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

## A. Mission Description and Budget Item Justification

The Small Business Research and Development Enhancement Act of 1992 as amended (15 U.S.C. 638) requires the each Federal agency that has an extramural budget for R/R&D in excess of \$100,000,000 must participate, shall expend with small business concerns (SBC) not less than 2.5% for specific small business research initiatives awarded through a Small Business Innovation Research (SBIR) solicitation and .3% under the Small Business Technology Transfer (STTR) program.

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2011	FY 2012	FY 2013
Title: Phase I Feasibility	12.300	-	-
Articles:	0		
FY 2011 Accomplishments:			
Phase I Feasibility:			
Phase I awards determined the scientific and technical merit and feasibility of the proposed effort and quality of performance by			
the			
small business concerns (SBC).			
Title: Phase II Technology Development	77.200	-	-
Articles:	0		
FY 2011 Accomplishments:			
Phase II Technology Development:			
Phase II awards are based on the SBC's Phase I results and potential of the Phase II proposal to address the Navy's needs.			
These awards further			
developed the technology, maturing the Technology Readiness Level(TRL) and providing prototypes or other sources validating the technology.			
Accomplishments/Planned Programs Subtotals	89.500	-	-

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

N/A

# D. Acquisition Strategy

N/A

Navy

PE 0605502N: Small Business Innovative Research

UNCLASSIFIED
Page 4 of 41

Exhibit R-2A, RDT&E Project Justification: PB 2013 Navy	DATE: February 2012	
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	PROJECT 1812: NAVAIR SBIR Program
E. Performance Metrics NONE		

PE 0605502N: Small Business Innovative Research Navy

Exhibit R-2A, RDT&E Project Just	stification: PE	3 2013 Navy	′						<b>DATE</b> : Feb	ruary 2012	
APPROPRIATION/BUDGET ACTI 1319: Research, Development, Tes BA 6: RDT&E Management Suppo	st & Evaluatio	n, Navy		R-1 ITEM NOMENCLATURE PE 0605502N: Small Business Innovative Research				PROJECT 1813: SPAWAR SBIR Program			
COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
1813: SPAWAR SBIR Program	33.134	-	-	-	-	_	-	-	_	0.000	33.134
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

#### A. Mission Description and Budget Item Justification

PE 0605502N: Small Business Innovative Research

The Small Business Research and Development Enhancement Act of 1992 as amended (15 U.S.C. 638) requires that each Federal agency that has an extramural budget for R/R&D in excess of \$100,000,000 must participate, shall expend with small business concerns (SBC) not less than 2.5% for specific small business research initiatives awarded through a Small Business Innovation Research (SBIR) solicitation and 0.3% under the Small Business Technology Transfer (STTR) program. The SPAWAR SBIR program funds research that addresses the needs and mission of our command and has the potential to transition into follow-on RDT&E and procurement activities.

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2011	FY 2012	FY 2013
Title: SPAWAR SBIR Program	33.134	=	-
Articles:	0		
FY 2011 Accomplishments:			
Phase I Feasibility			
The purpose of Phase I is to determine the scientific and technical merit and feasibility of the proposed effort and quality of performance by the small business concerns (SBC). SPAWAR made 36 Phase I awards and 19 Phase I Option awards in FY 2011 valued at \$3,143,017.			
Phase II Technology Development			
Phase II awards are based on the SBC's Phase I results and potential of the Phase II proposal to address the Navy's needs.			
These awards further develop the technology, maturing the TRL and providing prototypes or other sources validating the technology. SPAWAR made 31 Phase II, 28 Phase II Option, and 14 Phase II.5 SBIR awards in FY 2011 valued at \$35,657,421			
Phase III - Since the DOD started tracking DOD Phase III contract awards in 2000, the Navy continues annually to award more			
in Phase III contracts then the rest of the DOD combined and continues to be called out in studies and Congressional language			
as the premier Department of Defense(DoD)SBIR program. Although no government SBIR funds are involved, phase III funding			
can come from the government and/or private sector. The target is to transition a company's SBIR effort into products, tools			
or services that benefit the Navy acquisition community. One important strength of the SBIR program is that once a company			
has received a Phase I award the follow-on Phase II and III awards can be awarded in a non competitive process since the			
competitive process took place under phase I.			
Accomplishments/Planned Programs Subtotals	33.134	-	-

**UNCLASSIFIED** 

Page 6 of 41 R-1 Line #152 Navy

Exhibit R-2A, RDT&E Project Justification: PB 2013 Navy		DATE: February 2012	
APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	<b>PROJECT</b>	
1319: Research, Development, Test & Evaluation, Navy	PE 0605502N: Small Business Innovative	1813: <i>SPAV</i>	VAR SBIR Program
BA 6: RDT&E Management Support	Research		

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

N/A

# D. Acquisition Strategy

N/A

## E. Performance Metrics

Not Applicable

PE 0605502N: Small Business Innovative Research Navy

Exhibit R-2A, RDT&E Project Ju	stification: Pl	3 2013 Navy	,						DATE: Febr	ruary 2012	
APPROPRIATION/BUDGET ACT 1319: Research, Development, Te BA 6: RDT&E Management Suppo	st & Evaluatio	n, Navy						PROJECT 1814: NAVSEA SBIR Program			
COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
1814: NAVSEA SBIR Program	55.067	-	-	-	-	-	-	_	-	0.000	55.067
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

## A. Mission Description and Budget Item Justification

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)

The Small Business Research and Development Enhancement Act of 1992 as amended (15 U.S.C. 638) requires the each Federal agency that has an extramural budget for R/R&D in excess of \$100,000,000 must participate, shall expend with small business concerns (SBC) not less than 2.5% for specific small business research initiatives awarded through a Small Business Innovation Research (SBIR) solicitation and .3% under the Small Business Technology Transfer (STTR) program.

	1 1 2011	1 1 2012	1 1 2010
Title: NAVSEA SBIR Program	55.067	-	-
Articles:	0		
FY 2011 Accomplishments:			
Phase I Feasibility:			
Phase I awards determined the scientific and technical merit and feasibility of the proposed effort and quality of performance by			
the small business concerns (SBC).			
Phase II Technology Development:			
Phase II awards are based on the SBC's Phase I results and potential of the Phase II proposal to address the Navy's needs.			
These awards further			
developed the technology, maturing the Technology Readiness Level(TRL) and providing prototypes or other sources validating the technology.			
Phase III - Since the DOD started tracking DOD Phase III contract awards in 2000, the Navy continues annually to award more			
in Phase III contracts then the rest of the DOD combined and continues to be called out in studies and Congressional language			
as the premier Department of Defense(DoD)SBIR program. Although no government SBIR funds are involved, phase III funding			
can come from the government and/or private sector. The target is to transition a company's SBIR effort into products, tools			
or services that benefit the Navy acquisition community. One important strength of the SBIR program is that once a company has received a Phase I award the follow-on Phase II and III awards can be awarded in a non competitive process since the			
competitive process took place under phase I.			
Accomplishments/Planned Programs Subtotals	55.067	-	-

**UNCLASSIFIED** 

FY 2011

FY 2012

FY 2013

Exhibit R-2A, RDT&E Project Justification: PB 2013 Navy	<b>DATE:</b> February 2012		
		PROJECT 1814: NAVS	SEA SBIR Program
BA 6: RDT&E Management Support	Research		Ç

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

N/A

# D. Acquisition Strategy

N/A

## **E. Performance Metrics**

Not Applicable

PE 0605502N: Small Business Innovative Research Navy

FY 2011

FY 2012

FY 2013

Exhibit R-2A, RDT&E Project Justification: PB 2013 Navy									DATE: Feb	ruary 2012	
APPROPRIATION/BUDGET ACTIV 1319: Research, Development, Tes BA 6: RDT&E Management Suppor	t & Evaluation	n, Navy						PROJECT 1824: CMC SBIR Program			
COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
1824: CMC SBIR Program	13.733	-	-	-	-	-	-	-	-	0.000	13.733
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

## A. Mission Description and Budget Item Justification

PE 0605502N: Small Business Innovative Research

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)

The Small Business Research and Development Enhancement Act of 1992 as amended (15 U.S.C. 638) requires the each Federal agency that has an extramural budget for R/R&D in excess of \$100,000,000 must participate, shall expend with small business concerns (SBC) not less than 2.5% for specific small business research initiatives awarded through a Small Business Innovation Research (SBIR) solicitation and .3% under the Small Business Technology Transfer (STTR) program.

<del>• • • • • • • • • • • • • • • • • • • </del>			
Title: CMC SBIR Program  Articles:	13.733 0	-	-
FY 2011 Accomplishments:  Phase I Feasibility:  Phase I awards determined the scientific and technical merit and feasibility of the proposed effort and quality of performance by the small business concerns (SBC).	· ·		
Phase II Technology Development: Phase II awards are based on the SBC's Phase I results and potential of the Phase II proposal to address the Navy's needs. These awards further developed the technology, maturing the Technology Readiness Level(TRL) and providing prototypes or other sources validating the technology.			
Phase III - Since the DOD started tracking DOD Phase III contract awards in 2000, the Navy continues annually to award more in Phase III contracts then the rest of the DOD combined and continues to be called out in studies and Congressional language as the premier Department of Defense(DoD)SBIR program. Although no government SBIR funds are involved, phase III funding can come from the government and/or private sector. The target is to transition a company's SBIR effort into products, tools or services that benefit the Navy acquisition community. One important strength of the SBIR program is that once a company has received a Phase I award the follow-on Phase II and III awards can be awarded in a non competitive process since the competitive process took place under phase I.			
Accomplishments/Planned Programs Subtotals	13.733	-	-

**UNCLASSIFIED** 

Navy Page 10 of 41 R-1 Line #152

Exhibit R-2A, RDT&E Project Justification: PB 2013 Navy	DATE: February 2012		
		PROJECT	SBIR Program
BA 6: RDT&E Management Support	Research	1021.07110	

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

N/A

# D. Acquisition Strategy

N/A

## **E. Performance Metrics**

Not Applicable

PE 0605502N: Small Business Innovative Research Navy

Exhibit R-2A, RDT&E Project Justification: PB 2013 Navy									DATE: Febr	uary 2012	
	PPROPRIATION/BUDGET ACTIVITY R-1 ITEM NOMENCLATURE PROJECT										
1319: Research, Development, Te BA 6: RDT&E Management Suppo		n, Navy		PE 0605502N: Small Business Innovative Research 1862: SSPO SBIR Program			1862: SSPO SBIR Program				
COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
1862: SSPO SBIR Program	1.879	-	-	-	-	-	-	-	-	0.000	1.879
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

#### A. Mission Description and Budget Item Justification

PE 0605502N: Small Business Innovative Research

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)

The Small Business Research and Development Enhancement Act of 1992 as amended (15 U.S.C. 638) requires the each Federal agency that has an extramural budget for R/R&D in excess of \$100,000,000 must participate, shall expend with small business concerns (SBC) not less than 2.5% for specific small business research initiatives awarded through a Small Business Innovation Research (SBIR) solicitation and .3% under the Small Business Technology Transfer (STTR) program.

FY 2011

FY 2012

FY 2013

217.100011.011.011.011.01.01.01.01.01.01.01	1 1 2011	1 1 2012	1 1 2010
Title: SBIR Program	1.879	-	-
Articles:	0		
FY 2011 Accomplishments:			
Phase I Feasibility:			
Phase I awards determined the scientific and technical merit and feasibility of the proposed effort and quality of performance by			
the			
small business concerns (SBC).			
Phase II Technology Development:			
Phase II awards are based on the SBC's Phase I results and potential of the Phase II proposal to address the Navy's needs.			
These awards further			
developed the technology, maturing the Technology Readiness Level(TRL) and providing prototypes or other sources validating			
the technology.			
Phase III - Since the DOD started tracking DOD Phase III contract awards in 2000, the Navy continues annually to award more			
in Phase III contracts then the rest of the DOD combined and continues to be called out in studies and Congressional language			
as the premier Department of Defense(DoD)SBIR program. Although no government SBIR funds are involved, phase III funding			
can come from the government and/or private sector. The target is to transition a company's SBIR effort into products, tools			
or services that benefit the Navy acquisition community. One important strength of the SBIR program is that once a company			
has received a Phase I award the follow-on Phase II and III awards can be awarded in a non competitive process since the			
competitive process took place under phase I.			
Accomplishments/Planned Programs Subtotals	1.879	-	_

**UNCLASSIFIED** 

Navy Page 12 of 41 R-1 Line #152

Exhibit R-2A, RDT&E Project Justification: PB 2013 Navy			<b>DATE:</b> February 2012
APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	PROJECT	
1319: Research, Development, Test & Evaluation, Navy	PE 0605502N: Small Business Innovative	1862: <i>SSP</i> (	O SBIR Program
BA 6: RDT&E Management Support	Research		

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

N/A

# D. Acquisition Strategy

N/A

## **E. Performance Metrics**

Not Applicable

PE 0605502N: Small Business Innovative Research Navy

Exhibit R-2A, RDT&E Project Jus	tification: PE	3 2013 Navy	′						DATE: Febi	uary 2012	
APPROPRIATION/BUDGET ACTI 1319: Research, Development, Tes BA 6: RDT&E Management Suppo	t & Evaluatio	n, Navy					PROJECT 1863: NAVSUP SBIR Program				
COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
1863: NAVSUP SBIR Program	1.200	-	-	-	-	-	-	-	-	0.000	1.200
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

#### A. Mission Description and Budget Item Justification

PE 0605502N: Small Business Innovative Research

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)

The Small Business Research and Development Enhancement Act of 1992 as amended (15 U.S.C. 638) requires that each Federal agency that has an extramural budget for R/R&D in excess of \$100,000,000 must participate, shall expend with small business concerns (SBC) not less than 2.5% for specific small business research initiatives awarded through a Small Business Innovation Research (SBIR) solicitation and .3% under the Small Business Technology Transfer (STTR) program.

FY 2011

FY 2012

FY 2013

<del>• • • • • • • • • • • • • • • • • • • </del>			
Title: SBIR PROGRAM  Articles:	1.200	-	-
FY 2011 Accomplishments:  Phase I Feasibility:  Phase I awards determined the scientific and technical merit and feasibility of the proposed effort and quality of performance by the small business concerns (SBC).	0		
Phase II Technology Development: Phase II awards are based on the SBC's Phase I results and potential of the Phase II proposal to address the Navy's needs. These awards further developed the technology, maturing the Technology Readiness Level(TRL) and providing prototypes or other sources validating the technology.			
Phase III - Since the DOD started tracking DOD Phase III contract awards in 2000, the Navy continues annually to award more in Phase III contracts then the rest of the DOD combined and continues to be called out in studies and Congressional language as the premier Department of Defense(DoD)SBIR program. Although no government SBIR funds are involved, phase III funding can come from the government and/or private sector. The target is to transition a company's SBIR effort into products, tools or services that benefit the Navy acquisition community. One important strength of the SBIR program is that once a company has received a Phase I award the follow-on Phase II and III awards can be awarded in a non competitive process since the competitive process took place under phase I.			
Accomplishments/Planned Programs Subtotals	1.200	-	-

**UNCLASSIFIED** 

Exhibit R-2A, RDT&E Project Justification: PB 2013 Navy	DATE: February 2012		
		PROJECT	NUD CDID Bracero
1319: Research, Development, Test & Evaluation, Navy BA 6: RDT&E Management Support	PE 0605502N: Small Business Innovative Research	1863: NAVS	SUP SBIR Program

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

N/A

# D. Acquisition Strategy

N/A

## **E. Performance Metrics**

Not Applicable

PE 0605502N: Small Business Innovative Research Navy

Exhibit R-2A, RDT&E Project Justification: PB 2013 Navy											
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 6: RDT&E Management Support					NOMENCLA 2N: Small Bo	TURE usiness Inno	vative	PROJECT 1864: CNR SBIR Program			
COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
1864: CNR SBIR Program	61.934	-	-	-	-	-	_	-	-	0.000	61.934
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

#### A. Mission Description and Budget Item Justification

PE 0605502N: Small Business Innovative Research

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)

The Small Business Research and Development Enhancement Act of 1992 as amended (15 U.S.C. 638) requires the each Federal agency that has an extramural budget for R/R&D in excess of \$100,000,000 must participate, shall expend with small business concerns (SBC) not less than 2.5% for specific small business research initiatives awarded through a Small Business Innovation Research (SBIR) solicitation and .3% under the Small Business Technology Transfer (STTR) program.

FY 2011

FY 2012

FY 2013

<del></del>			
Title: CNR SBIR Program	61.934	-	-
Articles.	0		
FY 2011 Accomplishments:			
Phase I Feasibility:			
Phase I awards determined the scientific and technical merit and feasibility of the proposed effort and quality of performance by			
the control of the co			
small business concerns (SBC).			
Dhana II Tasha alam. Davalan manti			
Phase II Technology Development:			
Phase II awards are based on the SBC's Phase I results and potential of the Phase II proposal to address the Navy's needs. These awards further			
developed the technology, maturing the Technology Readiness Level(TRL) and providing prototypes or other sources validating			
the technology.			
Phase III - Since the DOD started tracking DOD Phase III contract awards in 2000, the Navy continues annually to award more			
n Phase III contracts then the rest of the DOD combined and continues to be called out in studies and Congressional language			
as the premier Department of Defense(DoD)SBIR program. Although no government SBIR funds are involved, phase III funding			
can come from the government and/or private sector. The target is to transition a company's SBIR effort into products, tools			
or services that benefit the Navy acquisition community. One important strength of the SBIR program is that once a company			
has received a Phase I award the follow-on Phase II and III awards can be awarded in a non competitive process since the			
competitive process took place under phase I.			
Accomplishments/Planned Programs Subtotals	61.934	-	_

**UNCLASSIFIED** 

Exhibit R-2A, RDT&E Project Justification: PB 2013 Navy			<b>DATE:</b> February 2012	
APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	<b>PROJECT</b>		
1319: Research, Development, Test & Evaluation, Navy	PE 0605502N: Small Business Innovative	1864: CNR	SBIR Program	
BA 6: RDT&E Management Support	Research			

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

N/A

# D. Acquisition Strategy

N/A

## **E. Performance Metrics**

Not Applicable

PE 0605502N: Small Business Innovative Research Navy

Exhibit R-2A, RDT&E Project Jus						DATE: February 2012					
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				PROJECT 1865: SBIR Administration			
COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
1865: SBIR Administration	4.440	-	-	-	-	-	-	-	-	0.000	4.440

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## A. Mission Description and Budget Item Justification

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SBIR Administration.

Quantity of RDT&E Articles

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2011	FY 2012	FY 2013
Title: SBIR Administration	4.440	-	-
Articles:	0		
FY 2011 Accomplishments:			
SBIR Administration			
Accomplishments/Planned Programs Subtotals	4.440	-	-

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

N/A

# D. Acquisition Strategy

N/A

## E. Performance Metrics

Not Applicable

PE 0605502N: Small Business Innovative Research Navy

UNCLASSIFIED
Page 18 of 41

Exhibit R-2A, RDT&E Project Justification: PB 2013 Navy  DATE: February 2012											
7.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1						PROJECT 2016: NAVE	FAC SBIR Pr	ogram			
COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
2016: NAVFAC SBIR Program	0.800	-	-	-	_	-	-	-	-	0.000	0.800
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

#### A. Mission Description and Budget Item Justification

PE 0605502N: Small Business Innovative Research

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)

The Small Business Research and Development Enhancement Act of 1992 as amended (15 U.S.C. 638) requires the each Federal agency that has an extramural budget for R/R&D in excess of \$100,000,000 must participate, shall expend with small business concerns (SBC) not less than 2.5% for specific small business research initiatives awarded through a Small Business Innovation Research (SBIR) solicitation and .3% under the Small Business Technology Transfer (STTR) program.

FY 2011

FY 2012

FY 2013

217100011p110111011101111110111111111111	1 1 2011	1 1 2012	1 1 2010
Title: NAVFAC SBIR Program	0.800	-	-
Articles:	0		
FY 2011 Accomplishments:			
Phase I Feasibility:			
Phase I awards determined the scientific and technical merit and feasibility of the proposed effort and quality of performance by			
the			
small business concerns (SBC).			
Phase II Technology Development:			
Phase II awards are based on the SBC's Phase I results and potential of the Phase II proposal to address the Navy's needs.			
These awards further			
developed the technology, maturing the Technology Readiness Level(TRL) and providing prototypes or other sources validating			
the technology.			
Phase III - Since the DOD started tracking DOD Phase III contract awards in 2000, the Navy continues annually to award more			
in Phase III contracts then the rest of the DOD combined and continues to be called out in studies and Congressional language			
as the premier Department of Defense(DoD)SBIR program. Although no government SBIR funds are involved, phase III funding			
can come from the government and/or private sector. The target is to transition a company's SBIR effort into products, tools			
or services that benefit the Navy acquisition community. One important strength of the SBIR program is that once a company			
has received a Phase I award the follow-on Phase II and III awards can be awarded in a non competitive process since the			
competitive process took place under phase I.			
Accomplishments/Planned Programs Subtotals	0.800	_	_

**UNCLASSIFIED** 

Exhibit R-2A, RDT&E Project Justification: PB 2013 Navy			<b>DATE:</b> February 2012
APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	<b>PROJECT</b>	
1319: Research, Development, Test & Evaluation, Navy	PE 0605502N: Small Business Innovative	2016: NAVF	AC SBIR Program
BA 6: RDT&E Management Support	Research		

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

N/A

# D. Acquisition Strategy

N/A

## **E. Performance Metrics**

Not Applicable

PE 0605502N: Small Business Innovative Research Navy

Page 20 of 41 R-1 Line #152

**DATE:** February 2012

FY 2011

FY 2012

FY 2013

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APPROPRIATION/BUDGET ACT 1319: Research, Development, To BA 6: RDT&E Management Supp	opment, Test & Evaluation, Navy PE 0605502N: Small Business Innovative					PROJECT 2204: Small Business Tech Transfer Program					
COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
2204: Small Business Tech Transfer Program	19.004	-	-	-	-	-	-	-	-	0.000	19.004
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

### A. Mission Description and Budget Item Justification

PE 0605502N: Small Business Innovative Research

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)

Exhibit R-2A, RDT&E Project Justification: PB 2013 Navy

The Small Business Research and Development Enhancement Act of 1992 as amended (15 U.S.C. 638) requires the each Federal agency that has an extramural budget for R/R&D in excess of \$100,000,000 must participate, shall expend with small business concerns (SBC) not less than 2.5% for specific small business research initiatives awarded through a Small Business Innovation Research (SBIR) solicitation and .3% under the Small Business Technology Transfer (STTR) program.

Title: Small Business Tech Transfer Program	19.004	-	-
Articles:	0		
FY 2011 Accomplishments: Phase I Feasibility: Phase I awards determined the scientific and technical merit and feasibility of the proposed effort and quality of performance by the small business concerns (SBC).			
Phase II Technology Development: Phase II awards are based on the SBC's Phase I results and potential of the Phase II proposal to address the Navy's needs. These awards further developed the technology, maturing the Technology Readiness Level(TRL) and providing prototypes or other sources validating the technology.			
Phase III - Since the DOD started tracking DOD Phase III contract awards in 2000, the Navy continues annually to award more in Phase III contracts then the rest of the DOD combined and continues to be called out in studies and Congressional language as the premier Department of Defense(DoD)SBIR program. Although no government SBIR funds are involved, phase III funding can come from the government and/or private sector. The target is to transition a company's SBIR effort into products, tools or services that benefit the Navy acquisition community. One important strength of the SBIR program is that once a company has received a Phase I award the follow-on Phase II and III awards can be awarded in a non competitive process since the competitive process took place under phase I.			
Accomplishments/Planned Programs Subtotals	19.004	-	-

UNCLASSIFIED

Navy Page 21 of 41 R-1 Line #152

Exhibit R-2A, RDT&E Project Justification: PB 2013 Navy	DATE: February 2012		
APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	PROJECT	
1319: Research, Development, Test & Evaluation, Navy	PE 0605502N: Small Business Innovative	2204: Smal	l Business Tech Transfer Program
BA 6: RDT&E Management Support	Research		

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

N/A

## D. Acquisition Strategy

N/A

## E. Performance Metrics

Not Applicable

PE 0605502N: Small Business Innovative Research Navy

Page 22 of 41 R-1 Line #152

Exhibit R-2A, RDT&E Project Justific	ation: PE	3 2013 Navy							DATE: Febr	ruary 2012	
APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM N	OMENCLAT	URE		PROJECT						
1319: Research, Development, Test & E	PE 0605502N: Small Business Innovative				2240: Navy Dual Use Technology Program						
BA 6: RDT&E Management Support				Research							
			EV 2012	EV 2012	EV 2012					Cost To	

COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
2240: Navy Dual Use Technology Program	0.857	-	-	-	-	-	-	-	-	0.000	0.857
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

# A. Mission Description and Budget Item Justification

SBIR Administration

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2011	FY 2012	FY 2013
Title: SBIR ADMIN	0.857	-	-
Articles:	0		
FY 2011 Accomplishments:			
SBIR Administration			
Accomplishments/Planned Programs Subtotals	0.857	-	-

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

N/A

## D. Acquisition Strategy

N/A

## E. Performance Metrics

Not Applicable

PE 0605502N: Small Business Innovative Research Navy

UNCLASSIFIED
Page 23 of 41

Exhibit R-2A, RDT&E Project Just	ification: PE	3 2013 Navy	,						DATE: February 2012			
APPROPRIATION/BUDGET ACTIV 1319: Research, Development, Test BA 6: RDT&E Management Support	& Evaluation	n, Navy		R-1 ITEM N PE 0605502 Research			vative	PROJECT 2241: SBIR	ADMIN - SI			
COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost	
2241: SBIR ADMIN - SPAWAR	2.067	-	-	-	-	-	-	-	-	0.000	2.067	

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## A. Mission Description and Budget Item Justification

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The SBIR legislation prohibits any of the SBIR or STTR funds from being used to manage or administer the program. Additional funds are pulled to manage the program, technical efforts and award contracts related to SBIR.

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2011	FY 2012	FY 2013
Title: SBIR ADMIN - SPAWAR	2.067	-	-
Articles:	0		
FY 2011 Accomplishments:			
Administrative support of the Navy Small Business Program.			
FY 2011 Accomplishments:			
SPAWAR awarded 36 Phase I, 19 Phase I options, 31 Phase II, 28 Phase II option, 14 Phase II.5, and 2 Phase III SBIR awards in			
FY11.			
100 percent of SPAWAR SBIR budget as mandated by law was obligated. SPAWAR continues to develop more efficient			
processes while increasing the rate and percent of transition to Phase III.			
Accomplishments/Planned Programs Subtotals	2.067	-	-

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

N/A

## D. Acquisition Strategy

Quantity of RDT&E Articles

N/A

#### E. Performance Metrics

Not Applicable

PE 0605502N: Small Business Innovative Research Navy

Page 24 of 41

R-1 Line #152

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Exhibit R-2A, RDT&E Project Justification: PB 2013 Navy			DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	PROJECT	
1319: Research, Development, Test & Evaluation, Navy	PE 0605502N: Small Business Innovative	2242: SBIR	ADMIN - NAVSEA
BA 6: RDT&F Management Support	Research		

COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
2242: SBIR ADMIN - NAVSEA	4.942	0.010	-	-	-	-	-	-	-	0.000	4.952
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

## A. Mission Description and Budget Item Justification

SBIR Administration

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2011	FY 2012	FY 2013
Title: SBIR Admin Support	4.942	0.010	-
Articles:	0	0	
FY 2011 Accomplishments: SBIR Administration			
FY 2012 Plans: SBIR Administration			
Accomplishments/Planned Programs Subtotals	4.942	0.010	-

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

N/A

## D. Acquisition Strategy

N/A

## E. Performance Metrics

Not Applicable

PE 0605502N: Small Business Innovative Research Navy

UNCLASSIFIED
Page 25 of 41

Exhibit R-2A, RDT&E Project Justification: PB 2013 Navy	DATE: February 2012		
APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	PROJECT	
1319: Research, Development, Test & Evaluation, Navy	PE 0605502N: Small Business Innovative	2243: SBIR	ADMIN - NAVAIR
BA 6: RDT&E Management Support	Research		

COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
2243: SBIR ADMIN - NAVAIR	6.211	-	-	-	-	-	-	-	-	0.000	6.211
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

## A. Mission Description and Budget Item Justification

SBIR Administration

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2011	FY 2012	FY 2013
Title: SBIR ADMIN - NAVAIR	6.211	-	-
Articles:	0		
FY 2011 Accomplishments:			
SBIR Administration			
Accomplishments/Planned Programs Subtotals	6.211	-	-

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

N/A

## D. Acquisition Strategy

N/A

## E. Performance Metrics

Not Applicable

PE 0605502N: Small Business Innovative Research Navy

UNCLASSIFIED
Page 26 of 41

APPROPRIATION/BUDGET ACTIVITY R-1 ITEM NOMENCLATURE PROJECT

1319: Research, Development, Test & Evaluation, Navy PE 0605502N: Small Business Innovative 2244: SBIR ADMIN - NAVFAC

BA 6: RDT&E Management Support Research

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COST (\$ in Millions)			FY 2013	FY 2013	FY 2013					Cost To	
COST (\$ III WIIIIOIIS)	FY 2011	FY 2012	Base	oco	Total	FY 2014	FY 2015	FY 2016	FY 2017	Complete	<b>Total Cost</b>
2244: SBIR ADMIN - NAVFAC	0.040	-	-	-	-	-	-	-	-	0.000	0.040
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

## A. Mission Description and Budget Item Justification

SBIR Administration

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2011	FY 2012	FY 2013
Title: SBIR ADMIN - NAVFAC	0.040	-	-
Articles:	0		
FY 2011 Accomplishments:			
SBIR Administration.			
Accomplishments/Planned Programs Subtotals	0.040	-	-

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

N/A

## D. Acquisition Strategy

N/A

#### E. Performance Metrics

Not Applicable

PE 0605502N: Small Business Innovative Research Navy

UNCLASSIFIED
Page 27 of 41

Exhibit R-2A, RDT&E Project Justification: PB 2013 Navy			<b>DATE</b> : February 2012
APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	PROJECT	-

1319: Research, Development, Test & Evaluation, Navy PE 0605502N: Small Business Innovative 2245: SBIR ADMIN - NAVSUP

BA 6: RDT&E Management Support Research

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COST (\$ in Millions)				FY 2013	FY 2013	FY 2013					Cost To	
	COST (\$ in Willions)	FY 2011	FY 2012	Base	oco	Total	FY 2014	FY 2015	FY 2016	FY 2017	Complete	<b>Total Cost</b>
	2245: SBIR ADMIN - NAVSUP	0.050	-	-	-	-	-	-	-	-	0.000	0.050
	Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

## A. Mission Description and Budget Item Justification

SBIR Administration

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2011	FY 2012	FY 2013
Title: SBIR Administration	0.050	-	-
Articles:	0		
FY 2011 Accomplishments:			
SBIR Administration			
Accomplishments/Planned Programs Subtotals	0.050	-	-

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

N/A

## D. Acquisition Strategy

N/A

#### E. Performance Metrics

Not Applicable

PE 0605502N: Small Business Innovative Research Navy

UNCLASSIFIED
Page 28 of 41

Exhibit R-2A, RDT&E Project Justification: PB 2013 Navy

DATE: February 2012

APPROPRIATION/BUDGET ACTIVITY R-1 ITEM NOMENCLATURE PROJECT

1319: Research, Development, Test & Evaluation, Navy PE 0605502N: Small Business Innovative 2248: SBIR ADMIN - SSPO

BA 6: RDT&E Management Support Research

Cost To

COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
2248: SBIR ADMIN - SSPO	0.117	-	-	-	-	-	-	-	-	0.000	0.117
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

## A. Mission Description and Budget Item Justification

SBIR Administration

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2011	FY 2012	FY 2013
Title: SBIR Administration	0.117	-	-
Articles:	0		
FY 2011 Accomplishments:			
SBIR Administration			
Accomplishments/Planned Programs Subtotals	0.117	-	_

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

N/A

## D. Acquisition Strategy

N/A

## **E. Performance Metrics**

Not Applicable

PE 0605502N: Small Business Innovative Research Navy

UNCLASSIFIED
Page 29 of 41

DATE: Calamiam, 2012

FY 2011

FY 2012

FY 2013

EXHIBIT R-2A, RD1&E Project Ju		DATE: February 2012									
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 6: RDT&E Management Support				R-1 ITEM N PE 0605502 Research		TURE usiness Inno	vative	PROJECT 2813: SBIR			
COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
2813: SBIR - NSMA	7.230	-	-	-	-	-	-	-	-	0.000	7.230
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

## A. Mission Description and Budget Item Justification

PE 0605502N: Small Business Innovative Research

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)

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The Small Business Research and Development Enhancement Act of 1992 as amended (15 U.S.C. 638) requires the each Federal agency that has an extramural budget for R/R&D in excess of \$100,000,000 must participate, shall expend with small business concerns (SBC) not less than 2.5% for specific small business research initiatives awarded through a Small Business Innovation Research (SBIR) solicitation and .3% under the Small Business Technology Transfer (STTR) program.

217100011pliotition iditiod 1 10gratio (4 il milliono) 7111010 Quantitioo III 20011	1 1 2011	1 1 2012	1 1 2013
Title: SBIR - NSMA	7.230	-	-
Articles:	0		
FY 2011 Accomplishments:			
Phase I Feasibility:			
Phase I awards determined the scientific and technical merit and feasibility of the proposed effort and quality of performance by			
the			
small business concerns (SBC).			
Phase II Technology Development:			
Phase II awards are based on the SBC's Phase I results and potential of the Phase II proposal to address the Navy's needs.			
These awards further			
developed the technology, maturing the Technology Readiness Level(TRL) and providing prototypes or other sources validating			
the technology.			
Phase III - Since the DOD started tracking DOD Phase III contract awards in 2000, the Navy continues annually to award more			
in Phase III contracts then the rest of the DOD combined and continues to be called out in studies and Congressional language			
as the premier Department of Defense(DoD)SBIR program. Although no government SBIR funds are involved, phase III funding			
can come from the government and/or private sector. The target is to transition a company's SBIR effort into products, tools			
or services that benefit the Navy acquisition community. One important strength of the SBIR program is that once a company			
has received a Phase I award the follow-on Phase II and III awards can be awarded in a non competitive process since the competitive process took place under phase I.			
	7 220		
Accomplishments/Planned Programs Subtotals	7.230		

**UNCLASSIFIED** 

Exhibit R-2A, RDT&E Project Justification: PB 2013 Navy			<b>DATE:</b> February 2012
APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	<b>PROJECT</b>	
1319: Research, Development, Test & Evaluation, Navy	PE 0605502N: Small Business Innovative	2813: SBIR	- NSMA
BA 6: RDT&E Management Support	Research		

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

N/A

# D. Acquisition Strategy

N/A

## **E. Performance Metrics**

Not Applicable

PE 0605502N: Small Business Innovative Research Navy

UNCLASSIFIED
Page 31 of 41

Exhibit R-2A, RDT&E Project Justification: PB 2013 Navy			<b>DATE</b> : February 2012
ADDRODDIATION/DUDGET ACTIVITY	D 4 ITEM NOMENCI ATUDE	DDO IECT	

APPROPRIATION/BUDGET ACTIVITY R-1 ITEM NOMENCLATURE PROJECT

1319: Research, Development, Test & Evaluation, Navy PE 0605502N: Small Business Innovative 2814: SBIR ADMIN - NSMA

BA 6: RDT&E Management Support Research

COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
2814: SBIR ADMIN - NSMA	0.470	-	-	-	-	-	-	-	-	0.000	0.470
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

## A. Mission Description and Budget Item Justification

SBIR Administration

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2011	FY 2012	FY 2013
Title: SBIR ADMIN - NSMA	0.470	-	-
Articles:	0		
FY 2011 Accomplishments:			
SBIR Administration			
Accomplishments/Planned Programs Subtotals	0.470	-	-

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

N/A

## D. Acquisition Strategy

N/A

## E. Performance Metrics

Not Applicable

PE 0605502N: Small Business Innovative Research Navy

Page 32 of 41

	,												
	APPROPRIATION/BUDGET ACTIV		R-1 ITEM N			PROJECT							
	1319: Research, Development, Test		PE 060550	2N: Small Bi	usiness Inno	vative	3201: SBIR CPP - NAVAIR						
BA 6: RDT&E Management Support													
	COST (\$ in Millions) FY 2011 FY 2012 Base				FY 2013	FY 2013					Cost To		
					oco	Total	FY 2014	FY 2015	FY 2016	FY 2017	Complete	Total Cost	
	3201: SBIR CPP - NAVAIR	0.991	_	_	_	_	_	_	_	_	0.000	0.991	

## A. Mission Description and Budget Item Justification

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Exhibit R-2A, RDT&E Project Justification: PB 2013 Navy

Section 252 of the 2006 NDAA Public Law No. 109-163 allowed up to 1% of the SBIR be used to fund the administrative costs of the Commercialization Pilot Program (CPP).

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2011	FY 2012	FY 2013
Title: SBIR CPP - NAVAIR	0.991	-	-
Articles:	0		
FY 2011 Accomplishments:			
CPP Administration			
Accomplishments/Planned Programs Subtotals	0.991	-	-

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

N/A

## D. Acquisition Strategy

Quantity of RDT&E Articles

N/A

## **E. Performance Metrics**

**CPP** Administration

PE 0605502N: Small Business Innovative Research Navy

UNCLASSIFIED
Page 33 of 41

R-1 Line #152

**DATE:** February 2012

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APPROPRIATION/BUDGET ACTIVITY				R-1 ITEM N	IOMENCLA	TURE		PROJECT			
1319: Research, Development, Tes		PE 060550	2N: Small B	usiness Inno	vative	3202: SBIR CPP - SPAWAR					
BA 6: RDT&E Management Suppor	BA 6: RDT&E Management Support					Research					
COST (\$ in Millions) FY 2011 FY 2012 Base				FY 2013	FY 2013	EV 0044	FV 0045	EV 0040	EV 0047	Cost To	T-4-1 04
- (,	Rase	$\perp$ OCO	Total	FY 2014	FY 2015	FY 2016	FY 2017	Complete	Total Cost		

COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
3202: SBIR CPP - SPAWAR	0.329	-	-	-	-	-	-	-	-	0.000	0.329
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

## A. Mission Description and Budget Item Justification

Exhibit R-2A, RDT&E Project Justification: PB 2013 Navv

Section 252 of the 2006 NDAA Public Law No. 109-163 up to 1% of the SBIR be used to fund the administrative costs of the Commercialization Pilot Program (CPP).

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2011	FY 2012	FY 2013
Title: SBIR CPP - SPAWAR	0.329	-	-
Articles:	0		
FY 2011 Accomplishments: SPAWAR continues to manage a successful CPP effort which has led to many accelerated Phase II.5 projects that address clearly identified transition sponsor needs. In FY 2011, 14 Ph II.5 SBIR contracts were awarded at SPAWAR valued at \$6,550,288.			
Accomplishments/Planned Programs Subtotals	0.329	-	-

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

N/A

## D. Acquisition Strategy

N/A

## **E. Performance Metrics**

Not Applicable

PE 0605502N: Small Business Innovative Research Navy

UNCLASSIFIED
Page 34 of 41

R-1 Line #152

**DATE:** February 2012

Exhibit R-2A, RDT&E Project Ju	ı <b>stification</b> : Pl	3 2013 Navy	/				DATE: February 2012					
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 6: RDT&E Management Support					<b>IOMENCLA</b> 2N: <i>Small Bi</i>	TURE usiness Inno	vative	PROJECT 3203: SBIR	PROJECT 3203: SBIR CPP - NAVSEA			
COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost	
0000 000 000 1/41/054								0.000	0.500			

COST (\$ in Millions)	FY 2011	FY 2012	Base	OCO	Total	FY 2014	FY 2015	FY 2016	FY 2017	Complete	Total Cost
3203: SBIR CPP - NAVSEA	0.592	-	-	-	-	-	-	-	-	0.000	0.592
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

## A. Mission Description and Budget Item Justification

Section 252 of the 2006 NDAA Public Law No. 109-163 allowed up to 1% of the SBIR be used to fund the administrative costs of the Commercialization Pilot Program (CPP).

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2011	FY 2012	FY 2013
Title: SBIR CPP - NAVSEA	0.592	-	-
Articles:	0		
FY 2011 Accomplishments:			
CPP Administration			
Accomplishments/Planned Programs Subtotals	0.592	-	-

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

N/A

## D. Acquisition Strategy

N/A

## E. Performance Metrics

NONE

PE 0605502N: Small Business Innovative Research Navy

**UNCLASSIFIED** Page 35 of 41

R-1 Line #152

	Exhibit R-2A, RDT&E Project Justi	fication: PE	3 2013 Navy	1					DATE: February 2012				
	APPROPRIATION/BUDGET ACTIVI	R-1 ITEM N	IOMENCLA	TURE		PROJECT							
	1319: Research, Development, Test		PE 0605502	2N: <i>Small B</i> เ	usiness Inno	vative	3204: SBIR CPP - MARINE CORPS						
	BA 6: RDT&E Management Support				Research								
COST (\$ in Millions) FY 2013					FY 2013	FY 2013					Cost To		

COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
3204: SBIR CPP - MARINE CORPS	0.137	-	-	-	-	-	-	-	-	0.000	0.137
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

## A. Mission Description and Budget Item Justification

Section 252 of the 2006 NDAA Public Law No. 109-163 allowed up to 1% of the SBIR be used to fund the administrative costs of the Commercialization Pilot Program (CPP).

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2011	FY 2012	FY 2013
Title: SBIR CPP - MARINE CORPS	0.137	-	-
Articles:	0		
FY 2011 Accomplishments:			
CPP Administration			
Accomplishments/Planned Programs Subtotals	0.137	-	-

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

N/A

## D. Acquisition Strategy

N/A

## **E. Performance Metrics**

Not Applicable

PE 0605502N: Small Business Innovative Research Navy

UNCLASSIFIED
Page 36 of 41

EXHIBIT IX-ZA, IXD I & L I TOJECT 3030	illication. 1 L	2013 Navy							DAIL. I CO	uary 2012	
APPROPRIATION/BUDGET ACTIV 1319: Research, Development, Test		111   111					PROJECT 3205: SBIR CPP - ONR				
BA 6: RDT&E Management Support	Research	ziv. Siriali Di	usiness inno	valive	3203. SBIIX OFF - ONK						
COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
3205: SBIR CPP - ONR	0.622	-	-	-	-	-	-	-	-	0.000	0.622
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

## A. Mission Description and Budget Item Justification

Exhibit R-24 RDT&F Project Justification: PR 2013 Navy

Section 252 of the 2006 NDAA Public Law No. 109-163 allowed up to 1% of the SBIR be used to fund the administrative costs of the Commercialization Pilot Program (CPP).

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2011	FY 2012	FY 2013
Title: SBIR CPP - ONR	0.622	-	-
Articles:	0		
FY 2011 Accomplishments:			
CPP Administration			
Accomplishments/Planned Programs Subtotals	0.622	-	-

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

N/A

## D. Acquisition Strategy

N/A

### E. Performance Metrics

Not Applicable

PE 0605502N: Small Business Innovative Research Navy

Page 37 of 41

R-1 Line #152

DATE: February 2012

Exhibit R-2A, RDT&E Project Jus	tification: PE	3 2013 Navy							DAIE: Febr	uary 2012	
APPROPRIATION/BUDGET ACTIV 1319: Research, Development, Tes BA 6: RDT&E Management Suppor	search, Development, Test & Evaluation, Navy PE 0605502N: Small Business Innovative 3213: NAVA					AIR STTR Program					
COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
3213: NAVAIR STTR Program	11.804	-	-	-	-	-	-	-	-	0.000	11.804
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

## A. Mission Description and Budget Item Justification

PE 0605502N: Small Business Innovative Research

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)

The Small Business Research and Development Enhancement Act of 1992 as amended (15 U.S.C. 638) requires the each Federal agency that has an extramural budget for R/R&D in excess of \$100,000,000 must participate, shall expend with small business concerns (SBC) not less than 2.5% for specific small business research initiatives awarded through a Small Business Innovation Research (SBIR) solicitation and .3% under the Small Business Technology Transfer (STTR) program.

FY 2011

FY 2012

FY 2013

217100011101110111011111101111111111111	1 1 2011	1 1 2012	1 1 2010
Title: NAVAIR STTR Program	11.804	-	-
Articles:	0		
FY 2011 Accomplishments:			
Phase I Feasibility:			
Phase I awards determined the scientific and technical merit and feasibility of the proposed effort and quality of performance by			
the			
small business concerns (SBC).			
Phase II Technology Development:			
Phase II awards are based on the SBC's Phase I results and potential of the Phase II proposal to address the Navy's needs.			
These awards further			
developed the technology, maturing the Technology Readiness Level(TRL) and providing prototypes or other sources validating			
the technology.			
Phase III - Since the DOD started tracking DOD Phase III contract awards in 2000, the Navy continues annually to award more			
in Phase III contracts then the rest of the DOD combined and continues to be called out in studies and Congressional language			
as the premier Department of Defense(DoD)SBIR program. Although no government SBIR funds are involved, phase III funding			
can come from the government and/or private sector. The target is to transition a company's SBIR effort into products, tools			
or services that benefit the Navy acquisition community. One important strength of the SBIR program is that once a company			
has received a Phase I award the follow-on Phase II and III awards can be awarded in a non competitive process since the			
competitive process took place under phase I.			
Accomplishments/Planned Programs Subtotals	11.804	-	_

**UNCLASSIFIED** 

Exhibit R-2A, RDT&E Project Justification: PB 2013 Navy			DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	PROJECT	
1319: Research, Development, Test & Evaluation, Navy	PE 0605502N: Small Business Innovative	3213: <i>NAVA</i>	IR STTR Program
BA 6: RDT&E Management Support	Research		

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

N/A

# D. Acquisition Strategy

N/A

## **E. Performance Metrics**

Not Applicable

PE 0605502N: Small Business Innovative Research Navy

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APPROPRIATION/BUDGET ACTIV	ITY			R-1 ITEM N	IOMENCLA <sup>*</sup>	TURE		PROJECT			
1319: Research, Development, Test	& Evaluation	n, Navy		PE 0605502	2N: Small Bu	usiness Inno	vative	3231: SBIR	Counterdru	g	
BA 6: RDT&E Management Support				Research							
COST (¢ in Millions)			FY 2013	FY 2013	FY 2013					Cost To	
COST (\$ in Millions)	FY 2011	FY 2012	Base	oco	Total	FY 2014	FY 2015	FY 2016	FY 2017	Complete	Total Cost
3231: SBIR Counterdrug	0.266	-	-	-	_	_	-	_	-	0.000	0.266

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# A. Mission Description and Budget Item Justification

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Exhibit R-2A RDT&E Project Justification: PB 2013 Navv

The DoD Counter NarcoTerrorism Program Office (CNTPO) primary focus is on the development and acquisition of technology or interagency and multinational operations to disrupt, deter, and deny narcoterrorist activities in an effort to reduce trafficking in illegal narcotics and materials that support global terrorist activities.

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2011	FY 2012	FY 2013
Title: SBIR Counterdrug	0.266	-	_
Articles:	0		
FY 2011 Accomplishments:			
Phase II Technology Development:  Phase II awards are based on the SBC's Phase I results and potential of the Phase II proposal to address the Counter			
NarcoTerrorism Program Office needs. These awards further developed the technology, maturing the Technology Readiness Level (TRL) and providing prototypes or other sources validating the technology.			
Accomplishments/Planned Programs Subtotals	0.266	-	-

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

N/A

## D. Acquisition Strategy

Quantity of RDT&E Articles

N/A

### **E. Performance Metrics**

Not Applicable

PE 0605502N: Small Business Innovative Research Navy

UNCLASSIFIED
Page 40 of 41

R-1 Line #152

**DATE:** February 2012

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Exhibit R-2A, RDT&E Project Jus	tification: PE	3 2013 Navy	1						DATE: Feb	ruary 2012	
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 6: RDT&E Management Support								PROJECT 3233: SPAWAR STTR Program			
COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
3233: SPAWAR STTR Program	1.250	-	-	-	-	-	-	-	-	0.000	1.250
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

### A. Mission Description and Budget Item Justification

The Small Business Research and Development Enhancement Act of 1992 as amended (15 U.S.C. 638) requires that each Federal agency that has an extramural budget for Research & Development in excess of \$100,000,000 shall expend with small business concerns (SBC) not less than 2.5% for specific small business research initiatives awarded through a Small Business Innovation Research (SBIR) solicitation and 0.3% under the Small Business Technology Transfer (STTR) program. The SPAWAR SBIR program funds research that addresses the needs and mission of our command and has the potential to transition into follow-on RDT&E and procurement activities.

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2011	FY 2012	FY 2013
Title: SPAWAR STTR Program	1.250	-	-
Articles:	0		
FY 2011 Accomplishments:			
Phase I Feasibility			
The purpose of Phase I is to determine the scientific and technical merit and feasibility of the proposed effort and quality of			
performance by the small business concerns (SBC).			
Phase II Technology Development			
Phase II awards are based on the SBC's Phase I results and potential of the Phase II proposal to address the Navy's needs.			
These awards further develop the technology, maturing the TRL and providing prototypes or other sources validating the			
technology. SPAWAR made 4 Phase II and 1 Phase II option STTR awards in FY 2011 valued at \$2,246,337.			
Accomplishments/Planned Programs Subtotals	1.250	-	-

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

N/A

### D. Acquisition Strategy

N/A

Navy

#### E. Performance Metrics

NONE

PE 0605502N: Small Business Innovative Research

Page 41 of 41