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<b>Exhibit R-2, RDT&amp;E Budget Item Justification:</b> PB 2016 Navy	<b>Date:</b> February 2015
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<b>Appropriation/Budget Activity</b>	<b>R-1 Program Element (Number/Name)</b>											
1319: <i>Research, Development, Test &amp; Evaluation, Navy I BA 7: Operational Systems Development</i>	PE 0203761N I <i>Rapid Technology Transition (RTT)</i>											
<b>COST (\$ in Millions)</b>	<b>Prior Years</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016 Base</b>	<b>FY 2016 OCO</b>	<b>FY 2016 Total</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
Total Program Element	34.278	8.561	8.480	18.632	-	18.632	19.867	20.178	20.381	21.176	Continuing	Continuing
3173: <i>Technology Insertion Program for Savings (TIPS)</i>	23.389	8.436	8.480	18.632	-	18.632	19.867	20.178	20.381	21.176	Continuing	Continuing
3174: <i>Rapid Development and Deployment (RDD)</i>	10.889	0.125	-	-	-	-	-	-	-	-	-	11.014

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

**MISSION:**

The Technology Insertion Program for Savings (TIPS) transitions technology from any source, including those not traditionally associated with defense technology. An effective and robust integration of commercial and military technologies can reduce costs by keeping pace with the fast moving changes in technologies and operational needs. The TIPS program is structured to bring transition deals to closure quickly, and to provide execution year funding for a quick start, bridging the gap until the program of record can fund the completion of the technology insertion.

The mission of the TIPS program is to increase the rate that new cutting edge technologies are inserted into DON acquisition programs in order to significantly reduce operations and maintenance support costs. Opportunities occur when a sufficiently mature technology is identified that can meet a particular need on a timetable which matches that of an acquisition program, and is supported by a business case which justifies the associated cost and schedule risk. The combination of circumstances which create such opportunities can appear, and disappear, well inside the Program Objectives Memorandum (POM) cycle. This program is designed to be proactive in identifying opportunities and to work with resource sponsors, fleet and force users, and Program Managers (PMs) in constructing viable technology transition deals, one at a time. To ensure the widest possible awareness of emergent commercial technology opportunities, this program interacts with the industry and coordinates closely with Program Executive Offices (PEOs) and Program Managers (PMs) to maintain awareness of insertion opportunities. Utilizing existing authorities, TIPS applies execution year funds where necessary to "jump-start" transitions so they can be inserted and validated leading directly to deployment and/or demonstrations of high risk/high payoff technologies. This Program Element is the only Navy program that addresses current opportunities to reduce operations and support (O&S) cost drivers within a 18-24 month period. As such, planning and initiation are accomplished within the same fiscal year, which causes a non-traditional financial execution profile for the program. The program therefore does not meet traditional expenditure benchmarks for the first year of execution, but rapidly recovers in the second year.

Funding increases to TIPS reflect emphasis on increasing the number of projects that reduce operations and support costs, since the number of projects funded is directly proportional to the cost benefits provided to DoN, and demand continues to grow as operations and sustainment budgets experience increased downward pressure.

The RDD program provides for the rapid development and fielding of prototype solutions to meet urgent operational needs. The RDD process applies when existing DON processes cannot meet urgent operational needs. Overseas Contingency Operations (OCO) have generated rapidly evolving military needs that require responsive materiel solutions.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2016 Navy				Date: February 2015	
Appropriation/Budget Activity 1319: Research, Development, Test & Evaluation, Navy I BA 7: Operational Systems Development		R-1 Program Element (Number/Name) PE 0203761N I Rapid Technology Transition (RTT)			
B. Program Change Summary (\$ in Millions)	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Previous President's Budget	8.561	12.480	26.096	-	26.096
Current President's Budget	8.561	8.480	18.632	-	18.632
Total Adjustments	-	-4.000	-7.464	-	-7.464
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-4.000			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Program Adjustments	-	-	-0.039	-	-0.039
• Rate/Misc Adjustments	-	-	-7.425	-	-7.425
Change Summary Explanation					
The FY 2016 funding request was reduced by -\$0.5 million to account for the availability of prior year execution balances					
Technical: Not applicable.					
Schedule: Not applicable.					

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Exhibit R-2A, RDT&E Project Justification: PB 2016 Navy										Date: February 2015		
Appropriation/Budget Activity 1319 / 7					R-1 Program Element (Number/Name) PE 0203761N / Rapid Technology Transition (RTT)				Project (Number/Name) 3173 / Technology Insertion Program for Savings (TIPS)			
COST (\$ in Millions)	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
3173: Technology Insertion Program for Savings (TIPS)	23.389	8.436	8.480	18.632	-	18.632	19.867	20.178	20.381	21.176	Continuing	Continuing
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		
A. Mission Description and Budget Item Justification												
The mission of the Technology Insertion Program for Savings (TIPS) is to fund smart solutions for rapid insertion of new technologies that are inserted into DON acquisition programs in order to reduce operations and maintenance support costs across DoN acquisition programs. The TIPS program is structured to quickly transition applicable commercial off-the- shelf solutions and late-stage development technologies from any source, to meet emerging opportunities that lead to cost efficiencies in operations, maintenance, support, training, and/or logistics, and is supported by a business case that justifies all associated costs and schedule risks while demonstrstarting a positive return on investment (ROI) that is quantifiable and clearly explained given realistic assumptions. TIPS provides execution year funding for a rapid start, bridging the gap until the program of record can fund the completion of the technology insertion.												
Funding increase from FY15 through FY16 provides continuity for executing efforts already committed in FY14 and FY15, ensuring benefits are realized once efforts have transitioned, and allows insertion of 6 new opportunities to meet increasing demand.												
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)								FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Title: TECHNOLOGY INSERTION PROGRAM FOR SAVINGS (TIPS)  Articles:								8.436	8.480	18.632	-	18.632
								-	-	-	-	-
FY 2014 Accomplishments: Completed Composite Patch Technology. Completed Global Ammunition Strategic Positioning Model (GASPM). Completed Backscatter X-ray for F-18 Depot Level Structural Inspection. Completed Revolutionary Low FOD Droque.												
Name & ROI% (5 Years) - Composite Patch - Global Ammunistion Strategic Positioning Model (GASP) - ROI% 714 - Backscatter Array for F-18 Depot Level Structural Inspection - ROI%501 - Revolutionary Low Foreign Object Damage (FOD) Droque - ROI% 140 - Naval Superstructure Cracking Due to Aluminum Sensitization - ROI% 3767												
FY 2015 Plans:												

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Exhibit R-2A, RDT&E Project Justification: PB 2016 Navy			Date: February 2015			
Appropriation/Budget Activity 1319 / 7		R-1 Program Element (Number/Name) PE 0203761N / Rapid Technology Transition (RTT)		Project (Number/Name) 3173 / Technology Insertion Program for Savings (TIPS)		
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Continue efforts from FY 2014 unless otherwise noted as complete. Initiate 6-8 new TIPS projects to improve naval warfighter capabilities.  Projects Planning to Complete in FY2015:  Name & ROI (Percent) - Alpha Act - ROI% 984 - Improved Low Cost Gyro Stabilized Heading Sensor - ROI% 465 - Transportation Exploitation Tool 2 (TET2) - ROI% 601 - SPAWAR Quick Reference Guide - ROI% 1151 - Framework for Accessing Cost & Technology (FACT) for C4I - ROI% 331  Projects Executing in FY2015:  Name & ROI (Percent) - LCS Class 1 Stern Tube Seal Design Improvements - ROI% 7540 - Advanced Buoyant Cable Antenna (ABCA) - ROI% 38 - Lot Serial Number Accuracy (LSNA) - ROI% 360 - Virginia Class TEMPALT Electronics Rack - ROI% 961 - Interactive Structural Analysis Environment & Management System - ROI% 11809 - Submarine Combat System Architecture Modernization - ROI% 1408 - Autonomous Target Acquisition Weapon Image Source Expansion - ROI% 469 - Remote Minehunting System Cable Maintenance Winch - ROI% 367 - Modified Induction Heat Tecnology for Reduced Cost Removal of Special Hull Treatment - ROI% 754 - Intermediary Application for Key Mgt Infrastructure - ROI%690 - V-22 Windscreen Durability Improvements - ROI% 303  FY 2015 Projects Starting:  Name & ROI% (5 Years) - Navy Nuclear Command, Control, & Comms Emergency Action Message Enhanced Technology (NEET) - ROI % 438						

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Exhibit R-2A, RDT&E Project Justification: PB 2016 Navy			Date: February 2015			
Appropriation/Budget Activity 1319 / 7		R-1 Program Element (Number/Name) PE 0203761N / Rapid Technology Transition (RTT)		Project (Number/Name) 3173 / Technology Insertion Program for Savings (TIPS)		
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
<div>- Framework for Accessing Cost &amp; Technology for Rapid Tech Insertion - ROI% 229</div> <div>- Transition of Single Vacuum Debulk Repair Technology - ROI% 139</div> <div>- Virtualization in Submarine Warfare Federated Tactical System (V-SWFTS) - ROI% 4254</div> <div>- Close-In Weapon System Upgrades for CCA &amp; Gyro - ROI% 710</div> <div>- Flexible Signals Exploitation Utilizing a Framework Platform - ROI% 1120</div> <div>- Radar Technology Engineering Upgrades A, B, &amp; C</div> <div>-(A) ROI% 313</div> <div>-(B) ROI% 120</div> <div>-(C) ROI% 92</div> <div><b>FY 2016 Base Plans:</b></div> <div>Continue efforts from FY 2015 unless otherwise noted as complete.</div> <div>Initiate 8-10 new TIPS projects to further reduce maintenance &amp; operational support costs across Naval acquisition programs.</div> <div>FY 2016 Projects Starting:</div> <div>- Close-In Weapon System Upgrades for CCA &amp; Gyro - ROI% 710</div> <div>- Close-In Weapon System Upgrades for Stabilization Motor Upgrades - ROI% 650</div> <div>- Framework for Accessing Cost &amp; Technology for Rapid Tech Insertion - ROI% 229</div> <div>- Flexible Signals Exploitation Utilizing a Framework Platform - ROI% 1120</div> <div>FY2016 Future Cost Savings Opportunities:</div> <div>Name &amp; ROI % (5 Years)</div> <div>- Universal Naval Aluminum Degree of Sensitization (DoS) Probe - ROI% 7227</div> <div>- Aegis Weapon System (AWS) Big Data mining &amp; Prognostics -ROI% 783</div> <div>- Low Cost Enabling Minehunting Sonar Waveform Generator - ROI% 2487</div> <div>- Stress Wave Analysis - ROI% 2089</div> <div>- CANES Rapid Installation Key Enabling Technologies - ROI% 431</div> <div>- Multiband Broadband Antenna for Navy Ships - ROI% 674</div> <div>- Joint Air Logisitcs Information System Decision Support Tool - ROI% 1691</div> <div>- Tactical Receive Segment - ROI% 523</div>						

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2016 Navy				<b>Date:</b> February 2015		
<b>Appropriation/Budget Activity</b> 1319 / 7		<b>R-1 Program Element (Number/Name)</b> PE 0203761N / <i>Rapid Technology Transition (RTT)</i>		<b>Project (Number/Name)</b> 3173 / <i>Technology Insertion Program for Savings (TIPS)</i>		
<b><u>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</u></b>						
		<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016 Base</b>	<b>FY 2016 OCO</b>	<b>FY 2016 Total</b>
- Energy Absorbing Aerial Refueling Hose - ROI% 4842 - Interactive Culturally Accurate AvataR - ROI% 429 - Personal Property Transportation Audit Systems - ROI% 225  <b><i>FY 2016 OCO Plans:</i></b> N/A						
<b>Accomplishments/Planned Programs Subtotals</b>		8.436	8.480	18.632	-	18.632
<b><u>C. Other Program Funding Summary (\$ in Millions)</u></b> N/A						
<b><u>Remarks</u></b>						
<b><u>D. Acquisition Strategy</u></b> Utilize existing authorities on a case-specific basis to exploit rapid technology transition opportunities.						
<b><u>E. Performance Metrics</u></b> The TIPS program will initiate new projects each year that provide for new, innovative, and potentially disruptive technology being inserted into DON acquisition programs. The TIPS projects will have a greater than 70% success rate of insertion and fielding of technology into DON warfighting systems and/or operations and support cost efforts.						

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 Navy												Date: February 2015			
Appropriation/Budget Activity 1319 / 7						R-1 Program Element (Number/Name) PE 0203761N / <i>Rapid Technology Transition (RTT)</i>				Project (Number/Name) 3173 / <i>Technology Insertion Program for Savings (TIPS)</i>					
Product Development (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Tactical Environment & Role-player Station (TERS)	C/BPA	NAWCTSD : Orlando, FL	1.752	-		-		-		-		-	-	1.752	-
Naval Advanced Amorphous Coating (NAAC) for High Wear Decks	MIPR	EXCET/NRL : NRL	0.650	-		-		-		-		-	-	0.650	-
Transportation Exploitation Tool (TET)	C/CPFF	Alion Science and Technology : VA	1.650	-		-		-		-		-	-	1.650	-
H-1 Combining Gearbox Chaffing Repair via Low Pressure Cold Spray	Various	Various : Various	1.700	-		-		-		-		-	-	1.700	-
ZnBr Flow Battery Energy Storage System	MIPR	NAVFAC ESC : Port Hueneme	1.664	-		-		-		-		-	-	1.664	-
V22 Windscreen Durability	C/BA	Various : Various	0.000	-		-	Oct 2014	-		-		-	-	-	-
Backscatter X-ray for F-18 Depot Level Structural Inspection	C/BA	Various : Various	2.050	-		-		-		-		-	-	2.050	-
Composite Patch Technologies for Aluminum Structures	C/BA	Various : Various	2.194	-		-		-		-		-	-	2.194	-
Global Ammunition Strategic Positioning Model (GASPM)	C/BA	Various : Various	2.100	-		-		-		-		-	-	2.100	-
Revolutionary (Low FOD) Drogue	C/BA	Various : Various	2.000	-		-		-		-		-	-	2.000	-
LCS 1 Class Stern Tube	C/FFP	NSWC : Carderock, MD	0.721	-		0.853	Oct 2014	0.374	Oct 2015	-		0.374	-	1.948	-
AlphaAct	C/CPFF	Redstone Arsenal : Huntsville, AL	0.900	1.100	Dec 2013	-		-		-		-	-	2.000	-
Improved Low Cost Gyro	WR	NUWC : Newport, RI	0.530	0.500	Dec 2013	-		-		-		-	-	1.030	-
Advance Capability Bouyant Cable Antenna	C/FFP	NUWC : Newport, RI	0.847	0.770	Dec 2013	0.293	Oct 2014	-		-		-	-	1.910	-

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Appropriation/Budget Activity 1319 / 7						R-1 Program Element (Number/Name) PE 0203761N / Rapid Technology Transition (RTT)				Project (Number/Name) 3173 / Technology Insertion Program for Savings (TIPS)					
Product Development (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Lot Serial Number Accuracy	C/CPFF	NAVSUP : Mechanicsburg, PA	0.808	-		0.829	Oct 2014	-		-		-	-	1.637	-
Transportation Exploitation Tool (TET 2)	C/CPFF	NAVFAC EXWC : Port Hueneme, CA	0.600	1.400	May 2014	-		-		-		-	-	2.000	-
VCS TEMPALT Electronics Rack	WR	NUWC : Newport, RI	0.850	0.350	Dec 2013	0.300	Oct 2014	-		-		-	-	1.500	-
SPAWAR Quick Reference Guides	C/IDIQ	SPAWAR : San Diego, CA	0.150	-		-		-		-		-	-	0.150	-
FACT for C4I	Various	GTRI : Various	0.377	0.433	May 2014	-		-		-		-	-	0.810	-
Interactive Structural Analysis Environment & Management System	C/BOA	ESRD : St.Louis, MO	0.000	0.600	Apr 2014	0.605	Oct 2014	0.795	Oct 2015	-		0.795	-	2.000	-
Submarine Combat System Architecture Modernization	C/CPIF	General Dynamics : Pittsfield, MA	0.000	0.616	Apr 2014	0.607	Oct 2014	0.627	Oct 2015	-		0.627	-	1.850	-
Autonomous Target Acquisition Weapon Image Source Expansion	Various	Various : Various	0.000	0.700	Apr 2014	0.560	Oct 2014	0.240	Oct 2015	-		0.240	-	1.500	-
Remote Minehunting System Cable Maintenance Winch	C/IDIQ	NAVSEA PMS 403 : Washington DC	0.000	0.500	Apr 2014	0.700	Oct 2014	0.300	Oct 2015	-		0.300	-	1.500	-
Modified Induction Heat Technology for Reduced Cost Removal of SHT	WR	NRL : Washington DC	0.000	0.400	Apr 2014	0.150	Oct 2014	-		-		-	-	0.550	-
Intermediary Application for Key Management Infrastructure	WR	SPAWAR : San Diego, CA	0.000	0.055	Oct 2013	0.445	Oct 2014	1.500	Oct 2015	-		1.500	-	2.000	-
Navy Nuclear Command, Control & Comms Emergency Action Message Enhanced Technology (NEET)	WR	SSC PAC : San Diego, CA	0.000	-		0.800	Oct 2014	1.200	Oct 2015	-		1.200	-	2.000	-



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Product Development (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Transition of Single Vacuum Debulk Repair Technology	WR	Various : Various locations	0.000	-		0.175	Oct 2014	0.825	Oct 2015	-		0.825	-	1.000	-
Virtualization in Submarine Warfare Federated Tactical System	C/CPFF	Progeny Systems : Manassas, VA	0.000	-		0.330	Oct 2014	1.670	Oct 2015	-		1.670	-	2.000	-
Radar Technology Engineering Upgrades	Various	Various(Gov/ Contract mix) : Various locations	0.000	-		0.264	Oct 2014	1.061	Oct 2015	-		1.061	-	1.325	-
Close-In Weapon System Upgrades for CCA & Gyro	TBD	TBD : TBD	0.000	-		-	Oct 2014	2.000	Oct 2015	-		2.000	-	2.000	-
Close-In Weapon System Upgrades for Stabilization Motor	TBD	TBD : TBD	0.000	-		-	Oct 2014	1.725	Oct 2015	-		1.725	-	1.725	-
Framework for Accessing Cost & Technology for Rapid Tech Insertion	TBD	TBD : TBD	0.000	-		-	Oct 2014	2.000	Oct 2015	-		2.000	-	2.000	-
Flexible Signals Exploitation Utilizing a Framework Platform	TBD	TBD : TBD	0.000	-		-	Oct 2014	1.000	Oct 2015	-		1.000	-	1.000	-
Future Naval Cost Savings Opportunities	Various	TBD : TBD	0.000	-		-	Oct 2014	1.315	Oct 2015	-		1.315	-	1.315	-
Subtotal			21.543	7.424		6.911		16.632		-		16.632	-	52.510	-
Management Services (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Various	Various	Various : Various	1.846	1.012	Oct 2013	1.569	Oct 2014	2.000	Oct 2015	-		2.000	Continuing	Continuing	Continuing
Subtotal			1.846	1.012		1.569		2.000		-		2.000	-	-	-

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<b>Exhibit R-3, RDT&amp;E Project Cost Analysis:</b> PB 2016 Navy										<b>Date:</b> February 2015			
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	<b>Prior Years</b>	<b>FY 2014</b>		<b>FY 2015</b>		<b>FY 2016 Base</b>		<b>FY 2016 OCO</b>		<b>FY 2016 Total</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
<b>Project Cost Totals</b>	23.389	8.436		8.480		18.632		-		18.632	-	-	-
<b>Remarks</b>													

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**Exhibit R-4, RDT&E Schedule Profile: PB 2016 Navy**

Date: February 2015

**Appropriation/Budget Activity**

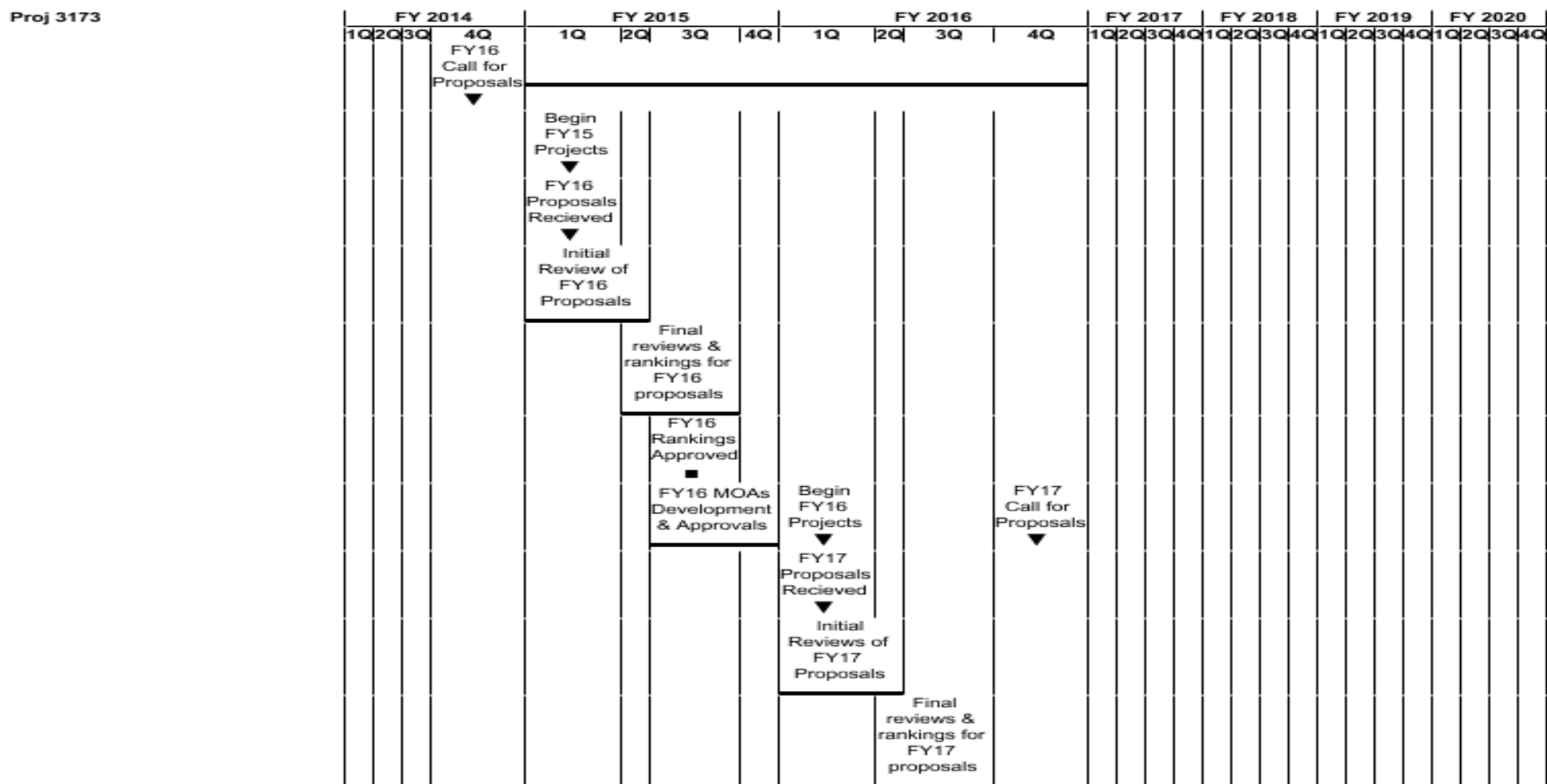
1319 / 7

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PE 0203761N / Rapid Technology Transition (RTT)

Project (Number/Name)	Start Date	End Date	Status	Manager	Budget (USD)	Actual Cost (USD)	Progress (%)	Risk Level	Notes
101	2023-01-15	2023-03-31	Completed	John Doe	150000	148000	100	Low	Project completed ahead of schedule.
102	2023-02-01	2023-04-30	In Progress	Jane Smith	200000	180000	90	Medium	Minor delays in procurement.
103	2023-03-01	2023-05-31	On Hold	Mike Johnson	180000	0	0	High	Waiting for client approval.
104	2023-04-01	2023-06-30	Planned	Sarah Lee	220000	0	0	Medium	Initial planning phase.
105	2023-05-01	2023-07-31	On Hold	David Kim	190000	0	0	Low	Resource allocation pending.
106	2023-06-01	2023-08-31	Planned	Emily White	210000	0	0	Medium	Scope definition in progress.
107	2023-07-01	2023-09-30	On Hold	Chris Brown	170000	0	0	Low	Waiting for budget approval.
108	2023-08-01	2023-10-31	Planned	Alex Green	230000	0	0	Medium	Market research ongoing.
109	2023-09-01	2023-11-30	On Hold	Nina Black	160000	0	0	Low	Vendor selection in progress.
110	2023-10-01	2023-12-31	Planned	Kevin Gray	240000	0	0	Medium	Initial meeting scheduled.

3173 / Technology Insertion Program for Savings (TIPS)



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<b>Exhibit R-4A, RDT&amp;E Schedule Details: PB 2016 Navy</b>			<b>Date:</b> February 2015
<b>Appropriation/Budget Activity</b> 1319 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0203761N / <i>Rapid Technology Transition (RTT)</i>	<b>Project (Number/Name)</b> 3173 / <i>Technology Insertion Program for Savings (TIPS)</i>	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b>Proj 3173</b>				
Oversee Execution of Projects	1	2015	4	2016
FY16 Call for Proposals	4	2014	4	2014
Begin Selected FY15 Projects	1	2015	1	2015
FY16 Proposals Recieved	1	2015	1	2015
FY16 Initial Review of Proposals	1	2015	2	2015
TIPS WG conducts final reviews and ranking	2	2015	3	2015
Dir. of Technology approves FY16 rankings	3	2015	3	2015
FY16 MOAs drafted, Staffed and approved	3	2015	4	2015
FY17 Call for Proposals	4	2016	4	2016
Begin Selected FY16 Projects	1	2016	1	2016
FY17 Proposals Recieved	1	2016	1	2016
FY17 Initial Reviews of Proposals	1	2016	2	2016
FY17 TIPS WG conducts final reviews and ranking	2	2016	3	2016
Dir of Technology approves FY17 rankings	3	2016	3	2016

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Appropriation/Budget Activity 1319 / 7					R-1 Program Element (Number/Name) PE 0203761N / Rapid Technology Transition (RTT)				Project (Number/Name) 3174 / Rapid Development and Deployment (RDD)			
COST (\$ in Millions)	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
3174: Rapid Development and Deployment (RDD)	10.889	0.125	-	-	-	-	-	-	-	-	-	11.014
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		
<b>A. Mission Description and Budget Item Justification</b> Rapid Development and Deployment (RDD) provides an environment and process for rapid development and fielding of prototype solutions to meet urgent operational needs. The RDD process applies when existing DON processes cannot meet urgent operational needs. Overseas Contingency Operations (OCO) have generated rapidly evolving military needs that require responsive materiel solutions. RDD is a fast track process for application, by exception, to Navy and USMC capability needs and materiel solutions that meet the following criteria: (1) Need identified during active or incipient combat or contingency operation, or (2) Need derived from combat survivability of the warfighter or impacts the success of the mission. RDD initiates projects to deliver prototype solutions that are not readily available off-the-shelf and that can be developed, integrated with other components and systems (as necessary), tested, and fielded within 270 days of need approval. RDD provides startup funds to initiate projects that meet the above criteria while other funding is made available within the year of execution. RDD provides an environment and process for rapid development and fielding of prototype solutions to meet urgent operational needs.												
<b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>							FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	
<b>Title:</b> RAPID DEVELOPMENT AND DEPLOYMENT (RDD)							0.125	-	-	-	-	
<b>Articles:</b>							-	-	-	-	-	
<b>FY 2014 Accomplishments:</b> Complete shutdown of the RDD program office and integrate functions into ONR Technology Transition Office.												
<b>FY 2015 Plans:</b> N/A												
<b>FY 2016 Base Plans:</b> N/A												
<b>FY 2016 OCO Plans:</b> N/A												
<b>Accomplishments/Planned Programs Subtotals</b>							0.125	-	-	-	-	
<b>C. Other Program Funding Summary (\$ in Millions)</b> N/A												

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2016 Navy		<b>Date:</b> February 2015
<b>Appropriation/Budget Activity</b> 1319 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0203761N / <i>Rapid Technology Transition (RTT)</i>	<b>Project (Number/Name)</b> 3174 / <i>Rapid Development and Deployment (RDD)</i>
<b>C. Other Program Funding Summary (\$ in Millions)</b>		
<b>Remarks</b>		
<b>D. Acquisition Strategy</b>		
<p>For RDD requirements that meet the selection criteria, the virtual Rapid Development and Deployment Office (RDDO) is used to initiate projects. The RDDO is a virtual organization operating across Naval Laboratories and Warfare Centers, with interfaces and/or contractual agreements with other Military Services, Industry, Academia and the National Laboratory community. The RDDO will bring together, on demand, multi-disciplinary teams to develop and deliver rapid, innovative solutions. The RDDO will maintain visibility of available and emerging technologies from all sources that may serve as enablers to the success of RDD initiatives. The RDDO will review Urgent Combat Needs, identify and evaluate alternative solutions and provide recommendations. The RDDO will include a rapid acquisition channel, consistent with all applicable procurement regulations, for access to industry products and services as needed. For approved projects, the RDDO will select appropriate technologies, and develop, integrate, test, and deliver fieldable prototypes with the essential logistics for use by the warfighter. End users will be involved throughout the process as part of the virtual team.</p>		
<b>E. Performance Metrics</b>		
<p>The RDD program goal is to respond to urgent operational needs within 30 days and provide for rapid development and fielding of prototype solutions within 270 - 360 days.</p>		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 Navy												Date: February 2015			
Appropriation/Budget Activity 1319 / 7						R-1 Program Element (Number/Name) PE 0203761N / Rapid Technology Transition (RTT)				Project (Number/Name) 3174 / Rapid Development and Deployment (RDD)					
Product Development (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
MV-22 Traffic Collision Avoidance System (TCAS)	C/CPFF	NAVAIR : Patuxent River, MD	2.950	-		-		-		-		-	-	2.950	-
V-22 Windscreen Durability Improvements	Various	Various : Various	1.788	-		-		-		-		-	-	1.788	-
Program Shut Down	Various	Various : Various	0.000	0.125	Dec 2013	-		-		-		-	-	0.125	-
BTR Scan Eagle UUNS	Various	Various : Various	1.482	-		-		-		-		-	-	1.482	-
Subtotal			6.220	0.125		-		-		-		-	-	6.345	-
Management Services (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Rapid Development and Deployment Office	WR	Various : Various	4.669	-		-		-		-		-	-	4.669	-
Subtotal			4.669	-		-		-		-		-	-	4.669	-
			Prior Years	FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			10.889	0.125		-		-		-		-	-	11.014	-
Remarks															



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Exhibit R-4, RDT&E Schedule Profile: PB 2016 Navy			Date: February 2015		
Appropriation/Budget Activity 1319 / 7		R-1 Program Element (Number/Name) PE 0203761N / Rapid Technology Transition (RTT)		Project (Number/Name) 3174 / Rapid Development and Deployment (RDD)	

	FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Proj 3174																												
Complete Shut Down of Program																												

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2016 Navy			<b>Date:</b> February 2015
<b>Appropriation/Budget Activity</b> 1319 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0203761N / <i>Rapid Technology Transition (RTT)</i>	<b>Project (Number/Name)</b> 3174 / <i>Rapid Development and Deployment (RDD)</i>	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b><i>Proj 3174</i></b>				
Complete Shut Down of Program	1	2014	1	2014