

UNCLASSIFIED

Exhibit R-2A, RDTE&E Project Justification: PB 2012 Navy

DATE: February 2011

**APPROPRIATION/BUDGET ACTIVITY**  
 1319: Research, Development, Test & Evaluation, Navy  
 BA 5: Development & Demonstration (SDD)

**R-1 ITEM NOMENCLATURE**  
 PE 0604558N: New Design SSN

**PROJECT**  
 9999: Congressional Adds

COST (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
9999: Congressional Adds	30.274	-	-	-	-	-	-	-	-	0.000	30.274
Quantity of RDTE&E Articles	0	0	0	0	0	0	0	0	0		

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

Congressional Adds.

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

<b>Congressional Add:</b> Advanced Manufacturing for Submarine Bow Domes and Rubber Boots	FY 2010	FY 2011
	1.593	-
<b>FY 2010 Accomplishments:</b> Develop manufacturing processes for bow domes w/o autoclave		
<b>Congressional Add:</b> Common Command and Control System Module	4.780	-
<b>FY 2010 Accomplishments:</b> Develop a Common Command and Control System Module for submarines that is less costly and facilitates more efficient upgrades / changes and use of personnel.		
<b>Congressional Add:</b> Mold in Place Coating Development for the Submarine Fleet	1.992	-
<b>FY 2010 Accomplishments:</b> Development of Mold-In-Place (or Cast-In-Place) technology for composite bow domes.		
<b>Congressional Add:</b> SMALL BUSINESS TECHNOLOGY INSERTION	19.917	-
<b>FY 2010 Accomplishments:</b> Research and development efforts for fresh, creative, and innovative solutions to the Navy's requirements for high risk/high reward components of submarine combat system development. Various combat system component technology insertions/upgrades (torpedo, photonics, navigation data distribution, etc.) to reduce the cost of ship acquisition.		
<b>Congressional Add:</b> Submarine Automated Test and Re-Test (ATTR)	1.992	-
<b>FY 2010 Accomplishments:</b> Submarine Automated Test and Re-Test (ATTR) Develop an application to use Automated Test and Re-Test (ATTR) technology in testing of submarine systems.		
<b>Congressional Adds Subtotals</b>	30.274	-

UNCLASSIFIED