CLASSIFICATION:	UNCLASSIFIED						
EXHIBIT R-2, RDT&E BUDGET ITEM JUSTIFICATION						DATE February 2008	
APPROPRIATION/BUDGET ACTIVITY **RDTEN/BA 7**			R-1 ITEM NOMENCLATURE **0708730N/MARITIME TECHNOLOGY (MARITECH)**				
COST (In Millions)	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
Total PE Cost	19.914	13.911	0.000	0.000	0.000	0.000	0.000
9999 / CONGRESSIONAL ADDS	19.914	13.911	0.000	0.000	0.000	0.000	0.000

A. MISSION DESCRIPTION:

(U) Project 9999 - See the R2a for Congressional Add descriptions.

B. PROGRAM CHANGE SUMMARY:

Funding:	FY 2007	FY 2008	FY 2009
FY 2008 President's Budget	20.422	0.000	0.000
FY 2009 President's Budget	19.914	13.911	0.000
Total Adjustments	-0.508	13.911	0.000
Congressional Add		14.000	
Undistributed/General Reductions	-0.508	-0.089	0.000
Subtotal	-0.508	13.911	0.000

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EXHIBIT R-2a, RDT&E PROJECT JUSTIFICATION		DATE February 2008
APPROPRIATION/BUDGET ACTIVITY **RDTEN/BA 7**	PROGRAM ELEMENT NUMBER AND NAME **0708730N/MARITIME TECHNOLOGY (MARITECH)**	PROJECT NUMBER AND NAME **9999/CONGRESSIONAL ADDS**

B. ACCOMPLISHMENTS/PLANNED PROGRAM:

	FY 2007	FY 2008	FY 2009
9B13N/National Shipbuilding Research Program	14.573	11.924	0.000
RDT&E Articles Quantity	0	0	0

(U) FY 2007 - Provides funding for various shipbuilding and ship repair technology development projects specifically focused on reducing the cost of Navy ship design, construction and repair through NSRP. The NSRP is an industry directed, Navy co-sponsored, cost sharing, collaborative shipbuilding technology research consortium focused on reducing the cost of Navy shipbuilding and ship repair. It utilizes a unique legal mechanism which allows cooperation across the U.S. shipbuilding industry, while avoiding anti-trust concerns. It is structured as a collaboration of eleven major U.S. shipyards focused on industry-wide implementation of solutions to multi-yard, multi-program common cost drivers.
(U) FY 2008 - Continued effort from FY 07.

	FY 2007	FY 2008	FY 2009
9858C/Navy Automatic Identification Technology	2.429	0.795	0.000
RDT&E Articles Quantity	0	0	0

(U) The Navy Automatic Identification Technology (AIT) Engineering Support Center (ESC) allows the Navy to incorporate AIT technologies and processes into the upfront planning of ship and aircraft acquisition programs, expeditionary forces, logistics, special operations forces, and all maintenance communities. Navy AIT ESC establishes the infrastructure for core life-cycle support to preclude redundancy and promote standardization as differing Navy organizations institute AIT-enabled systems/processes. AIT is a rapidly developing capability and its introduction and use must be coordinated throughout the Navy to ensure the most appropriate and cost-effective technologies are adopted. The Navy AIT ESC will operate as a Navy Service Office, administratively supported by the Naval Supply Systems Command (NAVSUP) Headquarters.

	FY 2007	FY 2008	FY 2009
9B14N/NAWC Asset Visibility Business Process Improvement	1.941	0.000	0.000
RDT&E Articles Quantity	0	0	0

(U)The NAWC AV BPI provides for the accelerated test, implementation, and evaluation of a passive radio frequency identification (pRFID) set of technologies with relational supply (R-SUPPLY) Force in a Naval Warfare Center environment. The Navy, working with suppliers, must accelerate integration of this needed technology into the Navy□s supply chain management process, specifically, receiving operations on the front end performed at Fleet and Industrial Supply Center (FISC) partner sites. This technology will directly enhance support to the combat commanders in support of War Operations by providing the tracking and accountability necessary to ensure critical material visibility, traceability, and availability. This initiative is of critical importance supporting Naval Air Warfare Centers and ensuring needed aircraft avionics, air-launched weapons, electronic warfare systems, cruise missiles, and unmanned aerial vehicles and other equipment related to Navy and Marine Corps air power are available for operational superiority.

CLASSIFICATION:	UNCLASSIFIED	
EXHIBIT R-2a, RDT&E PROJECT JUSTIFICATION (CONTINUATION)		DATE February 2008
APPROPRIATION/BUDGET ACTIVITY **RDTEN/BA 7**	PROGRAM ELEMENT NUMBER AND NAME **0708730N/MARITIME TECHNOLOGY (MARITECH)**	PROJECT NUMBER AND NAME **9999/CONGRESSIONAL ADDS**

	FY 2007	FY 2008	FY 2009
9B12N/Shipyard Enterprise Warehouse Management System	0.971	0.000	0.000
RDT&E Articles Quantity	0	0	0

(U)Funding will provide a commercial Enterprise Warehouse Management System (EWMS), Radio Frequency Identification (RFID), and Common Access Card (CAC) Technology solution set. It will provide the functionality and capability to track, account, and provide Total Asset Visibility (TAV) of critically needed components and material urgently needed for overhaul, repair, and maintenance of Navy Combat Ships and Support Platforms for contingency or wartime operations. As the Navy transitions to a more responsive method of completing ship repair availabilities, the logistics business processes and information technology (IT) systems must keep pace. Both the shipyards and their stakeholders fully recognize that if they are to continue to support the increasing operational needs of the Warfighter in an ever tightening budget environment, Shipyards must repair and overhaul ships on time and within budget.

	FY 2007	FY 2008	FY 2009
9999/Enhanced Tracking and Asset Control (ETAC)	0.000	1.192	0.000
RDT&E Articles Quantity	0	0	0

(U)Enhanced Tracking and Asset Control (ETAC) - The funding would be used by the Navy to implement ETAC at Navy repair, stock point and distribution sites across Navy air, surface, submarine and warfare center support environments.