

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2 Exhibit)							February 2006		
BUDGET ACTIVITY 7 - Operational system development			PE NUMBER AND TITLE 0208058A - Joint High Speed Vessel (JHSV)					PROJECT JH1	
COST (In Thousands)	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	Cost to Complete	Total Cost
JH1 JOINT HIGH SPEED VESSEL MANUFACTURING TECHNOLOGY	0	3215	20397	5148	2955	3155	3274	0	22690
<p><u>A. Mission Description and Budget Item Justification:</u> The Joint High Speed Vessel (JHSV) program is a merger of the Army's Theater Support Vessel (TSV) program and the Marine Corps/Navy High Speed intra-theater surface Connector (HSC) program into a joint (multi-service) High Speed Vessel program. The JHSV program takes advantage of inherent commonality hull forms to create a more flexible asset for the Department of Defense and leverage the Navy's core competency in ship acquisition. The JHSV program will provide high speed intra-theater surface connector capability to rapidly deploy selected portions of the Joint Force that can immediately transition to execute, even in the absence of developed infrastructure, and conduct deployment and sustainment activities in support of multiple simultaneous, distributed, decentralized battles and campaigns. The primary missions include: support to Theater Security Cooperation Program (TSCP) and Global War on Terrorism (GWOT), littoral maneuver, and seabasing support. Department of Army (DA) and Department of Navy (DoN) will maintain separate and distinct funding streams to support this joint program. DA will resource to the critical Army requirement set validated for the joint Initial Capabilities Document (ICD) for High Speed Intra-theater Surface Connector (HSC). DA and DoN will focus on the development of common capabilities, each Department will source their unique developmental costs for unique service capabilities that cannot be incorporated into a combined solution set.</p>									
<u>Accomplishments/Planned Program</u>						<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	
FY06-FY07: Provide Program Management Support.						0	800	850	
FY06-FY07: Provides Acquisition/Documentation Development.						0	2415	1845	
FY07: Continues Technical/Design Development						0	0	17702	
Total						0	3215	20397	

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PROJECT
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<u>B. Program Change Summary</u>	FY 2005	FY 2006	FY 2007
Previous President's Budget (FY 2006)	0	3261	5090
Current BES/President's Budget (FY 2007)	0	3215	20397
Total Adjustments	0	-46	15307
Congressional Program Reductions		-14	
Congressional Rescissions		-32	
Congressional Increases			
Reprogrammings			15307
SBIR/STTR Transfer			
Adjustments to Budget Years			

C. Other Program Funding Summary	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Compl	Total Cost
RDT&E, 0604804A, 461, Marine Oriented Logistics, Engineering	54737	0	0	0	0	0	0	0	54737
OPA 3, M11203, Joint High Speed Vessel (JHSV),	0	0	0	303807	306263	156616	156900	0	923586

FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Compl	Total Cost
54737	0	0	0	0	0	0	0	54737
0	0	0	303807	306263	156616	156900	0	923586

FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Compl	Total Cost
0	0	0	0	0	0	0	54737
0	0	303807	306263	156616	156900	0	923586

FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Compl	Total Cost
0	0	0	0	0	0	54737
0	303807	306263	156616	156900	0	923586

FY 2008	FY 2009	FY 2010	FY 2011	To Compl	Total Cost
0	0	0	0	0	54737
303807	306263	156616	156900	0	923586

FY 2009	FY 2010	FY 2011	To Compl	Total Cost
0	0	0	0	54737
306263	156616	156900	0	923586

FY 2010	FY 2011	To Compl	Total Cost
0	0	0	54737
156616	156900	0	923586

FY 2011	To Compl	Total Cost
0	0	54737
156900	0	923586

To Compl	Total Cost
0	54737
0	923586

Total Cost
54737
923586

RDT&E, 0604804A, 461, Marine Oriented Logistics, Engineering	54737	0	0	0	0	0	0	0	54737
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306263	156616	156900	0	923586
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156616	156900	0	923586
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156900	0	923586
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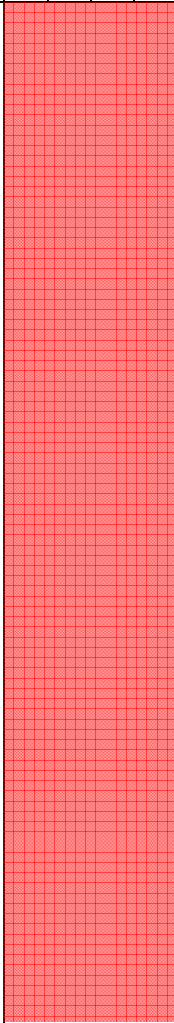




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D. Acquisition Strategy The JHSV program will combine the two separate programs (Theater Support Vessel (TSV) - Army and High Speed Connector (HSC) - Navy) and take advantage of inherent commonality of hull forms to create a more flexible asset for the Department of Defense. Based on the efforts accomplished and data collected to date by the two services, it appears that a hardware solution will incorporate the evolutionary development of commercial based high speed vessel technology employing integrated military unique capabilities/adaptations. The JHSV would be acquired competitively and production would be based in the United States. The Joint High Speed Vessel (JHSV) program Acquisition Strategy is current under development. The JHSV program Mileston A Defense Acquisition Board (DAB) is planned for April 2006.

ARMY RDT&E COST ANALYSIS (R3)										February 2006		
BUDGET ACTIVITY				PE NUMBER AND TITLE						PROJECT		
7 - Operational system development				0208058A - Joint High Speed Vessel (JHSV)						JH1		
I. Product Development	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2005 Cost	FY 2005 Award Date	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Acquisition/Documentation Development	MIPR	PEO Ships Washington Navy Yard, DC	0	0		2415	1-2Q	1845	1-2Q	0	4260	0
Technical/Design Development	MIPR	PEO Ships Washington Navy Yard, DC	0	0		0		17702	1-2Q	0	17702	0
Subtotal:			0	0		2415		19547		0	21962	0
II. Support Costs	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2005 Cost	FY 2005 Award Date	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Subtotal:			0									
III. Test And Evaluation	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2005 Cost	FY 2005 Award Date	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Subtotal:			0									
IV. Management Services	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2005 Cost	FY 2005 Award Date	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Program Management Support	PWD	PM Force Projection, TACOM, Warren, MI	0	0		800	1-2Q	850	1-2Q	0	1650	0
Subtotal:			0	0		800		850		0	1650	0

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Project Total Cost:			0	0	3215	20397	0	23612	0

Schedule Profile (R4 Exhibit)																		February 2006																	
BUDGET ACTIVITY								PE NUMBER AND TITLE																		PROJECT									
7 - Operational system development								0208058A - Joint High Speed Vessel (JHSV)																		JH1									
Event Name								FY 05				FY 06				FY 07				FY 08				FY 09				FY 10				FY 11			
								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
(1) Acquisition Milestones, (2) Acquisition Milestones												 MS A				 MS B																			
Source Selection																																			
(3) Award Lead Vessel																																			

Schedule Detail (R4a Exhibit)						February 2006	
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<u>Schedule Detail</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011</u>
Acquisition Milestones		2Q		1Q			
Source Selection			2-4Q	1Q			
Award Lead Vessel(Army)				2Q			