

**UNCLASSIFIED**

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 4: Advanced Component Development & Prototypes (ACD&P)					R-1 Program Element (Number/Name) PE 0605812M I (U)Joint Light Tactical Vehicle(JLTV) EMD							
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
Total Program Element	35.563	50.251	9.445	36.656	-	36.656	23.614	2.109	2.892	1.965	Continuing	Continuing
3209: Joint Light Tactical Vehicle	35.563	50.251	9.445	36.656	-	36.656	23.614	2.109	2.892	1.965	Continuing	Continuing
Program MDAP/MAIS Code: 279												
Note The FY 2011 NDAA directed the Services to separate the Joint Light Tactical Vehicle (JLTV) program into distinct PEs to provide Congress with increased transparency and allow for more effective oversight. Transition of funding from PE 0603635M to the new JLTV PE 0605812M was effective beginning in FY 2013.  Hardware requirements for EMD include vehicles, trailers, ballistic hulls, and kits (including armor). The U.S. Marine Corps' share of the prototypes was awarded in FY 2012, and the prototypes were fabricated and delivered in FY 2013.  A. Mission Description and Budget Item Justification Funding supports the development and testing of the Joint Light Tactical Vehicle (JLTV) Family of Vehicles (FoV). JLTV is a joint program between the U.S. Army and the U.S. Marine Corps, of which the U.S. Army is the lead service. JLTV is a FoV capable of performing multiple mission roles designed to provide protected, sustained and networked mobility for personnel and payloads across the full Range of Military Operations (ROMO). JLTV objectives include increased protection and performance over the current legacy HMMWV fleet, minimizing ownership costs by maximizing commonality, fuel efficiency and reliability. The commonality of components, maintenance procedures, training, etc, among vehicles, is expected to be inherent in FoV solutions across mission variants to minimize total ownership cost. Unique service requirements have been minimized.  Major FY 2016 budget activities include the continued monitoring of contractor performance, continued fabrication of Live Fire Test Assets and the initialization of the LRIP test program to include ballistic, performance and RAM testing scheduled to start in 3Q FY 2016.												

**UNCLASSIFIED**

Exhibit R-2, RDT&E Budget Item Justification: PB 2016 Navy				Date: February 2015	
Appropriation/Budget Activity		R-1 Program Element (Number/Name)			
1319: Research, Development, Test & Evaluation, Navy I BA 4: Advanced Component Development & Prototypes (ACD&P)		PE 0605812M I (U)Joint Light Tactical Vehicle(JLTV) EMD			
B. Program Change Summary (\$ in Millions)	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Previous President's Budget	50.362	11.450	34.325	-	34.325
Current President's Budget	50.251	9.445	36.656	-	36.656
Total Adjustments	-0.111	-2.005	2.331	-	2.331
• Congressional General Reductions	-	-0.005			
• Congressional Directed Reductions	-	-2.000			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	1.675	-			
• SBIR/STTR Transfer	-1.785	-			
• Program Adjustments	-	-	3.000	-	3.000
• Rate/Misc Adjustments	-0.001	-	-0.669	-	-0.669
Change Summary Explanation					
The FY 2016 funding request was reduced by \$0.388M to account for the availability of prior year execution balances. Funding increased (\$27.211M) from FY 2015 to FY 2016 due to the initiation of the LRIP test program and continued procurement of Live Fire Test Assets.					

**UNCLASSIFIED**

Exhibit R-2A, RDT&E Project Justification: PB 2016 Navy										Date: February 2015		
Appropriation/Budget Activity 1319 / 4					R-1 Program Element (Number/Name) PE 0605812M / (U)Joint Light Tactical Vehicle(JLTV) EMD				Project (Number/Name) 3209 / Joint Light Tactical Vehicle			
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
3209: Joint Light Tactical Vehicle	35.563	50.251	9.445	36.656	-	36.656	23.614	2.109	2.892	1.965	Continuing	Continuing
Quantity of RDT&E Articles		-	8	2	-	2	-	1	-	-		
Note The FY 2011 NDAA directed the Services to separate the Joint Light Tactical Vehicle (JLTV) program into a separate PE to provide Congress with increased transparency and allow for more effective oversight. Transition of funding from PE 0603635M to the new JLTV PE 0605812M was effective beginning in FY 2013.												
A. Mission Description and Budget Item Justification Funding supports the development and testing of the Joint Light Tactical Vehicle (JLTV) Family of Vehicles (FoV). JLTV is a joint program between the U.S. Army and the U.S. Marine Corps, of which the U.S. Army is the lead service. JLTV is a FoV capable of performing multiple mission roles designed to provide protected, sustained and networked mobility for personnel and payloads across the full Range of Military Operations (ROMO). JLTV objectives include increased protection and performance over the current legacy HMMWV fleet, minimizing ownership costs by maximizing commonality, fuel efficiency and reliability. The commonality of components, maintenance procedures, training, etc, among vehicles, is expected to be inherent in FoV solutions across mission variants to minimize total ownership cost. Unique service requirements have been minimized.  Major FY 2016 budget activities include the continued monitoring of contractor performance, continued fabrication of Live Fire Test Assets and the initialization of the LRIP test program to include ballistic, performance and RAM testing scheduled to start in 3Q FY 2016.  Funding increased (\$27.211M) from FY 2015 to FY 2016 due to the initiation of the LRIP test program and continued procurement of Live Fire Test Assets.												
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)							FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	
Title: Primary and Ancillary Hardware Development - AM General  Articles:							5.591	-	-	-	-	
							-	-	-	-	-	
FY 2014 Accomplishments: -Continued participation in government testing and vendor systems engineering. Test events included performance, reliability, live fire, roof crush and corrosion.												
FY 2015 Plans: N/A												
FY 2016 Base Plans:												

**UNCLASSIFIED**

Exhibit R-2A, RDT&E Project Justification: PB 2016 Navy				Date: February 2015		
Appropriation/Budget Activity 1319 / 4		R-1 Program Element (Number/Name) PE 0605812M / (U)Joint Light Tactical Vehicle(JLTV) EMD		Project (Number/Name) 3209 / Joint Light Tactical Vehicle		
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
N/A						
FY 2016 OCO Plans: N/A						
Title: Primary and Ancillary Hardward Development - Lockheed Martin		5.591	-	-	-	-
Articles:		-	-	-	-	-
FY 2014 Accomplishments: -Continued participation in government testing and vendor systems engineering. Test events included performance, reliability, live fire, roof crush and corrosion.						
FY 2015 Plans: N/A						
FY 2016 Base Plans: N/A						
FY 2016 OCO Plans: N/A						
Title: Primary and Ancillary Hardware Development - Oshkosh Corporation		5.591	-	-	-	-
Articles:		-	-	-	-	-
FY 2014 Accomplishments: -Continued participation in government testing and vendor systems engineering. Test events included performance, reliability, live fire, roof crush and corrosion.						
FY 2015 Plans: N/A						
FY 2016 Base Plans: N/A						
FY 2016 OCO Plans: N/A						
Title: Live Fire Test Assets		-	6.528	7.737	-	7.737
Articles:		-	8	2	-	2

**UNCLASSIFIED**

Exhibit R-2A, RDT&E Project Justification: PB 2016 Navy			Date: February 2015			
Appropriation/Budget Activity 1319 / 4		R-1 Program Element (Number/Name) PE 0605812M / (U)Joint Light Tactical Vehicle(JLTV) EMD	Project (Number/Name) 3209 / Joint Light Tactical Vehicle			
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Description: Contract and support for development and fabrication of Live Fire Test Assets						
FY 2014 Accomplishments: N/A						
FY 2015 Plans: -Initiate contract award efforts for Live Fire Test Assets. Assets will be destroyed during ballistic testing.						
FY 2016 Base Plans: -Initate efforts in support of the fabrication of Live Fire Test Assets that will be destroyed during ballistic testing and FSR support for live fire testing.						
FY 2016 OCO Plans: N/A						
Title: Product Development Systems Engineering		0.760	0.185	-	-	-
Articles:		-	-	-	-	-
FY 2014 Accomplishments: -Continued the systems engineering evaluation of human systems integration of the three EMD vendor designs.						
FY 2015 Plans: -Continue the systems engineering evaluation of human systems integration of the three EMD vendor designs.						
FY 2016 Base Plans: N/A						
FY 2016 OCO Plans: N/A						
Title: ILS, Facilities Documentation/Analysis and Support Engineering		1.768	0.430	9.607	-	9.607
Articles:		-	-	-	-	-
FY 2014 Accomplishments: -Continued logistics support (i.e. training) for the limited user testing (LUT). -Developed logistics documentation, GFE management, and provided oversight of programmatic and contractual issues related to logistics.						
FY 2015 Plans:						

**UNCLASSIFIED**

Exhibit R-2A, RDT&E Project Justification: PB 2016 Navy				Date: February 2015		
Appropriation/Budget Activity 1319 / 4		R-1 Program Element (Number/Name) PE 0605812M / (U)Joint Light Tactical Vehicle(JLTV) EMD		Project (Number/Name) 3209 / Joint Light Tactical Vehicle		
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
<div>-Continue logistics support.</div> <div>-Continue the development of logistics documentation and oversight of programmatic and contractual issues related to logistics.</div> <div>FY 2016 Base Plans:</div> <div>-Continue logistics support.</div> <div>-Continue the development of logistics documentation and oversight of programmatic and contractual issues related to logistics to include the requirement to purchase GFE which will be destroyed during live fire test events.</div> <div>FY 2016 OCO Plans:</div> <div>N/A</div>						
<div>Title: Test and Evaluation Events and Analysis</div> <div>Articles:</div> <div>FY 2014 Accomplishments:</div> <div>-Completed EMD prototype testing to include (but not limited to) Automated Fire Extinguishing System (AFES), ballistic, corrosion, performance and RAM testing.</div> <div>-Completed Limited User Testing upon the completion of the previous test events.</div> <div>FY 2015 Plans:</div> <div>-Complete EMD test reports in support of MS C and LRIP source selection.</div> <div>-Initiate development of the LRIP test plan and conduct ballistic testing.</div> <div>FY 2016 Base Plans:</div> <div>-Complete the development of the LRIP test plan.</div> <div>-Initiate the LRIP test program to include (but not limited to) AFES, ballistic, corrosion, performance, RAM testing, logistics demonstration and operational testing.</div> <div>FY 2016 OCO Plans:</div> <div>N/A</div>		22.999 -	0.916 -	17.179 -	- -	17.179 -
<div>Title: Program Management Support</div> <div>Articles:</div> <div>FY 2014 Accomplishments:</div>		7.951 -	1.386 -	2.133 -	- -	2.133 -

**UNCLASSIFIED**

Exhibit R-2A, RDT&E Project Justification: PB 2016 Navy								Date: February 2015				
Appropriation/Budget Activity 1319 / 4				R-1 Program Element (Number/Name) PE 0605812M I (U)Joint Light Tactical Vehicle(JLTV) EMD				Project (Number/Name) 3209 I Joint Light Tactical Vehicle				
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)								FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
<div>-Continued support of EMD phase program operations, including the ramp-up of onsite test representatives that supported EMD phase testing.</div> <div>-Continued monitoring contract performance of the EMD vendors.</div> <div>-Initiated analysis and documentation efforts in support of MS C in 4Q FY 2015.</div> <div><b>FY 2015 Plans:</b></div> <div>-Continue support of EMD phase program operations and planning activities for MS C and LRIP.</div> <div>-Complete EMD contracting efforts to include closeout activities.</div> <div>-Continue analysis and documentation efforts in support of MS C in 4Q FY 2015 and the subsequent LRIP source selection.</div> <div>-Initiate monitoring of vendor performance for the Live Fire Test Asset effort.</div> <div><b>FY 2016 Base Plans:</b></div> <div>-Initiate support of LRIP phase program operations.</div> <div>-Continue monitoring of vendor performance for the Live Fire Test Asset effort.</div> <div><b>FY 2016 OCO Plans:</b></div> <div>N/A</div>												
Accomplishments/Planned Programs Subtotals								50.251	9.445	36.656	-	36.656
C. Other Program Funding Summary (\$ in Millions)												
Line Item	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	
• PMC/5095: 0206211M- JLTV	-	7.500	79.429	-	79.429	155.280	540.770	615.741	678.749	545.254	2,622.723	
• OPA/D15603: JLTV (Army)	-	164.615	308.336	-	308.336	598.549	837.043	1,092.066	1,113.019	Continuing	Continuing	
• RDTEA/VU9: 0605812A-JLTV (Army)	81.388	45.694	32.486	-	32.486	25.566	3.213	3.085	3.143	Continuing	Continuing	
• RDTEN/3209: 0603635M-JLTV	-	-	-	-	-	-	-	-	-	-	191.686	
• RDTEA/L04: 0603804A-JLTV (Army)	-	-	-	-	-	-	-	-	-	-	185.468	
• RDTEA/L50: 0604804A-JLTV (Army)	-	-	-	-	-	-	-	-	-	-	84.484	

**UNCLASSIFIED**

Exhibit R-2A, RDT&E Project Justification: PB 2016 Navy										Date: February 2015	
Appropriation/Budget Activity 1319 / 4				R-1 Program Element (Number/Name) PE 0605812M I (U)Joint Light Tactical Vehicle(JLTV) EMD				Project (Number/Name) 3209 I Joint Light Tactical Vehicle			
C. Other Program Funding Summary (\$ in Millions)											
Line Item	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
Remarks											
Joint Program Live Fire Test Asset/LRIP contract award planned for 4Q FY 2015.											
D. Acquisition Strategy											
Joint Light Tactical Vehicle (JLTV) is a Joint Service Program with the U.S. Army and Marine Corps as the two main components. The U.S. Army is the JLTV service lead. In addition, the Navy anticipates procuring JLTV vehicles upon successful Full Rate Production (FRP) decision.											
The program will use an evolutionary approach to deliver capabilities in increments based on program priorities. All technologies entering the Engineering and Manufacturing Development (EMD) phase were Technology Readiness Level 6 or higher to achieve Capabilities Development Document (CDD) requirements. Increment I will produce two Mission Role Variant (MRV) configurations (Combat Tactical Vehicle (CTV) and Combat Support Vehicle (CSV)) with mission packages (General Purpose, Heavy Guns Carrier, Close Combat Weapons Carrier and Utility/Shelter Carrier). Increment 2 is undefined.											
The program revised the acquisition strategy in the first quarter of FY 2012, addressing better buying power initiatives and reduced the program schedule by fifteen (15) months to enable a 33-month Non-Development Item approach for EMD, with Milestone B approved on 9 August 2012. The program anticipates Milestone C decision in July 2015. Through a full and open competition, the program awarded three fixed price contracts for EMD phase on 22 August 2012 to AM General, Lockheed Martin and Oshkosh Corporations.											
EMD vendors fabricated a total of 66 vehicles (22 test assets per vendor) representing mission packages for both MRVs which the Government will fully test during EMD.											
Vehicles were delivered in the fourth quarter of FY 2013 to begin the fourteen (14) month government performance and reliability testing, which focused on demonstrating Key Performance Parameters/Key System Attributes (KPP/KSA) and safety requirements. Test strategy represented a mix of vendor risk reduction testing and formal government testing.											
The JLTV Joint Program Office (JPO) intends to award a Low Rate Initial Production (LRIP)/Full Rate Production (FRP) contract under a limited competition between the three JLTV EMD contractors. An approved Justification and Approval (J&A) signed by the Army Acquisition Executive on 8 May 2014, supported the release of the draft Request for Proposal (RFP) on 26 June 2014 and limited the competition for the LRIP/FRP contract to the three EMD vendors. The JLTV JPO made adjustments to the draft RFP as directed by the Defense Acquisition Executive and the OSD peer review. The final RFP was released on 12 December 2014 and the solicitation is scheduled to close on 10 February 2015. The Milestone C Defense Acquisition Board is scheduled for July 2015 and LRIP/FRP contract award in the 4th quarter of FY 2015. It is intended to be a single award, fixed price contract consisting of a three year LRIP period with options for five additional years of FRP deliveries. The Government also intends to request separately priced firm fixed price (FFP) option(s) for purchase of the Technical Data Package (TDP) with appropriate data rights to allow for possible future competition for production vehicles as well as spares.											



UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2016 Navy		Date: February 2015
Appropriation/Budget Activity 1319 / 4	R-1 Program Element (Number/Name) PE 0605812M / (U)Joint Light Tactical Vehicle(JLTV) EMD	Project (Number/Name) 3209 / Joint Light Tactical Vehicle

**E. Performance Metrics**  
Milestone Reviews

**UNCLASSIFIED**

Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 Navy												Date: February 2015			
Appropriation/Budget Activity 1319 / 4						R-1 Program Element (Number/Name) PE 0605812M / (U)Joint Light Tactical Vehicle(JLTV) EMD				Project (Number/Name) 3209 / Joint Light Tactical Vehicle					
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
Primary Hardware Development - EMD	C/FFP	AM General : South Bend, IN	0.000	5.591	Nov 2013	-		-		-		-	-	5.591	63.808
Primary Hardware Development - EMD	C/FFP	Lockheed Martin : Grand Prairie, TX	15.423	5.591	Nov 2013	-		-		-		-	-	21.014	65.106
Primary Hardware Development - EMD	C/FFP	Oshkosh Corporation : Oshkosh, WI	4.467	5.591	Nov 2013	-		-		-		-	-	10.058	56.663
Systems Engineering - Human Systems Integration	WR	NSWC : Dahlgren, VA	0.590	0.760	Nov 2013	0.185	Nov 2014	-		-		-	-	1.535	-
Prior Years Cumulative Funding	Various	Various : Various	0.155	-		-		-		-		-	-	0.155	-
Live Fire Test Assets	C/FFP	TBD : TBD	0.000	-		6.528	Jul 2015	7.737	Dec 2015	-		7.737	Continuing	Continuing	Continuing
Subtotal			20.635	17.533		6.713		7.737		-		7.737	-	-	-
Remarks															
EMD contracts are jointly funded with the U.S. Army; contracts were executed in FY 2012 and U.S. Marine Corps funding was provided in PE 0603635M. Target value of the contract includes obligations incurred by both services.															
FY 2015 funding will provide for the fabrication of eight Live Fire Test Assets. FY 2016 funding has increased from FY 2015 and includes fabrication of two Live Fire Test Assets and vendor support for live fire test events.															
Total estimated target value of the Live Fire Test contract is shared between the U.S. Army and the U.S. Marine Corps. The U.S. Army funds are under PE 0605812A Project VU9.															
Support (\$ 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
Integrated Logistics Support	Various	Various : Various	0.500	0.143	Feb 2014	-		-		-		-	-	0.643	-
SPAWAR GFE Management	MIPR	SPAWAR : Charleston, SC	0.150	0.191	May 2014	-		-		-		-	-	0.341	-

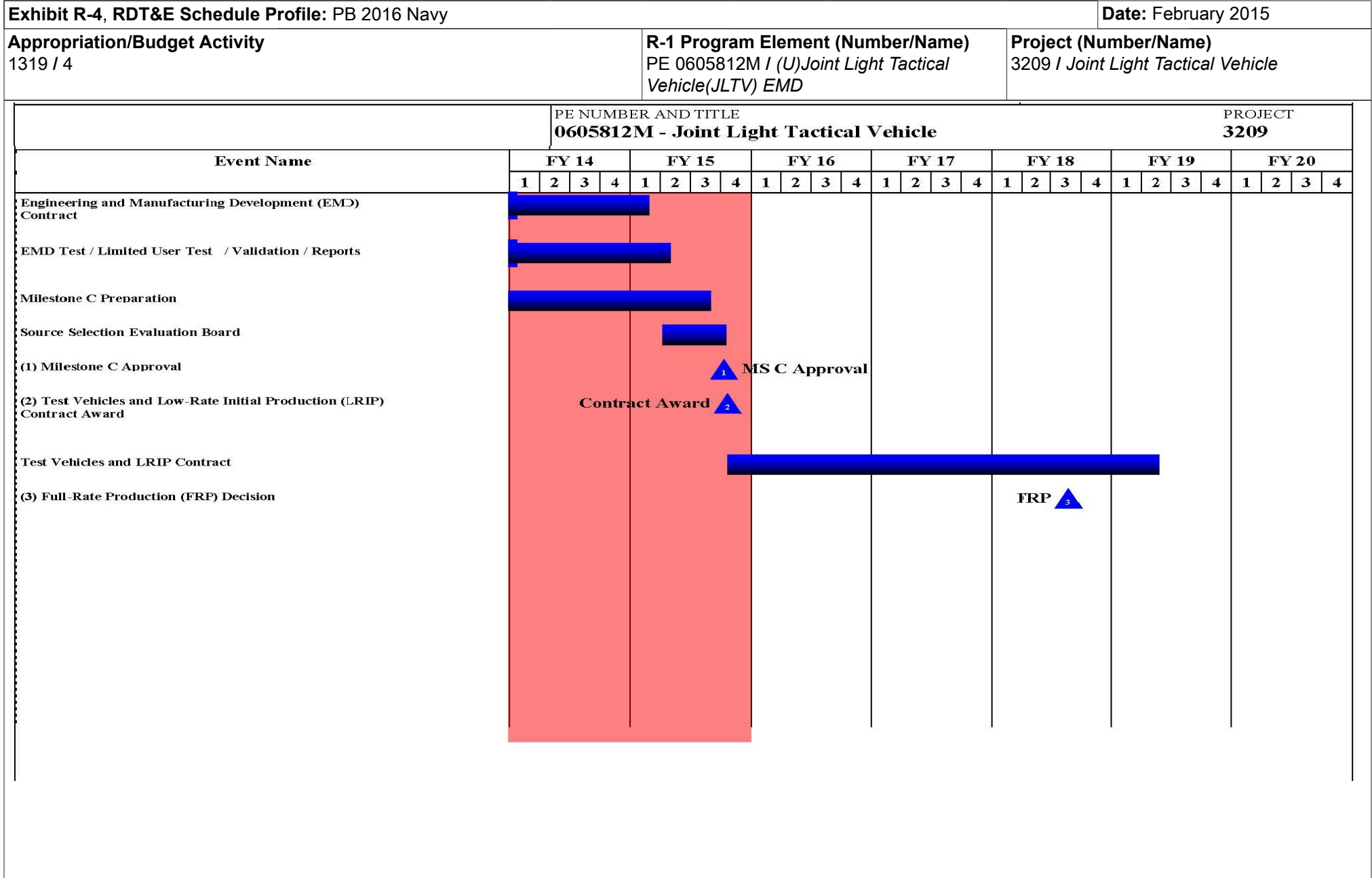
**UNCLASSIFIED**

<b>Exhibit R-3, RDT&amp;E Project Cost Analysis: PB 2016 Navy</b>												<b>Date: February 2015</b>			
<b>Appropriation/Budget Activity</b> 1319 / 4						<b>R-1 Program Element (Number/Name)</b> PE 0605812M / (U)Joint Light Tactical Vehicle(JLTV) EMD						<b>Project (Number/Name)</b> 3209 / Joint Light Tactical Vehicle			
<b>Support (\$ in Millions)</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 Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Prior Years</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
Manpower, Personnel, Training	Various	Various : MCSC : Various	0.314	-		0.430	Feb 2015	-		-		-	-	0.744	-
Corrosion Impact Mitigation & Analysis	C/FFP	JHU : Baltimore, MD	0.000	1.434	Aug 2014	-		-		-		-	-	1.434	-
GFE	Various	Various : Various	0.000	-		-		9.607	Mar 2016	-		9.607	-	9.607	-
<b>Subtotal</b>			0.964	1.768		0.430		9.607		-		9.607	-	12.769	-
<b>Remarks</b>															
Funding increases between FY 2015 and FY 2016 due to requirements to purchase GFE which will be destroyed during live fire test events.															
<b>Test and Evaluation (\$ in Millions)</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 Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Prior Years</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
Developmental Test & Evaluation (Performance, RAM, Ballistic, Report Generation)	MIPR	Govt Proving Grounds : Aberdeen, MD	2.393	4.183	Jan 2014	-		1.722	Jan 2016	-		1.722	0.092	8.390	-
Developmental Test & Evaluation (Performance, RAM, Ballistic, Report Generation)	MIPR	Govt Proving Grounds : Yuma, AZ	4.742	10.071	Nov 2013	-		4.147	Jan 2016	-		4.147	0.222	19.182	-
Developmental Test & Evaluation (Performance, RAM, Ballistic, Report Generation)	MIPR	Govt Proving Grounds : Various	1.967	5.062	Dec 2013	-		3.350	Jan 2016	-		3.350	0.190	10.569	-
Operational Testing (Planning, Conduct, Evaluation and Report Generation)	MIPR	Govt Proving Grounds : Various	0.000	3.165	Dec 2013	-		2.707	Mar 2016	-		2.707	6.359	12.231	-
Developmental Test & Evaluation (Oversight)	WR	MCOTEA : Quantico, VA	0.258	0.518	Feb 2014	-		0.200	Feb 2016	-		0.200	-	0.976	-

## UNCLASSIFIED

<b>Exhibit R-3, RDT&amp;E Project Cost Analysis: PB 2016 Navy</b>												<b>Date:</b> February 2015			
<b>Appropriation/Budget Activity</b> 1319 / 4						<b>R-1 Program Element (Number/Name)</b> PE 0605812M / (U)Joint Light Tactical Vehicle(JLTV) EMD						<b>Project (Number/Name)</b> 3209 / Joint Light Tactical Vehicle			
<b>Test and Evaluation (\$ in Millions)</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 Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Prior Years</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
Live Fire Test & Evaluation	MIPR	Govt Proving Grounds : Aberdeen, MD	0.000	-		0.916	Feb 2015	5.053	Jan 2016	-		5.053	6.443	12.412	-
<b>Subtotal</b>			9.360	22.999		0.916		17.179		-		17.179	13.306	63.760	-
<b>Remarks</b> FY 2015 funding provides for the completion of EMD testing and support of MS C documentation. FY 2016 funding increases due to the finalization of the LRIP test plan and the initiation of the LRIP test program which will include ramp-up of test efforts. LRIP Testing is scheduled to start 3Q FY 2016.															
<b>Management Services (\$ in Millions)</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 Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Prior Years</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
Program Management Support	C/CPFF	BAH : McLean, VA	3.268	6.471	Jan 2014	1.090	Jan 2015	2.033	Jan 2016	-		2.033	1.848	14.710	-
Program Management Support	C/CPFF	Various : Various	1.028	0.312	Jan 2014	-		-		-		-	-	1.340	-
Program Management Support	C/CPFF	MITRE : Stafford, VA	0.237	0.816	Jan 2014	-		-		-		-	-	1.053	-
Travel	Various	MCSC : Quantico, VA	0.071	0.352	Oct 2013	0.296	Oct 2014	0.100	Oct 2015	-		0.100	Continuing	Continuing	Continuing
<b>Subtotal</b>			4.604	7.951		1.386		2.133		-		2.133	-	-	-
<b>Remarks</b> Funding for Management Services temporarily increases between FY 2015 and FY 2016 due to support activities associated with the Live Fire Test Asset contract activities, including live fire and ballistic testing commencing 1Q and concluding 3Q FY 2016. In FY 2017, funding for Management Services is planned to decrease based on the conclusion of these test activities.															
			<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>			35.563	50.251		9.445		36.656		-		36.656	-	-	-
<b>Remarks</b>															

**UNCLASSIFIED**



**UNCLASSIFIED**

<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2016 Navy			<b>Date:</b> February 2015
<b>Appropriation/Budget Activity</b> 1319 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0605812M / (U)Joint Light Tactical Vehicle(JLTV) EMD	<b>Project (Number/Name)</b> 3209 / Joint Light Tactical Vehicle	

**Schedule Details**

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b>Proj 3209</b>				
EMD Contract (Contract Awarded 4Q FY12)	1	2014	1	2015
EMD Government Test Program and Reporting	1	2014	2	2015
Milestone C Preparation	1	2014	3	2015
LRIP Source Selection Evaluation Board	2	2015	4	2015
Milestone C Decision	4	2015	4	2015
Live Fire Test Assets and LRIP Contract Award	4	2015	4	2015
Test Vehicles and LRIP Contract	4	2015	2	2019
Full Rate Production Decision	3	2018	3	2018