Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Army

**DATE:** February 2010

#### APPROPRIATION/BUDGET ACTIVITY

2040: Research, Development, Test & Evaluation, Army

BA 7: Operational Systems Development

#### R-1 ITEM NOMENCLATURE

PE 0203759A: Force XXI Battle Command, Brigade and Below (FBCB2)

COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	<b>Total Cost</b>
Total Program Element	22.688	0.000	3.935	0.000	3.935	0.000	0.000	0.000	0.000	0	30.558
120: Force XXI Battle Cmd, Brigade & Below (FBCB2)	22.688	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
122: JOINT BATTLE COMMAND - PLATFORM (JBC-P)	0.000	0.000	3.935	0.000	3.935	0.000	0.000	0.000	0.000	Continuing	Continuing

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

Force XXI Battle Command Brigade and Below (FBCB2) consists of FBCB2 and Joint Battle Command - Platforms (JBC-P) hardware and software. The Force XXI Battle Command Brigade and Below (FBCB2) is a digital, battle command information system that provides integrated, on-the-move, timely, relevant battle command information to tactical combat, combat support and combat service support leaders and soldiers. FBCB2 incorporates state-of-the-art information technology to allow commanders to concentrate combat system effects rather than combat forces, enabling units to be both more survivable and more lethal. FBCB2 provides the capability to pass orders and graphics allowing the warfighter to visualize the commander's intent and scheme of maneuver. FBCB2 affords combat forces the capability to retain the tactical/operational initiatives under all mission, enemy, terrain, troops, and time available conditions to enable faster decisions, real/near-real-time communications and response. FBCB2 as a key component of the Army Battle Command System (ABCS), completes the information flow process from brigade to platform and across platforms within the brigade task force and across brigade boundaries. FBCB2 system provides a dual based capability consisting of both terrestrial (EPLRS) and satellite based (L-Band) systems. The system includes a Pentium based processor, display unit, keyboard, removable hard disk drive cartridge, and a platform specific installation kit. The satellite based system, more commonly known as Blue Force Tracking (BFT), includes an L-Band transceiver that employs commercial satellite services in lieu of tactical terrestrial radios. Currently over 88,000 total systems have been fielded with approximately 25,000 systems in support of Operation Enduring Freedom (OEF)/Operation Iraqi Freedom (OIF). FBCB2 RDTE Funding for Project Code 120 ends in FY09.\$3.935 million has been added to Project Code 122 for JBC-P C2/SA Convergence in FY11.

Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Army		<b>DATE:</b> February 2010
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#### APPROPRIATION/BUDGET ACTIVITY

2040: Research, Development, Test & Evaluation, Army

BA 7: Operational Systems Development

## R-1 ITEM NOMENCLATURE

PE 0203759A: Force XXI Battle Command, Brigade and Below (FBCB2)

## **B. Program Change Summary (\$ in Millions)**

	<b>FY 2009</b>	<u>FY 2010</u>	<b>FY 2011 Base</b>	<b>FY 2011 OCO</b>	<b>FY 2011 Total</b>
Previous President's Budget	23.341	0.000	0.000	0.000	0.000
Current President's Budget	22.688	0.000	3.935	0.000	3.935
Total Adjustments	-0.653	0.000	3.935	0.000	3.935
<ul> <li>Congressional General Reductions</li> </ul>		0.000			
<ul> <li>Congressional Directed Reductions</li> </ul>		0.000			
<ul> <li>Congressional Rescissions</li> </ul>	0.000	0.000			
<ul> <li>Congressional Adds</li> </ul>		0.000			
<ul> <li>Congressional Directed Transfers</li> </ul>		0.000			
<ul> <li>Reprogrammings</li> </ul>	0.000	0.000			
<ul> <li>SBIR/STTR Transfer</li> </ul>	-0.653	0.000			
• Other Adjustments 1	0.000	0.000	3.935	0.000	3.935

## **Change Summary Explanation**

Change Summary Explanation: FY11 FBCB2 RDTE funding of \$3.935 million is for C2/SA Convergence. It uses Project Code 122. FBCB2 RDTE Funding in FY09 and Prior used Project Code 120.FY09 SBIR/STTR Reduction of \$0.653 million is reflected in the FY2009 Actual.

DATE: February 2010

Exhibit K-2A, KD1&E 110ject sustincation. 1 B 2011 Aimy									DATE. Peditiary 2010				
APPROPRIATION/BUDGET ACTI	APPROPRIATION/BUDGET ACTIVITY				R-1 ITEM NOMENCLATURE PROJE					OJECT			
2040: Research, Development, Test & Evaluation, Army				PE 0203759A: Force XXI Battle Command,				120: Force XXI Battle Cmd, Brigade & Below					
BA 7: Operational Systems Developmen	nt			Brigade and	Below (FBC)	B2)		(FBCB2)					
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost		
120: Force XXI Battle Cmd, Brigade & Below (FBCB2)	22.688	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing		
Quantity of RDT&E Articles													

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

Exhibit R-2A RDT&E Project Justification: PR 2011 Army

The Force XXI Battle Command Brigade and Below (FBCB2) is a digital, battle command information system that provides integrated, on-the-move, timely, relevant battle command information to tactical combat, combat support and combat service support leaders and soldiers. FBCB2 incorporates state-of-the-art information technology to allow commanders to concentrate combat system effects rather than combat forces, enabling units to be both more survivable and more lethal. FBCB2 provides the capability to pass orders and graphics allowing the warfighter to visualize the commander's intent and scheme of maneuver. FBCB2 affords combat forces the capability to retain the tactical/operational initiatives under all mission, enemy, terrain, troops, and time available conditions to enable faster decisions, real/near-real-time communications and response. FBCB2 as a key component of the Army Battle Command System (ABCS), completes the information flow process from brigade to platform and across platforms within the brigade task force and across brigade boundaries. FBCB2 system provides a dual based capability consisting of both terrestrial (EPLRS) and satellite based (L-Band) systems. The system includes a Pentium based processor, display unit, keyboard, removable hard disk drive cartridge, and a platform specific installation kit. The satellite based system, more commonly known as Blue Force Tracking (BFT), includes an L-Band transceiver that employs commercial satellite services in lieu of tactical terrestrial radios. Currently over 88,000 systems have been fielded to the Army, Marine Corps, and other service, with approximately 25,000 systems in support of Operation Enduring Freedom (OEF)/Operation Iraqi Freedom (OIF). Program RDTE funding ended in FY09.

#### B. Accomplishments/Planned Program (\$ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Program #1	4.000	0.000	0.000	0.000	0.000
Continue test and evaluation efforts to support Army Software Blocking schedule.					
FY 2009 Accomplishments: FY 2009					

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army			<b>DATE:</b> February 2010				
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 7: Operational Systems Development	R-1 ITEM NOMENCLATURE PE 0203759A: Force XXI Battle Comn Brigade and Below (FBCB2)	nand,	PROJECT 120: Force X (FBCB2)	Force XXI Battle Cmd, Brigade & Below			
B. Accomplishments/Planned Program (\$ in Millions)		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total	
FY 2010 Plans: FY 2010							
FY 2011 Base Plans: FY 2011 Base							
FY 2011 OCO Plans: FY 2011 OCO							
Program #2		1.867	0.000	0.000	0.000	0.000	
PM FBCB2 Program Management							
FY 2009 Accomplishments: FY 2009							
FY 2010 Plans: FY 2010							
FY 2011 Base Plans: FY 2011 Base							
FY 2011 OCO Plans: FY 2011 OCO							
Program #3		9.937	0.000	0.000	0.000	0.000	
Continue development of FBCB2 Joint Capabilities Release (JCR) to Battle Command Product Line (BCPL) initiatives, communications cocapabilities.							

# UNCLASSIFIED

R-1 Line Item #162 Page 4 of 14 565 of 897

	UNCLASSIFIED					
Exhibit R-2A, RDT&E Project Justification: PB 2011 Army				DATE: Febr	uary 2010	
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 7: Operational Systems Development	R-1 ITEM NOMENCLATURE PE 0203759A: Force XXI Battle Comm. Brigade and Below (FBCB2)	and,	PROJECT 120: Force X (FBCB2)	XXI Battle Cm	d, Brigade &	Below
B. Accomplishments/Planned Program (\$ in Millions)			I			
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
FY 2009 Accomplishments: FY 2009						
FY 2010 Plans: FY 2010						
FY 2011 Base Plans: FY 2011 Base						
FY 2011 OCO Plans: FY 2011 OCO						
Program #4		3.884	0.000	0.000	0.000	0.000
Initiate systems development efforts against current Combat Identificati Blue Position reporting, density of systems and joint coalition interoper						
FY 2009 Accomplishments: FY 2009						
FY 2010 Plans: FY 2010						
FY 2011 Base Plans: FY 2011 Base						
FY 2011 OCO Plans: FY 2011 OCO						
Program #5		3.000	0.000	0.000	0.000	0.000

# UNCLASSIFIED

R-1 Line Item #162 Page 5 of 14 566 of 897

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army		<b>DATE:</b> February 2010
APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	PROJECT
2040: Research, Development, Test & Evaluation, Army	PE 0203759A: Force XXI Battle Command,	120: Force XXI Battle Cmd, Brigade & Below
BA 7: Operational Systems Development	Brigade and Below (FBCB2)	(FBCB2)

## B. Accomplishments/Planned Program (\$ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Develop and test cross domain security solution to permit uncleared users to operate systems on a Type 1 secured network. Provide interface to unclassified sensor networks and logistics data.					
FY 2009 Accomplishments: FY 2009					
FY 2010 Plans: FY 2010					
FY 2011 Base Plans: FY 2011 Base					
FY 2011 OCO Plans: FY 2011 OCO					
Accomplishments/Planned Programs Subtotals	22.688	0.000	0.000	0.000	0.000

## C. Other Program Funding Summary (\$ in Millions)

			<b>FY 2011</b>	<b>FY 2011</b>	<b>FY 2011</b>					Cost To	
<u>Line Item</u>	<b>FY 2009</b>	<b>FY 2010</b>	<b>Base</b>	<u>OCO</u>	<u>Total</u>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>Complete</b>	Total Cost
• Ord. #1: <i>OPA - W61900</i>	282.217	514.119	39.786	135.500	175.286	29.382	0.000	0.000	0.000	0	1,001.004
• Ord. #2: <i>OPA - BS9736 (Spares)</i>	5.055	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	7.556
• Ord. #3: <i>OMA - 432142</i>	11.024	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	30.840

## **D.** Acquisition Strategy

The FBCB2 development effort follows an evolutionary acquisition strategy to support Product Line Architecture, Army/Marine Corps convergence, Army Battle Command System (ABCS) interoperability and Army Software Blocking requirements. A Full Rate Production (FRP) decision review conducted by the Army Systems Acquisition Review Council (ASARC) in Aug 2004 authorized the FBCB2 program to enter into the Production and Deployment phase. Development efforts were executed via an Indefinite Delivery/Indefinite Quantity (ID/IQ) Cost Plus Award/Fixed Fee type contract.

#### **UNCLASSIFIED**

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army		<b>DATE:</b> February 2010
APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	PROJECT
2040: Research, Development, Test & Evaluation, Army	PE 0203759A: Force XXI Battle Command,	120: Force XXI Battle Cmd, Brigade & Below
BA 7: Operational Systems Development	Brigade and Below (FBCB2)	(FBCB2)
E. Performance Metrics		
Performance metrics used in the preparation of this justification ma	sterial may be found in the EV 2010 Army Performance Bude	rat Justification Pook dated May 2010
refrormance metrics used in the preparation of this justification ma	merial may be found in the FT 2010 Army Ferformance Budg	get Justification book, dated May 2010.

Exhibit R-2A, RDT&E Project Justif	Exhibit R-2A, RDT&E Project Justification: PB 2011 Army										<b>DATE:</b> February 2010			
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 7: Operational Systems Development				PE 0203759	NOMENCLA A: Force XXI Below (FBCI	Battle Comm	and,	PROJECT 122: JOINT BATTLE COMMAND - PLATFORM (JBC-P)						
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost			
122: JOINT BATTLE COMMAND - PLATFORM (JBC-P)	0.000	0.000	3.935	0.000	3.935	0.000	0.000	0.000	0.000	Continuing	Continuing			
Quantity of RDT&E Articles														

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

Joint Battle Command - Platforms (JBC-P), which includes Blue Force Tracking and Army Aviation, provides true Joint force Command and Control (C2) Situational Awareness (SA) and communications (e.g., terrestrial, celestial) capability at the platform level through command center locations (e.g., Network Operations Centers, Theater Operation Commands (TOCs), Brigade Command Posts) and enables mission accomplishment across the entire spectrum of Joint military operations. JBC-P serves as the cornerstone for Joint Blue Force Situational Awareness (JBFSA). It provides continuous near-real-time identification of friendly locations to populate the Joint Common Operating Picture (JCOP). Joint Battle Command - Platforms (JBC-P) enhances Joint Combat Identification to increase combat effectiveness and reduces fratricide in a secure environment. It enables Joint, net-centric C2/Battle Command by seamlessly passing/sharing relevant information vertically and horizontally, within all levels of command, regardless of Service unit hierarchy. In addition to utilizing the existing FBCB2/BFT system, JBC-P system hardware consists of a family of computers (e.g., handhelds, tablets, ruggedized computers, beacons and in-dash computers), communications equipment (e.g., satellite tranceivers/antennas), encryption devices (e.g., KGV-72), and ancillary equipment (e.g., Mission Data Loader, Disk Duplicator, cables, installation kits, etc.).\$3.935 million is programmed for FY11 RDTE to pay for JBC-P C2/SA Convergence.

#### B. Accomplishments/Planned Program (\$ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Program #1	0.000	0.000	3.935	0.000	3.935
C2/SA Convergence					
FY 2009 Accomplishments: FY 2009					
FY 2010 Plans: FY 2010					

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army		<b>DATE:</b> February 2010
APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	PROJECT
2040: Research, Development, Test & Evaluation, Army	PE 0203759A: Force XXI Battle Command,	122: JOINT BATTLE COMMAND - PLATFORM
BA 7: Operational Systems Development	Brigade and Below (FBCB2)	(JBC-P)

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

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
FY 2011 Base Plans: FY 2011 Base					
FY 2011 OCO Plans: FY 2011 OCO					
Accomplishments/Planned Programs Subtotals	0.000	0.000	3.935	0.000	3.935

#### C. Other Program Funding Summary (\$ in Millions)

		~	<b>FY 2011</b>	<b>FY 2011</b>	<b>FY 2011</b>					Cost To	
<u>Line Item</u>	<b>FY 2009</b>	<b>FY 2010</b>	<b>Base</b>	<u>OCO</u>	<b>Total</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>Complete</b>	Total Cost
• Ord. #1: <i>OPA W61990</i>	0.000	17.188	0.147	0.000	0.147	64.961	86.203	179.469	125.857	Continuing	Continuing
• Ord. #2: RDTE 654805/589	0.000	37.710	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	37.710
• Ord. #3: RDTE 654804/593	0.000	0.000	70.628	0.000	70.628	28.786	3.964	2.974	1.981	Continuing	Continuing

#### D. Acquisition Strategy

The JBC-P program was Joint Requirements Oversight Council (JROC) approved in May 2008. RDTE funding for JBC-P begins in FY10. \$3.935 million in FY11 funding for Command and Control/Situational Awareness (C2/SA) Convergence was programmed under this PE (273759) under Project No. 122. Other RDTE funds for JBC-P were programmed in PE 654805, Project No. 589 (for FY10) and PE 654804, Project No. 593 (for FY11 and beyond). Software Development will be primarily executed through a Memorandum Of Understanding/Memorandum of Agreement with the Army Research and Development Engineering Command (RDECOM) System Engineering Directorate (SED). Hardware Procurement will be executed through a competitive contracting approach. The current estimated Acquisition Schedule, as shown in the R-4 Forms, is based on the approved JBC-P Acquisition Strategy.

#### **E. Performance Metrics**

Performance metrics used in the preparation of this justification material may be found in the FY 2010 Army Performance Budget Justification Book, dated May 2010.

## Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Army

**DATE:** February 2010

## APPROPRIATION/BUDGET ACTIVITY

2040: Research, Development, Test & Evaluation, Army

BA 7: Operational Systems Development

## R-1 ITEM NOMENCLATURE

PE 0203759A: Force XXI Battle Command, Brigade and Below (FBCB2) **PROJECT** 

122: JOINT BATTLE COMMAND - PLATFORM (JBC-P)

## **Product Development (\$ in Millions)**

				FY	2010		2011 ase		2011 CO	FY 2011 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Software/Systems Engineering	С	Nothing entered for Activity and Location. Location could not be determined.	0.000	0.000		3.620		0.000		3.620	Continuing	Continuing	0
Software Development	С	Nothing entered for Activity and Location. Location could not be determined.	0.000	0.000		0.000		0.000		0.000	Continuing	Continuing	0
Hardware Development	С	Nothing entered for Activity and Location. Location could not be determined.	0.000	0.000		0.000		0.000		0.000	Continuing	Continuing	0
		Subtotal	0.000	0.000		3.620		0.000		3.620			0.000

#### Remarks

## Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Army

**DATE:** February 2010

## APPROPRIATION/BUDGET ACTIVITY

2040: Research, Development, Test & Evaluation, Army

BA 7: Operational Systems Development

## R-1 ITEM NOMENCLATURE

PE 0203759A: Force XXI Battle Command,

Brigade and Below (FBCB2) (JI

**PROJECT** 

122: JOINT BATTLE COMMAND - PLATFORM (JBC-P)

## **Support (\$ in Millions)**

				FY	2010	FY :	2011 ase	FY 2	-	FY 2011 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
PM Office Support	С	Nothing entered for Activity and Location. Location could not be determined.	0.000	0.000		0.315		0.000		0.315	Continuing	Continuing	0
		Subtotal	0.000	0.000		0.315		0.000		0.315			0.000

#### Remarks

## **Test and Evaluation (\$ in Millions)**

				FY	2010		2011 ase		2011 CO	FY 2011 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Contractor Test Support	С	Nothing entered for Activity and Location. Location could not be determined.	0.000	0.000		0.000		0.000		0.000	Continuing	Continuing	0
	-	Subtotal	0.000	0.000		0.000		0.000		0.000			0.000

#### Remarks

# Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Army APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 7: Operational Systems Development Brigade and Below (FBCB2) DATE: February 2010 PROJECT 122: JOINT BATTLE COMMAND - PLATFORM (JBC-P)

## **Management Services (\$ in Millions)**

				FY 2	2010		2011 ase	FY 2	2011 CO	FY 2011 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item is empty.	С	Nothing entered for Activity and Location. Location could not be determined.	0.000	0.000		0.000		0.000		0.000	Continuing	Continuing	0
		Subtotal	0.000	0.000		0.000		0.000		0.000			0.000

#### Remarks

	Total Prior Years Cost	FY 2010	FY 2 Ba	FY 2	FY 2011 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	0.000	0.000	3.935	0.000	3.935			0.000

#### Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2011 Army

DATE: February 2010

APPROPRIATION/BUDGET ACTIVITY

2040: Research, Development, Test & Evaluation, Army

BA 7: Operational Systems Development

R-1 ITEM NOMENCLATURE

PE 0203759A: Force XXI Battle Command,

Brigade and Below (FBCB2)

**PROJECT** 

122: JOINT BATTLE COMMAND - PLATFORM

(JBC-P)

		FY	200	9	I	Y 2	2010	0	I	Y 2	201	1	I	Y 2	2012	2	I	Y 2	201.	3	F	Y 2	2014	1	I	Y 2	201	5
	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
JBC-P			#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	
Development IPR			#																									
Contract Award						#																						
Development Test (DT)									#																			
Operational Assessment										#	#																	
Limited Initial Rate of Production (LRIP) IPR											#																	
LRIP Production Award												#																
Development Phase					#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	
Full Rate Production (FRP) Decision Review															#													

Exhibit R-4A, RDT&E Schedule Details: PB 2011 Army			<b>DATE:</b> February 2010
APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	PROJECT	
2040: Research, Development, Test & Evaluation, Army	PE 0203759A: Force XXI Battle Command,	122: <i>JOINT</i>	BATTLE COMMAND - PLATFORM
BA 7: Operational Systems Development	Brigade and Below (FBCB2)	(JBC-P)	

## Schedule Details

	St	art	En	nd
Event	Quarter	Year	Quarter	Year
JBC-P	3	2009	3	2015
Development IPR	3	2009	3	2009
Contract Award	2	2010	2	2010
Development Test (DT)	1	2011	1	2011
Operational Assessment	2	2011	3	2011
Limited Initial Rate of Production (LRIP) IPR	3	2011	3	2011
LRIP Production Award	4	2011	4	2011
Development Phase	1	2010	3	2015
Full Rate Production (FRP) Decision Review	3	2012	3	2012