

# ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2 Exhibit)

February 2007

BUDGET ACTIVITY		PE NUMBER AND TITLE								
<b>5 - System Development and Demonstration</b>		<b>0604321A - ALL SOURCE ANALYSIS SYSTEM</b>								
COST (In Thousands)	FY 2006 Actual	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	FY 2012 Estimate	FY 2013 Estimate	Cost to Complete	Total Cost
Total Program Element (PE) Cost	13177	6888	5384	5465	3017	3223	3500	3700		44477
B19 ASAS EVOLUTIONARY ACQ (TIARA)	11942	3315	3409	3411						22077
B41 CI/HUMINT Software Products (TIARA)	918	3242	1644	1721	3017	3223	3500	3700		20965
B44 ASAS TADSS (TIARA)	194	203	203	205						805
B49 CHIMS TADSS (TIARA)	123	128	128	128						630

**A. Mission Description and Budget Item Justification:** The All Source Analysis System (ASAS) provides US Army commanders at all echelons from battalion to Army Service Component Command with automated support to the management and planning, processing and analysis, and dissemination of intelligence, counterintelligence, and electronic warfare. ASAS provides the means to enhance the commander's timely and comprehensive understanding of enemy deployments, capabilities, and potential courses of action. The system uses standard joint and Army protocols and message formats to interface with selected National, joint, theater, and tactical intelligence, surveillance, and reconnaissance systems and preprocessors and Army, joint, and coalition battle command systems. The ASAS product set currently includes : ASAS-Light (L) laptops, ASAS-L Intelligence Fusion Station desktop computers, the shelterized, High Mobility Multipurpose Wheeled Vehicle (HMMWV)-mounted Analysis and Control Team-Enclave (ACT-E), and various Analysis and Control Element (ACE) configurations at Special Forces Group, Armored Cavalry Regiment, division, Corps, and Military Intelligence Brigade. From FY07 through FY09 these ASAS systems will be configured to operate as integral components of the Army's initial Distributed Common Ground System-Army (DCGS-A) capability.

FY08 and FY09 funding will be used to reconfigure ASAS systems into an integral component of the Army's initial DCGS-A capability, resolve high priority Software anomaly reports (SAR); conduct interoperability development and test; and comply with DOD mandates and provide Defense Information Infrastructure (DI) Common Operating Environment (COE)/Net Centric Enterprise Services (NCES) maintenance for the ASAS family of systems.

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BUDGET ACTIVITY	PE NUMBER AND TITLE			
<b>5 - System Development and Demonstration</b>	<b>0604321A - ALL SOURCE ANALYSIS SYSTEM</b>			
<b><u>B. Program Change Summary</u></b>	FY 2006	FY 2007	FY 2008	FY 2009
Previous President's Budget (FY 2007)	9042	7074	5427	5474
Current BES/President's Budget (FY 2008/2009)	13177	6888	5384	5465
Total Adjustments	4135	-186	-43	-9
Congressional Program Reductions		-186		
Congressional Rescissions				
Congressional Increases				
Reprogrammings	4135			
SBIR/STTR Transfer				
Adjustments to Budget Years			-43	-9

# ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2a Exhibit)

**February 2007**

<b>BUDGET ACTIVITY</b> <b>5 - System Development and Demonstration</b>			<b>PE NUMBER AND TITLE</b> <b>0604321A - ALL SOURCE ANALYSIS SYSTEM</b>						<b>PROJECT</b> <b>B19</b>	
COST (In Thousands)	FY 2006 Actual	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	FY 2012 Estimate	FY 2013 Estimate	Cost to Complete	Total Cost
B19 ASAS EVOLUTIONARY ACQ (TIARA)	11942	3315	3409	3411						22077

**A. Mission Description and Budget Item Justification:** The All Source Analysis System (ASAS) is a ground based, mobile, command and control, intelligence processing system that provides tactical commanders a common view of the battlefield and a means for gaining a timely and comprehensive understanding of enemy force deployments, capabilities, and potential courses of action. The system interfaces with selected national, joint, and theater Intelligence assets, adjacent/higher/lower military intelligence preprocessors, Distributed Common Ground System-Army (DCGS-A), Army Battle Command System (ABCS), and organic deployed Intelligence/Electronic Warfare (IEW) teams and assets. The ASAS product set currently includes: ASAS-Light, Intelligence Fusion Station (IFS), Analysis and Control Team-Enclave (ACT-E), Analysis and Control Element (ACE), and the Communications Control Set (CCS). The ASAS system uses standard joint and Army protocols and message formats to interface with forward deployed sensor/teams, intelligence preprocessors and joint/national/Army C3I systems.

<u>Accomplishments/Planned Program:</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
Conduct SDD of ASAS Light (Software Blocking 2(SWB2))	2971			
Resolve high priority Software Anomaly Reports (SARs); conduct interoperability development and test; and comply with DOD mandates and provide Defense Information Infrastructure (DII) Common Operating Environment(COE)/Network Centric Enterprise Services(NCES) maintenance for ASAS Light, Analysis Control Team-Enclave (ACT-E), and Analysis and Control Element (ACE).	4836	3315	3409	3411
Procure two-way Speech-to-Speech Systems and sustainment support for Investigational Fielding	1451			
Establish and Maintain Machine Based Language Translation Office in Iraq	461			
Establish for Machine Language Testbeds	990			
Develop requirements and metrics for Machine Language Translation	1180			
Matrix Support	53			
<b>Total</b>	<b>11942</b>	<b>3315</b>	<b>3409</b>	<b>3411</b>

<u>B. Other Program Funding Summary</u>	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Compl	Total Cost
OPA (K28801) ASAS Modules	61619	34293	36132	38674						170718
Spares (BS9704)	2483	2291	1975	1361						8110
Language Translation	1464									1464

Comment: Language Support: \$1,195 thousands received from DOD Washington Headquarters Services to procure laptop translation systems for investigational fielding. \$269 thousands from Rapid Equipping Force for sustainment of investigational fielded systems.

# ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2a Exhibit)

February 2007

BUDGET ACTIVITY

**5 - System Development and Demonstration**

PE NUMBER AND TITLE

**0604321A - ALL SOURCE ANALYSIS SYSTEM**

PROJECT

**B19**

**C. Acquisition Strategy** The ASAS development program builds upon and expands the capabilities and functionality developed and produced in the ASAS Block I System including conversion to the Common Hardware Systems (CHS) and the Defense Information Infrastructure Common Operating Environment/Network Centric Enterprise Services (DII COE/NCES) and Modernized Integrated Database (MIDB). ASAS is being developed using a block upgrade evolutionary acquisition strategy.

- ASAS Block I: Fielded ruggedized, tactical systems at Active Component (AC) corps, divisions, and the institutional training base.
- ASAS-Extended: Provided the rest of the AC and National Guard enhanced separate brigades with an interim ASAS capability running Block I software on commercial hardware.
- ASAS Block II: Uses common hardware and software, built on the DII COE/NCES standard. Provides open architecture, assured interoperability, and enhanced capability with room for growth. ASAS Light is the key intelligence provider for Army Battle Command Systems (ABCS).
- Army Software Blocking: ASAS Light synchronizes with Software Block 1 and 2 execution phases.

The program emphasizes multiple evolutionary deliveries, with incremental enhancements of ASAS products, integrated test, and continuous evaluation opportunities. ASAS builds upon experience and feedback gained from the fielded ASAS products and real-world operational deployments providing the soldier with improved reliability, supportability, and survivability.

# ARMY RDT&E COST ANALYSIS (R3)

February 2007

BUDGET ACTIVITY			PE NUMBER AND TITLE									PROJECT		
<b>5 - System Development and Demonstration</b>			<b>0604321A - ALL SOURCE ANALYSIS SYSTEM</b>									<b>B19</b>		
I. Product Development	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	Cost To Complete	Total Cost	Target Value of Contract
System Development	CPAF	Lockheed Martin, Denver, CO	272731										272731	
Subsystem Development	GSA D.O.	Electronic Warfare Associates, Huntington, WV	12095	1200									13295	
Subsystem Development	GSA D.O.	Overwatch Systems, Austin, TX	21953	1161	1Q								23114	
SARs, Safety and Interop	GSA D.O.	Overwatch Systems, Austin, TX	1027	2216	1-3Q	1622	1-3Q	2423	1-3Q	2425	1-3Q		9713	
Two Way Speech-to-Speech (S2S)				967	4Q								967	
Subtotal:			307806	5544		1622		2423		2425			319820	
II. Support Costs	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Facility Support	MIPR	Ft. Belvoir, VA	1134	192	1-4Q	199	1-4Q						1525	
License Maintenance	MIPR	Ft. Monmouth, NJ	500	2076	1-3Q	308	1-3Q						2884	
Training and Sustainment of Two-Way S2S Investigational Fielding Systems	MIPR	Marine Experimentation Center, Port Hueneme, CA		484	3Q								484	
Engineering Lead - Coordination of DOD service engineering efforts and establish Engineering Testbed	MIPR	Army Research Laboratory, Adelphi, MD		620	3Q								620	
Engineering -Develop collection plan for linguistic data for machine translation	MIPR	Naval Research Laboratory, Washington, DC		270	3Q								270	
Develop User requirement for automated Machine language	MIPR	Army Intelligence Center, Fort Belvoir,		520	4Q								520	

# ARMY RDT&E COST ANALYSIS (R3)

February 2007

BUDGET ACTIVITY			PE NUMBER AND TITLE										PROJECT		
<b>5 - System Development and Demonstration</b>			<b>0604321A - ALL SOURCE ANALYSIS SYSTEM</b>										<b>B19</b>		
Translation systems		VA													
Engineering-Establish Testbed for machine translation systems	MIPR	Air Force Research Laboratory, Wright-Patterson AFB, OH		370	3Q										370
Engineering-Develop effective measures metrics for Machine Foreign Language Translation Systems	MIPR	Electronic Systems Center, Hanscom AFB, MA		390	4Q										390
Establish and maintain the Machine Based Language Translation (MBLT) training in Baghdad, Iraq	MIPR	NAWCAD, Patuxant River, MD		461	4Q										461
Subtotal:			1634	5383			507								7524
III. Test And Evaluation	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	Cost To Complete	Total Cost	Target Value of Contract	
ASAS Developmental and Operational Testing	MIPR	EPG, Ft Huachuca, AZ	6708										6708		
Continuous Evaluation	MIPR	EPG, Ft. Huachuca, AZ	763										763		
Joint Interoperability Test Command (JITC)	MIPR	Ft. Huachuca, AZ				50	2Q						50		
Army Test and Evaluation Command (ATEC)	MIPR	Ft. Hood, TX				150	2Q						150		
Subtotal:			7471			200							7671		
IV. Management Services	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	Cost To Complete	Total Cost	Target Value of Contract	
FFRDC	MIPR	MITRE/Washington, DC	9922										9922		

# ARMY RDT&E COST ANALYSIS (R3)

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BUDGET ACTIVITY			PE NUMBER AND TITLE									PROJECT	
5 - System Development and Demonstration			0604321A - ALL SOURCE ANALYSIS SYSTEM									B19	
Contractor Support	BPA	SYTEX, Inc. Vienna, VA	28428	486	1-4Q	486	1-4Q	486	1-4Q	486	1-4Q	30372	
Government In House	Direct Allotment	PD IF, Ft. Belvoir, VA	18326	476	1-4Q	500	1-4Q	500	1-4Q	500	1-4Q	20302	
Matrix Support	MIPR	HQ CERDEC, Fort Monmouth, NJ		53	4Q							53	
Subtotal:			56676	1015		986		986		986		60649	
<b>Project Total Cost:</b>			<b>373587</b>	<b>11942</b>		<b>3315</b>		<b>3409</b>		<b>3411</b>		<b>395664</b>	

# Schedule Profile (R4 Exhibit)

February 2007

BUDGET ACTIVITY  
**5 - System Development and Demonstration**

PE NUMBER AND TITLE  
**0604321A - ALL SOURCE ANALYSIS SYSTEM**

PROJECT  
**B19**

Event Name	FY 06				FY 07				FY 08				FY 09				FY 10				FY 11				FY 12				FY 13			
	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	2	3	4
SDD and evaluation of ASAS Light (Software Blocking 2 (SWB2))	█																															
High priority SARs, Safety, Interop Dev. and test, and maint for ASAS systems	█																															

**Schedule Detail (R4a Exhibit)**

**February 2007**

BUDGET ACTIVITY <b>5 - System Development and Demonstration</b>		PE NUMBER AND TITLE <b>0604321A - ALL SOURCE ANALYSIS SYSTEM</b>					PROJECT <b>B19</b>	
<u>Schedule Detail</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>	<u>FY 2012</u>	<u>FY 2013</u>
SDD and evaluation of ASAS Light (Software Blocking 2 (SWB2))	1Q							
High priority SARs, Safety, Interop Dev. and test, and maint for ASAS systems	1Q - 4Q	1Q - 4Q	1Q - 4Q	1Q - 4Q				

# ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2a Exhibit)

**February 2007**

<b>BUDGET ACTIVITY</b> <b>5 - System Development and Demonstration</b>		<b>PE NUMBER AND TITLE</b> <b>0604321A - ALL SOURCE ANALYSIS SYSTEM</b>							<b>PROJECT</b> <b>B41</b>	
COST (In Thousands)	FY 2006 Actual	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	FY 2012 Estimate	FY 2013 Estimate	Cost to Complete	Total Cost
B41 CI/HUMINT Software Products (TIARA)	918	3242	1644	1721	3017	3223	3500	3700		20965

**A. Mission Description and Budget Item Justification:** The Counterintelligence/Human Intelligence (CI/HUMINT) Information Management System (CHIMS) is the Army system responsible for collection, processing, and analysis of CI/HUMINT data to satisfy tactical human intelligence requirements. CHIMS provides automation support for Army tactical CI/HUMINT information collection, investigation, interrogation, operations, biometrics, document exploitation, and force protection. The CHIMS architecture extends from the individual Tactical HUMINT Team Soldier or CI agent to Theater and National intelligence organizations. CHIMS is the CI and HUMINT information provider for All-Source architectures for Future Force, including: ASAS Block 2, Distributed Common Ground System Army (DCGS-A), PORTICO and Future Combat System (FCS). CHIMS systems are used to produce intelligence products to feed and maintain HUMINT databases and the All Source Correlated Data Base (ASCDB). CHIMS provides systems to both vertical and horizontal customer bases. Vertical (Army) clients include: all MACOMS, Special Forces, Reserves, National Guard, Stryker Brigade Combat Teams (SBCT), and the Intelligence School. Horizontal clients (non-Army) include U.S. Navy, U.S. Marine Corps, Joint Task Force (JTF) Guantanamo Bay (GTMO) Cuba, and Defense Intelligence Agency (DIA). CHIMS can produce and disseminate messages and reports through an array of communications systems including: combat Net Radio, SINCGARS, PRC-150 STE, STU, satellite, and other organic communications devices. The CHIMS suite of systems incorporates a multi-tiered architecture that reaches from handheld devices to Web servers providing multiple security level access with both brilliant push and smart pull tools to the battlefield commander and National interests. In FY07 development begins on the next generation of CI/HUMINT collection and reporting tools and software. CI/HUMINT Automated Collection Reporting Systems (CHARCS) will provide improved collection, reporting, biometrics, language, communications and mission management capabilities to CI agents and HUMINT collectors.

FY 2008/2009 funding continues the development of Counterintelligence Human Intelligence Automated Reporting Collection System (CHARCS).

<b><u>Accomplishments/Planned Program:</u></b>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
Continue spiral development of CHAMS functionality and SW Problem Reporting implementation.	700	2524		
Transition of CHAMS SW Baseline V4.2 to CECOM for Life-Cycle Support	190	537		
Developed Counterintelligence/Human Intelligence Automating Reporting Collection Systems (CHARCS)		46	1107	1619
Continue Test and Security Accreditation efforts.	28	135	537	102
<b>Total</b>	<b>918</b>	<b>3242</b>	<b>1644</b>	<b>1721</b>

<b><u>B. Other Program Funding Summary</u></b>	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Compl	Total Cost
RDTE (PE 35208, Proj 956) DCGS-A (JMIP)	19516	24037	10941	11302	2020	2187	190	190	Continuing	Continuing
OPA (BK5275) CHIMS (TIARA)	7592	19625	26310	35087	10215	12494	10500	10500	Continuing	Continuing
RDTE (PE 64321, Project B49) CHIMS TADSS	123	128	128	128						507

# ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2a Exhibit)

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BUDGET ACTIVITY

**5 - System Development and Demonstration**

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PROJECT

**B41**

Comment:

**C. Acquisition Strategy** The CI/HUMINT Automated Management Software (CHAMS), a software baseline common to all CHIMS automation systems, is being developed under a competitively awarded Indefinite Delivery/Indefinite Quantity (ID/IQ) type contract. CHAMS is the common SW on two collection and reporting products (CI/HUMINT Automated Tool Set (CHATS) and Individual Tactical Reporting Tool (ITRT)) and is used by PM Distributed Common Ground System-Army (DCGS-A) in its Counterintelligence and Interrogation Operations (CI&I OPS) Workstations. CHAMS will be continuously improved through spiral development to keep pace with evolving capability requirements through FY07 and transitioned to CECOM in 4QFY07. In FY07 development begins on CHARCS. The hardware for all product lines is an integration of commercial off-the-shelf (COTS) and Government off-the-shelf (GOTS) hardware. As COTS technology evolves, new hardware will be introduced to keep CHIMS' users at the forefront of intelligence automation. This integration of new development and COTS/GOTS ensures both a cost and time to field advantage for CHIMS users.

# ARMY RDT&E COST ANALYSIS (R3)

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BUDGET ACTIVITY <b>5 - System Development and Demonstration</b>			PE NUMBER AND TITLE <b>0604321A - ALL SOURCE ANALYSIS SYSTEM</b>									PROJECT <b>B41</b>		
I. Product Development	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	Cost To Complete	Total Cost	Target Value of Contract
CI/HUMINT Utilities SW Development	IDIQ Competitive	Northrop Grumman, Sierra Vista, AZ	224										224	
CHAMS Software Development	IDIQ Competitive	Northrop Grumman, Sierra Vista, AZ	5890	607	2Q	2157	2Q					Cont.	Cont.	
CHATS Development	Competitive T&M	TAMSCO, Eatontown, NJ	1808										1808	
CI/HUMINT SS SW Development	IDIQ Competitive	Northrop Grumman, Sierra Vista, AZ	50										50	
CI & I OPS WS Development	Competitive T&M	TAMSCO, Eatontown, NJ	1566										1566	
ITRT Development	Competitive T&M	TAMSCO, Eatontown, NJ	444										444	
Refugee Management System	CPFF	EWA, Fairmont, WV	3000										3000	
CECOM Transition Support	MIPR	CECOM, SW Engineering Center, Ft. Huachuca AZ	187	170	1Q	501	1Q						858	
CHARCS Development	IDIQ	Northrup Grumman, Sierra Vista, AZ				39	1Q	946	1Q	1386	1Q		2371	
Subtotal:			13169	777		2697		946		1386		Cont.	Cont.	

Remarks: SW Engineering Support for transition of CHIMS SW baseline V4.2 to CECOM SEC.

II. Support Costs	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Contractor Support	BPA	The Sytex Group Inc./Newington, VA	1775	91	1Q	410	1Q	148	1Q	230	1Q	Cont.	Cont.	
Matrix Support	MIPR	I2WD, CECOM Fort Monmouth, NJ	368										368	
Subtotal:			2143	91		410		148		230		Cont.	Cont.	

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BUDGET ACTIVITY  
**5 - System Development and Demonstration**

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**0604321A - ALL SOURCE ANALYSIS SYSTEM**

PROJECT  
**B41**

III. Test And Evaluation	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Developmental Test	MIPR	PRC, McLean, VA	401								1Q		401	
Developmental Test	MIPR	JITC, Ft. Huachuca, AZ	304	25	1Q	20	1Q	20	1Q	35	1Q		404	
Test Support and Interoperability	MIPR	CTSF, Ft. Hood Tx.	75			35	1Q	10	1Q	35	1Q	Cont.	Cont.	
Operational Test	MIPR	TBD	79				1Q	390	1Q				469	
Test Articles	MIPR	ESS, Frederick, MD	120					50	1Q				170	
Security Accreditation Collateral	MIPR	CECOM, Ft. Monmouth, NJ	235			45	2Q	45	2Q			Cont.	Cont.	
SCI PL2	MIPR	NGMS, Sierra Vista, AZ	80										80	
SCI PL2 Certification	MIPR	Air Force Research Lab (AFRL), Rome, NY	160										160	
Safety Release	MIPR	CECOM, Ft. Monmouth, NJ	15			10	1Q	10	1Q	10	1Q		45	
Subtotal:			1469	25		110		525		80		Cont.	Cont.	

IV. Management Services	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Program Management		PM DCGS-A/CHIMS Fort Monmouth, NJ	654	5	2Q	5	2Q	5	2Q	5	2Q	Cont.	Cont.	
Facility Support		PM NV/RSTA, Ft Belvoir, VA	575	20	1Q	20	1Q	20	1Q	20	2Q	Cont.	Cont.	
Subtotal:			1229	25		25		25		25		Cont.	Cont.	

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BUDGET ACTIVITY

**5 - System Development and Demonstration**

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PROJECT

**B41**

**Project Total Cost:**

**18010**

**918**

**3242**

**1644**

**1721**

**Cont.**

**Cont.**



# Schedule Detail (R4a Exhibit)

February 2007

BUDGET ACTIVITY <b>5 - System Development and Demonstration</b>		PE NUMBER AND TITLE <b>0604321A - ALL SOURCE ANALYSIS SYSTEM</b>						PROJECT <b>B41</b>	
<u>Schedule Detail</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>	<u>FY 2012</u>	<u>FY 2013</u>	
CHAMS 4.2 Beta Intra-Army Interoperability Test	2Q								
CHAMS Spiral Development		1Q - 4Q							
CHAMS 4.3 Transition to CECOM		1Q - 4Q							
CHARCS Increment II		1Q - 4Q	1Q - 4Q	1Q - 4Q	1Q - 4Q				
CHARCS DT			1Q						
CHARCS OT			2Q						
CHARCS FUE			4Q						
CHARCS Increment III Development						1Q - 4Q	1Q - 4Q	1Q - 4Q	

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<b>BUDGET ACTIVITY</b> <b>5 - System Development and Demonstration</b>				<b>PE NUMBER AND TITLE</b> <b>0604321A - ALL SOURCE ANALYSIS SYSTEM</b>					<b>PROJECT</b> <b>B44</b>	
COST (In Thousands)	FY 2006 Actual	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	FY 2012 Estimate	FY 2013 Estimate	Cost to Complete	Total Cost
B44 ASAS TADSS (TIARA)	194	203	203	205						805

**A. Mission Description and Budget Item Justification:** The All Source Analysis System (ASAS) is a ground based, mobile, command and control, intelligence processing system that provides tactical commanders a common view of the battlefield and a means for gaining a timely and comprehensive understanding of enemy force deployments, capabilities, and potential courses of action. The system interfaces with selected national, joint, and theater Intelligence assets, adjacent/higher/lower military intelligence preprocessors, Distributed Common Ground System-Army (DCGS-A), Army Battle Command System (ABCS), and organic deployed Intelligence/Electronic Warfare (IEW) teams and assets. The ASAS product set currently includes: ASAS-Light, Intelligence Fusion Station (IFS), Analysis and Control Team-Enclave (ACT-E), Analysis and Control Element (ACE), and the Communications Control Set (CCS). The ASAS system uses standard joint and Army protocols and message formats to interface with forward deployed sensor/teams, intelligence preprocessors and joint/national/Army C3I systems.

FY08 and FY09 funding provides for Training Aids Devices Simulators and Simulations (TADSS).

<b>Accomplishments/Planned Program:</b>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
Training Aids Devices Simulators and Simulations	194	203	203	205
Total	194	203	203	205

**B. Other Program Funding Summary** Not applicable for this item.

**C. Acquisition Strategy** Not applicable for this item.

# ARMY RDT&E COST ANALYSIS (R3)

February 2007

BUDGET ACTIVITY			PE NUMBER AND TITLE									PROJECT		
5 - System Development and Demonstration			0604321A - ALL SOURCE ANALYSIS SYSTEM									B44		
I. Product Development	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Training Aids Devices Simulators and Simulations	GSA-BPA	Mantech, Killeen, TX	196	194	1Q	203	2Q	203	1Q	205	1Q		1001	
Subtotal:			196	194		203		203		205			1001	
II. Support Costs	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Subtotal:														
III. Test And Evaluation	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Subtotal:														
IV. Management Services	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Subtotal:														
<b>Project Total Cost:</b>			<b>196</b>	<b>194</b>		<b>203</b>		<b>203</b>		<b>205</b>			<b>1001</b>	