Selected Acquisition Report (SAR)

RCS: DD-A&T(Q&A)823-346

WIN-T INCREMENT 1

As of December 31, 2010

Defense Acquisition Management
Information Retrieval
(DAMIR)

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Program Information

Designation And Nomenclature (Popular Name)

Warfighter Information Network - Tactical (WIN-T) Increment 1

DoD Component

Army

Responsible Office

Responsible Office

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Date Assigned August 24, 2007

References

SAR Baseline (Production Estimate)

Defense Acquisition Executive (DAE) Approved Acquisition Program Baseline (APB) dated October 18, 2007

Approved APB

DAE Approved Acquisition Program Baseline (APB) dated October 18, 2007

Mission and Description

Warfighter Information Network-Tactical (WIN-T) is the implementation of the Army's strategy to achieve a world-class Joint expeditionary network, enabled by information technologies that support the goals of the Army Campaign Plan and other Army/Joint mandates. WIN-T is a cornerstone tactical communications system supporting the implementation of the LandWarNet strategy during the 2007 to 2025 time-frame. The WIN-T program is establishing a single integrating framework creating a network of networks for the Army.

The WIN-T program focus is to design, develop, produce and field the Future Modular Force on-the-move network, while leveraging mature technologies that can enhance the Current Modular Force to operate in an emerging noncontiguous environment. WIN-T will be developed and fielded in increments that will successively build upon one another.

WIN-T Increment 1 (formerly Joint Network Node-Network (JNN-N)) is currently a Program of Record based on Annex I of the Bridge to Future Networks (BFN) Capabilities Production Document (CPD), approved by the Joint Requirements Oversight Council (JROC) in October 2006. WIN-T Increment 1 is further sub-divided into two versions: WIN-T Increment 1a, the JNN-N follow-on with added Ka military satellite capability, and WIN-T Increment 1b, which will incorporate technology insertions, via the Modification Work Order (MWO) process, from the developmental WIN-T Increment 2 program. The Army's legacy tactical communications network and Command and Control, Communications and Computers, Intelligence, Surveillance and Reconnaissance (C4ISR) capabilities were not designed for, nor capable of supporting the current and future Warfighter needs. WIN-T Increment 1 provides a much broader spectrum of information services: video/multimedia, graphics data, imagery, collaborative planning tools, and one Common Operating Picture just to name a few. The program provides the battle commander with an offensively oriented network with extended reach and reach-back, and increased throughput. The Network provides connectivity between the organic Network Support Companies in the Brigade Combat Teams (BCTs) and the division Support Brigades (SBs) to allow these units to be self-supporting, as derived from the Chief of Staff of the Army's charge to create modular, self-contained Brigade sized units capable of deployment. It provides organic network support transmission facilities to provide a more capable system than the legacy Area Common User System (ACUS). WIN-T Increment 1 enhances the current forces with technologies that ensure operational relevancy and interoperability with future systems. It also provides the current Warfighter with a state-of-the art communications backbone that enables them to exchange information (voice, data, and video) at high speeds with high reliability throughout the tactical Division, BCT, and Battalion level elements.

WIN-T Increment 1 is a communications system that provides reliable, high-speed information services and information exchanges to enable the Warfighter with the means to control battlefield tempo by getting the right information to the right place at the right time.

Executive Summary

The Product Manager (PdM) for WIN-T Increment 1 continues to acquire and field WIN-T Increment 1a nodes in accordance with the operational requirements of the Army, per authorization contained in the Acquisition Decision Memorandum (ADM) dated June 5, 2007. Each transportable node contains a configuration of satellite and baseband networking equipment that supports the simultaneous transmission of voice, video, and data using Internet Protocol (IP) technology at the quick halt. These nodes vary in configuration, capacities, and quantities according to the level of command they support. The three types of transportable nodes are: the Tactical Hub Node (THN), which supports division headquarters; the Joint Network Node (JNN), which supports brigade level headquarters; and the Battalion Command Post Node (BnCPN), which supports battalion level headquarters. The fourth type of node, the Regional Hub Node (RHN), is a fixed installation equivalent to three THNs, which is used to support theater level operations.

Due to a continued delay in the release of the Beyond Low Rate Production (BLRIP) Report, scheduling for a Full-Rate Production Decision Review (FRP DR) continues to be delayed, resulting in a schedule breach. A Program Deviation Report (PDR) has been submitted explaining this breach and it has been accepted.

The acquisition objective has increased by 83 nodes due to Grow the Army requirements, resulting in a new completion of initial fielding date of third quarter FY 2012.

There are no significant software-related issues with this program at this time.

Threshold Breaches

APB Breaches		
Schedule		☑
Performance		☐
Cost	RDT&E	☑
	Procurement	☐
	MILCON	☐
	Acq O&M	☐
Unit Cost	PAUC	☐
	APUC	☐

Nunn-McCurdy Breaches		
Current UCR Baseline		
	PAUC	None
	APUC	None
Original UCR Baseline		
	PAUC	None
	APUC	None

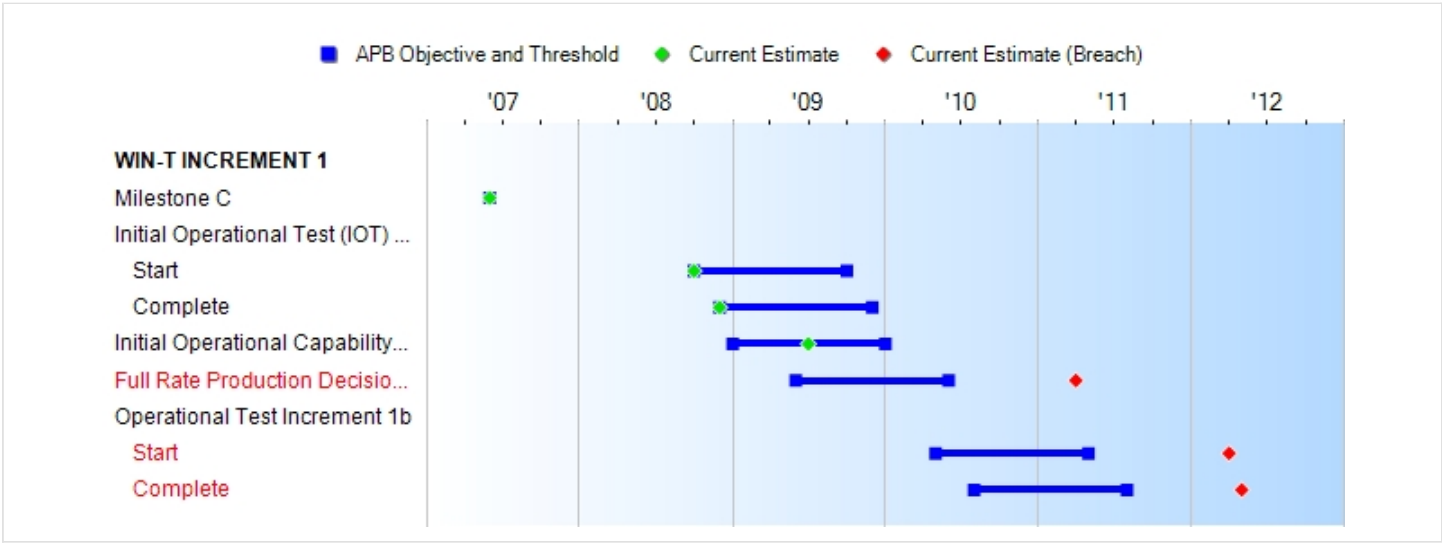
Explanation of Breach

The WIN-T Increment 1b Operational Test (OT), which is to be conducted in direct support of WIN-T Increment 2's Initial Operational Test (IOT), has been rescheduled again, due to delays in the WIN-T Increment 2 test schedule. The original testing delay caused an Acquisition Program Baseline (APB) schedule breach for Increment 1, which was reported via a Program Deviation Report (PDR).

The Full Rate Production Decision Review (FRP DR), originally listed in the APB with a threshold date of June 2010, continues to be delayed pending the release of the Beyond Low Rate Initial Production Report. Another PDR was submitted to address the schedule breach caused by this delay.

An RDT&E breach has occurred as a result of the additional cost associated with the WIN-T Increment 1b OT requirement not being accounted for in the original approved program. The RDT&E increase of $12.7M for the Increment 1b OT was initially identified in FY 2010; it was unfunded by the Department of the Army due to delays in Increment 2 IOT. The current Increment 1b OT RDT&E funding requirement of $13.2M in FY 2012 is based on the revised Increment 2 IOT schedule. RDT&E funding only represents 2.1% of total funding, so this perturbation is not considered significant enough to warrant submission of another PDR. Per the Army G-3/7 (DAMO-CIC) memorandum, dated December 23, 2010, the draft Increment 1b Capabilities Production Document (CPD), which would have been the basis for the Increment 1b OT, has been canceled. This is because the technology that constitutes the Increment 1b versions is sufficiently addressed in other already approved documents. The cancellation of the CPD significantly reduces the Increment 1b testing scope, because the Increment 1b technology insertion will now likely be accomplished as a Modification Work Order. The precise impact of this reduction on the required types and quantities of funding is currently being determined.

Schedule



Milestones	SAR Baseline Prod Est	Current APB Production Objective/Threshold		Current Estimate	
Milestone C	JUN 2007	JUN 2007	JUN 2007	JUN 2007	
Initial Operational Test (IOT) (Increment 1a)					
Start	OCT 2008	OCT 2008	OCT 2009	OCT 2008	
Complete	DEC 2008	DEC 2008	DEC 2009	DEC 2008	
Initial Operational Capability (IOC)	JAN 2009	JAN 2009	JAN 2010	JUL 2009	
Full Rate Production Decision Review	JUN 2009	JUN 2009	JUN 2010	**APR 2011**[1]	(Ch-1)
Operational Test Increment 1b					
Start	MAY 2010	MAY 2010	MAY 2011	**APR 2012**[1]	(Ch-2)
Complete	AUG 2010	AUG 2010	AUG 2011	**MAY 2012**[1]	(Ch-2)

[1]*APB Breach*

Change Explanations

(Ch-1) This year's current estimate of April 2011 is a change from last year's estimated date of March 2010. The Full Rate Production Decision Review, originally listed in the APB with a threshold date of June 2010, continues to be delayed pending the release of the Beyond Low Rate Initial Production Report. A Program Deviation Report was submitted to address the schedule breach caused by this delay.

(Ch-2) This year's current estimate of April 2012 start date is a change from last year's estimated date of November 2011 and this year's current estimate of May 2012 complete date is a change from last year's estimated date of November 2011. The Increment 1b Operational Test (OT) directly supports Increment 2's Initial Operational Test (IOT), which is experiencing a slip in their IOT date, forcing Increment 1 to delay the 1b OT again.

Performance

Characteristics	SAR Baseline Prod Est	Current APB Production Objective/Threshold		Demonstrated Performance	Current Estimate
Net-Ready KPP	Satisfy 100% of interfaces, services, policy-enforcement controls; and data correctness, availability and processing requirements in the Jt integrated architecture	Satisfy 100% of interfaces, services, policy-enforcement controls; and data correctness, availability and processing requirements in the Jt integrated architecture	Satisfy 100% of interfaces; services; policy-enforcement controls; and data correctness, availability and processing requirements designated as enterprise-level or critical in the Jt integrated architecture	TBD	Satisfy 100% of interfaces, services, policy-enforcement controls; and data correctness, availability and processing requirements in the Jt integrated architecture

Requirements Source: Bridge to Future Networks (BFN) Capabilities Production Document with Annexes, approved by the Joint Requirements Oversight Council in October, 18 2006

Acronyms And Abbreviations

Jt - Joint
KPP - Key Performance Parameter
TBD - To be determined

Change Explanations

None

Memo

The sole Performance Characteristic, Net-Ready, is documented in the Joint Network Node-Network (JNN-N) Annex I of the Bridge to Future Networks (BFN) Capabilities Production Document (CPD), approved October 2006. The Net-Ready Key Performance Parameter (KPP), the only KPP, was not successfully demonstrated during 2008 IOT&E. Awaiting Increment 1a validation via the Joint Interoperability Test Command (JITC) Certification expected in July 2011. The Increment 1b operational test is scheduled to start in April 2012.

Track To Budget

General Memo

WIN-T Increment 1 procurement is funded under BB1601 through FY 2008, and under BW7110 in FY 2009 and beyond. Parent LIne is BW7100.

RDT&E

APPN 2040	BA 05	PE 06054818A	(Army)
	Project JN1	JNN/Joint Network Node	

Procurement

APPN 2035	BA 02		(Army)
	ICN BB1601	JNN	
	ICN BW7110	WIN-T Increment 1	

Cost and Funding

Cost Summary

Total Acquisition Cost and Quantity

	BY2007 $M			BY2007 $M	TY $M		
Appropriation	SAR Baseline Prod Est	Current APB Production Objective/Threshold		Current Estimate	SAR Baseline Prod Est	Current APB Production Objective	Current Estimate
RDT&E	23.0	23.0	29.9	**34.5** [1]	23.7	23.7	36.2
Procurement	3775.0	3775.0	4152.5	4151.6	3856.0	3856.0	4266.9
Flyaway	2206.2	--	--	2237.1	2232.0	--	2252.0
Recurring	2173.1	--	--	2193.7	2197.6	--	2207.1
Non Recurring	33.1	--	--	43.4	34.4	--	44.9
Support	1568.8	--	--	1914.5	1624.0	--	2014.9
Other Support	1339.2	--	--	1678.7	1395.0	--	1780.3
Initial Spares	229.6	--	--	235.8	229.0	--	234.6
MILCON	0.0	0.0	--	0.0	0.0	0.0	0.0
Acq O&M	0.0	0.0	--	0.0	0.0	0.0	0.0
Total	3798.0	3798.0	N/A	4186.1	3879.7	3879.7	4303.1

[1] ***APB Breach***

Quantity	SAR Baseline Prod Est	Current APB Production	Current Estimate
RDT&E	0	0	0
Procurement	1677	1677	1860
Total	1677	1677	1860

Unit of measure is a combination of communications nodes, which vary in configuration, capacities, and quantities according to the level of command they support. The three types of transportable nodes are: the Tactical Hub Node (THN), which supports division headquarters; the Joint Network Node (JNN), which supports brigade level headquarters; and the Battalion Command Post Node (BnCPN), which supports battalion level headquarters. The fourth type of node, the Regional Hub Node (RHN), is a fixed installation equivalent to three THNs, which is used to support theater level operations.

Cost and Funding

Funding Summary

Appropriation and Quantity Summary
FY2012 President's Budget / December 2010 SAR (TY$ M)

Appropriation	Prior	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	To Complete	Total
RDT&E	23.0	0.0	13.2	0.0	0.0	0.0	0.0	0.0	36.2
Procurement	3706.3	29.9	34.8	27.7	265.3	128.6	74.3	0.0	4266.9
MILCON	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Acq O&M	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PB 2012 Total	3729.3	29.9	48.0	27.7	265.3	128.6	74.3	0.0	4303.1
PB 2011 Total	3741.9	29.9	31.7	27.6	3.4	0.5	0.0	0.0	3835.0
Delta	-12.6	0.0	16.3	0.1	261.9	128.1	74.3	0.0	468.1

Quantity	Undistributed	Prior	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	To Complete	Total
Development	0	0	0	0	0	0	0	0	0	0
Production	0	1860	0	0	0	0	0	0	0	1860
PB 2012 Total	0	1860	0	0	0	0	0	0	0	1860
PB 2011 Total	0	1777	0	0	0	0	0	0	0	1777
Delta	0	83	0	0	0	0	0	0	0	83

Cost and Funding

Annual Funding By Appropriation

Annual Funding TY$
2040 | RDT&E | Research, Development, Test, and Evaluation, Army

Fiscal Year	Quantity	End Item Recurring Flyaway TY $M	Non End Item Recurring Flyaway TY $M	Non Recurring Flyaway TY $M	Total Flyaway TY $M	Total Support TY $M	Total Program TY $M
2006	--	--	--	--	--	--	7.2
2007	--	--	--	--	--	--	--
2008	--	--	--	--	--	--	15.8
2009	--	--	--	--	--	--	--
2010	--	--	--	--	--	--	--
2011	--	--	--	--	--	--	--
2012	--	--	--	--	--	--	13.2
Subtotal	**--**	**--**	**--**	**--**	**--**	**--**	**36.2**

Annual Funding BY$
2040 | RDT&E | Research, Development, Test, and Evaluation, Army

Fiscal Year	Quantity	End Item Recurring Flyaway BY 2007 $M	Non End Item Recurring Flyaway BY 2007 $M	Non Recurring Flyaway BY 2007 $M	Total Flyaway BY 2007 $M	Total Support BY 2007 $M	Total Program BY 2007 $M
2006	--	--	--	--	--	--	7.2
2007	--	--	--	--	--	--	--
2008	--	--	--	--	--	--	15.2
2009	--	--	--	--	--	--	--
2010	--	--	--	--	--	--	--
2011	--	--	--	--	--	--	--
2012	--	--	--	--	--	--	12.1
Subtotal	**--**	**--**	**--**	**--**	**--**	**--**	**34.5**

Annual Funding TY$
2035 | Procurement | Other Procurement, Army

Fiscal Year	Quantity	End Item Recurring Flyaway TY $M	Non End Item Recurring Flyaway TY $M	Non Recurring Flyaway TY $M	Total Flyaway TY $M	Total Support TY $M	Total Program TY $M
2004	195	302.3	--	--	302.3	41.9	344.2
2005	215	296.7	--	--	296.7	121.2	417.9
2006	349	452.1	--	5.8	457.9	325.0	782.9
2007	327	385.9	--	--	385.9	80.4	466.3
2008	741	701.0	--	39.1	740.1	800.2	1540.3
2009	33	69.1	--	--	69.1	56.3	125.4
2010	--	--	--	--	--	29.3	29.3
2011	--	--	--	--	--	29.9	29.9
2012	--	--	--	--	--	34.8	34.8
2013	--	--	--	--	--	27.7	27.7
2014	--	--	--	--	--	265.3	265.3
2015	--	--	--	--	--	128.6	128.6
2016	--	--	--	--	--	74.3	74.3
Subtotal	**1860**	**2207.1**	**--**	**44.9**	**2252.0**	**2014.9**	**4266.9**

Annual Funding BY$
2035 | Procurement | Other Procurement, Army

Fiscal Year	Quantity	End Item Recurring Flyaway BY 2007 $M	Non End Item Recurring Flyaway BY 2007 $M	Non Recurring Flyaway BY 2007 $M	Total Flyaway BY 2007 $M	Total Support BY 2007 $M	Total Program BY 2007 $M
2004	195	319.4	--	--	319.4	44.2	363.6
2005	215	304.8	--	--	304.8	124.5	429.3
2006	349	452.5	--	5.8	458.3	325.2	783.5
2007	327	377.2	--	--	377.2	78.6	455.8
2008	741	674.1	--	37.6	711.7	769.5	1481.2
2009	33	65.7	--	--	65.7	53.5	119.2
2010	--	--	--	--	--	27.5	27.5
2011	--	--	--	--	--	27.6	27.6
2012	--	--	--	--	--	31.6	31.6
2013	--	--	--	--	--	24.8	24.8
2014	--	--	--	--	--	233.2	233.2
2015	--	--	--	--	--	111.2	111.2
2016	--	--	--	--	--	63.1	63.1
Subtotal	**1860**	**2193.7**	**--**	**43.4**	**2237.1**	**1914.5**	**4151.6**

Funding (mostly Supplemental) from FY 2004 to FY 2007 was used to acquire Joint Network Node under the condition of urgency for units deploying to Operation Iraqi Freedom / Operation Enduring Freedom. FY 2008 and FY 2009 supplemental funding has been used to acquire WIN-T Increment 1 to outfit units in accordance with Army priorities.

Procurement dollars in FY 2010 and beyond are for technology insertions – a planned Modification Work Order to provide Net-Centric Waveform and colorless core (enhanced encryption) technology.

Low Rate Initial Production

	Initial LRIP Decision	Current Total LRIP
Approval Date	6/5/2007	6/5/2007
Approved Quantity	199	216
Reference	WIN-T Program ADM	WIN-T Program ADM
Start Year	2007	2007
End Year	2010	2011

WIN-T Increment 1 Low Rate Initial Production (LRIP) is consistent with Defense Acquisition Executive (DAE) direction in the WIN-T Program Acquisition Decision Memorandum (ADM), dated June 5, 2007, and the Office of Secretary of Defense (OSD) Cost Analysis Improvement Group (CAIG) estimate. The WIN-T Program ADM defines Increment 1 LRIP as the quantities required "to meet operational requirements of the Army". The ADM also directs Increment 1 fielding up "to about 199 [total] units", which represents the Full Operational Capability requirement, not including expected Army growth. Therefore, the ADM LRIP permits acquisition of more than 10 percent of the total program quantity. The most current estimate, including Grow the Army, is 216 units.

Foreign Military Sales

None

Nuclear Cost

None

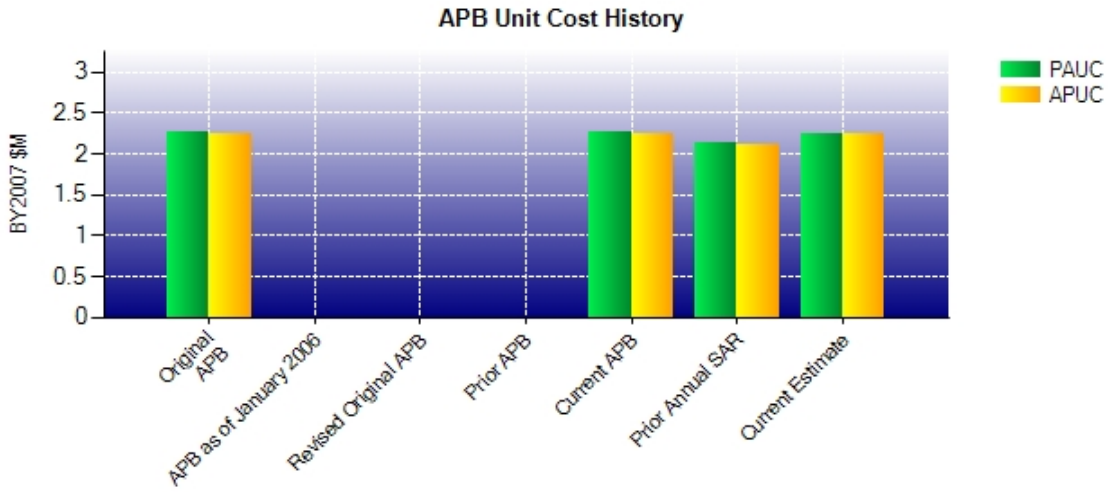
Unit Cost

Unit Cost Report

Unit Cost	BY2007 $M Current UCR Baseline (OCT 2007 APB)	BY2007 $M Current Estimate (DEC 2010 SAR)	BY % Change
Program Acquisition Unit Cost (PAUC)			
Cost	3798.0	4186.1	
Quantity	1677	1860	
Unit Cost	2.265	2.251	-0.62
Average Procurement Unit Cost (APUC)			
Cost	3775.0	4151.6	
Quantity	1677	1860	
Unit Cost	2.251	2.232	-0.84

Unit Cost	BY2007 $M Original UCR Baseline (OCT 2007 APB)	BY2007 $M Current Estimate (DEC 2010 SAR)	BY % Change
Program Acquisition Unit Cost (PAUC)			
Cost	3798.0	4186.1	
Quantity	1677	1860	
Unit Cost	2.265	2.251	-0.62
Average Procurement Unit Cost (APUC)			
Cost	3775.0	4151.6	
Quantity	1677	1860	
Unit Cost	2.251	2.232	-0.84

Unit Cost History



		BY2007 $M		TY $M	
	Date	PAUC	APUC	PAUC	APUC
Original APB	OCT 2007	2.265	2.251	2.313	2.299
APB as of January 2006	N/A	N/A	N/A	N/A	N/A
Revised Original APB	N/A	N/A	N/A	N/A	N/A
Prior APB	N/A	N/A	N/A	N/A	N/A
Current APB	OCT 2007	2.265	2.251	2.313	2.299
Prior Annual SAR	DEC 2009	2.126	2.107	2.158	2.138
Current Estimate	DEC 2010	2.251	2.232	2.313	2.294

SAR Unit Cost History

Current SAR Baseline to Current Estimate (TY $M)

Initial PAUC Prod Est	Changes								PAUC Current Est
	Econ	Qty	Sch	Eng	Est	Oth	Spt	Total	
2.313	-0.014	-0.100	0.000	0.000	-0.104	0.000	0.218	0.000	2.313

Current SAR Baseline to Current Estimate (TY $M)

Initial APUC Prod Est	Changes								APUC Current Est
	Econ	Qty	Sch	Eng	Est	Oth	Spt	Total	
2.299	-0.014	-0.098	-0.001	0.000	-0.110	0.000	0.218	-0.005	2.294

SAR Baseline History

Item/Event	SAR Planning Estimate (PE)	SAR Development Estimate (DE)	SAR Production Estimate (PdE)	Current Estimate
Milestone A	N/A	N/A	N/A	N/A
Milestone B	N/A	N/A	N/A	N/A
Milestone C	N/A	N/A	JUN 2007	JUN 2007
IOC	N/A	N/A	JAN 2009	JUL 2009
Total Cost (TY $M)	N/A	N/A	3879.7	4303.1
Total Quantity	N/A	N/A	1677	1860
Prog. Acq. Unit Cost (PAUC)	N/A	N/A	2.313	2.313

Cost Variance

Cost Variance Summary

Summary Then Year $M				
	RDT&E	Proc	MILCON	Total
SAR Baseline (Prod Est)	23.7	3856.0	--	3879.7
Previous Changes				
Economic	-0.1	-25.8	--	-25.9
Quantity	--	+118.5	--	+118.5
Schedule	--	-0.5	--	-0.5
Engineering	--	--	--	--
Estimating	+12.2	-75.3	--	-63.1
Other	--	--	--	--
Support	--	-73.7	--	-73.7
Subtotal	+12.1	-56.8	--	-44.7
Current Changes				
Economic	--	-0.4	--	-0.4
Quantity	--	+119.5	--	+119.5
Schedule	+0.4	-0.6	--	-0.2
Engineering	--	--	--	--
Estimating	--	-129.9	--	-129.9
Other	--	--	--	--
Support	--	+479.1	--	+479.1
Subtotal	+0.4	+467.7	--	+468.1
Total Changes	+12.5	+410.9	--	+423.4
CE - Cost Variance	36.2	4266.9	--	4303.1
CE - Cost & Funding	36.2	4266.9	--	4303.1

Summary Base Year 2007 $M				
	RDT&E	Proc	MILCON	Total
SAR Baseline (Prod Est)	23.0	3775.0	--	3798.0
Previous Changes				
Economic	--	--	--	--
Quantity	--	+113.5	--	+113.5
Schedule	--	--	--	--
Engineering	--	--	--	--
Estimating	+11.5	-72.2	--	-60.7
Other	--	--	--	--
Support	--	-72.3	--	-72.3
Subtotal	+11.5	-31.0	--	-19.5
Current Changes				
Economic	--	--	--	--
Quantity	--	+114.3	--	+114.3
Schedule	--	--	--	--
Engineering	--	--	--	--
Estimating	--	-124.7	--	-124.7
Other	--	--	--	--
Support	--	+418.0	--	+418.0
Subtotal	--	+407.6	--	+407.6
Total Changes	+11.5	+376.6	--	+388.1
CE - Cost Variance	34.5	4151.6	--	4186.1
CE - Cost & Funding	34.5	4151.6	--	4186.1

Previous Estimate: December 2009

RDT&E	$M	
Current Change Explanations	**Base Year**	**Then Year**
Change to Inc 1b Operational Test- based on the revised Inc 2 Initial Operational Test schedule (Schedule)	0.0	+0.4
RDT&E Subtotal	0.0	+0.4

Procurement	$M	
Current Change Explanations	**Base Year**	**Then Year**
Revised escalation indices. (Economic)	N/A	-0.4
Quantity variance resulting from an increase of 83 additional Inc 1a nodes bought for Grow the Army (GTA) from 1777 to 1860. (Quantity)	+114.3	+119.5
Acceleration of procurement buy profile. Additional GTA requirement (Schedule)	0.0	-0.6
Adjustment for current and prior escalation. (Estimating)	+0.2	-0.1
Increased quantities reflect effort to obtain volume discount (Estimating) (QR)	-124.9	-129.8
Adjustment for current and prior escalation. (Support)	+0.1	+0.4
Increase in Other Support. Additional funds are needed for Inc 1b Modification Work Order support to all 216 WIN-T Inc 1 units/1860 nodes. (Support)	+416.7	+477.4
Increase in Initial Spares. Additional GTA requirement. (Support)	+1.2	+1.3
Procurement Subtotal	+407.6	+467.7

(QR) Quantity Related

Contracts

Appropriation: Procurement	
Contract Name	**World-Wide Satellite Systems (WWSS)**
Contractor	General Dynamics SATCOM Technologies
Contractor Location	Duluth, GA 30096
Contract Number, Type	W15P7T-06-D-L219/5, FFP
Award Date	August 21, 2007
Definitization Date	August 21, 2007

Initial Contract Price ($M)			Current Contract Price ($M)			Estimated Price At Completion ($M)	
Target	Ceiling	Qty	Target	Ceiling	Qty	Contractor	Program Manager
50.3	N/A	103	473.6	N/A	800	993.0	993.0

Cost And Schedule Variance Explanations

Cost and Schedule variance reporting is not required on this FFP contract.

Contract Comments

The WIN-T Increment 1 delivery order on this contractual vehicle acquires some of the satellite terminal equipment and vehicles required to complete the communications nodes procured under the Baseband contract (W15P7T-07-D-K001).

Changes in the Current Contract Price from the Initial Contract Price are directly related to the changes in quantity as Army G3 identifies the specific units that are to receive Increment 1 nodes, in accordance with the terms of the Acquisition Decision Memorandum dated June 5, 2007.

Appropriation: Procurement

Contract Name	**World-Wide Satellite Systems (WWSS)**
Contractor	General Dynamics SATCOM Technologies
Contractor Location	Duluth, GA 30096
Contract Number, Type	W15P7T-06-D-L219/10, FFP
Award Date	September 29, 2009
Definitization Date	September 29, 2009

Initial Contract Price ($M)			Current Contract Price ($M)			Estimated Price At Completion ($M)	
Target	Ceiling	Qty	Target	Ceiling	Qty	Contractor	Program Manager
30.7	N/A	3	31.7	N/A	3	61.1	61.1

Cost And Schedule Variance Explanations

Cost and Schedule variance reporting is not required on this FFP contract.

Contract Comments

This Delivery Order (DO) orders all of the services and some of the hardware required to build three additional Regional Hub Nodes (RHNs) in Fort Bragg, on Guam, and in Camp Roberts.

Changes in the Current Contract Price from the Initial Contract Price are directly related to the incremental funding of this portion of the overall initiative; it is not due to price or requirement changes.

Appropriation: Procurement

Contract Name	**WIN-T Increment 1**
Contractor	GD C4 Systems
Contractor Location	Taunton, MA 02780
Contract Number, Type	W15P7T-07-D-K001, FFP/IDIQ/TM/CPFF
Award Date	September 28, 2007
Definitization Date	September 28, 2007

Initial Contract Price ($M)			Current Contract Price ($M)			Estimated Price At Completion ($M)	
Target	Ceiling	Qty	Target	Ceiling	Qty	Contractor	Program Manager
78.3	N/A	336	607.6	N/A	1053	1427.0	1427.0

Cost And Schedule Variance Explanations

Cost and Schedule variance reporting is not required on this FFP/IDIQ/TM/CPFF contract.

Contract Comments

The change in the Current Contract Price from the Initial Contract Price is directly related to the change in quantity as Army G3 identifies the specific units that are to receive Increment 1 nodes; it is not due to unscheduled price or performance requirement changes.

Deliveries and Expenditures

Deliveries To Date	Plan To Date	Actual To Date	Total Quantity	Percent Delivered
Development	0	0	0	--
Production	1312	1312	1860	70.54%
Total Program Quantities Delivered	1312	1312	1860	70.54%

Expenditures and Appropriations (TY $M)			
Total Acquisition Cost	4303.1	Years Appropriated	8
Expenditures To Date	2289.0	Percent Years Appropriated	61.54%
Percent Expended	53.19%	Appropriated to Date	3759.2
Total Funding Years	13	Percent Appropriated	87.36%

In the Acquisition Decision Memorandum dated June 5, 2007, the Defense Acquisition Executive directed the Army to secure full funding for Increment 1 acquisition and support.

Operating and Support Cost

Assumptions And Ground Rules

1. No antecedent for this system.
2. Operating and support costs based on the Program Office Estimate dated February 2007, as updated in January 2011.
3. Costs estimated in accordance with Army Cost Analysis Manual, Deputy Assistant Secretary of the Army, US Army Cost and Economics Analysis Center May 2001.
4. Operating and support cost factors taken from Operating and Support Management Information System.
5. Military Pay and Allowances estimates extracted from Army Manpower Cost System based on the known Military Occupational Specialty staffing requirements.
6. Estimated costs based on Operating Tempo as provided by Headquarters, Department of the Army.
7. Costs based on two-level maintenance concept.
8. Operating and support costs presented ramp up and extend through FY2016 for a total of 10 years.
9. Operating and support costs reflect the total average annual cost for all WIN-T Increment 1 systems. Multiplying the total average annual cost by 10 years will achieve the total cost.

Costs BY2007 $M		
Cost Element	**WIN-T INCREMENT 1 Total Average Annual Cost**	**Antecedent System N/A**
Unit-Level Manpower	380.4	--
Unit Operations	--	--
Maintenance	--	--
Sustaining Support	--	--
Continuing System Improvements	--	--
Indirect Support	--	--
Other	200.9	--
Total Unitized Cost (Base Year 2007 $)	581.3	--

Total O&S Costs $M	WIN-T INCREMENT 1	Antecedent System
Base Year	5812.8	--
Then Year	6578.9	--