



Selected Acquisition Report (SAR)

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



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

As of FY 2011 President's Budget

Defense Acquisition Management
Information Retrieval
(DAMIR)

Table of Contents

Common Acronyms and Abbreviations for MDAP Programs	3
Program Information	5
Responsible Office	5
References	5
Mission and Description	6
Executive Summary	7
Threshold Breaches	8
Schedule	9
Performance	10
Track to Budget	11
Cost and Funding	12
Low Rate Initial Production	19
Foreign Military Sales	20
Nuclear Costs	20
Unit Cost	21
Cost Variance	24
Contracts	27
Deliveries and Expenditures	29
Operating and Support Cost	30

Common Acronyms and Abbreviations for MDAP Programs

Acq O&M - Acquisition-Related Operations and Maintenance
ACAT - Acquisition Category
ADM - Acquisition Decision Memorandum
APB - Acquisition Program Baseline
APPN - Appropriation
APUC - Average Procurement Unit Cost
\$B - Billions of Dollars
BA - Budget Authority/Budget Activity
Blk - Block
BY - Base Year
CAPE - Cost Assessment and Program Evaluation
CARD - Cost Analysis Requirements Description
CDD - Capability Development Document
CLIN - Contract Line Item Number
CPD - Capability Production Document
CY - Calendar Year
DAB - Defense Acquisition Board
DAE - Defense Acquisition Executive
DAMIR - Defense Acquisition Management Information Retrieval
DoD - Department of Defense
DSN - Defense Switched Network
EMD - Engineering and Manufacturing Development
EVM - Earned Value Management
FOC - Full Operational Capability
FMS - Foreign Military Sales
FRP - Full Rate Production
FY - Fiscal Year
FYDP - Future Years Defense Program
ICE - Independent Cost Estimate
IOC - Initial Operational Capability
Inc - Increment
JROC - Joint Requirements Oversight Council
\$K - Thousands of Dollars
KPP - Key Performance Parameter
LRIP - Low Rate Initial Production
\$M - Millions of Dollars
MDA - Milestone Decision Authority
MDAP - Major Defense Acquisition Program
MILCON - Military Construction
N/A - Not Applicable
O&M - Operations and Maintenance
ORD - Operational Requirements Document
OSD - Office of the Secretary of Defense
O&S - Operating and Support
PAUC - Program Acquisition Unit Cost

PB - President's Budget
PE - Program Element
PEO - Program Executive Officer
PM - Program Manager
POE - Program Office Estimate
RDT&E - Research, Development, Test, and Evaluation
SAR - Selected Acquisition Report
SCP - Service Cost Position
TBD - To Be Determined
TY - Then Year
UCR - Unit Cost Reporting
U.S. - United States
USD(AT&L) - Under Secretary of Defense (Acquisition, Technology and Logistics)

Program Information

Program Name

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

DoD Component

Army

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References

SAR Baseline (Production Estimate)

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

Approved APB

Defense Acquisition Executive (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 JNN-Network) is currently a Program of Record based on Annex I of the Bridge to Future Networks (BFN) Capabilities Production Document (CPD), validated 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 follow-on with added Ka military satellite capability, and WIN-T Increment 1b, which will incorporate technology insertions from the developmental WIN-T Increment 2 program. WIN-T Increment 1b will be based on a new CPD, currently in draft. 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 supports 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 information to the right place at the right time.

Executive Summary

Since the previous Selected Acquisition Report, the Product Manager (PdM) for WIN-T Increment 1 has continued to acquire and field WIN-T Increment 1a nodes in accordance with the operational requirements of the Army, per authorization contained in the Acquisition Defense 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 and capacity according to the level of command they support. The three types of transportable nodes are: the Tactical Hub Node (TCN), which supports division and above 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 station installation of the equivalent of three JNNs, which is used to support theater level operations.

Additionally, the program has successfully completed two major milestones - the Initial Operational Test (IOT) of WIN-T Increment 1a nodes was completed in December 2008 and Initial Operational Capability (IOC) was achieved in July 2009.

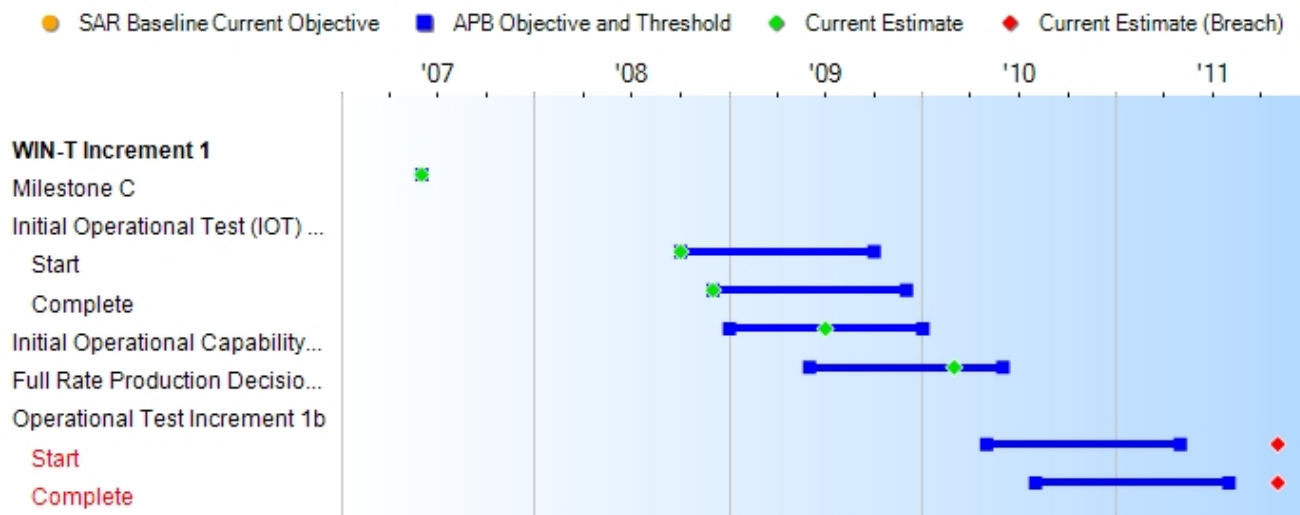
The combined WIN-T Increment 1b Operational Test (OT) and WIN-T Increment 2 IOT has been rescheduled due to delays in the WIN-T Increment 2 program. This testing delay has caused a breach to the WIN-T Increment 1b OT schedule milestone.

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

Threshold Breaches

APB Breaches		Explanation of Breach
Schedule	<input checked="" type="checkbox"/>	<p>A breach to the WIN-T Increment 1 Operational Test (OT) schedule milestone has occurred, caused by delays in the WIN-T Increment 2 Initial Operational Test and Evaluation (IOT&E). The two programs' test events must be conducted concurrently to determine the compatibility of the WIN-T Increment 1b and WIN-T Increment 2 versions of equipment. A Program Deviation Report (PDR) was submitted to the Defense Acquisition Executive (DAE) on October 22, 2009.</p> <p>A RDT&E cost breach has occurred as a result of the addition of costs associated with the WIN-T Increment 1b OT requirement not accounted for in the original approved program. A PDR is currently in the process of being submitted for this cost breach.</p>
Performance	<input type="checkbox"/>	
Cost	<input checked="" type="checkbox"/>	
RDT&E	<input type="checkbox"/>	
Procurement	<input type="checkbox"/>	
MILCON	<input type="checkbox"/>	
Acq O&M	<input type="checkbox"/>	
O&S Cost	<input type="checkbox"/>	
Unit Cost	<input type="checkbox"/>	
PAUC	<input type="checkbox"/>	
APUC	<input type="checkbox"/>	
Nunn-McCurdy Breaches		
Current UCR Baseline		
PAUC	None	
APUC	None	
Original UCR Baseline		
PAUC	None	
APUC	None	

Schedule



Schedule Events				
Events	SAR Baseline Production Estimate	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 (Ch-1)
Full Rate Production Decision Review	Jun 2009	Jun 2009	Jun 2010	Mar 2010 (Ch-2)
Operational Test Increment 1b				
Start	May 2010	May 2010	May 2011	Nov 2011 ¹ (Ch-3)
Complete	Aug 2010	Aug 2010	Aug 2011	Nov 2011 ¹ (Ch-3)

¹ APB Breach

Change Explanations

(Ch-1) Initial Operational Capability (IOC) current estimate changed from January 2009 to July 2009. While all WIN-T Increment 1 fielding, training, and testing of the first unit equipped was completed in January 2009, formal recognition of IOC was granted in July 2009.

(Ch-2) Full Rate Production Decision Review current estimate changed from June 2009 to February 2010 based on the latest schedule.

(Ch-3) Operational Test Increment 1b Start current estimate changed from Start February 2011 to November 2011, and Operational Test Increment 1b complete changed from March 2011 to November 2011 to coincide with changes in the WIN-T Increment 2 schedule.

Performance

Performance Characteristics				
SAR Baseline Production Estimate	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 Reference

Bridge to Future Networks (BFN) Capabilities Production Document (CPD) with Annexes, approved by the Joint Requirements Oversight Council (JROC) on October 18, 2006

Change Explanations

None

Notes

Performance Characteristics provided are as documented in the Joint Network Node-Network (JNN-N) Annex I of the Bridge to Future Networks (BFN) Capabilities Production Document (CPD), dated August 28, 2006.

Acronyms and Abbreviations

Jt - Joint

KPP - Key Performance Parameter

TBD - To be determined

Track to Budget

General Notes

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

RDT&E

Appn	BA	PE
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Army 2040 04 06054818A

Project	Name
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JN1 JNN/Joint Network Node

Procurement

Appn	BA	PE
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Army 2035 02

Line Item	Name
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BB1601 JNN

BW7110 WIN-T Increment 1

Cost and Funding

Cost Summary

Total Acquisition Cost							
Appropriation	BY 2007 \$M			BY 2007 \$M	TY \$M		
	SAR Baseline Production Estimate	Current APB Production Objective/Threshold		Current Estimate	SAR Baseline Production Estimate	Current APB Production Objective	Current Estimate
RDT&E	23.0	23.0	29.9	34.5 ¹	23.7	23.7	35.8
Procurement	3775.0	3775.0	4152.5	3744.0	3856.0	3856.0	3799.2
Flyaway	--	--	--	2247.5	--	--	2263.1
Recurring	--	--	--	2218.0	--	--	2232.6
Non Recurring	--	--	--	29.5	--	--	30.5
Support	--	--	--	1496.5	--	--	1536.1
Other Support	--	--	--	1261.9	--	--	1302.8
Initial Spares	--	--	--	234.6	--	--	233.3
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	3778.5	3879.7	3879.7	3835.0

¹ APB Breach

Cost Notes

An RDT&E breach has occurred as a result of the addition of costs associated with the WIN-T Increment 1b operational testing requirement not accounted for in the original approved program.

Total Quantity			
Quantity	SAR Baseline Production Estimate	Current APB Production	Current Estimate
RDT&E	0	0	0
Procurement	1677	1677	1777
Total	1677	1677	1777

Quantity Notes

Unit of measure is a combination of communications nodes, which vary in capability depending on the increment of WIN-T being executed. WIN-T Increment 1 unit of measure is comprised of Regional Hub Nodes, Division-level Hub Nodes, Brigade-level Joint Network Nodes, and the Battalion-level Command Post Nodes.

Cost and Funding

Funding Summary

Appropriation Summary									
FY 2011 President's Budget / December 2009 SAR (TY\$ M)									
Appropriation	Prior	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Complete	Total
RDT&E	23.0	12.8	0.0	0.0	0.0	0.0	0.0	0.0	35.8
Procurement	3676.8	29.3	29.9	31.7	27.6	3.4	0.5	0.0	3799.2
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 2011 Total	3699.8	42.1	29.9	31.7	27.6	3.4	0.5	0.0	3835.0
PB 2009 Total	3734.8	31.7	31.7	32.7	28.8	0.0	0.0	0.0	3859.7
Delta	-35.0	10.4	-1.8	-1.0	-1.2	3.4	0.5	0.0	-24.7

Quantity Summary										
FY 2011 President's Budget / December 2009 SAR (TY\$ M)										
Quantity	Undistributed	Prior	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	To Complete	Total
Development	0	0	0	0	0	0	0	0	0	0
Production	0	1777	0	0	0	0	0	0	0	1777
PB 2011 Total	0	1777	0	0	0	0	0	0	0	1777
PB 2009 Total	0	1677	0	0	0	0	0	0	0	1677
Delta	0	100	0	0	0	0	0	0	0	100

Cost and Funding

Annual Funding By Appropriation

Annual Funding							
2040 RDT&E Research, Development, Test, and Evaluation, Army							
Fiscal Year	Quantity	TY \$M					
		End Item Recurring Flyaway	Non End Item Recurring Flyaway	Non Recurring Flyaway	Total Flyaway	Total Support	Total Program
2006	--	--	--	--	--	--	7.2
2007	--	--	--	--	--	--	--
2008	--	--	--	--	--	--	15.8
2009	--	--	--	--	--	--	--
2010	--	--	--	--	--	--	12.8
Subtotal	--	--	--	--	--	--	35.8

Annual Funding 2040 RDT&E Research, Development, Test, and Evaluation, Army							
Fiscal Year	Quantity	BY 2007 \$M					
		End Item Recurring Flyaway	Non End Item Recurring Flyaway	Non Recurring Flyaway	Total Flyaway	Total Support	Total Program
2006	--	--	--	--	--	--	7.2
2007	--	--	--	--	--	--	--
2008	--	--	--	--	--	--	15.2
2009	--	--	--	--	--	--	--
2010	--	--	--	--	--	--	12.1
Subtotal	--	--	--	--	--	--	34.5

Annual Funding								
2035 Procurement Other Procurement, Army								
Fiscal Year	Quantity	TY \$M						
		End Item Recurring Flyaway	Non End Item Recurring Flyaway	Non Recurring Flyaway	Total Flyaway	Total Support	Total Program	
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	658	719.5	--	24.7	744.2	796.0	1540.2	
2009	33	76.1	--	--	76.1	49.2	125.3	
2010	--	--	--	--	--	29.3	29.3	
2011	--	--	--	--	--	29.9	29.9	
2012	--	--	--	--	--	31.7	31.7	
2013	--	--	--	--	--	27.6	27.6	
2014	--	--	--	--	--	3.4	3.4	
2015	--	--	--	--	--	0.5	0.5	
Subtotal	1777	2232.6	--	30.5	2263.1	1536.1	3799.2	

Annual Funding 2035 Procurement Other Procurement, Army							
Fiscal Year	Quantity	BY 2007 \$M					
		End Item Recurring Flyaway	Non End Item Recurring Flyaway	Non Recurring Flyaway	Total Flyaway	Total Support	Total Program
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	78.5	455.7
2008	658	691.8	--	23.7	715.5	765.4	1480.9
2009	33	72.3	--	--	72.3	46.8	119.1
2010	--	--	--	--	--	27.5	27.5
2011	--	--	--	--	--	27.6	27.6
2012	--	--	--	--	--	28.8	28.8
2013	--	--	--	--	--	24.6	24.6
2014	--	--	--	--	--	3.0	3.0
2015	--	--	--	--	--	0.4	0.4
Subtotal	1777	2218.0	--	29.5	2247.5	1496.5	3744.0

Funding (mostly Supplemental) from FY2004 to FY2007 was used to acquire Joint Network Node under the condition of urgency for units deploying to Operation Iraqi Freedom / Operation Enduring Freedom. FY2008 & FY2009 supplemental funding will be 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 of components. No additional end items will be procured with these funds.

Low Rate Initial Production

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

The WIN-T Increment 1 Low Rate Initial Production (LRIP) program 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 before expected Army growth. This is over 10% of the planned program buy.

Foreign Military Sales

None

Nuclear Costs

None

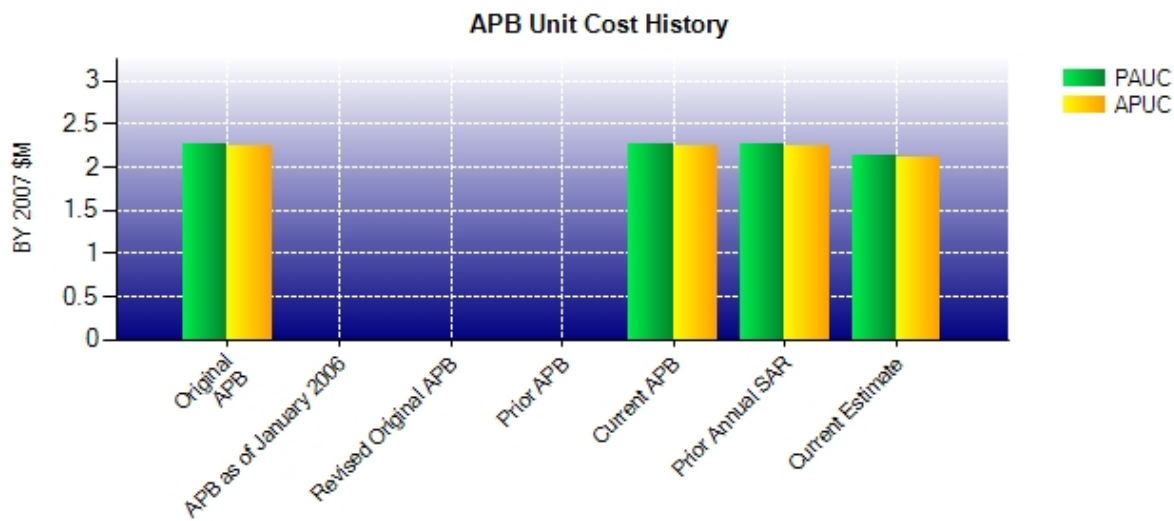
Unit Cost

Unit Cost Report

Item	BY 2007 \$M	BY 2007 \$M	% Change
	Current UCR Baseline (Oct 2007 APB)	Current Estimate (Dec 2009 SAR)	
Program Acquisition Unit Cost			
Cost	3798.0	3778.5	
Quantity	1677	1777	
Item	2.265	2.126	-6.14
Average Procurement Unit Cost			
Cost	3775.0	3744.0	
Quantity	1677	1777	
Unit Cost	2.251	2.107	-6.40

Item	BY 2007 \$M	BY 2007 \$M	% Change
	Original UCR Baseline (Oct 2007 APB)	Current Estimate (Dec 2009 SAR)	
Program Acquisition Unit Cost			
Cost	3798.0	3778.5	
Quantity	1677	1777	
Unit Cost	2.265	2.126	-6.14
Average Procurement Unit Cost			
Cost	3775.0	3744.0	
Quantity	1677	1777	
Unit Cost	2.251	2.107	-6.40

Unit Cost History



Item	Date	BY 2007 \$M		TY \$M	
		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 2007	2.265	2.251	2.302	2.287
Current Estimate	Dec 2009	2.126	2.107	2.158	2.138

SAR Unit Cost History

Current SAR Baseline to Current Estimate (TY \$M)									
Initial PAUC Production Estimate	Changes								PAUC Current Estimate
	Econ	Qty	Sch	Eng	Est	Oth	Spt	Total	
2.313	-0.015	-0.063	0.000	0.000	-0.036	0.000	-0.041	-0.155	2.158

Current SAR Baseline to Current Estimate (TY \$M)									
Initial APUC Production Estimate	Changes								APUC Current Estimate
	Econ	Qty	Sch	Eng	Est	Oth	Spt	Total	
2.299	-0.015	-0.063	0.000	0.000	-0.042	0.000	-0.041	-0.161	2.138

SAR Baseline History				
Item	SAR Planning Estimate	SAR Development Estimate	SAR Production Estimate	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	3835.0
Total Quantity	N/A	N/A	1677	1777
PAUC	N/A	N/A	2.313	2.158

Cost Variance

Summary TY \$M				
Item	RDT&E	Procurement	MILCON	Total
SAR Baseline (Production Estimate)	23.7	3856.0	--	3879.7
Previous Changes				
Economic	-0.1	-19.7	--	-19.8
Quantity	--	--	--	--
Schedule	--	-0.6	--	-0.6
Engineering	--	--	--	--
Estimating	--	-3.0	--	-3.0
Other	--	--	--	--
Support	--	+3.4	--	+3.4
Subtotal	-0.1	-19.9	--	-20.0
Current Changes				
Economic	--	-6.1	--	-6.1
Quantity	--	+118.5	--	+118.5
Schedule	--	+0.1	--	+0.1
Engineering	--	--	--	--
Estimating	+12.2	-72.3	--	-60.1
Other	--	--	--	--
Support	--	-77.1	--	-77.1
Subtotal	+12.2	-36.9	--	-24.7
Total Changes	+12.1	-56.8	--	-44.7
Current Estimate	35.8	3799.2	--	3835.0

Summary BY 2007 \$M				
Item	RDT&E	Procurement	MILCON	Total
SAR Baseline (Production Estimate)	23.0	3775.0	--	3798.0
Previous Changes				
Economic	--	--	--	--
Quantity	--	--	--	--
Schedule	--	--	--	--
Engineering	--	--	--	--
Estimating	--	-3.1	--	-3.1
Other	--	--	--	--
Support	--	+3.1	--	+3.1
Subtotal	--	--	--	--
Current Changes				
Economic	--	--	--	--
Quantity	--	+113.5	--	+113.5
Schedule	--	--	--	--
Engineering	--	--	--	--
Estimating	+11.5	-69.1	--	-57.6
Other	--	--	--	--
Support	--	-75.4	--	-75.4
Subtotal	+11.5	-31.0	--	-19.5
Total Changes	+11.5	-31.0	--	-19.5
Current Estimate	34.5	3744.0	--	3778.5

Previous Estimate: December 2007

RDT&E	\$M	
Current Change Explanations	Base Year	Then Year
Reduced total RDT&E costs based on actual costs. (Estimating)	-0.8	-0.8
Addition of cost for WIN-T Increment 1b Operational Test (OT). (Estimating)	+12.3	+13.0
RDT&E Subtotal	+11.5	+12.2

Procurement	\$M	
Current Change Explanations	Base Year	Then Year
Revised escalation indices. (Economic)	N/A	-6.1
Quantity increase of 100 nodes from 1677 to 1777. (Quantity)	+113.5	+118.5
Shift in procurement of 2 nodes from FY2008 to FY2009. (Schedule)	0.0	+0.1
Adjustment for current and prior escalation. (Estimating)	+1.2	+1.2
Estimated cost was adjusted with actual cost. (Estimating)	+54.5	+55.8
Decrease is due to quantity discount taken on Firm Fixed Price contracts. (Estimating)	-168.3	-174.9
Increase due to procurement of 31 additional nodes in FY2009. (Estimating)	+35.5	+37.3
Increase in Contractor Field Service Representative (CFSR) support based on additional production year. (Support)	+2.4	+2.5
Decrease in Other Support. (Support)	-74.3	-75.8
Increase in Initial Spares. (Support)	+4.5	+4.5
Correction to align support and flyaway. (Subtotal)	0.0	0.0
(Estimating)	(+8.0)	(+8.3)
(Support)	(-8.0)	(-8.3)
Procurement Subtotal	-31.0	-36.9

Contracts

Contract Identification

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

Contract Price

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	390.9	N/A	800	993.0	993.0

Cost and Schedule Variance Explanations

Cost and Schedule Variance reporting is not required on this (FFP) contract.

General Contract Variance Explanation

Cost and schedule variance reporting is not required on this FFP/IDIQ contract.

This represents an initial delivery order; there are subsequent options on this contract. Price data will increase when future options are exercised.

Notes

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).

The change in 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.

Contract Identification

Appropriation: Procurement
Contract Name: WIN-T Increment 1
Contractor: GD C4 Systems
Contractor Location: Taunton, MA 02780
Contract Number: W15P7T-07-D-K001
Contract Type: Firm Fixed Price (FFP), Indefinite Delivery Indefinite Quantity (IDIQ), Time and Materials (TM)
Award Date: September 28, 2007
Definitization Date: September 28, 2007

Contract Price							
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	491.0	N/A	970	1427.0	1427.0

Cost and Schedule Variance Explanations

Cost and Schedule Variance reporting is not required on this (FFP/IDIQ/TM) contract.

General Contract Variance Explanation

Cost and schedule variance reporting is not required on this FFP/IDIQ/T&M contract.

This represents an initial delivery order; there will be subsequent delivery orders issued against this contract. Price and quantity data will increase as delivery orders are placed.

Notes

\$78.3M represented the initial delivery order. Price and quantity data will increase as subsequent delivery orders are issued. Estimated price at completion is \$1,427.0M.

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.

Deliveries and Expenditures

Deliveries				
Delivered to Date	Planned to Date	Actual to Date	Total Quantity	Percent Delivered
Development	0	0	0	--
Production	1113	1113	1777	62.63%
Total Program Quantity Delivered	1113	1113	1777	62.63%

Expended and Appropriated (TY \$M)			
Total Acquisition Cost	3835.0	Years Appropriated	7
Expended to Date	1790.0	Percent Years Appropriated	58.33%
Percent Expended	46.68%	Appropriated to Date	3741.9
Total Funding Years	12	Percent Appropriated	97.57%

In the Acquisition Decision Memorandum of 5 June 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 February 2008.
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.

Cost Estimate Reference:

None

Sustainment Strategy:

None

Antecedent Information:

None

Unitized O&S Costs BY2007 \$M		
Cost Element	WIN-T Increment 1 Total Average Annual Cost	Antecedent System (Antecedent) N/A
Mission Pay & Allowance	364.500	--
Unit Level Consumption	0.000	--
Intermediate Maintenance	0.000	--
Depot Maintenance	0.000	--
Contractor Support	0.000	--
Sustaining Support	0.000	--
Indirect	0.000	--
Other	190.800	--
Total	555.300	--

Unitized Cost Comments:

None

Item	Total O&S Cost \$M			
	WIN-T Increment 1			Antecedent System (Antecedent)
	Current Production APB Objective/Threshold	Current Estimate		
Base Year	5889.4	6478.3	5553.1	N/A
Then Year	6923.9	N/A	6315.1	N/A

Total O&S Cost Comment

None

Disposal Estimate Details

Date of Estimate:

Source of Estimate:

Disposal/Demilitarization Total Cost (BY 2007 \$M):