Selected Acquisition Report (SAR)

RCS: DD-A&T(Q&A)823-299

Stryker Family of Vehicles (STRYKER)

As of FY 2011 President's Budget

Defense Acquisition Management
Information Retrieval
(DAMIR)

Table of Contents

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

Stryker Family of Vehicles (Stryker) (Stryker)

DoD Component

Army

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References

SAR Baseline (Production Estimate)

Defense Acquisition Executive (DAE) Approved Acquisition Program Baseline (APB) dated March 4, 2004

Approved APB

Defense Acquisition Executive (DAE) Approved Acquisition Program Baseline (APB) dated March 4, 2004

Mission and Description

Mission: The Stryker Family of Vehicles is air transportable in a C-130 aircraft, capable of immediate employment upon arrival in the area of operations, and maximizes commonality among variants. The Stryker Brigade Combat Team (SBCT) provides an immediate improvement in national, conventional deterrence by establishing the capability to place a credible combat force on the ground anywhere in the world within 96 hours from liftoff. The SBCT is a self-contained organization, which enhances strategic responsiveness by providing a base unit that is fully mobile and completely air deployable by C-130 tactical lift aircraft. It is a force which is essential in providing the strategic responsiveness and full spectrum versatility demanded by the National Military Strategy.

System Description: The Stryker Family of Vehicles is comprised of 10 configurations:

(1) Infantry Carrier Vehicle (ICV) - The SBCT mission, based on decisive action through dismounted infantry assault, mandates an ICV capability to rapidly deploy an overmatching infantry force anywhere on the battlefield.

(2) Reconnaissance Vehicle (RV) -The principal function of the RV configuration is to provide an effective platform to enable the RSTA (Reconnaissance, Surveillance, Target Acquisition) Squadron and battalion scouts to perform reconnaissance and surveillance operations.

(3) Mortar Carrier (MC) - The MC provides immediate, responsive fire support to the SBCT in the conduct of fast paced offensive operations. These immediate, on-demand fires are critical to the ability of dismounted infantry to rapidly achieve decisive results.

(4) Commander's Vehicle (CV) -The CV provides an operational platform for selected elements of command within the SBCT. Commanders must have the capability to see and direct the battle continuously, maintaining the Common Relevant Operating Picture (CROP) for all friendly forces within their respective areas of operation.

(5) Fire Support Vehicle (FSV) -The FSV provides enhanced surveillance, target acquisition, target identification, target designation, and communications to support the SBCT with "first round" fire for effect capability.

(6) Engineer Squad Vehicle (ESV) -The ESV provides the platform for the Engineer Company to provide the required mobility and limited counter mobility to support the SBCT.

(7) Medical Evacuation Vehicle (MEV) -The MEV integrates medical evacuation support into the SBCT as an essential element of the inter-netted combat forward formation.

(8) Anti-Tank Guided Missile Vehicle (ATGM) -The ATGM provides the brigade's primary tank killing capability.

(9) Nuclear, Biological, Chemical, Reconnaissance Vehicle (NBCRV) - The NBCRV, with its integral NBC Reconnaissance Sensor Suite, provides NBC situational awareness and Detect to Warn via cooperative NBC networks and reconnaissance to increase the combat power of the deployed force. The NBCRV is not required for Initial Operational Capability (IOC).

(10) Mobile Gun System (MGS) - The MGS supports assaulting infantry and is the key weapons overmatch platform to ensure mission success and survivability of the Combined Arms Company. The ATGM will serve as the In-Lieu-Of (ILO) until the MGS development is completed. To accommodate use of the ATGM ILO MGS, the Army completed development of a separate Tube-launched Optically-tracked Wire-guided missile (TOW) warhead optimized to defeat the MGS targets.

Executive Summary

Eight of the ten variants in the Stryker Family of Vehicles are in full rate production (FRP). The remaining two variants are in Extended Low Rate Initial Production (ELRIP) (the Mobile Gun System (MGS) and the Nuclear, Biological, Chemical, Reconnaissance Vehicle (NBCRV)). The Stryker Program is also investigating possible course of action consistent with Army's overarching modernization program which may include the Stryker vehicle.

Modernization: The Stryker Modernization Program (S-MOD) is not yet approved. A modernization concept was briefed at the 2009 Stryker Configuration Steering Board (CSB) on August 17, 2009. A memo documenting the results and recommendations was forwarded from the Army Acquisition Executive (AAE) to the Defense Acquisition Executive (DAE). One recommendation contained in the memo is to authorize the use of current Stryker Research, Development, Test, & Evaluation (RDT&E) funding for the Modernization Program to a Milestone B (MS B) decision. The target date for S-MOD MS B is 1st Quarter FY12 pending further refinement of the level of Modernization at the 2010 Stryker CSB. Although a memorandum has not yet been received from the DAE, the Stryker Program expects to receive guidance to convene an Office of Secretary of Defense (OSD) Overarching Integrated Product Team (OIPT) meeting to provide a complete overview of Stryker Modernization efforts. The review will include the activities already underway to address MGS deficiencies as well as new efforts planned for the Stryker Family of Vehicles. Although the extent of the modernization program is still under discussion, it is expected to require separate reporting/visibility if approved. Therefore, all funding associated with the Modernization Program (currently RDT&E funds only) has been removed from this Selected Acquisition Report (SAR).

MGS: A meeting of the MGS Test Working Integrated Product Team (TWIPT) was held December 2, 2009 at Aberdeen Proving Grounds (APG), to lay out and address issues/events required to meet Full Rate Production (FRP) decision. Further actions and discussions are ongoing to determine when the FRP can be scheduled. Program Office has updated the December 2009 MGS Congressionally Mandated Report in consultation with Director of Operational Test & Evaluation (DOT&E). This is the second update (third report) which is currently being staffed for submittal to Congressional defense committees. A review of progress on the Acquisition Decision Memorandum (ADM) deficiencies will be part of the DAE's OIPT overview of Stryker Modernization efforts, which will be scheduled within 60 days of receipt of a signed CSB memo providing direction to schedule the OIPT meeting.

NBCRV: On December 22, 2007, the Under Secretary of Defense, Acquisition, Technology and Logistics, signed the NBCRV Acquisition Decision Memorandum (ADM). This document authorized the purchase of an additional 95 NBCRV systems within an ELRIP strategy and required a reliability growth program of two NBCRV vehicles up to 14,000 miles to demonstrate the system meets the User's requirement of 1,000 Mean Miles Between System Abort (MMBSA). This reliability growth testing began on April 30, 2009 per the test plan, a 8k mile off-ramp scoring conference was conducted on December 17, 2009. The NBCRV program met the off-ramp criteria established in the approved Test and Evaluation Master Plan (TEMP) by exceeding the 1,333 Mean Miles Between System Abort (MMBSA) with 70% confidence, officially concluding the Reliability Growth Test.

The NBCRV TEMP Rev. 6 was updated with required Live Fire Test Language. Controlled Damage Experiments, a component of the Live Fire testing, started November 2009. TEMP change issues were discussed with DOT&E at a December 23, 2009 meeting. It was determined that the Initial Operational Test (IOT Phase II) scope and resources will remain the same as in the current approved TEMP. IOT Phase II is currently planned for September 2010 at Dugway Proving Grounds.

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	☐
O&S Cost		☑
Unit Cost	PAUC	☐
	APUC	☐

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

Explanation of Breach

Please refer to the last SAR for a discussion of breaches through December 2007.

Schedule: Additional delays in the Nuclear, Biological, Chemical, Reconnaissance Vehicle (NBCRV) and Mobile Gun System (MGS) Milestone (MS) III decisions have occurred since December 2008 due to the requirement to mitigate MGS deficiencies as required by the 2009 National Defense Authorization Act (NDAA), and the loss (deployment) of the Stryker Brigade Combat Team (SBCT) unit which was scheduled to participate in Initial Operational Test and Evaluation (IOT&E) for NBCRV.

Procurement: The costs have decreased since the last SAR (-$169.1M BY04$), however an Acquisition Program Baseline (APB) cost breach continues to exist. Cost decreased due to the removal of funding for higher Army priorities (-$1,738.3M BY04$) in addition to decreased Program Management and System Technical Support Requirements (-$215.1M BY04$). This is primarily due to the contraction of the procurement schedule and the redirection of Stryker funding into an additional budget line for modifications starting in FY11. Requirements for modifications are excluded from this SAR. These cost decreases were largely offset by increases due to additional vehicle procurements to support creation of an Operation Enduring Freedom (OEF) Theatre Provided Equipment (TPE) Fleet and an 8th Stryker Brigade ($1,343.0 BY04$), new Operation Iraqi Freedom (OIF)/OEF Survivability Kit requirements ($392.6 BY04$), and additional costs associated with National Maintenance Work Requirement (NMWR) development and Core Depot Facilitization ($48.7 BY04$).

MILCON: The cost breach increased $3.2M BY04$ since the last SAR due to the addition of one new project and the push out of another project from FY11 to FY12.

Schedule


SAR Baseline Current Objective
APB Objective and Threshold
Current Estimate
Current Estimate (Breach)
'00
'01
'02
'03
'04
'05
'06
'07
'08
'09
'10
'11
Stryker
Milestone II
Low Rate Initial Production (...
FSV Initial Production IPR
First Unit Equipped (FUE)
Initial Operational Test and ...
Start
Completion
NBC RV Initial Production IPR
Armor IPR
MC(B) Milestone III
MGS Initial Production IPR (...
Initial Operational Capability...
Milestone III
Net Ready Migration Strateg...
NBC RV Milestone III
MGS Milestone III
Full Operational Capability (...

Schedule Events					
Events	**SAR Baseline Production Estimate**	**Current APB Production Objective/Threshold**		**Current Estimate**	
Milestone II	Nov 2000	Nov 2000	May 2001	Nov 2000	
Low Rate Initial Production (LRIP)	Nov 2000	Nov 2000	May 2001	Nov 2000	
FSV Initial Production IPR	Aug 2001	Aug 2001	Feb 2002	Aug 2001	
First Unit Equipped (FUE)	Mar 2003	Mar 2003	Sep 2003	Mar 2003	
Initial Operational Test and Evaluation (IOT&E #1)					
Start	Apr 2003	Apr 2003	Oct 2003	Apr 2003	
Completion	Sep 2003	Sep 2003	Mar 2004	Sep 2003	
NBC RV Initial Production IPR	Aug 2004	Aug 2004	Feb 2005	Oct 2004	
Armor IPR	Jun 2004	Jun 2004	Dec 2004	**Feb 2005**[1]	
MC(B) Milestone III	Aug 2004	Aug 2004	Feb 2005	Dec 2004	
MGS Initial Production IPR (Mobile Gun System)	Aug 2004	Aug 2004	Feb 2005	Oct 2004	
Initial Operational Capability (IOC)	Nov 2003	Nov 2003	May 2004	Nov 2003	
Milestone III	Mar 2004	Mar 2004	Sep 2004	Mar 2004	
Net Ready Migration Strategy IPR Decision	Aug 2004	Aug 2004	Feb 2005	Aug 2004	
NBC RV Milestone III	Sep 2006	Sep 2006	Mar 2007	**Apr 2011**[1]	(Ch-1)
MGS Milestone III	Sep 2006	Sep 2006	Mar 2007	**Apr 2011**[1]	(Ch-2)
Full Operational Capability (FOC): BDE #3	Jun 2006	Jun 2006	Dec 2006	Nov 2006	

[1] *APB Breach*

Change Explanations

(Ch-1) The Nuclear, Biological, Chemical, Reconnaissance Vehicle (NBCRV) Initial Operational Test and Evaluation (IOT&E) Phase II was originally scheduled for May 2010 which would have supported a Full Rate Production (FRP) decision in September 2010. However, the unit identified to take part in the Phase II testing (2/25 SBCT) has been moved forward in the deployment rotation and is, therefore, relieved of its mission to support this test. A replacement unit (44th Chemical Company or 1/25 SBCT) has been identified, but the earliest the replacement unit will be available and trained to participate in the NBCRV IOT&E Phase II is September 2010. Based on completion of this test, a revised MS III/FRP decision for the NBCRV is April 2011.
(Ch-2) The Mobile Gun System (MGS) Milestone (MS) III/Full Rate Production (FRP) decision has been pushed from March 2008 to April 2011. The Acquisition Decision Memorandum (ADM) dated August 5, 2008 granting only an Extended Low Rate Initial Production (ELRIP). The ADM directed the Army to take action to mitigate all deficiencies identified during operational and live fire testing. To confirm correction of identifed deficiencies, MGS is now performing additional Engineering Change Order (ECO) testing, to validate Mission Equipment Package (MEP) reliability, and additional Live Fire Test.

Acronyms and Abbreviations

BDE - Brigade
FSV - Fire Support Vehicle
IPR - In Progress Review
MC - Mortar Carrier
MGS - Mobile Gun System
NBC RV - Nuclear, Biological,Chemical, Reconnaissance Vehicle

Performance

Performance Characteristics				
SAR Baseline Production Estimate	**Current APB Production Objective/Threshold**		**Demonstrated Performance**	**Current Estimate**
Interoperability*				
Host and integrate planned C4ISR systems	Host and integrate planned C4ISR systems	Host and integrate existing Army C4ISR systems (EPLRS, FBCB2, ABCS, WIN-T Subscriber Node)	Demonstrated in IOT&E, host and integrate planned C4ISR systems	Host and integrate planned C4ISR systems
Transportability:				
Air Transportation*				
Transport-able in a C-130 aircraft & combat ready on exit	Transport-able in a C-130 aircraft & combat ready on exit	Transport-able on a C-130 aircraft & combat ready on exit (full basic load not req'd)	Mar 07, all 10 config-urations have been certified	Transportable in a C -130 aircraft & combat ready on exit
MGS Lethality*				
Defeat std infantry bunker and create opening for infantry in double reinforced concrete wall	Defeat std infantry bunker and create opening for infantry in double reinforced concrete wall	Defeat std infantry bunker and create opening for infantry in double reinforced concrete wall	Demonstrated in test, Feb 04	Defeat std infantry bunker and create opening for infantry in double reinforced concrete wall
ICV/ESV Squad Carrying*				
10 soldiers and 2 crew members, with individual eqmt	10 soldiers and 2 crew members, with individual eqmt	Infantry Squad (9 soldiers) and 2 crew members, with individual eqmt	Demonstrated in PVT, 10 soldiers and 2 crew members with individual eqmt	10 soldiers and 2 crew members, with individual eqmt
Reliability: (Less GFE)				
MMBCF				
2000 MMBCF	2000 MMBCF	80% confidence of achieving 1000 MMBCF	Demonstrated threshold during PVT	2000 MMBCF
Supportability (Commonality)				
Maintain Commonality baseline in contract with fielding of IAV Block Improvements	Maintain Commonality baseline in contract with fielding of IAV Block Improvements	Support characteristics established in IAV contract	Demonstrated	Maintain Commonality baseline in contract with fielding of IAV Block Improvements
Mobility				
Cruising Range				
300 miles w/o	300 miles w/o refueling	300 miles w/o refueling	Demonstrated in	300 miles w/o

refueling			PVT	refueling
Sustained Hard Surface Speed				
40 mph	40 mph	40 mph	Demonstrated in PVT	40 mph
Survivability:				
Overhead crew protection against XXX at [Classified] meters; all around crew protection against blast and over-pressure effects of XXX explosive	Overhead crew protection against XXX at [Classified] meters; all around crew protection against blast and over-pressure effects of XXX explosive	Integral frontal, side, rear, and overhead protection from XXX at [Classified] meters; overhead crew protection against XXX at [Classified] meters; all around crew protection against blast and over-pressure effects of XXX XXX	Demonstrated threshold during Ballistic acceptance test of production vehicles and LFTE	Overhead crew protection against XXX at [Classified] meters; all around crew protection against blast and over-pressure effects of XXX explosive
Combat Capability:				
FUE				
2 Company Teams equipped with IC V, MC, CV, FSV, MGS	2 Company Teams equipped with ICV, MC, CV, FSV, MGS	2 Company Teams equipped with ICV, MC, CV	Mar 03, demonstrated	2 Company Teams equipped with ICV, MC, CV, FSV, MGS
IOC				
Brigade equipped with IC V, RV, MC, CV, FSV, ESV, MEV, AT GM, MGS	Brigade equipped with ICV, RV, MC, CV, FSV, ESV, MEV, ATGM, MGS	Brigade equipped with ICV, RV, MC, CV, ESV, MEV, ATGM	Oct 03, demonstrated	Brigade equipped with ICV, RV, MC, CV, FSV, ESV, MEV, ATGM, MGS
ATGM Antitank Capability				
Host next generation of fire & forget and LOSAT missiles	Host next generation of fire & forget and LOSAT missiles	Integrate IBAS/ITAS or equiv w/equal target acquisition capability	Demonstrated threshold in PVT	Host next generation of fire & forget and LOSAT missiles
FSV: Target Acquisition accuracy of Sensor				
Integrate a lt-wt laser designator / Range-finder MEP	Integrate a lt-wt laser designator/Range-finder MEP	Integrate M707 Striker MEP with current functions	Demonstrated threshold in PVT	Integrate M707 Striker MEP with current functions
ESV: Obstacle Neutralization				
Integrate emerging mine detection devices	Integrate emerging mine detection devices	Integrate existing obstacle neutralization, & lane marking, and mine detection devices	Lane Marking demonstrated in PVT. Mine detection is moved to a blk upgrade	Integrate existing obstacle neutralization, & lane marking, and mine detection devices
RV				
OSP must operate on the move / incorporate masted sensor & target at a platform height of 5-10m	OSP must operate on the move/incorporate masted sensor & target at a platform height of 5-10m	Host, integrate & fully employ LRAS3	Demonstrated threshold in PVT	Host, integrate & fully employ LRAS3.

Requirements Reference

The Stryker Operational Requirements Document (ORD) Change 1, dated March 31, 2000.

Change Explanations

None

Notes

* Key Performance Parameters (KPPs)

Acronyms and Abbreviations

ABCS - Army Battle Command System
ATGM - Anti-Tank Guided Missile
C4ISR - Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance
CV - Commander's Vehicle
EPLRS - Enhanced Position Location Reporting System
ESV - Engineer Squad Vehicle
FBCB2 - Future Battle Command Brigade and Below
FSV - Fire Support Vehicle
FUE - First Unit Equipped
GFE - Government Furnished Equipment
IAV - Interim Armored Vehicle
IBAS - Improved Bradley Acquisition System
ICV - Infantry Carrier Vehicle
IOC - Initial Operational Capability
IOTE - Initial Operational Test Evaluation
ITAS - Improved Target Acquisition System
LFTE - Live Fire Test Evaluation
LOSAT - Line-of-Sight Anti-Tank
LRAS3 - Long Range Advanced Scout Surveillance System
MC - Mortar Carrier
MEP - Mission Equipment Package
MEV - Medical Evacuation Vehicle
MGS - Mobile Gun System
MMBCF - Mean Miles Between Critical Failures
OSP - Objective Sensor Package
PVT - Production Verification Test
RV - Reconnaissance Vehicle
WIN-T - Warfighter Information Network - Tactical

Track to Budget

General Notes

The PM's current estimate reflects FY11 President's Budget adjusted to exclude costs associated with the Stryker Modernization Program (S-MOD) (Research, Development, Test, and Evaluation (RDT&E) funded only), Project C51. In the FY11 President's Budget a new RDT&E project, C51, was created for the Stryker Modernization Program (S-MOD). The S-MOD funding, $1,102M, is excluded from the SAR report. This allows the focus to remain on the base Stryker program, Project C03, and is in anticipation of the Modernization Program being assigned a separate Program Element at MS B.

In the FY11 President's Budget a new procurement budget line was established for Stryker Modification efforts. The Stryker Vehicle program line remains for vehicle purchases. A portion of the FY11 funding previously in the Stryker Vehicle program line was moved to the Modification line along with all future funding from FY12 on out. This report includes funding for the Stryker Vehicle program only.

RDT&E

Appn	BA	PE
Army	2040	06	0603653A

Project	Name	
C03	Advanced Tank Armament System/Stryker Vehicle	(Shared)

Procurement

Appn	BA	PE
Army	2033	01	0603653A

Line Item	Name
G85100	Stryker Vehicle

MILCON

Appn	BA	PE
Army	2050	01	0202096A

Project	Name	
	MILCON	(Shared)
Notes:	EAFS-Focused Facility Strategy Investment Program	
	MILCON	(Shared)
Notes:	EAMF-Facility requirements in support of AMF	

Cost and Funding

Cost Summary

Total Acquisition Cost							
Appropriation	BY 2004 $M			BY 2004 $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	678.6	678.6	746.5	739.3	675.6	675.6	747.5
Procurement	6327.0	6327.0	6959.7	**11521.8**[1]	6525.8	6525.8	12545.7
Flyaway	--	--	--	9601.6	--	--	10424.0
Recurring	--	--	--	8072.4	--	--	8755.0
Non Recurring	--	--	--	1529.2	--	--	1669.0
Support	--	--	--	1920.2	--	--	2121.7
Other Support	--	--	--	1681.4	--	--	1855.7
Initial Spares	--	--	--	238.8	--	--	266.0
MILCON	1271.3	1271.3	1398.4	**1735.7**[1]	1333.3	1333.3	1902.8
Acq O&M	0.0	0.0	--	0.0	0.0	0.0	0.0
Total	8276.9	8276.9	N/A	13996.8	8534.7	8534.7	15196.0

[1] *APB Breach*

Cost Notes

The PM's current estimate reflects FY11 President's Budget adjusted to exclude costs associated with the Stryker Modernization Program (S-MOD) (Research, Development, Test, and Evaluation (RDT&E) funded only), Project C51. In the FY11 President's Budget a new RDT&E project, C51, was created for the Stryker Modernization Program (S-MOD). The S-MOD funding, $1,102M, is excluded from the SAR report. This allows the focus to remain on the base Stryker program, Project C03, and is in anticipation of the Modernization Program being assigned a separate Program Element at Milestone B.

In the FY11 President's Budget a new procurement budget line was established for Stryker Modification efforts. The Stryker Vehicle program line remains for vehicle purchases. A portion of the FY11 funding previously in the Stryker Vehicle program line was moved to the Modification line along with all future funding from FY12 on out. This report includes funding for the Stryker Vehicle program only.

Total Quantity			
Quantity	**SAR Baseline Production Estimate**	**Current APB Production**	**Current Estimate**
RDT&E	10	10	10
Procurement	2086	2086	3988
Total	2096	2096	3998

Quantity Notes

The increase of 461 vehicles since the last SAR is composed of vehicles for an 8th Stryker Brigade, Depot Repair Cycle Float, and Operation Enduring Freedom (OEF) Theater Provided Equipment requirements.

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	713.3	29.1	2.5	2.6	0.0	0.0	0.0	0.0	747.5
Procurement	11733.4	512.8	299.5	0.0	0.0	0.0	0.0	0.0	12545.7
MILCON	1789.8	102.0	0.0	11.0	0.0	0.0	0.0	0.0	1902.8
Acq O&M	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PB 2011 Total	14236.5	643.9	302.0	13.6	0.0	0.0	0.0	0.0	15196.0
PB 2009 Total	12135.0	974.3	1216.0	819.8	221.0	12.8	12.8	299.4	15691.1
Delta	2101.5	-330.4	-914.0	-806.2	-221.0	-12.8	-12.8	-299.4	-495.1

Funding Notes

Research, Development, Test, and Evaluation (RDT&E) and Procurement excludes funding associated with the Stryker Modernization (S-MOD). Procurement excludes funds transferred to the Stryker Modification line.

The Program Manager (PM) is not responsible for the execution of the Militiary Construction (MILCON).

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	10	0	0	0	0	0	0	0	0	10
Production	0	3812	93	83	0	0	0	0	0	3988
PB 2011 Total	10	3812	93	83	0	0	0	0	0	3998
PB 2009 Total	10	2992	106	236	193	0	0	0	0	3537
Delta	0	820	-13	-153	-193	0	0	0	0	461

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
2000	--	--	--	--	--	--	14.6
2001	--	--	--	--	--	--	241.3
2002	--	--	--	--	--	--	100.0
2003	--	--	--	--	--	--	148.1
2004	--	--	--	--	--	--	59.1
2005	--	--	--	--	--	--	57.6
2006	--	--	--	--	--	--	35.4
2007	--	--	--	--	--	--	8.4
2008	--	--	--	--	--	--	35.7
2009	--	--	--	--	--	--	13.1
2010	--	--	--	--	--	--	29.1
2011	--	--	--	--	--	--	2.5
2012	--	--	--	--	--	--	2.6
Subtotal	10	--	--	--	--	--	747.5

Annual Funding 2040 | RDT&E | Research, Development, Test, and Evaluation, Army							
Fiscal Year	Quantity	BY 2004 $M					
		End Item Recurring Flyaway	Non End Item Recurring Flyaway	Non Recurring Flyaway	Total Flyaway	Total Support	Total Program
2000	--	--	--	--	--	--	15.2
2001	--	--	--	--	--	--	248.7
2002	--	--	--	--	--	--	101.9
2003	--	--	--	--	--	--	148.2
2004	--	--	--	--	--	--	57.7
2005	--	--	--	--	--	--	54.7
2006	--	--	--	--	--	--	32.7
2007	--	--	--	--	--	--	7.6
2008	--	--	--	--	--	--	31.6
2009	--	--	--	--	--	--	11.5
2010	--	--	--	--	--	--	25.2
2011	--	--	--	--	--	--	2.1
2012	--	--	--	--	--	--	2.2
Subtotal	10	--	--	--	--	--	739.3

The PM's current estimate reflects FY11 President's Budget adjusted to exclude costs associated with the Stryker Modernization Program (S-MOD) (Research, Development, Test, and Evaluation (RDT&E) funded only), Project C51. In the FY11 President's Budget a new RDT&E project, C51, was created for the Stryker Modernization Program (S-MOD). The S-MOD funding, $1,102M, is excluded from the SAR report. This allows the focus to remain on the base Stryker program, Project C03, and is in anticipation of the Modernization Program being assigned a separate Program Element at MS B.

Annual Funding 2033 | Procurement | Procurement of Weapons and Tracked Combat Vehicles, Army							
Fiscal Year	Quantity	TY $M					
		End Item Recurring Flyaway	Non End Item Recurring Flyaway	Non Recurring Flyaway	Total Flyaway	Total Support	Total Program
2000	7	17.9	--	3.7	21.6	0.4	22.0
2001	447	724.0	--	99.3	823.3	96.8	920.1
2002	300	457.2	--	119.9	577.1	63.3	640.4
2003	279	482.4	--	112.7	595.1	127.3	722.4
2004	413	775.0	--	87.1	862.1	100.6	962.7
2005	596	1121.1	--	212.8	1333.9	110.5	1444.4
2006	494	916.2	--	188.0	1104.2	214.4	1318.6
2007	220	939.2	--	204.7	1143.9	286.7	1430.6
2008	704	2048.8	--	167.9	2216.7	556.5	2773.2
2009	352	917.3	--	168.7	1086.0	413.0	1499.0
2010	93	190.0	--	204.8	394.8	118.0	512.8
2011	83	165.9	--	99.4	265.3	34.2	299.5
Subtotal	3988	8755.0	--	1669.0	10424.0	2121.7	12545.7

Annual Funding 2033 | Procurement | Procurement of Weapons and Tracked Combat Vehicles, Army							
Fiscal Year	Quantity	BY 2004 $M					
		End Item Recurring Flyaway	Non End Item Recurring Flyaway	Non Recurring Flyaway	Total Flyaway	Total Support	Total Program
2000	7	18.5	--	3.9	22.4	0.4	22.8
2001	447	742.2	--	101.9	844.1	99.2	943.3
2002	300	462.3	--	121.2	583.5	64.1	647.6
2003	279	477.1	--	111.5	588.6	125.9	714.5
2004	413	746.0	--	83.8	829.8	96.9	926.7
2005	596	1050.2	--	199.2	1249.4	103.6	1353.0
2006	494	834.3	--	171.2	1005.5	195.2	1200.7
2007	220	837.8	--	182.6	1020.4	255.7	1276.1
2008	704	1803.0	--	147.8	1950.8	489.7	2440.5
2009	352	798.7	--	146.9	945.6	359.6	1305.2
2010	93	163.1	--	175.8	338.9	101.2	440.1
2011	83	139.2	--	83.4	222.6	28.7	251.3
Subtotal	3988	8072.4	--	1529.2	9601.6	1920.2	11521.8

In the FY11 President's Budget a new procurement budget line was established for Stryker Modification efforts. The Stryker Vehicle program line remains for vehicle purchases. A portion of the FY11 funding previously in the Stryker Vehicle program line was moved to the Modification line along with all future funding from FY12 on out. This report includes funding for the Stryker Vehicle program only.

Cost Quantity Information 2033 | Procurement | Procurement of Weapons and Tracked Combat Vehicles, Army		
Fiscal Year	**Quantity**	**End Item Recurring Flyaway (Aligned With Quantity) BY 2004 $M**
2000	7	18.5
2001	447	742.2
2002	300	462.3
2003	279	477.2
2004	413	746.1
2005	596	1050.2
2006	494	834.2
2007	220	837.7
2008	704	1803.0
2009	352	798.7
2010	93	163.1
2011	83	139.2
Subtotal	3988	8072.4

Annual Funding 2050 | MILCON | Military Construction, Army	
Fiscal Year	**TY $M** **Total Program**
2002	56.2
2003	219.9
2004	346.7
2005	234.0
2006	268.6
2007	323.7
2008	235.7
2009	105.0
2010	102.0
2011	--
2012	11.0
Subtotal	1902.8

Annual Funding 2050 | MILCON | Military Construction, Army	
Fiscal Year	**BY 2004 $M**
	Total Program
2002	56.0
2003	214.0
2004	328.4
2005	215.2
2006	241.8
2007	287.3
2008	206.6
2009	90.6
2010	86.8
2011	--
2012	9.0
Subtotal	1735.7

Low Rate Initial Production

Item	Initial LRIP Decision	Current Total LRIP
Approval Date	11/15/2000	8/5/2008
Approved Quantity	968	1269
Reference	ADM	ADM
Start Year	2000	2000
End Year	2003	2008

The program's LRIP quantity for seven of the ten variants is 968, which was approved by the Defense Acquisition Executive (DAE) in November 2000. Subsequently, the Fire Support Vehicle's (FSV) IPR approved 55 FSVs for LRIP. In October 2004, LRIP was approved for 17 Nuclear, Biological, Chemical Reconnaissance Vehicles (NBCRV) and 14 Mobile Gun Systems (MGS). In Oct 2005, authorization of production of 58 MGS vehicles was granted. In November 2007, the DAE approved extended LRIP for NBCRV of 95 vehicles. In August 2008, the DAE approved extended LRIP for MGS of 62 vehicles.

Foreign Military Sales

Country	Date of Sale	Quantity	Total Cost $M	Description
Israel	8/9/2004	3	3.7	3 Infantry Carrier Vehicles less the Remote Weapon Station, Contract DAAE07-00-D-M051, Delivery Order 0023, Mod 01.

Notes

Nuclear Costs

None

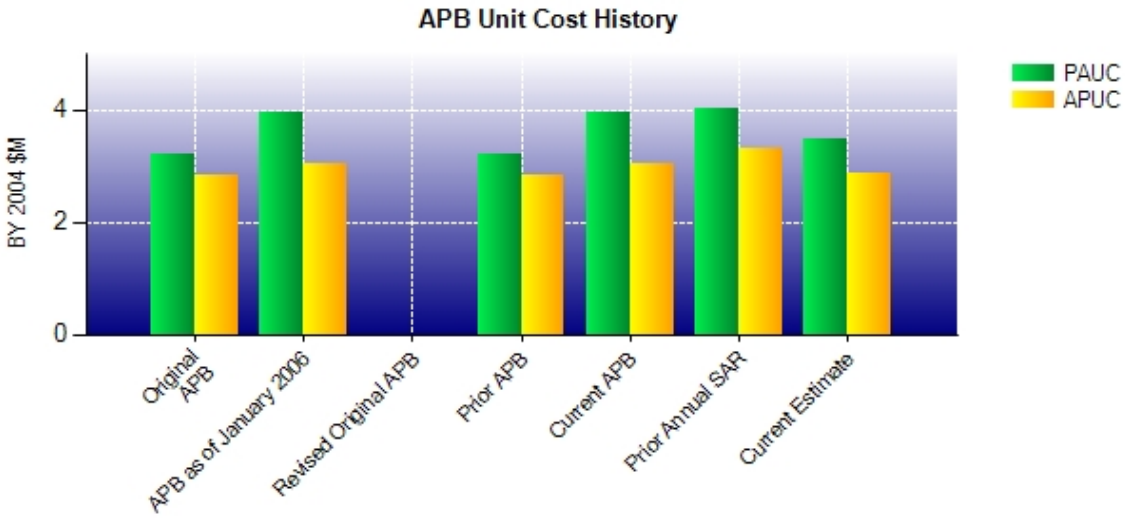
Unit Cost

Unit Cost Report

Item	BY 2004 $M Current UCR Baseline (Mar 2004 APB)	BY 2004 $M Current Estimate (Dec 2009 SAR)	% Change
Program Acquisition Unit Cost			
Cost	8276.9	13996.8	
Quantity	2096	3998	
Item	3.949	3.501	-11.34
Average Procurement Unit Cost			
Cost	6327.0	11521.8	
Quantity	2086	3988	
Unit Cost	3.033	2.889	-4.75

Item	BY 2004 $M Original UCR Baseline (Nov 2000 APB)	BY 2004 $M Current Estimate (Dec 2009 SAR)	% Change
Program Acquisition Unit Cost			
Cost	6824.8	13996.8	
Quantity	2131	3998	
Unit Cost	3.203	3.501	+9.30
Average Procurement Unit Cost			
Cost	6037.6	11521.8	
Quantity	2128	3988	
Unit Cost	2.837	2.889	+1.83

Unit Cost History



Item	Date	BY 2004 $M		TY $M	
		PAUC	APUC	PAUC	APUC
Original APB	Nov 2000	3.218	2.838	3.341	2.956
APB as of January 2006	Mar 2004	3.949	3.033	4.072	3.128
Revised Original APB	N/A	N/A	N/A	N/A	N/A
Prior APB	Nov 2000	3.218	2.838	3.341	2.956
Current APB	Mar 2004	3.949	3.033	4.072	3.128
Prior Annual SAR	Dec 2007	4.030	3.315	4.436	3.683
Current Estimate	Dec 2009	3.501	2.889	3.801	3.146

SAR Unit Cost History

Initial SAR Baseline to Current SAR Baseline (TY $M)									
Initial PAUC Development Estimate	Changes								PAUC Production Estimate
	Econ	Qty	Sch	Eng	Est	Oth	Spt	Total	
3.193	-0.077	0.111	0.004	0.006	0.896	0.000	-0.061	0.879	4.072

Current SAR Baseline to Current Estimate (TY $M)									
PAUC Production Estimate	Changes								PAUC Current Estimate
	Econ	Qty	Sch	Eng	Est	Oth	Spt	Total	
4.072	0.032	-0.511	-0.070	0.663	-0.654	0.000	0.269	-0.271	3.801

Initial SAR Baseline to Current SAR Baseline (TY $M)									
Initial APUC Development Estimate	Changes								APUC Production Estimate
	Econ	Qty	Sch	Eng	Est	Oth	Spt	Total	
2.815	-0.069	0.079	0.004	-0.004	0.358	0.000	-0.055	0.313	3.128

Current SAR Baseline to Current Estimate (TY $M)									
APUC Production Estimate	Changes								APUC Current Estimate
	Econ	Qty	Sch	Eng	Est	Oth	Spt	Total	
3.128	0.021	-0.068	-0.070	0.600	-0.734	0.000	0.269	0.018	3.146

SAR Baseline History				
Item	SAR Planning Estimate	SAR Development Estimate	SAR Production Estimate	Current Estimate
Milestone I	N/A	N/A	N/A	N/A
Milestone II	Aug 2000	Aug 2000	Nov 2000	Nov 2000
Milestone III	N/A	Sep 2003	Mar 2004	Mar 2004
IOC	TBD	May 2003	Nov 2003	Nov 2003
Total Cost (TY $M)	352.5	8534.7	8534.7	15196.0
Total Quantity	N/A	2096	2096	3998
PAUC	N/A	4.072	4.072	3.801

Cost Variance

Summary TY $M				
Item	**RDT&E**	**Procurement**	**MILCON**	**Total**
SAR Baseline (Production Estimate)	675.6	6525.8	1333.3	8534.7
Previous Changes				
Economic	+1.7	+171.7	-1.8	+171.6
Quantity	+30.1	+4351.6	--	+4381.7
Schedule	+0.1	-176.5	--	-176.4
Engineering	+229.5	+1633.1	--	+1862.6
Estimating	-133.4	-687.0	+567.3	-253.1
Other	--	--	--	--
Support	--	+1170.0	--	+1170.0
Subtotal	+128.0	+6462.9	+565.5	+7156.4
Current Changes				
Economic	-0.2	-89.5	+45.1	-44.6
Quantity	--	+1324.4	--	+1324.4
Schedule	--	-103.2	--	-103.2
Engineering	+22.5	+760.7	+3.0	+786.2
Estimating	-78.4	-2239.3	-44.1	-2361.8
Other	--	--	--	--
Support	--	-96.1	--	-96.1
Subtotal	-56.1	-443.0	+4.0	-495.1
Adjustments	--	--	--	--
Total Changes	+71.9	+6019.9	+569.5	+6661.3
Current Estimate	747.5	12545.7	1902.8	15196.0

Summary BY 2004 $M				
Item	**RDT&E**	**Procurement**	**MILCON**	**Total**
SAR Baseline (Production Estimate)	678.6	6327.0	1271.3	8276.9
Previous Changes				
Economic	--	--	--	--
Quantity	+26.9	+3726.5	--	+3753.4
Schedule	--	-50.2	--	-50.2
Engineering	+202.4	+1391.7	--	+1594.1
Estimating	-118.8	-856.5	+502.8	-472.5
Other	--	--	--	--
Support	--	+1152.8	--	+1152.8
Subtotal	+110.5	+5364.3	+502.8	+5977.6
Current Changes				
Economic	--	--	--	--
Quantity	--	+1142.1	--	+1142.1
Schedule	--	-15.2	--	-15.2
Engineering	+19.5	+665.1	+2.6	+687.2
Estimating	-69.3	-1920.9	-41.0	-2031.2
Other	--	--	--	--
Support	--	-40.6	--	-40.6
Subtotal	-49.8	-169.5	-38.4	-257.7
Adjustments	--	--	--	--
Total Changes	+60.7	+5194.8	+464.4	+5719.9
Current Estimate	739.3	11521.8	1735.7	13996.8

Previous Estimate: December 2007

RDT&E	$M	
Current Change Explanations	Base Year	Then Year
Revised escalation indices. (Economic)	N/A	-0.2
Adjustment for current and prior escalation. (Estimating)	+0.2	+0.2
Addition of development efforts for Operation Iraqi Freedom (OIF)/Operation Enduring Freedom(OEF)/Fielding modifications (Engineering)	+19.5	+22.5
Decrease of System Engineering (SE)/ Program Management (PM) support requirements (Estimating)	-2.2	-2.4
Increase of Testing Requirements for OIF/OEF/Fielding modifications (Estimating)	+15.7	+18.1
Adjustment to correct prior years actual funding (Estimating)	+8.7	+9.2
Removal of Stryker Modernization (S-MOD) funding (Estimating)	-91.7	-103.5
RDT&E Subtotal	-49.8	-56.1

Procurement	$M	
Current Change Explanations	Base Year	Then Year
Revised escalation indices. (Economic)	N/A	-89.5
Acceleration of procurement buy profile. (Schedule)	0.0	-85.6
Total Quantity variance resulting from an increase of 461 vehicles from 3527 to 3988. (Subtotal)	+1291.5	+1497.7
Quantity variance resulting from an increase of 461 vehicles from 3527 to 3988. (Quantity)	(+1142.1)	(+1324.4)
Allocation to Estimating resulting from Quantity change. (Estimating) (QR)	(-59.4)	(-69.0)
Allocation to Engineering resulting from Quantity change. (Engineering) (QR)	(+224.0)	(+259.9)
Allocation to Schedule resulting from Quantity change. (Schedule) (QR)	(-15.2)	(-17.6)
Correction to align support and flyaway. (Subtotal)	0.0	0.0
(Estimating)	(+19.5)	(+1.7)
(Support)	(-19.5)	(-1.7)
Adjustment for current and prior escalation. (Estimating)	+26.1	+30.0
Model Mix Adjustment (Estimating) (QR)	-1362.8	-1568.1
Reduced Program Management & System Technical Support due to contraction of Procurement Schedule & latest System Engineering requirements (Estimating)	-215.1	-259.5
Increase of Testing requirements to reflect latest program test schedule (Estimating)	+25.4	+28.0
Adjustment to correct prior years actual funding (Estimating)	-0.1	-0.1
New requirements for Survivability Enhancements (Engineering)	+392.6	+443.8
Increase requirements for National Maintenance Work Requirement (NMWR) Development and Core Depot Facilitization (Engineering)	+48.5	+57.0
Updated manufacturing costs to contract values. (Estimating) (QR)	-354.5	-402.3
Adjustment for current and prior escalation. (Support)	+4.7	+5.5
Decrease in Other Support.- due to the removal of funds to new Mod Line -$75.9M and fielding costs adjusted for model mix change -$541.1M off set by increase due to survivability modifications $442.3M (Support)	-93.5	-174.5
Increase in Initial Spares due to increase in quantity of vehicles procured. (Support) (QR)	+67.7	+74.6
Procurement Subtotal	-169.5	-443.0

(QR) Quantity Related

MILCON	$M	
Current Change Explanations	Base Year	Then Year
Revised escalation indices. (Economic)	N/A	+45.1
Adjustment for current and prior escalation. (Estimating)	-41.6	-45.1
Additional (new) requirement to build Multi-purpose Machine Gun Range (Engineering)	+2.6	+3.0
Revised estimate due to push out of project from FY11 to FY12 (Estimating)	+0.6	+1.0
MILCON Subtotal	-38.4	+4.0

Contracts

Contract Identification

Appropriation: RDT&E
Contract Name: Development/Production
Contractor: General Dynamics Land Sys
Contractor Location: Sterling Heights, MI 48310
Contract Number: DAAE07-00-D-M051
Contract Type: Cost Plus Fixed Fee (CPFF)
Award Date: November 16, 2000
Definitization Date: November 16, 2000

Contract Price							
Initial Contract Price ($M)			Current Contract Price ($M)			Estimated Price At Completion ($M)	
Target	Ceiling	Qty	Target	Ceiling	Qty	Contractor	Program Manager
203.1	N/A	0	687.2	N/A	0	721.2	722.2

Contract Variance		
Item	Cost Variance	Schedule Variance
Cumulative Variances To Date (12/31/2009)	+17.1	-3.8
Previous Cumulative Variances	+11.1	-7.4
Net Change	+6.0	+3.6

Cost and Schedule Variance Explanations

General Contract Variance Explanation

The net favorable Cost Variance (CV) is due in part to schedule slip. Even though the Stryker Program has a favorable CV, the budget has increased due to the re-plan out to Milestone III for the Mobile Gun System (MGS) and Nuclear, Biological and Chemical Reconnaissance Vehicle (NBCRV), and the addition of the Stryker Reactive Armor Tile (SRAT) II effort.

The net schedule performance for CY2008/2009 was poor although the trend was slightly favorable. The favorable trend was due to the completion of numerous activities. However, the effort is still behind schedule due to the push out of the MGS and NBCRV Milestone III decisions, higher than planned field/vehicle problem reports, and changes in scope/direction for the SRAT II effort. The Schedule Variance Percentage was -1.25% (-$7.3M) in January 2008, and -0.56% (-$3.8M) in December 2009.

Notes

The $484M increase in the contract target price since the beginning of this effort is due to multiple reasons. The Mobile Gun System (MGS) and Nuclear, Biological, Chemical Reconnaissance Vehicle (NBCRV) went through a Mission Equipment Package (MEP) redesign, a design for reliability process, and a push out of the Milestone III (MS III)/Full Rate Production (FRP) decisions from March 2007 to April 2011. Also, the Mortar Carrier Vehicle was redesigned to accept a Mounted Mortar. Finally, there has been two design interations of Stryker Reactive Armor Tile.

This contract is over 90% complete and will no longer be reported.

Contract Identification

Appropriation: Procurement
Contract Name: Procurement
Contractor: General Dynamics Land Sys
Contractor Location: Sterling Heights, MI 48310
Contract Number: DAAE07-00-D-M051/1
Contract Type: Firm Fixed Price (FFP)
Award Date: November 16, 2000
Definitization Date: November 16, 2000

Contract Price							
Initial Contract Price ($M)			Current Contract Price ($M)			Estimated Price At Completion ($M)	
Target	Ceiling	Qty	Target	Ceiling	Qty	Contractor	Program Manager
578.5	N/A	366	5460.6	N/A	2932	5460.6	5460.6

Cost and Schedule Variance Explanations

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

Notes

The increase in target price from the initial contract price ($578.5M) to the current contract price (($5460.6M) is$4882.1M. Thisis due to the addition of the annual production buys and all fielding related activities that are performed by the contractor. This covers addition of FY03, FY04, FY05, FY06, FY07, and FY08 production buys. These efforts are now being awarded on the Stryker Follow-on Requirements contract (W56HZV-07-D-M112) which began on December 20, 2006.

This contract is over 90% complete and will no longer be reported.

Contract Identification

Appropriation: Procurement
Contract Name: ICLS
Contractor: General Dynamics Land Sys
Contractor Location: Sterling Heights, MI 48310
Contract Number: DAAE07-02-C-B001
Contract Type: Cost Plus Fixed Fee (CPFF)
Award Date: May 18, 2002
Definitization Date: May 18, 2002

Contract Price							
Initial Contract Price ($M)			Current Contract Price ($M)			Estimated Price At Completion ($M)	
Target	Ceiling	Qty	Target	Ceiling	Qty	Contractor	Program Manager
170.0	N/A	N/A	259.9	N/A	N/A	259.9	259.9

Cost and Schedule Variance Explanations

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

Notes

The increase in target price from initial contract price to current contract price, $89.9M, is for the additional Authorized Stockage List (ASL) and wholesale pipeline spares to support vehicles on procured contract. The Contractor Logistic Support efforts are now being awarded on the Stryker Follow-on Requirements contract (W56HZV-07-D-M112) which began on December 20, 2006.

This contract is over 90% complete and will no longer be reported.

Contract Identification

Appropriation: Procurement
Contract Name: Stryker Follow-on Requirements Contract
Contractor: General Dynamics
Contractor Location: Sterling Heights, MI 48315
Contract Number: W56HZV-07-D-M112
Contract Type: Cost Plus Fixed Fee (CPFF), Firm Fixed Price (FFP)
Award Date: December 20, 2006
Definitization Date: December 20, 2006

Contract Price							
Initial Contract Price ($M)			Current Contract Price ($M)			Estimated Price At Completion ($M)	
Target	Ceiling	Qty	Target	Ceiling	Qty	Contractor	Program Manager
82.3	N/A	0	3307.8	N/A	1056	3307.8	3307.8

Cost and Schedule Variance Explanations

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

Notes

The increase in target price from the initial contract price ($82.3M) to the current contract price ($3,307.8M) is $3,225.5M. This is due to the ordering and support of the FY08 and FY09 vehicles, the ordering of the SRAT II hardware, and the ordering of Operation Iraqi Freedom (OIF) and Operation Enduring Freedom (OEF) survivability and modification kits.

The Stryker Follow-on Requirements Contract is an overarching follow-on requirements contract covering FY08 - FY12. It is executed through delivery orders (DOs). The activities being performed under the DOs are vehicle buys, SRAT II hardware, Contract Logisitics Support (CLS), Logistic Engineering Support (LES), Systems Engineering Support (SES), deprocessing and New Equipment Training (NET), Contractor Program Management, retrofit, and OIF/OEF survivability and modification kits. The DOs are primarily executed on a yearly basis and therefore the contract price will continue to increase every year.

Deliveries and Expenditures

Deliveries				
Delivered to Date	Planned to Date	Actual to Date	Total Quantity	Percent Delivered
Development	10	10	10	100.00%
Production	3785	3107	3988	77.91%
Total Program Quantity Delivered	3795	3117	3998	77.96%

Expended and Appropriated (TY $M)			
Total Acquisition Cost	15196.0	Years Appropriated	11
Expended to Date	8460.5	Percent Years Appropriated	84.62%
Percent Expended	55.68%	Appropriated to Date	14880.4
Total Funding Years	13	Percent Appropriated	97.92%

Expenditures to Date reflect all Stryker Research, Development, Test, and Evaluation (RDT&E) and Weapon and Tracked Combat Vehicle (WTCV) Appropriation obligations on the vehicle requirements contracts (the initial contract, and the new follow-on vehicle contract), and Contractor Logistic Support (CLS) requirements modified to exclude costs associated with the Stryker Modernization Program(S-MOD) . These contracts include requirements for non-recurring Engineering Manufacturing Development (EMD) engineering efforts for 10 Stryker vehicle variants; Stryker vehicles to support 8 Stryker brigades, Ready to Fight vehicle requirements, Operational Readiness Float vehicles, vehicles to replace those lost in battle/combat, additional requirement Stryker vehicles, and Table of Distribution Allowance (TDA) requirements. These obligations/contracts also include support to the procured vehicles such as Engineering Change Orders, Basic Issue Items (BII), Total Package Fielding (TPF) / Special Tools and Test Equipment (STTE), initial spares; System Engineering Support, Logistics Engineering Support, Command, Control, Communication, Computers, Intelligence, Surveillance, and Reconnaissance (C4ISR) Support, Program Management Support, Contractor Support to Test; New Equipment Fielding/Material Fielding/Deprocessing; vehicle retrofit efforts; Survivability and OIF requirements (Stryker Reactive Armor Tiles (SRAT & SRAT II), Slat, Driver's Enhancement Kits, Hull Protection Kits, Mine Protection Kits, etc).

As of January 11, 2010

Operating and Support Cost

Assumptions and Ground Rules

The O&S costs assume an average annual operating mileage of 1,968 miles, an operating life of 20 years, and reflect an average of the 10 Stryker variants. Mission Pay and Allowance, Unit Level Consumption, Contractor Support, and Sustaining Support estimates assume a quantity of 3,136 vehicles (SBCT, TRADOC, HBCT, Chemical Company and Other Customer assets). The Depot Maintenance estimates assumes a quantity of 3,988 vehicles. Reported costs are in accordance with the OSD CAIG O&S Cost-Estimating Guide (Mar 2005).

Cost Estimate Reference:
None

Sustainment Strategy:
None

Antecedent Information:
None

Unitized O&S Costs BY2004 $K		
Cost Element	**Stryker Average Annual Cost Per Vehicle**	**N/A (Antecedent)**
Mission Pay & Allowance	476.900	--
Unit Level Consumption	52.300	--
Intermediate Maintenance	--	--
Depot Maintenance	18.400	--
Contractor Support	0.700	--
Sustaining Support	8.700	--
Indirect	--	--
Other	--	--
Total	557.000	--

Unitized Cost Comments:
None

Item	Total O&S Cost $M			
	Stryker			N/A (Antecedent)
	Current Production APB Objective/Threshold		Current Estimate	
Base Year	24836.2	27319.8	**35243.1**[1]	N/A
Then Year	33927.5	N/A	54507.7	N/A

[1] *APB O&S Cost Breach*

Total O&S Cost Comment
None

Disposal Estimate Details

Date of Estimate:

Source of Estimate:

Disposal/Demilitarization Total Cost (BY 2004 $M):