

SELECTED ACQUISITION REPORT (SAR) SUMMARY TABLES

As of December 31, 2009

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**Department of Defense
OUSD (AT&L) ARA/AM
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SELECTED ACQUISITION REPORTS - HIGHLIGHTS

(As of December 31, 2009)

The Department of Defense (DoD) has released details on major defense acquisition program cost, schedule, and performance changes since the September 2008 reporting period. This information is based on the Selected Acquisition Reports (SARs) submitted to the Congress for the December 2009 reporting period. [Note: DoD did not submit a full complement of SARs for Fiscal Year (FY) 2009 because the FY 2010 President's Budget did not include updated outyear funding information.]

SARs summarize the latest estimates of cost, schedule, and performance status. These reports are prepared annually in conjunction with submission of the President's Budget. Subsequent quarterly exception reports are required only for those programs experiencing unit cost increases of at least 15 percent or schedule delays of at least six months. Quarterly SARs are also submitted for initial reports, final reports, and for programs that are rebaselined at major milestone decisions.

The total program cost estimates provided in the SARs include research and development, procurement, military construction, and acquisition-related operation and maintenance (except for pre-Milestone B programs, which are limited to development costs pursuant to 10 USC §2432). Total program costs reflect actual costs to date as well as future anticipated costs. All estimates include anticipated inflation allowances.

The current estimate of program acquisition costs for programs covered by SARs for the prior reporting period (September 2008) was \$1,648,292.3 million. After adding the cost changes for H-1 Upgrades in December 2008 and E-2D in June 2009 and subtracting the costs for four final reports for Armed Reconnaissance Helicopter (ARH), Future Combat Systems (FCS), Small Diameter Bomb I (SDB I), and Presidential Helicopter (VH-71) during FY 2009, the June 2009 adjusted current estimate of program acquisition costs is \$1,485,068.0 million.

	Current Estimate (\$ in Millions)
September 2008 (91 programs)	\$1,648,292.3
Plus cost changes for December 2008 H-1 Upgrades SAR (submitted to Congress but not previously reported)	+3,259.4
December 2008 (91 programs)	\$ 1,651,551.7
Plus cost changes for June 2009 E-2D SAR (submitted to Congress but not previously reported)	+1,600.3
June 2009 (91 programs)	\$ 1,653,152.0
Less final reports on four programs (ARH, FCS, SDB I, and VH-71)	-168,084.0
June 2009 Adjusted (87 programs)	\$ 1,485,068.0

Changes Since Last Report:

Economic	\$ -23,980.3
Quantity	+44,851.5
Schedule	+8,973.4
Engineering	+43.0
Estimating	+51,338.8
Other	+579.9
Support	<u>+25,434.6</u>
Net Cost Change	\$ +107,240.9

Plus initial procurement cost estimates for BMDS (Ballistic Missile Defense System); previous reports were limited to development costs pursuant to section 2432 of title 10, United States Code + 9,520.3

Plus BMDS Research, Development, Test, and Evaluation (RDT&E) and Military Construction (MILCON) cost estimates for FY 2014-2015; previous reports limited development and construction costs to FY 2013 +14,340.1

December 2009 (87 programs) \$1,616,169.3

For the December 2009 reporting period, there is a net cost increase of \$107,240.9 million or +7.2 percent for the programs that have reported previously. The cost increase is due primarily to a net increase in planned quantities (+\$44,851.5 million), higher program cost estimates (+\$51,338.8 million), an increase in support requirements (+\$25,434.6 million), and a net stretchout of development and procurement schedules (+\$8,973.4 million). These increases are partially offset by the application of lower escalation rates (-\$23,980.3 million). Further details of the most significant changes are summarized below by program.

New SARs

The DoD has submitted initial SARs for the following programs for the December 2009 reporting period. These reports do not represent cost growth. Baselines established on these programs will be the point from which future changes will be measured.

<u>Program</u>	<u>Current Estimate (\$ in Millions)</u>
AMF JTRS (Airborne and Maritime Fixed Joint Tactical Radio System)	\$ 9,067.1
ASIP (Airborne Signals Intelligence Payload)	508.0
BAMS (Broad Area Maritime Surveillance)	15,021.5
ER/MP UAS (Extended Range/Multi-Purpose Unmanned Aircraft System)	5,220.8
IAMD (Integrated Air and Missile Defense)	5,791.6
INC 1 E-IBCT (Increment 1 Early-Infantry Brigade Combat Team)	3,166.7
JHSV (Joint High Speed Vessel)	3,935.5
JPALS (Joint Precision Approach and Landing System)	987.0
PREDATOR (Unmanned Aircraft System)	3,321.3
REAPER (Unmanned Aircraft System)	11,834.8
WIN-T INC 3 (Warfighter Information Network-Tactical Increment 3)	<u>15,963.7</u>
Total	\$74,818.0

Summary Explanations of Significant SAR Cost Changes (As of December 31, 2009)

Nunn-McCurdy Breaches

For the December 2009 reporting period, there are seven programs with critical or significant Nunn-McCurdy unit cost breaches to their current or original Acquisition Program Baseline (APB). Pursuant to section 2433 of title 10, United States Code, for those programs with significant breaches, Congressional notifications are required, as well as detailed unit cost breach information in the SAR. For those programs with critical breaches, notifications and unit cost breach information are also required. In addition a certification determination by the Under Secretary of Defense for Acquisition, Technology & Logistics must be made no later than June 1, 2010.

Critical Breaches: *(Unit cost increases of 25 percent or more to the current APB or of 50 percent or more to the original APB)*

AB3 (Apache Block III) – The Program Acquisition Unit Cost (PAUC) increased by 25.5% and the Average Procurement Unit Cost (APUC) increased by 31.2% to the current APB due to a procurement quantity increase of 56 aircraft (from 634 to 690) in the FY 2011 President's Budget. The 634 aircraft will be remanufactured, while the additional 56 will be new build aircraft at a cost much greater than the remanufactured aircraft production program. The 56 aircraft are being added to stand up a new Combat Aviation Brigade, as called for in the Quadrennial Defense Review (QDR), to help meet global demand for these types of assets that are consistently in high demand and have proven to be key enablers of tactical and operational success.

ATIRCM/CMWS (Advanced Threat Infrared Countermeasure/Common Missile Warning System) – The ATIRCM/CMWS, a subsystem to a host aircraft, consists of three subprograms: CMWS, ATIRCM Quick Reaction Capability (QRC), and the next generation ATIRCM, which is called Common Infrared Countermeasure (CIRCM). The program was recently split into sub-programs to permit more visibility into the costs, schedule and performance of each element of the larger program. An OSD-lead assessment of Airborne Self Protection capabilities showed that the reliability of the ATIRCM units fielded to date was poor and hence the quantity was reduced from 2,618 to 208 units, leaving only those needed for the immediate QRC. Accordingly, the PAUC for the ATIRCM QRC subprogram increased 290.6% and the APUC increased 281.5% for the ATIRCM QRC subprogram to the original APB.

DDG 1000 – The PAUC increased 86.5% and the APUC increased 24.9% to the current and original APBs due to the truncation of the number of ships in the program. The original program baseline was for a ten-ship program. That quantity was reduced to seven ships in the FY 2009 President's Budget. However, it did not impact unit costs enough to trigger a Nunn-McCurdy breach. The quantities were further reduced in the FY 2011 President's Budget to the program's current profile of three ships. Neither reduction was a result of poor program performance. However, the total quantity reduction from ten to three ships resulted in a Nunn-McCurdy breach.

F-35 (Joint Strike Fighter) – The PAUC increased 57.2% and the APUC increased 57.2% to the original APB to reflect the average unit price for the restructured JSF program, as estimated by

the OSD Cost Assessment and Program Evaluation (CAPE)-led independent Joint Estimate Team (JET). Specifically, in 2001, the average procurement unit cost for the JSF was estimated at \$50 million base year 2002 dollars or \$59 million in base year 2010 dollars. This is now estimated to fall within a range of \$79 million to \$95 million in base year 2002 dollars or \$93 million to \$112 million in base year 2010 dollars. This is a 57% to 89% increase from the original baseline. The reasons for the Unit Cost Growth included larger-than-planned development costs driven by Short Take-Off and Vertical Landing (STOVL) variant weight growth and a longer forecasted development schedule; increase in labor and overhead rates; degradation of airframe commonality; lower production quantities; increases in commodity prices (particularly titanium); major subcontractor cost growth; and the impact of revised inflation indices. In addition, factors that were driven by substantially higher contractor change traffic (i.e., changes in design not resulting from changes in requirements or capability), which led to increased engineering and software staffing; extended manufacturing span times; and delayed delivery of aircraft to flight test, led to a further slip of the development and flight test program. The Independent Manufacturing Review Team (IMRT) recommended that the program adopt a somewhat flatter and smoother ramp. The JET II accepted this revised ramp and then moved it later in time in accordance with the delayed progress of the development program to balance manufacturing, schedule, and cost risk. Overall, no JSF reviews to-date (JET I from 2008, JET II, or the IMRT) have discovered any fundamental technological or manufacturing problems with the JSF program, or any change in the aircraft's projected military capabilities.

RMS (Remote Minehunting System) – The PAUC increased 79.5% and the APUC increased 54.6% to the current and original APBs as a result of a reduction in production quantities, the use of an incorrect average unit cost as a basis of estimate in the 2006 program baseline calculation, and an increase in development costs needed to address reliability issues. The Navy re-evaluated the capabilities of the Anti-Submarine Warfare (ASW) Mission Package for the Littoral Combat Ship (LCS) and decided to eliminate the Remote Multi-Mission Vehicle (RMMV) from the ASW Mission Package. This decision reduced the total number of RMMV production units from the program baseline quantity of 108 to the current quantity of 54. The increase in development costs was needed to address reliability problems, which arose during an operational assessment in 2008.

WGS (Wideband Global Satellite Communications) – The APUC increased 27.2% to the current APB and 39.5% to the original APB. The original WGS acquisition strategy, approved in June 2000, called for a commercial-like Firm Fixed Price (FFP) competitively awarded contract with options for six satellites. The original program was baselined for 3 satellites assuming commercial pricing. At the time of the original WGS 1-6 contract award, a strong commercial market for wideband communication satellites was expected. Production options for WGS 1-3 were exercised, and the first satellite launched on October 10, 2007. Due to limited resources and other priorities, the contract options for satellites 4-6 were not exercised before they expired. Subsequent decisions resulted in the Department deciding to award another contract for WGS 4-6 Advanced Procurement and Production. A production break of approximately three years was introduced between WGS 3 and WGS 4. Further, following the acquisition of WGS 1-3, the commercial communication satellite market took a significant downturn, and the WGS X-band phased array transmit and receive system and digital channelizer capability were no longer available commercially. More recently, the Department directed the procurement of additional satellite vehicles to support and maintain an eight satellite constellation. These satellites will

follow a second break in production estimated at two years which will require re-establishing the supplier and contractor base and addressing issues with parts obsolescence.

Significant Breaches: *(Unit cost increases of 15 percent, but less than 25 percent, to the current APB or of 30 percent, but less than 50 percent, to the original APB)*

C-130 AMP (Avionics Modernization Program) – The PAUC increased 7.3% and the APUC increased 17.9% to the current APB because the program amended its strategy to provide for depot installs during the Future Years Defense Program (FYDP) and amended its estimate for the level of spares. It also added costs for training systems not previously included, adjusted for current inflation indices, and incurred a one-year gap in production.

Other Program Cost Changes

Army:

Longbow Apache – Program costs increased \$1,921.5 million (+17.2%) from \$11,183.0 million to \$13,104.5 million, due primarily to a quantity increase of 85 aircraft from 671 to 756 aircraft (+\$542.7 million) and associated schedule, engineering, and estimating allocations* (+\$1,135.7 million). There was also an increase in engineering costs for six battalions of Apache Video from Unmanned Aviation Systems for Interoperability Teaming Level II (VUIT-2) (+\$262.5 million).

WIN-T (Warfighter Information Network-Tactical) Increment 2 – Program costs increased \$1,126.9 million (+29.1%) from \$3,870.8 million to \$4,997.7 million, due primarily to a quantity increase of 323 communications nodes from 1,893 to 2,216 nodes (+\$527.4 million) and higher unit costs for installation kit (A-Kit) purchases for the Stryker Brigade Combat Teams and armored vehicles (+\$245.7 million). There were additional increases in systems engineering, program management, and testing estimates, as well as additional contractor testing requirements for the JC4ISR radio (+\$250.7 million), and an increase in initial spares based on updated mean time between failure data for system components (+\$118.0 million).

Navy:

CH-53K – Program costs increased \$6,817.8 million (+36.4%) from \$18,708.3 million to \$25,526.1 million, due primarily to a quantity increase of 44 aircraft from 156 to 200 aircraft (+\$3,108.9 million), and increases in other support costs (+\$749.7 million) and initial spares (+\$456.2 million) associated with the quantity increase. Costs also increased due to a three-year delay in the procurement profile shifting initial purchases from FY 2013 to FY 2016 (+\$1,148.4 million), schedule growth attributable to funding constraints (+\$669.6 million), and an increase in the cost estimate for the development contract (+\$611.2 million).

CVN 78 – Program costs increased \$5,426.4 million (+15.5%) from \$35,119.1 million to \$40,545.5 million, due primarily to the shift from a four-year to five-year build cycle (+\$4,131.2 million), which placed the program on a more fiscally sustainable path while continuing to support a minimum of 11 aircraft carriers through FY 2040. Additional increases resulted from revised cost estimates for the Electromagnetic Aircraft Launch System (EMALS) (+\$1,292.6 million), platform non-recurring engineering (+\$350.0 million), and labor and material projections (+\$311.7 million), a stretch-out of the procurement buy profile (+\$520.6 million),

and the application of revised escalation indices (+\$301.8 million). These increases were partially offset by decreases resulting from inflation and other miscellaneous adjustments (-\$933.1 million) and a shipbuilding reduction across the program (-\$627.0 million).

DDG 51 – Program costs increased \$17,651.4 million (+28.1%) from \$62,756.3 million to \$80,407.7 million, due primarily to a quantity increase of nine ships from 62 to 71 ships (+\$9,209.6 million) and associated schedule, engineering, and estimating allocations* (+\$3,177.0 million), and outfitting and post delivery costs associated with the quantity increase (+\$5,129.4 million).

EA-18G – Program costs increased \$2,901.0 million (+33.5%) from \$8,649.1 million to \$11,550.1 million, due primarily to a quantity increase of 29 aircraft from 85 to 114 aircraft (+\$2,342.5 million) and associated schedule and estimating allocations* (+\$7.8 million), and an increase in support costs for 26 expeditionary aircraft associated with the quantity increase (+\$547.6 million).

F/A-18 E/F – Program costs increased \$1,746.6 million (+3.8%) from \$46,344.8 million to \$48,091.4 million, due primarily to a quantity increase of 22 aircraft from 493 to 515 aircraft (+\$1,872.9 million), and increases in other support costs and initial spares associated with the quantity increase (+\$427.9 million). These increases were partially offset by a reduction in the estimate for foreign military sales (-\$198.3 million) and the estimate for actual contract costs and efficiencies (-\$208.6 million), and the application of revised escalation indices (-\$131.9 million).

Joint MRAP (Joint Mine Resistant Ambush Protected) – Program costs increased \$13,876.6 million (+61.9%) from \$22,415.0 million to \$36,291.6 million, due primarily to a quantity increase of 7,508 vehicles from 15,374 to 22,882 vehicles (+\$7,415.1 million), and increases in other support costs (+\$5,821.0 million) and initial spares (+\$1,346.6 million) associated with the quantity increase. In addition, costs increased due to a revised estimate for developmental and operational testing through FY 2016 (+\$230.5 million). These increases were partially offset by the deletion of previously reported acquisition-related Operations and Maintenance costs that are no longer considered part of the acquisition program (-\$964.0 million).

JSOW (Joint Stand-Off Weapon) Unitary – Program costs increased \$488.9 million (+17.9%) from \$2,725.1 million to \$3,214.0 million, due primarily to the incorporation of the JSOW Unitary missile front-end seeker obsolescence engineering change proposal and the addition of the Strike Common Weapon datalink.

LCS (Littoral Combat Ship) – Program costs increased \$883.9 million (+31.0%) from \$2,848.6 million to \$3,732.5 million, due to additional development and support for the mission package test program, seaframe testing, and crew training (+\$241.5 million). There were also increases for the procurement of additional mission packages (+\$183.6 million), a revised estimate for development, planning, and execution of Flight 0 and Flight 0+ (+\$157.2 million), a revised estimate for seaframe pricing due to cost growth (+\$131.5 million), changes to mission module development and phasing (+\$77.8 million), additional funding for a technical data package (+\$59.8 million), and the re-phasing of work due to a change in the schedule for Flight 0 (+\$44.8 million).

LHA 6 – Program costs increased \$3,458.9 million (+102.7%) from \$3,367.9 million to \$6,826.8 million, due primarily to the addition of one ship from one to two ships.

LPD 17 – Program costs increased \$4,417.5 million (+31.0%) from \$14,241.7 million to \$18,659.2 million, due primarily to a quantity increase of two ships from 9 to 11 ships (+\$2,075.5 million) and associated schedule, estimating, and other allocations* (+\$1,291.7 million), and additional full funding and outfitting and post delivery increases associated with the quantity increase (+\$484.2 million). Costs also increased due to the addition of cost to complete funding for ships 22 through 25 (+\$239.0 million), Hurricane Katrina supplemental funding for ships 20 through 24 (+\$192.7 million), and special transfer authority and outfitting and post delivery requirements for ships 21 through 25 (+\$132.0 million).

MH-60R – Program costs increased \$2,101.6 million (+17.3%) from \$12,139.4 million to \$14,241.0 million, due primarily to a quantity increase of 46 helicopters from 254 to 300 helicopters (+\$1,385.4 million) and associated schedule, engineering, and estimating allocations* (+\$171.6 million), and increases in other support costs and initial spares associated with the quantity increase (+\$257.3 million). There was an additional increase due to a revised cost estimate for 23 additional airborne low frequency sonars (+\$282.8 million).

P-8A – Program costs increased \$1,288.0 million (+3.9%) from \$32,852.9 million to \$34,140.9 million, due primarily to a quantity increase of nine aircraft from 113 to 122 aircraft (+\$1,620.6 million) and associated schedule and estimating allocations* (+\$50.0 million), and an increase in other support costs associated with the quantity increase (+130.5 million). Costs also increased in estimating due to commercial aircraft pricing, avionics maturation, and aircraft design changes (+\$505.2 million); revised assumptions for labor rates, learning curves, new material escalation indices, and other minor estimating changes (+\$70.1 million); additional effort for test and evaluation, resolution of aircraft weight growth, and changes in the electro-optical infrared subsystem (+\$83.7 million); increased scope to correct deficiencies (+\$210.8 million); and costs resulting from the Boeing machinists union strike and rate increases (+\$73.0 million). These increases were partially offset by the application of revised escalation indices (-\$863.3 million), a decrease in initial spares in accordance with the long-term support strategy (-\$278.5 million), acceleration of the procurement buy profile eliminating FY 2018 and FY 2019 (-\$187.8 million), and removal of the Increment 2 development (-\$147.9 million).

SM-6 (Standard Missile-6) – Program costs increased \$645.6 million (+10.8%) from \$5,954.4 million to \$6,600.0 million, due to an increase in known missile component costs and refinement of the production cost estimate (+\$563.8 million), an increase to fully fund initial spares (+\$225.3 million), and a stretch-out of the procurement buy profile from FY 2010 to FY 2019 (+\$30.6 million). These increases were partially offset by the application of revised escalation indices (-\$174.4 million).

T-AKE – Program costs increased \$1,174.0 million (+20.5%) from \$5,715.2 million to \$6,889.2 million, due primarily to a quantity increase of two ships from 12 to 14 ships (+\$930.4 million) and associated schedule and estimating allocations* (+\$275.2 million).

Tactical Tomahawk – Program costs increased \$2,510.1 million (+57.4%) from \$4,375.3 million to \$6,885.4 million, due primarily to a quantity increase of 1,448 missiles from 3,292 to 4,740 missiles (+\$1,373.2 million) and associated schedule, engineering, and estimating allocations*

(+\$381.0 million), and hardware costs for capsules and canisters for missiles procured in FY 2014 through FY 2020 associated with the quantity increase (+\$433.2 million). There were also increases for additional production and systems engineering support in FY 2014 through FY 2020 (+\$243.0 million) and for changes in estimating assumptions for efficiencies in production line costs (+\$94.3 million).

V-22 – Program costs decreased \$1,327.9 million (-2.5%) from \$54,226.9 million to \$52,899.0 million, due primarily to duplication of obsolescence costs erroneously included in both procurement and operations and support (-\$1,281.6 million), associated erroneous inclusion of modifications under procurement (-\$367.3 million), the application of revised escalation indices (-\$758.6 million), and realignment of Integrated Defensive Electronic Counter Measures funding from Special Operations Command to the Air Force (-\$96.2 million). These decreases were partially offset by increases from updated learning curves and material cost adjustments (+\$608.4 million), a revised estimate for completion of the development program (+\$182.3 million), an updated support equipment estimate (+\$380.8 million), the addition of obsolescence ancillary equipment and cost reduction initiative investments (+\$218.8 million), and an increase in initial spares (+\$193.1 million).

VTUAV (Vertical Takeoff and Land Tactical Unmanned Air Vehicle) – Program costs increased \$466.5 million (+21.6%) from \$2,158.3 million to \$2,624.8 million, due primarily to an increase in air vehicle unit cost resulting from extending procurement at the minimum sustaining rate (+\$279.6 million) and the stretch-out of the ground control station and air vehicle procurement profiles from FY 2010 to beyond FY 2015 (+\$164.9 million). There were also increases for initial spares due to component cost increases (+\$54.4 million), for integration costs to support an additional ship class (+\$35.9 million), and for overseas contingency operations funds to purchase equipment for land-based operations (+\$13.4 million). These increases were partially offset by a decrease in other support costs (-\$29.3 million) and the application of revised escalation indices (-\$49.9 million).

Air Force:

AEHF (Advanced Extremely High Frequency) – Program costs increased \$2,510.3 million (+25.3%) from \$9,938.6 million to \$12,448.9 million, due primarily to a quantity increase of two satellites from four to six satellites (+\$2,623.7 million). This increase was partially offset by decreases due to an adjustment to the cost estimate (-\$20.0 million), Congressional general reductions (-\$19.2 million), a contractor to civilian personnel conversion (-\$11.8 million), and the application of revised escalation indices (-\$53.9 million).

AMRAAM (Advanced Medium Range Air-to-Air Missile) – Program costs increased \$6,402.7 million (+43.0%) from \$14,880.6 million to \$21,283.3 million, due primarily to a quantity increase of 3,887 missiles from 13,953 to 17,840 missiles (+\$3,775.7 million) and associated schedule, engineering, and estimating allocations* (+\$457.7 million). Costs also increased due to software integration efforts (+504.4 million), the realignment of Navy and Air Force missile procurement during FY 2008 through FY 2024 (+\$918.6 million), an increase in telemetry equipment to support training (+\$422.9 million), and increases in tooling and test equipment, diminishing manufacturing sources requirements, and production/test support resulting from the extension of the production program from FY 2013 to FY 2024 (+\$280.4 million).

C-17A – Program costs increased \$7,264.1 million (+11.7%) from \$62,306.7 million to \$69,570.8 million, due primarily to a quantity increase of 33 aircraft from 190 to 223 aircraft (+\$4,314.0 million) and associated schedule, engineering, estimating, and other allocations* (+\$2,844.6 million).

C-130J – Program costs increased \$3,148.8 million (+26.2%) from \$12,029.3 million to \$15,178.1 million, due primarily to a quantity increase of 34 aircraft from 134 to 168 aircraft (+\$2,749.3 million), and increases in other support costs (+\$972.8 million) and initial spares (+\$394.7 million) associated with the quantity increase. These increases were partially offset by decreases for actual contract values for aircraft costs (-\$541.5 million), to properly account for advanced procurement that was erroneously reflected in the previous report (-\$246.0 million), and for funding reductions in FY 2010 through FY 2015 (-\$140.9 million).

C-5 AMP (Avionics Modernization Program) – Program costs decreased \$200.2 million (-14.3%) from \$1,405.3 million to \$1,205.1 million, due primarily to a quantity decrease of 20 aircraft from 112 to 92 aircraft (-\$112.9 million), and decreases in other support costs and initial spares associated with the quantity decrease (-\$73.3 million). There was also a decrease for prior year actuals for kit buys and installations (-\$12.6 million).

F-22 – Program costs increased \$2,174.2 million (+3.4%) from \$64,539.9 million to \$66,714.1 million, due primarily to an increase in the modernization program estimate (+\$1,449.7 million), and a quantity increase of four aircraft from 184 to 188 aircraft (+\$486.3 million) and associated schedule and estimating allocations* (+\$1.9 million). There was also an increase in other support costs associated with the quantity increase and F-22 line shutdown planning and implementation (+\$423.6 million). These increases were partially offset by Congressional reductions and withholds (-\$161.0 million).

GBS (Global Broadcast Service) – Program costs increased \$211.4 million (+26.2%) from \$805.5 million to \$1,016.9 million, due primarily to a quantity increase of 1,105 Army, Navy, and Air Force receive suites from 1,121 to 2,226 receive suites (+\$150.1 million) and associated schedule, engineering, and estimating allocations* (+\$44.0 million).

Global Hawk (RQ-4A/B) – Program costs increased \$3,967.6 million (+40.7%) from \$9,740.7 million to \$13,708.3 million, due primarily to a quantity increase of 23 aircraft from 54 to 77 aircraft (+\$1,522.8 million) and associated schedule, engineering, and estimating allocations* (+\$856.0 million). Other increases resulted from refinement of program estimates for ground station re-architecture and Multi-Platform Radar Technology Insertion Program (MP-RTIP) sensor integration (+\$170.3 million); refinement of estimates for MP-RTIP and Airborne Signals Intelligence Payload (ASIP) sensor procurement (+\$582.7 million); an increase in initial spares to support an increase in planned Combat Air Patrols (+\$517.2 million); and engineering increases associated with revised technical definitions (+\$246.2 million).

JASSM (Joint Air-to-Surface Standoff Missile) – Program costs increased \$1,645.5 million (+27.1%) from \$6,065.8 million to \$7,711.3 million, due primarily to an estimating cost increase for missile hardware resulting from reduced annual quantity buys and a break in the production line (+\$992.4 million). Additionally, cost increases occurred due to an engineering increase for test requirements and reliability programs (+\$448.6 million), and a decrease in procurement buys

in FY 2006 through FY 2020 and extension of the production program from FY 2020 to FY 2025 (+\$256.0 million).

NPOESS (National Polar-Orbiting Operational Environmental Satellite System) – Program costs decreased \$5,330.6 million (-47.9%) from \$11,140.2 million to \$5,809.6 million, due primarily to a quantity decrease of four satellites (from four to zero satellites) (-\$5,737.6 million) resulting from a program restructure in which the Department of Defense, the Department of Commerce, and the National Aeronautics and Space Administration will no longer jointly acquire NPOESS. There was also a decrease due to the application of revised escalation indices (-\$181.9 million). These decreases were partially offset by an updated estimate of the cost of the restructured program (+\$582.1 million).

SBIRS (Space-Based Infrared System) High – Program costs increased \$3,561.1 million (+30.8%) from \$11,554.5 million to \$15,115.6 million, due primarily to a quantity increase of two Geosynchronous Earth Orbit (GEO) satellites from four to six satellites (+\$2,164.1 million). There were also increases resulting from the realignment of missile procurement costs to the support category (+\$162.8 million), a delay in the GEO 1 launch from 2009 to 2010 (+\$372.8 million), revised estimates for implementation of a new ground acquisition strategy (+\$393.8 million), and incorporation of the technology maturation and parts obsolescence effort (+\$384.0 million).

DoD:

Ballistic Missile Defense System (BMDS) – Program costs decreased \$10,068.9 million (-9.7%) from \$102,912.4 million to \$92,843.5 million, due primarily to the following: cancellation of the Kinetic Energy Interceptor and Multiple Kill Vehicle Program (-\$5,304.2 million); cancellation of the Airborne Laser Program (-\$2,634.7 million); elimination of the Space Tracking and Surveillance System follow-on constellation (-\$1,972.0 million); transition of the sensor content to procurement (-\$1,223.7 million); general infrastructure reductions (-\$1,216.7 million); revised estimates for special classified programs (-\$1,155.4 million); application of revised escalation indices (-\$1,169.1 million); reduced Ground-Based Interceptor inventory due to the change of European site architecture (-\$88.0 million); and infrastructure reductions (-\$1,216.7 million). These decreases were partially offset by the change in European architecture to Aegis Ashore (+\$2,493.5 million) and the consolidation of targets and revised Integrated Master Test Plan (+\$1,646.4 million). In addition, procurement costs of \$9,520.3 million, which were previously excluded from the SAR due to its pre-Milestone B Research, Development, Test, and Evaluation (RDT&E)-only status pursuant to section 2432 of title 10, United States Code, were added as an adjustment to the program in accordance with Congressional direction. RDT&E and Military Construction (MILCON) costs of \$14,340.1 million were also added as adjustments to reflect the addition of two years to this program, which is considered Future Years Defense Program (FYDP) limited and has been allowed to add two years of cost to the program with each biennial budget. These adjustments are not considered to represent cost growth.

Chem Demil-CMA (Chemical Demilitarization–Chemical Materials Agency) – Program costs decreased \$1,668.2 million (-6.1%) from \$27,422.6 million to \$25,754.4 million, due primarily to updated disposal facility schedules that reflect the latest operational processing rates (-\$1,454.8 million), reduced requirements for risk mitigation items that were overcome and for replacement equipment that was not required because of schedule successes (-\$146.6 million),

and the application of revised escalation indices (-\$132.4 million). These decreases were partially offset by a revised estimate for the Non-Stockpile Chemical Materiel Project through FY 2022 (+\$87.9 million).

JCA (Joint Cargo Aircraft) – Program costs decreased \$2,077.3 million (-50.8%) from \$4,087.8 million to \$2,010.5 million, due primarily to a quantity decrease of 40 aircraft from 78 to 38 aircraft (-\$1,370.0 million), and lower support costs associated with the quantity decrease (-\$196.3 million). There were additional decreases due to a reduction in the estimate for maintenance training and depot standup costs (-\$241.8 million), a reduction in estimated support costs based on a change to a firm-fixed price contract (-\$155.1 million), and the application of revised escalation indices (-\$89.6 million).

JTRS GMR (Joint Tactical Radio System Ground Mobile Radio) – Program costs decreased \$1,405.7 million (-6.8%) from \$20,536.4 million to \$19,130.7 million, due primarily to reductions in the estimated recurring manufacturing costs based on actuals from engineering models (-\$1,488.3 million) and the application of revised escalation indices (-\$892.2 million). In addition, other support costs (-\$240.8 million) and initial spares (-\$99.2 million) were reduced proportionately based on recurring manufacturing reductions. These decreases were partially offset by increases associated with a stretch-out of the Army procurement buy profile (+\$882.0 million), and Public Key Infrastructure (PKI), Waveform Interface Software (WIS), Soldier Radio Waveform (SRW) porting, and non-waveform software and hardware integration challenges (+\$263.5 million). There were additional offset increases associated with a quantity increase of 427 Navy radios (+\$74.1 million) and associated schedule, engineering, and estimating allocations* (+\$21.7 million).

JTRS HMS (Joint Tactical Radio System Handheld, Manpack, and Small Form Fit) – Program costs increased \$1,873.5 million (+55.6%) from \$3,366.9 million to \$5,240.4 million, due primarily to a quantity increase of 120,000 Army radios from 95,961 to 215,961 radios (+\$3,506.6 million) and associated schedule and estimating allocations* (-\$1,813.8 million). There were additional increases for initial spares and other support costs associated with the quantity increase and revised estimating assumptions (+\$776.6 million). These increases were partially offset by a decrease in the estimated cost of radios based on actuals from engineering models/buildups (-\$504.4 million), the application of revised escalation indices (-\$91.6 million), and acceleration of the Army procurement buy profile (-\$64.6 million).

** Note: Quantity changes are estimated based on the original SAR baseline cost-quantity relationship. Cost changes since the original baseline are separately categorized as schedule, engineering, or estimating "allocations." The total impact of a quantity change is the identified "quantity" change plus all associated "allocations."*

Program Acquisition Cost Summary (Dollars in Million)
As of December 31, 2009

Program	Base Year	Baseline Type	Baseline Estimate			Changes To Date			Current Estimate			% Change to Date	
			Base-Year \$	Then-Year \$	Quantity	Base-Year \$	Then-Year \$	Quantity	Base-Year \$	Then-Year \$	Quantity	Base-Year \$	Then-Year \$
Army													
AB3	2006	DE	6,553.0	8,093.9	602	3,161.1	3,592.1	93	9,714.1	11,686.0	695	42.4	37.7
ATIRCM/CMWS: QRC	2003	PDE	894.8	1,054.4	0	28.9	-20.4	208	923.7	1,034.0	208	-14.1	-68.0
ATIRCM/CMWS: CMWS	2003	PDE	1,900.9	2,186.2	2668	1,168.9	1,292.6	1266	3,069.8	3,478.8	3934	34.8	25.4
BLACKHAWK	2005	PdE	16,801.7	20,847.1	1235	2,738.7	2,834.6	0	19,540.4	23,681.7	1235	16.3	13.6
BRADLEY	2001	PdE	3,724.2	3,859.8	926	4,344.8	5,043.4	1715	8,069.0	8,903.2	2641	-2.8	-7.7
CH-47F	2005	PdE	10,614.8	12,147.4	512	1,437.5	1,488.8	13	12,052.3	13,636.2	525	10.5	9.1
EXCALIBUR	2007	PdE	2,264.6	2,518.7	30388	33.8	-49.1	156	2,298.4	2,469.6	30544	-0.1	-3.5
FBCB2	2005	PdE	1,579.9	1,556.7	22248	2,084.6	2,290.3	67820	3,664.5	3,847.0	90068	21.7	21.8
FMTV	1996	PdE	11,594.2	18,921.3	85488	5,052.6	1,705.3	-2303	16,646.8	20,626.6	83185	44.8	12.6
GMLRS	2003	PdE	9,780.2	11,848.9	140239	-4,881.3	-5,790.0	-96357	4,898.9	6,058.9	43882	22.3	94.4
HIMARS	2003	PdE	3,711.6	4,388.4	894	-1,905.5	-2,344.6	-513	1,806.1	2,043.8	381	-10.7	-0.6
JLENS	2005	DE	5,850.0	7,151.0	16	722.5	912.8	0	6,572.5	8,063.8	16	12.4	12.8
LONGBOW	1996	PdE	5,690.6	7,027.8	758	5,648.2	6,076.7	-2	11,338.8	13,104.5	756	80.2	69.2
LUH	2006	PdE	1,638.3	1,883.0	322	170.0	120.6	23	1,808.3	2,003.6	345	3.4	-0.9
PATRIOT PAC-3	2002	PdE	9,084.0	9,205.8	1159	-27.2	120.3	-53	9,056.8	9,326.1	1106	-0.3	1.2
PATRIOT MEADS CAP: FIRE UNIT	2004	DE	16,530.5	21,839.4	48	-488.7	125.9	0	16,041.8	21,965.3	48	-3.0	0.6
PATRIOT MEADS CAP: MISSILE	2004	DE	6,220.9	8,056.0	1528	430.9	806.0	0	6,651.8	8,862.0	1528	6.9	10.0
STRYKER	2004	PdE	8,276.9	8,534.7	2096	5,719.9	6,661.3	1902	13,996.8	15,196.0	3998	6.3	6.7
WIN-T INC 1	2007	PdE	3,798.0	3,879.7	1677	-19.5	-44.7	100	3,778.5	3,835.0	1777	-3.4	-4.1
WIN-T INC 2	2010	DE/PdE	3,617.2	3,907.0	1893	1,069.6	1,090.7	323	4,686.8	4,997.7	2216	14.5	12.7
Subtotal			130,126.3	158,907.2	294697	26,489.8	25,912.6	-25609	156,616.1	184,819.8	269088	15.2	11.7
Navy													
AGM-88E AARGM	2003	DE/PdE	1,339.8	1,510.9	1790	210.3	340.8	129	1,550.1	1,851.7	1919	12.0	17.9
AIM-9X	1997	PdE	2,464.0	3,232.9	10049	392.2	433.9	93	2,856.2	3,666.8	10142	15.3	12.7
CEC	2002	PdE	4,123.3	4,310.7	272	135.4	234.4	9	4,258.7	4,545.1	281	6.1	9.4
CH-53K	2006	DE	14,980.9	18,766.3	156	5,134.8	6,759.8	44	20,115.7	25,526.1	200	16.2	16.7
COBRA JUDY REPLACEMENT	2003	DE	1,365.0	1,464.0	1	161.3	248.7	0	1,526.3	1,712.7	1	11.8	17.0
CVN 68	1995	PdE	4,557.1	5,540.8	1	709.7	725.0	0	5,266.8	6,265.8	1	15.6	13.1
CVN 78	2000	DE	28,701.2	36,082.1	3	-706.5	4,463.4	0	27,994.7	40,545.5	3	-2.5	12.4
DDG 1000	2005	DE	31,547.9	36,296.3	10	-13,900.4	-16,524.9	-7	17,647.5	19,771.4	3	6.2	17.4
DDG51	1987	PdE	16,953.7	20,117.5	23	39,638.0	60,290.2	48	56,591.7	80,407.7	71	22.1	21.4
E-2D AHE	2009	PdE	17,468.6	19,031.4	75	11.3	-127.1	0	17,479.9	18,904.3	75	0.1	-0.7
EA-18G	2004	PdE	7,530.8	8,636.4	84	2,521.1	2,913.7	30	10,051.9	11,550.1	114	8.0	7.3
EA-6B ICAP III	2008	PdE	1,130.1	1,053.8	34	16.0	12.2	-2	1,146.1	1,066.0	32	3.2	3.2
EFV	2007	DE	8,493.2	8,725.2	1025	4,753.2	6,827.8	-432	13,246.4	15,553.0	593	116.2	169.3
F/A-18E/F	2000	PdE	38,884.7	41,637.3	458	5,847.4	6,454.1	57	44,732.1	48,091.4	515	7.9	7.1
H-1 UPGRADES (4BW/4BN)	2008	PdE	11,203.4	12,186.8	353	257.6	-66.7	0	11,461.0	12,120.1	353	2.3	-0.5

Program Acquisition Cost Summary (Dollars in Million)
As of December 31, 2009

Program	Base Year	Baseline Type	Baseline Estimate			Changes To Date			Current Estimate			% Change to Date	
			Base-Year \$	Then-Year \$	Quantity	Base-Year \$	Then-Year \$	Quantity	Base-Year \$	Then-Year \$	Quantity	Base-Year \$	Then-Year \$
IDECM Block 2/3	2008	PdE	1,410.9	1,535.2	12809	68.1	107.9	-4	1,479.0	1,643.1	12805	5.6	7.8
IDECM Block 4	2008	DE	660.7	746.1	160	8.0	-9.6	6	668.7	736.5	166	-1.2	-3.7
JOINT MRAP	2008	PdE	22,013.5	22,415.0	15374	13,117.8	13,876.6	7508	35,131.3	36,291.6	22882	20.3	21.7
JSOW (BASELINE/UNITARY) - BASELINE/BLU-108	1990	PdE	3,566.3	4,898.7	16124	-2,087.8	-3,036.0	-12790	1,478.5	1,862.7	3334	-1.9	9.9
JSOW (BASELINE/UNITARY) - UNITARY	1990	PdE	1,977.8	2,974.8	7000	116.9	239.2	0	2,094.7	3,214.0	7000	5.9	8.0
LCS	2004	PE	1,172.7	1,211.7	2	2,176.7	2,520.8	0	3,349.4	3,732.5	2	185.6	208.0
LHA 6	2006	DE	2,877.4	3,093.5	1	2,988.7	3,733.3	1	5,866.1	6,826.8	2	3.0	4.9
LPD 17	1996	DE	9,018.1	10,761.8	12	5,331.6	7,897.4	-1	14,349.7	18,659.2	11	86.5	101.0
MH-60R	2006	PdE	10,627.0	11,424.7	254	2,543.3	2,816.3	46	13,170.3	14,241.0	300	11.8	11.2
MH-60S	1998	PdE	5,270.1	6,093.8	237	1,395.4	1,881.9	38	6,665.5	7,975.7	275	14.1	16.2
MUOS	2004	DE/PdE	5,738.0	6,481.1	6	180.4	407.4	0	5,918.4	6,888.5	6	3.1	6.3
NMT	2002	DE	1,923.4	2,321.1	333	-237.6	-250.7	-29	1,685.8	2,070.4	304	-12.2	-10.5
P-8A	2004	DE	26,494.0	31,428.6	115	1,546.9	2,712.3	7	28,040.9	34,140.9	122	0.5	3.9
RMS	2006	PdE	1,304.6	1,399.4	108	-133.4	-92.9	-54	1,171.2	1,306.5	54	34.6	49.2
SM-6	2004	DE	4,866.3	5,983.3	1200	447.8	616.7	0	5,314.1	6,600.0	1200	9.2	10.3
SSN 774	1995	DE	45,633.1	71,080.8	30	17,351.3	20,313.1	0	62,984.4	91,393.9	30	38.0	28.6
TACTICAL TOMAHAWK	1999	PdE	2,977.3	3,290.3	2790	2,550.4	3,595.1	1950	5,527.7	6,885.4	4740	31.9	37.9
T-AKE	2000	PdE	4,262.6	4,890.2	12	1,130.3	1,999.0	2	5,392.9	6,889.2	14	9.3	16.9
TRIDENT II MISSILE	1983	PdE	26,556.3	35,518.5	845	238.7	4,027.5	-284	26,795.0	39,546.0	561	18.6	37.3
V-22	2005	PdE	50,250.4	53,253.4	458	-309.9	-354.4	0	49,940.5	52,899.0	458	-0.6	-0.7
VTUAV	2006	DE/PdE	2,366.4	2,787.1	177	-99.0	-162.3	-2	2,267.4	2,624.8	175	-3.7	-5.4
Subtotal			421,710.6	502,181.5	72381	93,506.0	135,823.9	-3637	515,216.6	638,005.4	68744	15.1	18.3
Air Force													
AEHF	2002	PdE	5,800.7	6,085.7	3	5,066.0	6,363.2	3	10,866.7	12,448.9	6	25.5	28.9
AMRAAM	1992	PdE	12,278.2	13,112.4	15450	4,931.4	8,170.9	2390	17,209.6	21,283.3	17840	27.8	41.3
B-2 EHF SATCOM AND COMPUTER INCREMENT I	2007	DE	659.7	706.1	21	-76.2	-87.5	-1	583.5	618.6	20	-10.8	-11.6
B-2 RMP	2008	DE/PdE	1,273.8	1,220.0	21	-13.7	45.8	-1	1,260.1	1,265.8	20	1.8	7.0
C-130 AMP	2000	DE	3,333.9	3,965.4	519	1,622.5	2,387.5	-298	4,956.4	6,352.9	221	94.2	122.6
C-130J	1996	PdE	730.7	839.7	11	11,247.9	14,338.4	157	11,978.6	15,178.1	168	28.5	26.7
C-17A	1996	PdE	41,250.9	41,811.9	210	23,119.0	27,758.9	13	64,369.9	69,570.8	223	47.0	56.4
C-5 AMP	2006	PdE	888.4	856.3	61	324.1	348.8	31	1,212.5	1,205.1	92	15.8	16.5
C-5 RERP	2008	PdE	7,146.6	7,694.1	52	-49.5	-222.2	0	7,097.1	7,471.9	52	-0.7	-2.9
F-22	2005	PdE	64,281.7	61,323.7	181	4,663.7	5,390.4	7	68,945.4	66,714.1	188	6.0	7.3
FAB-T	2002	DE	2,642.3	3,167.4	216	663.1	814.5	27	3,305.4	3,981.9	243	19.0	19.0
GBS	1997	DE	451.4	497.1	346	439.1	519.8	1880	890.5	1,016.9	2226	11.5	11.4
GLOBAL HAWK (RQ-4A/B)	2000	DE	4,350.3	5,394.0	63	6,766.8	8,314.3	14	11,117.1	13,708.3	77	116.5	113.2
GPS-III A	2000	DE	3,179.9	4,002.3	8	211.2	204.6	0	3,391.1	4,206.9	8	6.6	5.1

Program Acquisition Cost Summary (Dollars in Million)
As of December 31, 2009

Program	Base Year	Baseline Type	Baseline Estimate			Changes To Date			Current Estimate			% Change to Date	
			Base-Year \$	Then-Year \$	Quantity	Base-Year \$	Then-Year \$	Quantity	Base-Year \$	Then-Year \$	Quantity	Base-Year \$	Then-Year \$
JASSM (JASSM/JASSM-ER)	1995	PdE	4,016.4	4,981.1	5447	1,502.9	2,730.2	-429	5,519.3	7,711.3	5018	44.6	64.0
JDAM	1995	PdE	2,300.3	2,606.7	89065	2,586.7	3,145.7	131252	4,887.0	5,752.4	220317	26.7	27.4
JPATS	2002	PdE	4,529.0	5,041.1	783	361.6	413.3	-16	4,890.6	5,454.4	767	9.5	10.0
LAIRCM	2008	PdE	383.6	366.0	8	55.2	49.4	0	438.8	415.4	8	14.4	13.5
MINUTEMAN III PRP	1994	PdE	2,086.8	2,600.8	607	104.1	1.0	-6	2,190.9	2,601.8	601	5.5	0.5
MP RTIP	2000	DE	1,449.3	1,568.4	0	-333.1	-321.9	0	1,116.2	1,246.5	0	-23.0	-20.5
NAS	2005	PdE	1,373.2	1,421.1	93	49.8	55.2	-2	1,423.0	1,476.3	91	4.8	5.3
NAVSTAR GPS - SPACE & CONTROL	2000	PdE	5,015.6	5,120.9	33	1,012.5	1,240.5	0	6,028.1	6,361.4	33	19.7	24.3
NAVSTAR GPS - USER EQUIPMENT	2000	PdE	797.8	874.4	0	974.9	1,174.7	0	1,772.7	2,049.1	0	122.2	134.3
NPOESS	2002	PdE	5,538.0	6,117.6	6	-231.7	-308.0	-6	5,306.3	5,809.6	0	19.3	23.6
SBIRS HIGH	1995	DE	3,679.5	4,147.3	5	8,547.0	10,968.3	1	12,226.5	15,115.6	6	143.1	151.4
SBSS BLOCK 10	2007	DE	810.5	825.8	1	59.0	55.9	0	869.5	881.7	1	7.3	6.8
WGS	2001	PdE	980.4	1,042.5	3	1,990.8	2,399.2	4	2,971.2	3,441.7	7	15.3	16.6
Subtotal			181,228.9	187,389.8	113213	75,595.1	95,950.9	135020	256,824.0	283,340.7	248233	27.8	33.6
DoD													
BMDS	2002	PE	63,556.2	71,077.5	0	37,334.5	45,626.4	0	100,890.7	116,703.9	0	58.7	64.2
CHEM DEMIL-ACWA	1994	PdE	1,957.4	2,430.4	0	4,016.0	5,921.9	3136	5,973.4	8,352.3	3136	205.2	243.7
CHEM DEMIL-CMA	1994	PdE	11,513.7	12,879.9	29060	9,898.4	12,874.5	0	21,412.1	25,754.4	29060	86.0	100.0
F-35	2002	DE	177,100.0	233,000.0	2866	61,498.6	95,252.9	-409	238,598.6	328,252.9	2457	23.3	58.0
JCA	2007	PdE	3,635.2	4,087.8	78	-1,780.6	-2,077.3	-40	1,854.6	2,010.5	38	-22.3	-26.0
JTRS GMR	2002	DE	14,437.2	19,112.9	108388	-1,090.9	17.8	-21309	13,346.3	19,130.7	87079	5.7	18.3
JTRS HMS	2004	DE	8,569.0	10,717.0	328674	-4,421.8	-5,476.6	-112713	4,147.2	5,240.4	215961	-42.4	-40.3
JTRS NED	2002	DE	812.9	914.4	0	864.9	1,024.6	0	1,677.8	1,939.0	0	106.4	112.1
MIDS	2003	PdE	1,824.8	1,818.9	2964	672.2	800.4	1666	2,497.0	2,619.3	4630	10.0	11.5
Subtotal			283,406.4	356,038.8	472030	106,991.3	153,964.6	-129669	390,397.7	510,003.4	342361	32.0	56.9
Grand Total			1,016,472.2	1,204,517.3		302,582.2	411,652.0	0	1,319,054.4	1,616,169.3		22.1	30.1

Distribution of Cost Changes (Base-Year Dollars in Millions)
As of December 31, 2009

Program	Base	Cost Changes Between the Baseline and Current Estimate													
		Quantity		Schedule		Engineering		Estimating		Other		Support		Total	
		This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date
Army:															
AB3	2006	1,687.3	1,956.5	11.6	11.6	-	-	-124.5	182.9	-	-	981.3	1,010.1	2,555.7	3,161.1
ATIRCM/CMWS: QRC	2003	-763.6	180.9	-520.7	-593.7	302.8	138.9	-18.1	312.4	-	-	-157.5	-9.6	-1,157.1	28.9
ATIRCM/CMWS: CMWS	2003	21.8	376.7	-	-99.2	829.5	635.0	-6.5	204.8	-	-	136.0	51.6	980.8	1,168.9
BLACK HAWK UPGRADE (UH-	2005	-	-	24.1	136.2	-280.8	613.0	607.9	1,619.4	-	-	254.0	370.1	605.2	2,738.7
BRADLEY UPGRADE	2001	158.2	4,577.1	22.7	85.1	-30.5	595.0	-366.2	-1,107.3	-	-	-285.0	194.9	-500.8	4,344.8
CH-47F	2005	278.7	296.0	-4.1	-4.2	-	0.5	202.9	1,123.4	-	-	59.2	21.8	536.7	1,437.5
EXCALIBUR	2007	36.6	36.6	40.4	40.4	-	-	-10.5	-43.1	-	-	-0.6	-0.1	65.9	33.8
FBCB2	2005	192.1	1,431.3	-22.5	-44.7	32.7	185.4	42.6	197.2	-	-	-125.4	315.4	119.5	2,084.6
FMTV	1996	-	-97.2	-	42.8	12.9	2,229.2	401.8	2,960.4	-	-	-284.5	-82.6	130.2	5,052.6
GMLRS/GMLRS AW	2003	154.4	-5,775.3	-	224.1	8.5	8.5	21.2	654.2	-	-	-2.9	7.2	181.2	-4,881.3
HIMARS	2003	-	-1,689.8	-	-16.6	-	35.5	13.5	-143.8	-	-	-4.6	-90.8	8.9	-1,905.5
JLENS	2005	-	-	187.5	187.5	-	-	231.6	420.6	-	-	64.8	114.4	483.9	722.5
LONGBOW APACHE	1996	423.3	601.8	5.5	5.5	823.2	2,907.0	258.6	1,680.9	-	-	2.2	453.0	1,512.8	5,648.2
LUH	2006	-	110.5	23.1	30.0	-	74.4	-66.8	-76.4	-	-	32.2	31.5	-11.5	170.0
PATRIOT PAC-3	2002	466.8	3.3	-	46.8	-	-	203.3	-77.3	-	-	-	-	670.1	-27.2
PATRIOT/MEADS CAP - FIRE	2004	-	-	-	-	-	-	-16.5	-651.7	-	-	250.1	163.0	233.6	-488.7
PATRIOT/MEADS CAP -	2004	-	-	-	-	-	-	620.5	424.7	-	-	4.0	6.2	624.5	430.9
STRYKER	2004	1,142.1	4,895.5	-15.2	-65.4	687.2	2,281.3	-2,031.2	-2,503.7	-	-	-40.6	1,112.2	-257.7	5,719.9
WIN-T INCREMENT 1	2007	113.5	113.5	-	-	-	-	-57.6	-60.7	-	-	-75.4	-72.3	-19.5	-19.5
WIN-T INCREMENT 2	2010	477.1	477.1	-	-	-	-	114.1	192.6	-	-	478.4	399.9	1,069.6	1,069.6
Subtotal		4,388.3	7,494.5	-247.6	-13.8	2,385.5	9,703.7	20.1	5,309.5	-	-	1,285.7	3,995.9	7,832.0	26,489.8
Navy:															
AGM-88E AARGM	2003	2.6	44.0	3.2	3.8	16.5	17.2	59.8	128.5	-	-	42.2	16.8	124.3	210.3
AIM-9X	1997	-	12.9	-	64.3	12.4	212.6	158.4	308.7	-	-	21.3	-206.3	192.1	392.2
CEC	2002	-130.8	-109.8	-47.2	-33.8	31.9	244.6	205.5	98.5	-	-	-7.7	-64.1	51.7	135.4
CH-53K	2006	2,326.4	2,326.4	799.2	799.2	-	-	1,194.7	1,216.1	-	-	770.5	793.1	5,090.8	5,134.8
COBRA JUDY REPLACEMENT	2003	-	-	30.0	30.0	-	-	43.0	131.3	-	-	-	-	73.0	161.3
CVN 68	1995	-	-	-	-72.8	-	-5.3	-12.0	673.1	-	114.7	-	-	-12.0	709.7
CVN 78	2000	-	-	32.2	120.2	-	-688.9	2,975.4	-137.8	-	-	-	-	3,007.6	-706.5
DDG 1000	2005	-8,326.8	-14,646.0	-22.1	63.8	249.4	15.9	656.6	665.9	-	-	-	-	-7,442.9	-13,900.4
DDG 51	1987	4,690.2	29,384.9	188.3	277.4	536.3	2,016.4	4,758.8	7,959.3	-	-	-	-	10,173.6	39,638.0
E-2D AHE	2009	-	-	-	-	30.0	30.0	-23.5	-23.5	-	-	4.8	4.8	11.3	11.3
EA-18G	2004	1,715.3	1,774.7	-1.0	-1.0	-	-	257.3	265.5	-	-	502.0	481.9	2,473.6	2,521.1
EA-6B ICAP III	2008	-	-20.0	-	-	37.9	37.9	7.4	27.4	-	-	-29.3	-29.3	16.0	16.0
EFV	2007	-	-2,365.8	94.9	459.6	-	363.9	-258.4	5,626.4	-	-	245.6	669.1	82.1	4,753.2
F/A-18E/F	2000	1,080.6	2,583.1	-	868.8	-	200.1	52.7	187.4	-	-	341.2	2,008.0	1,474.5	5,847.4
H-1 UPGRADES (4BW/4BN)	2008	-	-	-	-	-	-	351.0	428.2	-	-	-132.1	-170.6	218.9	257.6
IDECM - IDECM Blocks 2/3	2008	-10.5	-10.5	80.2	80.2	-	-	-29.7	-29.7	-	-	28.1	28.1	68.1	68.1

Distribution of Cost Changes (Base-Year Dollars in Millions)
As of December 31, 2009

Program	Base	Cost Changes Between the Baseline and Current Estimate													
		Quantity		Schedule		Engineering		Estimating		Other		Support		Total	
		This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date
IDECM - IDECM Block 4	2008	15.8	15.8	-5.6	-5.6	-	-	-27.7	-27.7	-	-	25.5	25.5	8.0	8.0
JOINT MRAP	2008	7,195.7	7,195.7	-	-	-	-	-552.3	-552.3	-	-	6,474.4	6,474.4	13,117.8	13,117.8
JSOW - Baseline/BLU-108	1990	-	-2,059.3	3.5	5.9	-	76.6	-0.4	-97.7	-	-	-0.5	-13.3	2.6	-2,087.8
JSOW - Unitary	1990	-	-	-	5.9	347.7	396.9	-29.1	-276.1	-	-	-1.0	-9.8	317.6	116.9
LCS	2004	-	-	37.8	165.3	66.3	169.1	650.1	1,842.3	-	-	-	-	754.2	2,176.7
LHA 6	2006	2,816.6	2,816.6	-	-	-	-	-29.4	-77.6	-	249.7	-	-	2,787.2	2,988.7
LPD 17	1996	1,699.5	-1,325.1	94.4	414.9	-	-	711.2	4,704.2	336.6	1,537.6	-	-	2,841.7	5,331.6
MH-60R	2006	1,152.2	1,152.2	12.8	47.8	25.1	212.4	478.0	1,213.7	-	-	222.7	-83.0	1,890.8	2,543.1
MH-60S	1998	58.5	572.5	-6.4	121.8	8.6	-28.0	142.9	528.3	-	-	-42.3	200.8	161.3	1,395.4
MUOS	2004	-	-	5.0	5.0	-	-	246.4	175.4	-	-	-	-	251.4	180.4
NMT	2002	-2.9	-2.3	-	-	-	-	47.5	-134.3	-	-	-35.6	-101.0	9.0	-237.6
P-8A	2004	1,240.5	1,065.1	58.6	329.1	23.0	160.8	628.5	75.4	-	-	-92.5	-83.5	1,858.1	1,546.9
RMS	2006	-430.8	-434.5	-39.4	49.1	-10.8	-10.8	206.7	207.7	-	-	66.0	55.1	-208.3	-133.4
SM-6	2004	-	-	-	-	-	-	443.4	369.9	-	-	178.2	77.9	621.6	447.8
SSN 774	1995	-	-	-	1,708.0	-	956.0	-816.7	13,920.7	-	216.3	49.3	550.3	-767.4	17,351.3
TACTICAL TOMAHAWK	1999	977.2	1,212.6	103.3	254.6	10.9	30.6	718.6	994.1	-	-	12.1	58.5	1,822.1	2,550.4
T-AKE	2000	652.4	669.2	13.3	13.3	-	-	109.0	447.8	-	-	-	-	774.7	1,130.3
TRIDENT II MISSILE	1983	-	-3,970.8	-1.7	-1.7	4.2	55.9	454.9	3,084.5	-	-	-44.0	1,071.0	413.4	238.9
V-22	2005	-	-	26.3	425.2	-	157.1	-860.4	-1,125.3	-	-	301.8	233.1	-532.3	-309.9
VTUAV	2006	-11.5	-11.5	103.5	103.5	46.0	81.7	235.9	-282.7	-	-	18.7	10.0	392.6	-99.0
Subtotal		16,710.2	25,870.1	1,563.1	6,301.8	1,435.4	4,702.7	13,154.1	42,515.6	336.6	2,118.3	8,919.4	11,997.5	42,118.8	93,506.0
Air Force:															
AEHF	2002	2,074.3	2,859.2	-	879.0	29.8	88.7	-78.0	1,247.6	-	-	-	-8.5	2,026.1	5,066.0
AMRAAM	1992	2,304.5	1,239.0	787.8	1,563.0	49.3	917.2	633.1	840.8	-	-	278.6	371.4	4,053.3	4,931.4
B-2 EHF SATCOM AND	2007	-5.3	-5.3	5.3	5.3	-	-	-45.2	-63.9	-	-	-7.7	-12.3	-52.9	-76.2
B-2 RMP	2008	-35.5	-35.5	-	96.1	41.2	41.2	25.6	-112.7	-	-	15.7	-2.8	47.0	-13.7
C-130 AMP	2000	-3.8	-781.4	-0.6	62.4	-	69.2	492.8	2,021.4	-	-	-53.0	250.9	435.4	1,622.5
C-130J	1996	1,859.5	8,590.0	-3.3	-267.4	-	126.2	-641.8	-382.0	-	-	959.5	3,181.1	2,173.9	11,247.9
C-17A	1996	3,375.0	2,550.3	628.7	2,047.1	30.5	402.4	1,307.9	14,947.9	34.5	445.5	328.5	2,725.8	5,705.1	23,119.0
C-5 AMP	2006	-99.0	158.9	-	3.0	-	13.9	-4.7	-14.5	-	-	-60.8	162.8	-164.5	324.1
C-5 RERP	2008	-	-	-	-	-	-	111.5	111.5	-	-	-161.0	-161.0	-49.5	-49.5
F-22	2005	433.6	781.8	-0.9	-0.9	-	-	1,139.8	2,727.1	-	-	381.1	1,155.7	1,953.6	4,663.7
FAB-T	2002	101.7	135.3	0.6	0.6	145.8	145.8	-273.6	-29.7	-	-	368.2	411.1	342.7	663.1
GBS	1997	115.8	347.0	25.7	61.5	32.4	118.2	-17.6	-102.3	-	-	7.2	14.7	163.5	439.1
GLOBAL HAWK (RQ-4A/B)	2000	1,107.1	785.5	-264.5	-793.4	788.8	3,841.2	941.0	1,912.0	-	-	442.8	1,021.5	3,015.2	6,766.8
GPS-III A	2000	-	-	-	-	-	-	136.6	136.6	-	-	74.6	74.6	211.2	211.2
JASSM (JASSM/JASSM-ER)	1995	32.6	-198.3	-	-20.8	304.4	315.2	700.4	1,386.9	-	-	15.8	19.9	1,053.2	1,502.9
JDAM	1995	332.4	1,557.6	-0.6	-0.6	-	12.5	11.4	812.5	-	-	21.7	204.7	364.9	2,586.7
JPATS	2002	-3.8	-62.3	-0.1	10.3	-0.5	344.0	-80.9	60.6	41.1	41.1	20.3	-32.1	-23.9	361.6

Distribution of Cost Changes (Base-Year Dollars in Millions)
As of December 31, 2009

Program	Base	Cost Changes Between the Baseline and Current Estimate													
		Quantity		Schedule		Engineering		Estimating		Other		Support		Total	
		This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date
LAIRCM	2008	-	-	-	-	-	-	55.2	55.2	-	-	-	-	55.2	55.2
MINUTEMAN III PRP	1994	-	-10.4	-	-26.9	-	21.3	11.1	104.2	-	-	-10.0	15.9	1.1	104.1
MP RTIP	2000	-	-	1.3	130.7	-	-289.7	0.2	-174.1	-	-	-	-	1.5	-333.1
NAS	2005	-	-15.1	-	11.6	-	-	54.9	94.2	-	-	-55.4	-40.9	-0.5	49.8
NAVSTAR GPS - SPACE &	2000	-	20.0	-	-	-	391.9	-114.1	216.1	-	-	179.1	384.5	65.0	1,012.5
NAVSTAR GPS - USER	2000	-	-	-	-	-	251.6	22.0	761.4	-	-	-39.9	-38.1	-17.9	974.9
NPOESS	2002	-4,530.9	-4,963.1	-	682.2	-	-677.1	474.2	4,726.3	-	-	-	-	-4,056.7	-231.7
SBIRS HIGH	1995	1,593.2	1,349.0	-	301.5	-	453.8	742.4	6,007.8	-	-	332.2	434.9	2,667.8	8,547.0
SBSS BLOCK 10	2007	-	-	68.9	68.9	-	-	-10.4	-9.9	-	-	-	-	58.5	59.0
WGS	2001	1,035.8	1,596.3	-	-	58.6	118.3	112.4	294.5	-	-	-	-18.3	1,206.8	1,990.8
Subtotal		9,687.2	15,898.5	1,248.3	4,813.2	1,480.3	6,705.8	5,706.2	37,575.5	75.6	486.6	3,037.5	10,115.5	21,235.1	75,595.1
DoD:															
BMDS	2002	-	-	-	-1,417.0	-5,896.1	41,657.4	-1,427.6	-2,905.9	-	-	-	-	-7,323.7	37,334.5
CHEM DEMIL-ACWA	1994	-	-	-	-175.1	-	-	474.6	4,191.1	-	-	-	-	474.6	4,016.0
CHEM DEMIL-CMA	1994	-	-	-	8,011.5	-	-	-1,047.2	1,879.3	-	7.6	-	-	-1,047.2	9,898.4
F-35	2002	130.6	-16,118.5	-	8,797.1	-	9,686.7	21,642.8	52,380.3	-	-	6,810.7	6,753.0	28,584.1	61,498.6
JCA	2007	-1,248.2	-1,248.2	-	-	-	-	-273.5	-273.5	-	-	-258.9	-258.9	-1,780.6	-1,780.6
JTRS GMR	2002	51.4	-1,814.3	5.7	370.1	0.7	-72.0	-678.1	627.9	-	-	-276.5	-202.6	-896.8	-1,090.9
JTRS HMS	2004	2,529.3	-1,373.3	219.5	219.5	-	-	-1,850.8	-3,217.8	-	-	577.4	-50.2	1,475.4	-4,421.8
JTRS NED	2002	-	-	-	-	-	648.1	-65.4	216.8	-	-	-	-	-65.4	864.9
MIDS	2003	221.6	445.7	-	-0.2	42.9	309.9	-124.6	-129.9	-	-	68.0	46.7	207.9	672.2
Subtotal		1,684.7	-20,108.6	225.2	15,805.9	-5,852.5	52,230.1	16,650.2	52,768.3	-	7.6	6,920.7	6,288.0	19,628.3	106,991.3
Grand Total		32,470.4	13,256.0	2,789.0	26,907.1	-551.3	73,342.3	35,530.6	138,168.9	412.2	2,612.5	20,163.3	36,233.0	90,814.2	302,582.2

**Distribution of Cost Changes (Then-Year Dollars in Millions)
As of December 31, 2009**

Program	Cost Changes Between the Baseline and Current Estimate															
	Economic		Quantity		Schedule		Engineering		Estimating		Other		Support		Total	
	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date
Army																
AB3	-330.8	-405.8	2,058.2	2,453.7	-2.0	143.6	-	-	-243.4	150.8	-	-	1,207.6	1,249.8	2,689.6	3,592.1
ATIRCM/CMWS: QRC	-48.8	25.4	-937.7	303.3	-638.9	-866.9	351.4	179.7	-21.8	331.5	0.0	0.0	-185.7	6.6	-1,481.5	-20.4
ATIRCM/CMWS: CMWS	-10.6	124.6	27.2	587.1	1.7	-424.3	1,015.5	704.0	-7.8	258.5	0.0	0.0	152.4	42.7	1,178.4	1,292.6
BLACK HAWK UPGRADE (UH-60M)	-798.1	-713.1	-	-	-252.5	333.1	-373.3	738.8	747.9	2,006.6	-	-	315.0	469.2	-361.0	2,834.6
BRADLEY UPGRADE	-51.0	-46.8	188.7	5,786.0	-83.6	-377.2	-36.4	714.7	-444.7	-1,329.0	-	-	-365.0	295.7	-792.0	5,043.4
CH-47F	-252.8	-148.9	325.1	348.5	-115.1	-267.1	-	0.5	264.2	1,543.6	-	-	64.5	12.2	285.9	1,488.8
EXCALIBUR	-52.1	-79.4	39.7	39.7	37.4	37.5	-	-	-19.9	-46.9	-	-	-0.6	-	4.5	-49.1
FBCB2	-14.4	15.0	217.4	1,600.7	-31.7	-120.2	37.1	198.4	56.0	238.8	-	-	-146.3	357.6	118.1	2,290.3
FMTV	-258.4	-2,783.9	-	-597.8	44.1	-1,685.8	17.3	3,047.6	504.3	3,955.5	-	-	-357.1	-230.3	-49.8	1,705.3
GMLRS/GMLRS AW	-166.6	502.8	190.1	-8,732.6	-12.3	1,279.1	10.8	10.8	31.5	1,141.8	-	-	-2.9	8.1	50.6	-5,790.0
HIMARS	-17.4	229.9	-	-2,332.3	-	-17.3	-	39.6	17.8	-118.5	-	-	-5.6	-146.0	-5.2	-2,344.6
JLENS	-209.2	-127.4	-	-	365.1	322.1	-	-	305.5	543.0	-	-	102.1	175.1	563.5	912.8
LONGBOW APACHE	-17.6	-268.7	542.7	715.0	2.1	24.4	1,060.2	3,590.3	331.6	1,529.1	-	-	2.5	486.6	1,921.5	6,076.7
LUH	-44.9	-50.2	-	139.3	-4.5	-6.6	-	84.9	-72.7	-80.7	-	-	35.5	33.9	-86.6	120.6
PATRIOT PAC-3	-11.0	159.8	565.8	6.9	-	43.4	-	-	246.4	-89.8	-	-	-	-	801.2	120.3
PATRIOT/MEADS CAP - FIRE UNIT	-928.8	-53.2	-	-	404.8	404.8	-	-	279.7	-533.5	-	-	429.9	307.8	185.6	125.9
PATRIOT/MEADS CAP - MISSILE	-320.2	-5.4	-	-	254.4	267.4	-	-	781.3	512.9	-	-	31.0	31.1	746.5	806.0
STRYKER	-44.6	127.0	1,324.4	5,706.1	-103.2	-279.6	786.2	2,648.8	-2,361.8	-2,614.9	-	-	-96.1	1,073.9	-495.1	6,661.3
WIN-T INCREMENT 1	-6.1	-25.9	118.5	118.5	0.1	-0.5	-	-	-60.1	-63.1	-	-	-77.1	-73.7	-24.7	-44.7
WIN-T INCREMENT 2	-85.2	-121.0	527.4	527.4	36.1	36.1	-	-	119.9	205.9	-	-	528.7	442.3	1,126.9	1,090.7
Subtotal	-3,668.6	-3,645.2	5,187.5	6,669.5	-98.0	-1,154.0	2,868.8	11,958.1	453.9	7,541.6	0.0	0.0	1,632.8	4,542.6	6,376.4	25,912.6
Navy																
AGM-88E AARGM	-35.0	34.4	3.6	59.5	26.8	52.8	19.0	19.8	72.2	152.7	-	-	55.0	21.6	141.6	340.8
AIM-9X	-71.1	-280.6	-	19.5	90.2	307.0	16.7	266.6	205.6	407.6	-	-	29.9	-286.2	271.3	433.9
GEC	-16.6	53.4	-177.4	-157.1	-74.7	34.9	41.5	254.5	255.3	-0.5	-	-	-13.5	49.2	14.6	234.4
CH-53K	-640.7	-699.9	3,108.9	3,108.9	1,818.0	1,818.0	-	-	1,325.7	1,300.2	-	-	1,205.9	1,232.6	6,817.8	6,759.8
COBRA JUDY REPLACEMENT	-5.3	51.4	-	-	36.3	36.3	-	-	52.2	161.0	-	-	-	-	83.2	248.7
CVN 68	24.2	-152.2	-	-	-	-54.5	-	-65.7	-17.2	870.4	-	127.0	-	-	7.0	725.0
CVN 78	301.8	4,183.2	-	-	573.7	839.5	-	-963.6	4,550.9	404.3	-	-	-	-	5,426.4	4,463.4
DDG 1000	346.1	1,368.1	-10,597.9	-19,092.9	-28.1	57.7	315.9	66.2	848.7	1,076.0	-	-	-	-	-9,115.3	-16,524.9
DDG 51	-1,353.7	-5,187.0	9,209.6	46,139.5	370.0	1,355.1	1,033.5	3,284.2	8,392.0	14,698.4	-	-	-	-	17,651.4	60,290.2
E-2D AHE	-141.0	-141.0	-	-	-5.9	-5.9	31.3	31.3	-21.3	-21.3	-	-	9.8	9.8	-127.1	-127.1
EA-18G	-69.9	-101.1	2,058.1	2,130.5	-8.0	-17.7	-	-	314.6	319.5	-	-	606.2	582.5	2,901.0	2,913.7
EA-6B ICAP III	-4.7	-4.7	-	-20.5	-	-	39.8	39.8	7.2	27.7	-	-	-30.1	-30.1	12.2	12.2
EFV	-580.0	-331.1	-	-2,950.4	291.3	1,991.7	-	414.6	-346.4	6,813.4	-	-	327.9	889.6	-307.2	6,827.8
F/A-18E/F	-131.9	-378.2	1,397.9	3,261.9	-64.7	997.2	-	223.1	105.4	110.5	-	-	439.9	2,239.6	1,746.6	6,454.1
H-1 UPGRADES (4BW/4BN)	-71.5	-311.5	-	-	-24.9	-49.1	-	-	382.3	493.6	-	-	-152.7	-199.7	133.2	-66.7
IDECM Block 2/3	-23.4	-23.4	18.6	18.6	-4.5	-4.5	-	-	-29.7	-29.7	-	-	29.4	29.4	-9.6	-9.6
IDECM Block 4	-46.4	-46.4	-11.2	-11.2	184.6	184.6	-	-	-52.1	-52.1	-	-	33.0	33.0	107.9	107.9
JOINT MRAP	-143.7	-143.7	7,415.1	7,415.1	-	-	-	-	-547.0	-547.0	-	-	7,152.2	7,152.2	13,876.6	13,876.6
JSOW (BASELINE/UNITARY) - Baseline/BLU-108	-8.4	-38.9	-	-3,204.5	11.2	391.0	-	104.0	-0.6	-266.3	-	-	-1.1	-21.3	1.1	-3,036.0
JSOW (BASELINE/UNITARY) - Unitary	-56.2	77.3	-	-	32.8	33.2	564.3	642.9	-50.1	-499.6	-	-	-1.9	-14.6	488.9	239.2
LCS	-5.9	34.0	-	-	44.8	192.2	77.8	194.5	767.2	2,100.1	-	-	-	-	883.9	2,520.8
LHA 6	79.8	135.6	3,413.5	3,413.5	-	-	-	-	-34.4	-87.8	-	272.0	-	-	3,458.9	3,733.3
LPD 17	150.6	611.2	2,559.7	-1,478.1	141.5	915.7	-	-	1,080.9	5,777.3	484.8	2,071.3	-	-	4,417.5	7,897.4
MH-60R	-153.5	-174.1	1,385.4	1,385.4	32.2	100.7	28.3	235.6	549.0	1,352.1	-	-	260.2	-83.4	2,101.6	2,816.3
MH-60S	-75.3	140.1	80.1	770.4	-15.6	227.0	10.6	-35.4	190.6	494.4	-	-	-57.7	285.4	132.7	1,881.9

**Distribution of Cost Changes (Then-Year Dollars in Millions)
As of December 31, 2009**

Program	Cost Changes Between the Baseline and Current Estimate															
	Economic		Quantity		Schedule		Engineering		Estimating		Other		Support		Total	
	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date
MUOS	-104.5	159.7	-	-	16.5	16.5	-	-	294.8	231.2	-	-	-	-	206.8	407.4
NMT	-49.4	25.6	-3.8	-8.3	5.1	10.4	-	-	61.2	-151.3	-	-	-46.0	-127.1	-32.9	-250.7
P-8A	-866.3	416.0	1,620.6	1,419.6	-122.0	709.5	27.9	193.3	769.5	96.9	-	-	-141.7	-123.0	1,288.0	2,712.3
RMS	-36.1	-39.0	-534.9	-523.6	12.7	161.3	-11.0	-11.0	230.2	235.8	-	-	95.9	83.6	-243.2	-92.9
SM-6	-174.4	84.0	-	-	30.6	-45.1	-	-	563.9	487.3	-	-	225.5	90.5	645.6	616.7
SSN 774	558.3	-4,505.5	-	-	-	7,689.6	-	1,272.3	-1,210.7	14,740.3	-	280.0	81.1	836.4	-571.3	20,313.1
TACTICAL TOMAHAWK	-37.4	50.7	1,373.2	1,703.4	139.2	372.2	15.3	40.0	1,000.7	1,353.7	-	-	19.1	75.1	2,510.1	3,595.1
T-AKE	80.6	345.8	930.4	1,002.6	19.0	52.5	-	-	144.0	598.1	-	-	-	-	1,174.0	1,999.0
TRIDENT II MISSILE	-242.7	-479.1	-	-6,719.1	-3.3	1,813.2	8.5	100.8	1,070.5	6,780.9	-	-	-104.4	2,530.8	728.6	4,027.5
V-22	-761.7	-695.4	-	-	50.4	796.4	-	213.2	-966.6	-930.4	-	-	350.0	261.8	-1,327.9	-354.4
VTUAV	-49.9	-9.0	-12.0	-12.0	164.9	167.4	49.3	89.5	287.9	-413.8	-	-	26.3	15.6	466.5	-162.3
Subtotal	-4,415.2	-5,971.3	23,237.5	37,670.7	3,740.1	21,146.8	2,268.7	6,610.5	20,246.4	58,083.6	484.8	2,750.3	10,398.2	15,533.3	55,960.5	135,823.9
Air Force Subtotal:																
AEHF	-53.9	101.5	2,623.7	3,569.7	-	1,064.5	35.0	103.9	-94.5	1,534.8	-	-	-	-11.2	2,510.3	6,363.2
AMRAAM	-143.0	-454.2	3,775.7	2,029.6	1,249.1	1,954.1	80.4	1,248.5	988.2	1,669.8	-	-	452.3	640.7	6,402.7	8,170.9
B-2 EHF SATCOM AND COMPUTER INCREMENT I	-8.2	-10.2	-6.0	-6.0	7.4	8.1	-	-	-46.8	-65.9	-	-	-8.8	-13.5	-62.4	-87.5
B-2 RMP	-12.2	35.9	-37.3	-37.3	-	116.9	42.2	42.2	30.6	-110.3	-	-	17.1	-1.6	40.4	45.8
C-130 AMP	-115.8	-306.7	-5.3	-1,110.9	65.7	306.0	-	77.6	663.8	3,061.5	-	-	-55.7	360.0	552.7	2,387.5
C-130J	-106.6	16.2	2,749.3	11,139.4	-99.4	-498.0	-	169.1	-767.2	-637.3	-	-	1,372.7	4,149.0	3,148.8	14,338.4
C-17A	-45.2	-864.5	4,314.0	2,682.2	803.7	5,631.8	39.0	421.5	1,670.8	15,567.9	44.1	456.1	437.7	3,863.9	7,264.1	27,758.9
C-5 AMP	-8.9	-12.2	-112.9	178.5	-	2.9	-	14.4	-6.4	-14.0	-	-	-72.0	179.2	-200.2	348.8
C-5 RERP	-170.8	-170.8	-	-	-	-	-	-	123.9	123.9	-	-	-175.3	-175.3	-222.2	-222.2
F-22	-108.6	-40.9	486.3	861.2	-1.0	64.0	-	-	1,358.6	3,197.0	-	-	438.9	1,309.1	2,174.2	5,390.4
FAB-T	-69.0	-42.4	134.8	179.5	9.5	18.7	174.7	174.7	-355.5	-39.5	-	-	465.2	523.5	359.7	814.5
GBS	-1.0	-11.2	150.1	416.1	33.9	77.2	43.1	145.0	-23.2	-125.1	-	-	8.5	17.8	211.4	519.8
GLOBAL HAWK (RQ-4A/B)	-105.4	-67.4	1,522.8	1,035.9	-340.1	-1,113.0	1,088.1	4,672.3	1,238.8	2,502.7	-	-	563.4	1,283.8	3,967.6	8,314.3
GPS-III A	-75.7	-75.7	-	-	-	-	-	-	185.2	185.2	-	-	95.1	95.1	204.6	204.6
JASSM (JASSM/JASSM-ER)	-146.5	32.0	42.7	-280.5	256.0	469.0	448.6	463.3	1,018.0	2,011.5	-	-	26.7	34.9	1,645.5	2,730.2
JDAM	-4.1	64.6	455.6	1,907.7	-8.6	-47.2	-	15.5	19.0	951.9	-	-	30.4	253.2	492.3	3,145.7
JPATS	-43.7	-7.2	-4.8	-80.8	3.0	60.8	-0.6	440.4	-98.3	11.8	51.0	51.0	13.5	-62.7	-79.9	413.3
LAIRCM	-2.7	-2.7	-	-	-	-	-	-	52.1	52.1	-	-	-	-	49.4	49.4
MINUTEMAN III PRP	-1.6	12.3	-	-11.5	-	-29.8	-	25.5	12.8	-22.4	-	-	-11.2	26.9	-	1.0
MP RTIP	-0.2	43.2	-	-	21.5	177.6	-	-351.0	0.2	-191.7	-	-	-	-	21.5	-321.9
NAS	-11.4	-2.6	-	-18.5	-2.0	9.0	-	-	61.5	112.7	-	-	-62.5	-45.4	-14.4	55.2
NAVSTAR GPS - Space & Control	-15.5	25.3	-	-2.3	-	8.3	-	435.4	-148.0	315.6	-	-	218.8	458.2	55.3	1,240.5
NAVSTAR GPS - User Equipment	-22.2	-4.5	-	-	-	-	-	277.8	28.7	947.6	-	-	-51.1	-46.2	-44.6	1,174.7
NPOESS	-181.9	2.9	-5,737.6	-6,332.1	-	980.2	-	-859.7	588.9	5,900.7	-	-	-	-	-5,330.6	-308.0
SBIRS HIGH	-65.3	-24.3	2,164.1	1,865.3	-	560.3	-	506.4	1,008.6	7,484.1	-	-	453.7	576.5	3,561.1	10,968.3
SBSS BLOCK 10	-2.9	-5.4	-	-	72.5	72.5	-	-	-11.8	-11.2	-	-	-	-	57.8	55.9
WGS	-4.6	22.7	1,275.2	1,909.4	-	-	70.2	133.4	150.4	353.9	-	-	-	-20.2	1,491.2	2,399.2
Subtotal	-1,526.9	-1,746.3	13,790.4	19,894.6	2,071.2	9,893.9	2,020.7	8,156.2	7,648.4	44,767.3	95.1	507.1	4,157.4	13,395.7	28,256.3	94,868.5
DoD Subtotal:																
BMDS	-1,192.0	1,133.1	-	-	-	-1,684.3	-7,166.6	49,288.4	-1,710.3	-3,110.8	-	-	-	-	-10,068.9	45,626.4
CHEM DEMIL-ACWA	-123.3	-48.8	-	-	-	-150.2	-	-	483.7	6,120.9	-	-	-	-	360.4	5,921.9
CHEM DEMIL-CMA	-132.4	70.2	-	-	-11.0	10,694.0	-	-	-1,524.8	2,101.6	-	8.7	-	-	-1,668.2	12,874.5
F-35	-11,904.9	-6,595.0	157.0	-25,277.9	2,148.3	31,762.4	-	12,789.3	30,025.5	71,553.8	-	-	8,984.2	11,020.3	29,410.1	95,252.9
JCA	-89.6	-89.6	-1,370.0	-1,370.0	-12.1	-12.1	-	-	-313.5	-313.5	-	-	-292.1	-292.1	-2,077.3	-2,077.3
JTRS GMR	-892.2	-12.8	74.1	-2,945.9	888.9	2,377.3	0.8	13.2	-1,172.0	645.8	-	-	-305.3	-59.8	-1,405.7	17.8
JTRS HMS	-91.6	557.2	3,506.6	-1,937.8	252.1	586.6	-	-	-2,573.4	-4,589.9	-	-	779.8	-92.7	1,873.5	-5,476.6
JTRS NED	58.6	16.5	-	-	-	-	-	725.3	-81.4	282.8	-	-	-	-	-22.8	1,024.6

**Distribution of Cost Changes (Then-Year Dollars in Millions)
As of December 31, 2009**

Program	Cost Changes Between the Baseline and Current Estimate															
	Economic		Quantity		Schedule		Engineering		Estimating		Other		Support		Total	
	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date
MIDS	-2.2	25.2	268.4	530.2	-6.1	-12.1	50.6	347.3	-143.7	-146.7	-	-	79.6	56.5	246.6	800.4
Subtotal	-14,369.6	-4,944.0	2,636.1	-31,001.4	3,260.1	43,561.6	-7,115.2	63,163.5	22,990.1	72,544.0	0.0	8.7	9,246.2	10,632.2	16,647.7	153,964.6
Grand Total	-23,980.3	-16,306.8	44,851.5	33,233.4	8,973.4	73,448.3	43.0	89,888.3	51,338.8	182,936.5	579.9	3,266.1	25,434.6	44,103.8	107,240.9	410,569.6

**Program Funding Status (Then-Year Dollars in Millions)
As of December 31, 2009**

Program	Prior Years	FY 2010	FY 2011	Balance of Program	Total
Grand Total	774,373.9	77,898.5	72,530.2	691,366.7	1,616,169.3
Army Subtotal:	86,260.4	9,023.6	8,526.3	81,009.5	184,819.8
AB3	668.7	367.6	587.2	10,062.5	11,686.0
ATIRCM/CMWS	3,236.0	299.1	222.0	755.7	4,512.8
BLACK HAWK UPGRADE (UH-60M)	4,892.2	1,423.1	1,372.6	15,993.8	23,681.7
BRADLEY UPGRADE	8,903.2	0.0	0.0	0.0	8,903.2
CH-47F	6,199.3	1,015.4	1,118.6	5,302.9	13,636.2
EXCALIBUR	1,078.3	156.5	88.5	1,146.3	2,469.6
FBCB2	3,128.2	514.1	175.3	29.4	3,847.0
FMTV	12,433.1	1,364.3	1,437.2	5,392.0	20,626.6
GMLRS/GMLRS AW	1,716.0	374.3	335.6	3,633.0	6,058.9
HIMARS	1,503.7	219.2	224.6	96.3	2,043.8
JLENS	1,147.5	348.4	372.5	6,195.4	8,063.8
LONGBOW APACHE	11,966.5	560.1	577.9	0.0	13,104.5
LUH	696.0	302.5	293.1	712.0	2,003.6
PATRIOT PAC-3	8,502.4	341.3	480.2	2.2	9,326.1
PATRIOT/MEADS CAP	1,909.9	566.2	529.6	27,821.6	30,827.3
STRYKER	14,236.5	643.9	302.0	13.6	15,196.0
WIN-T INCREMENT 1	3,699.8	42.1	29.9	63.2	3,835.0
WIN-T INCREMENT 2	343.1	485.5	379.5	3,789.6	4,997.7
Navy Subtotal:	343,670.9	34,116.5	31,564.9	228,653.1	638,005.4
AGM-88E AARGM	670.9	54.0	56.0	1,070.8	1,851.7
AIM-9X	1,415.5	142.8	129.1	1,979.4	3,666.8
CEC	3,375.8	143.4	155.4	870.5	4,545.1
CH-53K	1,629.0	522.3	577.4	22,797.4	25,526.1
COBRA JUDY REPLACEMENT	1,413.7	115.2	71.0	112.8	1,712.7
CVN 68	6,261.6	4.2	0.0	0.0	6,265.8
CVN 78	13,429.7	1,498.1	2,813.9	22,803.8	40,545.5
DDG 1000	15,344.5	1,902.8	755.7	1,768.4	19,771.4
DDG 51	62,514.1	2,662.1	3,084.7	12,146.8	80,407.7
E-2D AHE	3,931.6	1,159.2	1,132.5	12,681.0	18,904.3
EA-18G	6,097.7	1,709.7	1,117.1	2,625.6	11,550.1
EA-6B ICAP III	1,022.1	13.8	17.4	12.7	1,066.0
EFV	2,790.6	292.2	242.8	12,227.4	15,553.0
F/A-18E/F	41,653.1	1,565.0	1,828.4	3,044.9	48,091.4
H-1 UPGRADES (4BW/4BN)	3,947.3	791.3	985.5	6,396.0	12,120.1
IDECM	723.4	132.9	90.6	1,432.7	2,379.6
JOINT MRAP	26,340.2	3,552.5	1,118.2	5,280.7	36,291.6
JSOW (BASELINE/UNITARY)	2,776.2	152.2	144.0	2,004.3	5,076.7
LCS	2,624.2	418.8	226.3	463.2	3,732.5
LHA 6 AMERICA CLASS	3,395.8	176.0	969.2	2,285.8	6,826.8

LPD 17	15,051.7	1,232.9	79.1	2,295.5	18,659.2
MH-60R	6,560.5	1,005.0	1,161.0	5,514.5	14,241.0
MH-60S	5,086.7	522.0	588.8	1,778.2	7,975.7
MUOS	3,370.3	867.9	911.4	1,738.9	6,888.5
NMT	489.8	145.5	177.2	1,257.9	2,070.4
P-8A	4,778.8	3,054.2	2,986.3	23,321.6	34,140.9
RMS	498.7	19.9	24.7	763.2	1,306.5
SM-6	864.5	223.3	359.7	5,152.5	6,600.0
SSN 774	35,687.7	4,227.3	5,369.4	46,109.5	91,393.9
TACTICAL TOMAHAWK	3,203.2	276.5	300.2	3,105.5	6,885.4
T-AKE	5,663.4	1,225.8	0.0	0.0	6,889.2
TRIDENT II MISSILE	31,269.6	1,052.2	1,106.9	6,117.3	39,546.0
V-22	29,088.6	3,136.9	2,923.3	17,750.2	52,899.0
VTUAV	700.4	118.6	61.7	1,744.1	2,624.8
Air Force Subtotal:	209,453.3	12,756.1	9,460.3	51,671.0	283,340.7
AEHF	6,627.2	2,298.7	598.4	2,924.6	12,448.9
AMRAAM	10,770.8	465.2	577.0	9,470.3	21,283.3
B-2 EHF SATCOM AND COMPUTER	288.5	83.0	78.0	169.1	618.6
B-2 RMP	1,006.6	221.3	23.2	14.7	1,265.8
C-130 AMP	1,802.6	105.9	213.3	4,231.1	6,352.9
C-130J	8,683.1	507.3	559.7	5,428.0	15,178.1
C-17A	65,680.1	2,742.2	305.9	842.6	69,570.8
C-5 AMP	1,080.5	81.4	43.2	0.0	1,205.1
C-5 RERP	2,090.9	650.3	897.6	3,833.1	7,471.9
F-22	62,856.6	816.9	756.4	2,284.2	66,714.1
FAB-T	1,234.6	313.6	296.4	2,137.3	3,981.9
GBS	771.5	30.7	39.1	175.6	1,016.9
GLOBAL HAWK (RQ-4A/B)	5,679.7	1,075.6	1,077.2	5,875.8	13,708.3
GPS-III A	934.7	423.5	568.8	2,279.9	4,206.9
JASSM (JASSM/JASSM-ER)	2,030.9	82.0	235.8	5,362.6	7,711.3
JDAM	4,890.4	192.4	252.6	417.0	5,752.4
JPATS	3,977.8	347.9	346.2	782.5	5,454.4
LAIRCM	363.9	26.8	17.2	7.5	415.4
MINUTEMAN III PRP	2,601.8	0.0	0.0	0.0	2,601.8
MP RTIP	1,099.6	71.9	27.2	47.8	1,246.5
NAS	1,065.6	96.5	133.0	181.2	1,476.3
NAVSTAR GPS	7,078.9	252.1	274.6	804.9	8,410.5
NPOESS	5,036.9	772.7	0.0	0.0	5,809.6
SBIRS HIGH	9,263.5	706.9	1,514.3	3,630.9	15,115.6
SBSS BLOCK 10	723.9	123.9	29.9	4.0	881.7
WGS	1,812.7	267.4	595.3	766.3	3,441.7
DoD Subtotal:	134,989.3	22,002.3	22,978.7	330,033.1	510,003.4
BMDS	63,902.3	7,890.9	8,416.3	36,494.4	116,703.9
CHEM DEMIL-ACWA	2,252.2	550.2	510.9	5,039.0	8,352.3
CHEM DEMIL-CMA	18,110.4	1,162.1	1,081.4	5,400.5	25,754.4
F-35	44,663.1	11,406.1	11,902.5	260,281.2	328,252.9
JCA	555.4	327.4	377.6	750.1	2,010.5

JTRS GMR	1,283.0	202.7	251.8	17,393.2	19,130.7
JTRS HMS	653.1	182.9	244.1	4,160.3	5,240.4
JTRS NED	1,300.4	201.1	117.6	319.9	1,939.0
MIDS	2,269.4	78.9	76.5	194.5	2,619.3