COMMAND, CONTROL, AND COMMUNICATIONS (C^3)

	FY 2001 Actual	Price Change	Program Change	FY 2002 Estimate	Price Change	Program Change	FY 2003 Estimate
			($ in Millions)				
Army	514.4	+15.7	-116.4	413.7	+7.3	+120.7	541.7
Navy	526.4	+8.4	+27.0	561.8	+8.3	+91.2	661.3
Marine Corps	45.4	+0.8	-3.9	42.3	+0.7	-5.5	37.5
Air Force	1,882.3	+30.0	-102.4	1,809.9	+34.9	+177.1	2,021.9
Defense-Wide	668.3	+9.4	+149.1	826.8	+12.5	-125.8	713.5
Army Reserve	55.0	+0.8	+4.3	60.1	+0.9	-9.1	51.9
Navy Reserve	7.4	+0.2	+0.7	8.3	+0.2	+0.1	8.6
Marine Corps Reserve	2.5	+0.1	-	2.6	+0.2	+0.1	2.9
Air Force Reserve	51.9	+1.3	-5.3	47.9	+2.3	+2.2	52.4
Army National Guard	101.1	+1.6	-11.0	91.7	+1.4	-5.4	87.7
Air National Guard	13.0	+0.2	+3.4	16.6	+0.3	-0.1	16.8
Defense Health Program	38.8	+1.1	+8.7	48.6	+1.1	+0.5	50.2
Court of Military Appeals	0.1	-	-	0.1	-	-	0.1
Total	3,906.6	+69.6	-45.8	3,930.4	+70.1	+246.0	4,246.5

Command, control, and communications (C^3) resources provide seamless base level and worldwide communication networks for voice, data, and imagery traffic of sufficient quality, reliability, and flexibility to ensure responsive support to U.S. forces. This information infrastructure contains communications networks, computers, software, databases, applications, data, security services, and other capabilities that meet the information processing and transport needs of DoD users. The C^3 program specifically funds telecommunications systems, leased circuits, and other services necessary for information transfer, messaging operations, and equipment associated with sending and receiving communications transmissions. Additionally, this program funds efforts to integrate command and control systems with communications in order to support the information needs of field commanders. The FY 2003 budget request of $4,246.5 million includes price increases of $70.1 million and a net program increase of $246.0 million (6.1 percent) above the FY 2002 funding level.

COMMAND, CONTROL, AND COMMUNICATIONS (C³)

Program Data	FY 2001 Actual	Price Change	Program Change	FY 2002 Estimate	Price Change	Program Change	FY 2003 Estimate
			($ in Millions)				
Communications	**2,313.5**	**+42.1**	**-52.6**	**2,303.0**	**+43.0**	**+116.9**	**2,462.9**
Sustaining Base Communications	1,188.4	+21.2	-81.5	1,128.1	+23.7	+71.1	1,222.9
Long Haul Communications	791.8	+14.6	+25.2	831.6	+13.9	+20.8	866.3
Deployable and Mobile Communications	333.3	+6.3	+3.7	343.3	+5.4	+25.0	373.7
Command and Control	**1,071.9**	**+17.9**	**-15.8**	**1,074.0**	**+18.2**	**+12.8**	**1,105.0**
National	292.2	+4.6	-81.1	215.7	+3.7	-4.8	214.6
Operational	749.3	+12.8	+33.5	795.6	+13.6	+11.5	820.7
Tactical	30.4	+0.5	+31.8	62.7	+0.9	+6.1	69.7
C3-Related	**521.2**	**+9.6**	**+22.6**	**553.4**	**+8.9**	**+116.3**	**678.6**
Navigation	54.0	+0.8	-0.3	54.5	+0.9	+16.6	72.0
Meteorology	159.2	+2.5	-3.5	158.2	+2.6	+4.6	165.4
Combat Identification	2.0	-	+0.7	2.7	-	-0.1	2.6
Information Assurance Activities	306.0	+6.3	+25.7	338.0	+5.4	+95.2	438.6
Total	**3,906.6**	**+69.6**	**-45.8**	**3,930.4**	**+70.1**	**+246.0**	**4,246.5**

Communications: Communications are an integral element of C³ and include sustaining base, long haul, and deployable and mobile forms of communications assets. Resources for sustaining base communications are almost exclusively fixed plant and installation support and provide the "backbone" and other communications infrastructure for CONUS and overseas locations. Funding for long-haul communications, largely comprised of the Defense Information Systems Network (DISN) costs, includes primarily voice and data services for all off-post connectivity, worldwide web, and other connectivity. The DISN is a combination of DoD-owned and leased telecommunications networks and subsystems comprised of equipment, services, personnel, and facilities under the management control and operational direction of the Defense Information Systems Agency (DISA). Resources for deployable and mobile communications include funding for systems and capabilities to extend communications into areas of operations, which are

primarily provided through satellite systems and other wireless transmission means and constitute moveable or transportable communications. The FY 2003 budget request reflects a price increase of $43.0 million and net program increase of $116.9 million (+5.0 percent) over the FY 2002 funding level. The following are the significant changes:

- The Army's budget request includes real program growth of $62.4 million, which includes $56.6 million for DISA Tier-One services that will be transferred in execution. The increase also provides for increased communications resources for the U.S. Recruiting Command to support the Army's accession mission ($+4.3 million). The Army Guard and Reserve requests include a $22.3 million reduction in sustaining base communications costs.

- The Navy's budget request includes real program growth of $72.0 million, which includes $54.4 million for DISA Tier-One services that will be transferred in execution. The increase supports the establishment for the Naval Network Warfare Command and increases in Fleet requirements ($+4.7 million). The budget request also includes a $+12.9 million increase for 1) software technology refreshment necessary for introducing network protocol implementation to the submarine fleet; 2) increases for Joint Tactical Radio Systems (JTRS) and Global Broadcasting Service (GBS); 3) carry on tools for deploying independent duty Information System Security Officers (ISSO's); and 4) increased connectivity and real-time access to sensitive and critical databases

- The Air Force's budget requests includes real program growth of $140.4 million, which includes $52.0 million for DISA Tier-One services that will be transferred in execution. The additional $80.0 million is requested for defensive information operation improvements in base and service wide communications including 1) expanding the Secret Internet Protocol Router Network (SIPRNET), 2) providing 24-hour coverage of base network control centers, 3) improving information assurance training and implementation of higher-speed firewalls and common access card technology and 4) increasing the Air Force transition of the Public Key Infrastructure (PKI) system from Research Development Test and Evaluation to sustainment

- The Defense Information Systems Agency budget request includes a real program decrease of $148.7 million, which includes $163.0 million for Tier-One services, which will be transferred to DISA from the Components in execution. This decrease is partially offset by increases for implementing service contracts to enhance long-haul communications support to the Commanders in Chiefs (CINCs) ($+14.3 million).

Command and Control (C2): This category represents the facilities, systems, and manpower essential to a commander for planning, directing, coordinating, and controlling operations of assigned forces. These command and control capabilities cover the National Command Authority, through the joint operational and theater level echelon, and down to the front-line tactical elements. Additionally, this category includes funding for the Defense portion of the National Airspace System and other air traffic control activities.   The FY 2003 budget request reflects price growth of $18.2 million and a net program increase of $12.8 million (+1.2 percent) over the FY 2002 funding level. Major changes include:

- The Army's budget request includes real program growth of $0.7 million which supports increased contractor support to expand help desk operating hours and desktop repairs.

- The Navy's budget request includes real program growth of $8.2 million includes a $2.1 million increase for Command and Control systems used by the National Command Authorities (NCA) and a $6.1 million increase to establish the Navy as executive agent for *Radiant Mercury* and for increased Deployable Joint Command and Control systems.

- The Air Force's budget requests includes real program growth of $2.5 million that supports continued operations of the Improved Emergency Messaging Automated System (IEMATS) as the follow-on system whose deployment has been delayed.

- The Defense-Wide budget request includes real program growth of 1.4 million, which predominately supports increased technical and administrative support for Network Operations and Security Centers (NOSCs).

C3-Related: This category includes various programs and functions related to and supportive of communications, command, and control requirements and includes both communications security and computer security. Included are communication resources to support navigation, meteorological reporting, combat identification that provides positive identification of friendly forces to prevent fratricide, and information assurance to protect information systems against denial of service and unauthorized (accidental or intentional) disclosure, modification, or destruction of the information system or data. The FY 2003 budget request reflects price growth of $8.9 million and a net program increase of $116.3 million (+20.7 percent) above the FY 2002 funding level. The significant changes include:

- The Army's budget request includes real program growth of $57.6 million principally to support enhanced Information Assurance initiatives including improved Computer Network Defense (CND) Global Monitoring and Defense-in-Depth processes ($+18.4 million); 2) the establishment of two additional Regional Computer Emergency Response Teams (RCERTs) and the expansion of the central Army Computer Emergency Response Team (ACERT) ($+21.7 million); 3) increased information security to support antiterrorism and force protection requirements ($+13.0 million); and 4) continued work in the Biometrics Information Assurance Program ($+1.1 million).

- The Navy's budget request includes real program growth of $11.0 million to support NMCI Information Assurance requirements and the Navy Computer Network Defense Task Force Command.

- The Air Force's budget requests includes real program growth of $34.2 million that supports improvements to Air Traffic Control systems including installation and integration of equipment upgrades to Air Traffic Control towers such as digital voice data recorders, improved display terminals, and better training simulators ($+16.7 million); enhanced meteorology support ($+2.0 million); and significant upgrades for Information Assurance Initiatives ($+15.6 million).

- The Defense Information Systems Agency budget request includes real program growth of $16.3 million, which reflects the realignment of civilian personnel from other functional areas within DISA to directly support the Agency's Information Assurance mission.