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SENATE ARMED SERVICES COMMITTEE

STATEMENT BY

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COMMANDER

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STRIKE

UNITED STATES STRATEGIC COMMAND

BEFORE THE STRATEGIC FORCES SUBCOMMITTEE

SENATE ARMED SERVICES COMMITTEE

ON MILITARY SPACE PROGRAMS

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Mr. Chairman, Senator Nelson and Members of the Subcommittee:

Thank you for this opportunity to review USSTRATCOM'S and specifically Joint Functional Component Commander Space and Global Strike's (JFCC S&GS) progress during the past year and to present our plan for the future. 2006 is a year of unprecedented change. Our ultimate goals are driving the pace of change: building strategic advantage, ensuring the security of the American people and strengthening the community of free nations.

ADAPTING TO THE NEW ENVIRONMENT - TRANSFORMING WHILE WE FIGHT

One year ago, we spoke of global interdependence and its impact on how we organize, plan and operate. We emphasized developing strong links between U.S. strategic objectives and regional operations, as our adversaries were employing asymmetric means to strike well beyond the battlefields of Iraq and Afghanistan. We also spoke of our new mission assignments and the steps we had undertaken to transform our command into an agile 21st Century organization capable of deterring our adversaries and bringing the full range of global strike, defensive, command and control (C2), and intelligence, surveillance, and reconnaissance (ISR) capabilities to bear against them if necessary. We outlined an enormous transformational effort that had to be accomplished in the context of an ongoing global conflict with active combat operations and without the luxury of an operational pause.

Throughout the last year, the men and women of USSTRATCOM have engaged in that global conflict, often employing means not visible either to the average American or to our adversaries. They met this

day-to-day challenge with professionalism and commitment while they were also restructuring our organization to focus our efforts, conserve our resources, and streamline support to other combatant commanders around the world. I come to you today gratified by the progress these fine men and women have made and energized to complete the task before us.

USSTRATCOM TRANSFORMATION VECTORS

The Department of Defense budget you enacted for 2006 enabled a string of organizational and operational successes along all of USSTRATCOM's transformation vectors.

We changed the way we are organized and operate. We implemented, and by the end of 2006 will refine, the redistributed and functionally aligned command structure described last year. This new structure is already paying off in terms of decentralized operational employment and increased operational speed.

- Our efforts resulted in four interdependent Joint Functional Component Commands (JFCCs): Intelligence, Surveillance and Reconnaissance (ISR); Network-Warfare (NW); Integrated Missile Defense (IMD) in addition to Space and Global Strike. Day-to-day operational planning and execution of specialized global capabilities now reside at the component level, where commanders are able to maintain focus on their primary mission and not be distracted by staff support activities.
- As Commander, JFCC-S&GS, I am responsible to the Commander, USSTRATCOM to integrate all elements of military power to conduct, plan, present global strike effects and also direct

the deliberate planning and execution of assigned space missions.

- One of JFCC-S&GS significant accomplishments last year was the establishment of a collaborative Joint Space Operations Center (JSpOC) to deliver select DoD space capability to U.S., Allied, and other national users. When fully operational, JSpOC will provide the full range of DoD space capabilities.

By making this unique organizational transformation we also strengthened our operational relationships with the Defense Intelligence Agency, Defense Threat Reduction Agency, Defense Information Systems Agency and National Security Agency in order to leverage the tremendous resources and capabilities resident in these organizations. Now we effectively bridge many artificial barriers to communications and information sharing, and bring enhanced combat power to the regional combatant commanders.

We made progress in our drive toward a New Triad of capabilities.

The New Triad is comprised of offensive and defensive capabilities enabled by persistent global command and control (C2), intelligence, an agile planning system, and a responsive defense infrastructure. The New Triad provides improved flexibility in dealing with a wider range of contingencies, while reducing our dependence on nuclear weapons, in order to assure our allies, dissuade competitors, and deter those who plan to harm us, particularly with WMD. Space is integral to many of the capabilities represented in the New Triad.

Efforts to improve *conventional global strike capability* focused on generating effects without being hindered by factors of time, distance, basing rights, over-flight considerations or undue risk to American

servicemen and servicewomen. Recently the Department:

- Bolstered the number of Joint Direct Attack Munitions (JDAM) in the inventory, providing all weather, precision strike in a smaller weapon footprint.
- Fielded Tactical Tomahawk (TACTCOM) and the Joint Air to Surface Stand-off Missile (JASSM), providing strike weapons that operate from ranges outside enemy point defenses.

During the past year non-kinetic capabilities became an increasingly important tool to deny our adversaries the opportunity to communicate easily or to manipulate information in ways that further their efforts to undermine stability around the world. We seek better non-kinetic capabilities to improve our freedom of action at the lowest level of conflict; to enhance deterrence; and support the sustained ability to use our networks while denying the adversary a similar capability. In this area we:

- Expanded development of the applicable tactics, techniques, and procedures to support use of information and networks - cyberspace - as an environment for integrated exploitation, offensive, and defensive operations.
- Improved integration of non-kinetic effects into operational planning, on a limited basis, in support of forces involved in the Global War on Terrorism.

The President has committed the United States to sustaining a credible nuclear deterrence capability with the lowest possible number of nuclear weapons consistent with national security. USSTRATCOM'S task is to ensure our nuclear force remains ready to meet any

contingency while the nuclear stockpile remains safe, secure, and reliable as we prudently achieve the thresholds specified in the Moscow Treaty. To this end we:

- Sustained a safe and reliable nuclear stockpile in cooperation with the national laboratories and the National Nuclear Security Administration (NNSA).
- Took steps to improve the security and safety of the deployed nuclear force.
- Retired the last Peacekeeper Inter-Continental Ballistic Missiles (ICBM) from service.
- Reduced the number of operationally deployed strategic nuclear warheads on the Minuteman III ICBM force.
- Transferred the final ballistic missile submarine scheduled for reconfiguration to carry conventionally armed cruise missiles.

At the heart of the New Triad are the key enablers of command and control, intelligence, and planning. Through these enablers, and our broad array of space capability, we create the agility to respond to a wide range of global challenges. During 2006 we will:

- Evolve the renovated USSTRATCOM Global Operations Center to enhance collaboration among all geographically distributed STRATCOM elements - defining the first step toward a Global C2 capability for all New Triad forces.
- Complete preparations for opening the first node in a network of ground entry points designed to serve a nationally distributed ground, air and sea network capable of providing

the diverse connectivity requirements of the New Triad and DoD support to a broader national command capability using all elements of national power.

- Capitalize on the longer dwell time of unmanned and unattended sensors to produce greater persistence in Global War on Terrorism operations.
- Initiate a pilot program to determine essential global strike command and control services with an explicit objective of delivering a distributed, collaborative product. The pilot program will take advantage of the Department's Data Strategy, which calls for visible, accessible and understandable data, and uses Services Oriented Architectures (SOA) to promote flexibility and agility.
- Initiate efforts to transition from a limited space surveillance architecture to a more fully integrated terrestrial and space-based approach to situational awareness.

Improve Space Capabilities. The space mission area creates a decisive strategic advantage for our national security, empowering critical economic as well as defense related activities. Our dependence on space capabilities, coupled with recent significant advances in space operations demonstrated by others, establishes a true imperative to protect our space assets and our freedom of action in space.

USSTRATCOM understands the need to stay at least one technology generation ahead of any foreign or commercial space power. We must improve space situational awareness and protection, and ensure unfettered, reliable, and secure access to space. Key initiatives include:

- Improve responsive space access, satellite operations, and other space enabling capabilities such as the space professional cadre.
- Integrate air and space capabilities to deliver combined effects.
- Realign resources to sustain existing space surveillance capabilities.
- Improve warfighter access to the nation's full spectrum of space capabilities.

USSTRATCOM REQUESTS YOUR SUPPORT TO MEET THE CHALLENGES WE FACE

Over the next five years, we must fully transform while remaining engaged in a conflict in which our enemies will use any and all means to achieve their objectives. We believe a more aggressive transformation schedule than envisioned five years ago is essential to maintain the strategic advantage needed to deter or defeat those who would do us harm. If we do not accelerate this transition, we will face these adversaries, who attack through asymmetric means, with the blunt weapons of last resort that won the Cold War. That alone will not preserve our future national security. In particular we are requesting your support in the following areas:

Prompt, Precision Conventional Global Strike. Tailored deterrence requires a more complete range of capabilities to address the wide spectrum of challenges that confront us today. While the Department employs expeditionary forces around the globe, it is unlikely we will have forces in every place we need them at the crucial moment when we have an opportunity to stop a WMD-armed threat far from our shores. The United

States has the capability to engage with high quality conventional forces around the world, given days or perhaps weeks to respond. But if our general-purpose forces are not in a position to respond rapidly, the need to defeat attacks against the United States may require USSTRATCOM to interdict fleeting targets at global ranges. We have the delivery capability on alert today, but configured only with nuclear weapons. This choice is not credible against many of the extremist adversaries we will face.

We recommend proceeding with development of the responsive, conventional global strike alternative offered by the Conventional Trident Modification (CTM). The President's budget request includes funds for the modification of a number of submarine based Trident Missiles to deliver conventional warheads with precision over thousands of miles in tens of minutes.

Global Command and Control (GC2). We are now faced with the task of recapitalizing our aging, Nuclear Command and Control (NC2) network, which is a matter of prime importance. Capitalizing on advances in technology, we envision a transition from the single-purpose, stove-piped NC2 network that served us during the Cold War, to a multi-functional, distributed, survivable, and expandable Global Command and Control capability, leveraging the assets and resources of the Global Information Grid and serving the needs of our joint war-fighters.

With your support for the President's budget request, we can deliver a resilient air, land, and maritime GC2 capability that will tie together all elements of New Triad power. Fully developed, the GC2 will enable collaboration between, and among, DoD and other government agencies and partners, providing the core of a National Command

Capability to meet the broadening array of potential challenges we face as a nation. A true National Command Capability will only be effective with federally mandated standards for data tagging to facilitate enhanced information sharing.

Reliable Replacement Warhead (RRW). Finally, if we are to break the cycle of maintaining and refurbishing large numbers of Cold War-era nuclear warheads to guard against uncertainty, we request your support to ensure a safe, secure, reliable nuclear stockpile, and in the process transform the nuclear weapons enterprise. Discussions over the past year within the Executive Branch and Congress have increased understanding of the role for nuclear weapons in our current environment, and the value of a responsive defense infrastructure. USSTRATCOM supports the Reliable Replacement Warhead (RRW) as the key to transforming our aging Cold War nuclear weapons stockpile. RRW will enhance our long-term confidence in the stockpile and reduce the need to retain high numbers of hedge weapons while exercising the people, science, technology base and facilities required for sustaining the nuclear weapons enterprise.

Maintaining the current stockpile of Cold War era weapons is a challenge. If directed, we believe the time is right; the risk is manageable; and the opportunity is at hand to choose weapons that will best serve our future and allow us to further reduce our overall stockpile size, in order to transition to and maintain a smaller but safer, more secure, and more reliable nuclear weapon arsenal.

USSTRATCOM TRANSFORMATIONAL VECTORS BUILDING STRATEGIC ADVANTAGE

USSTRATCOM plays an important role in leading national efforts to

send an unambiguous message to our adversaries and friends alike - we will do whatever it takes, for as long as it takes, to ensure the forces of freedom possess a lasting strategic advantage against those who would deny citizens of America and the world the security to govern their own future. We will continue to be aggressive and resourceful in offering our best advice in the pursuit of capabilities needed to meet our national security requirements. With your help we can assure our allies, dissuade unhealthy competition, deter coercive or damaging acts, and above all else, defend our citizens and defeat our enemies. Thank your for your continued support.