

The Recon - October 31, 2003

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(U) JEDHI makes major milestone

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(U) GWAN users can learn more about the JEDHI program, by reading Return of the JEDHI: Ground-breaking project resumes in the May 31, 2002 edition of the Recon.

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~~(S)~~ [Redacted]

~~(S)~~ The House and Senate Appropriations Committees recently passed legislation that provides additional funding to the Department of Defense and the Intelligence Community in support of Iraq and Afghanistan security and reconstruction initiatives. [Redacted] thoroughly debated across the government and discussed extensively in the news media, is awaiting final coordination between House and Senate negotiators and must then be signed by the President. The package passed by both the House and the Senate [Redacted] These funds are in addition to Fiscal Year (FY) 2004 f(b)(1) already appropriated to support core NRO requirements during this current fiscal year. (b)(3)



~~(S)~~ [Redacted]

On Oct. 1, 2003, NRO Director Peter Teets supported Director of Central Intelligence George Tenet during a hearing before the Senate Appropriations Committee where the IC's request was discussed. There are minor Congressional adjustments to where some of the IC funds will be allocated, but none of the NRO funds were affected. We fully anticipate the arrival of these funds shortly after the President signs this Supplemental Appropriations Bill. The Resource Management office within Business Plans and Operations will work directly with the comptrollers when the funds become available.

~~(S//TK)~~ The NRO portion of the supplemental appropriation consists of funding for [Redacted]

[Redacted] A significant portion of the money will be used to continue initiatives started under previous FY supplemental budgets and to maintain the NRO's operations tempo in support of intelligence activities worldwide.

(U) Congressional action to provide these additional funds caps an outstanding effort across all elements of the NRO to conceive and prioritize projects and capabilities that the NRO can bring to the fight. Innovative thinking, unrelenting effort to protect those in harm's way, and leveraging existing capabilities in ways not imaginable when the systems were designed are attributes inherent to decades worth of successes here in the NRO. This year's supplemental provides funds to put these attributes to work in solving the nation's most pressing problems and in protecting those on the front lines. Well done!

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The Recon - October 31, 2003~~SECRET//TK.~~**(U) NROC takes preventive measures against solar storm**

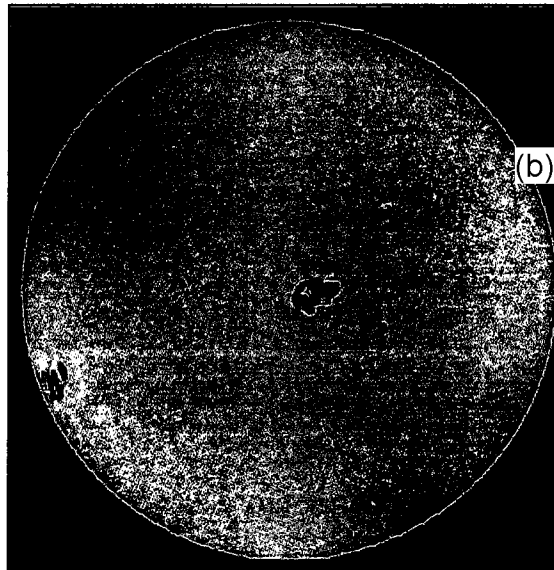
(U) Space weather refers to conditions caused by the sun and the solar wind in the Earth's magnetosphere, ionosphere, and thermosphere. National security and commercial space systems rely on space and ground systems that can be susceptible to failure or degraded performance due to extreme space weather conditions. Space weather can adversely affect satellite operations, communications, [redacted] ground-based radar, navigation, high altitude manned flight, and electrical power distribution grids. Such conditions can disrupt National Security operations and cause economic losses in both systems and services.

(U) One type of space weather condition caused by the sun is a solar flare. A solar flare is an explosive release of stored energy and particles from the complex magnetic field regions on the surface of the sun. Energy released by the flare (e.g., X-rays, photons) travels toward the earth at the speed of light, arriving at Earth about eight minutes after the flare's explosion and typically lasting for a couple of hours. Solar wind energetic particles (protons, electrons) arrive in 15 minutes. Solar wind (charged particles) arrives in two to three days.

~~(S)~~ Over the past seven days the Air Force Weather Agency has advised NROC of a Solar Flare Geophysical event that is far above normal levels. Events of this magnitude may degrade HF/UHF communication and can cause single event upset on space vehicles and affect vehicle command and control. It can also cause spacecraft charging, sensor contamination, radio frequency interference and/or affect intercept capability.

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(U) Up-to-date Space Environment information is available on the Internet at www.adf.npa.gov/weather/space.html. Additional information can also be found on the Joint Air Force & Army Weather Information Network.

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The Recon - October 31, 2003~~UNCLASSIFIED//FOUO.~~**(U) Emergency preparedness test conducted at Westfields**

(U) The Office of Security (OS) and Management Service and Operations (MS&O) successfully conducted two emergency management exercises in Jul. and Oct. Both tested various emergency protective measures and alert methods to validate and improve Westfields emergency procedures. While the workforce normally participates only with their feet, that only scratches the surface of these multifaceted events.

(U) The exercises, part of the Comprehensive Emergency Management Program (CEMP), used different scenarios and exercised the capabilities of OS, the Crisis Management Team (CMT), force protection, logistical support, and senior leadership decision-making. The scenarios called for tests of procedures, systems, and job aids including alert and notification methods; securing the compound; and other response mechanisms.

(U) The Jul. 24 exercise ordered Westfields personnel to evacuate and assemble at designated Rendezvous Points in response to a simulated electrical fire in Tower 1. As part of the exercise, the CMT met in their back-up location to manage the consequences of the incident, making decisions regarding fire verification, damage assessment, support for fire-rescue personnel, and communication with evacuated personnel.

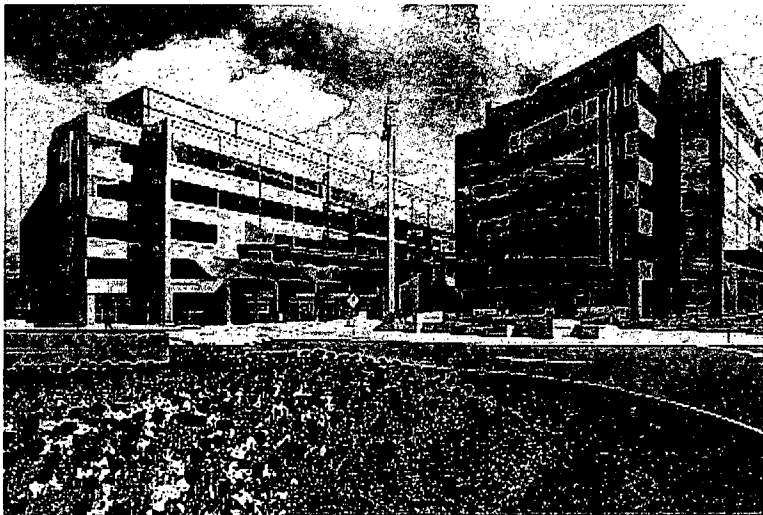
(U) Comments received from an on-line survey of Westfields personnel after the Jul. exercise had a positive impact on the planning for the most recent and future exercises.

(U) The Oct. 24 exercise scenario involved a delivery van containing an explosive device entering the employee entrance gate. After a canine officer detected the simulated bomb, OS and MS&O were notified, and the CMT was immediately activated and ordered protective measures.

(U) Because it is sometimes safer to keep employees inside a facility, the Oct. exercise used a scenario involving internal relocation and sheltering-in-place. Towers 1 and 2 were internally relocated and Towers 3 and 4 sheltered-in-place, based on a quick analysis of blast zones and risk to personnel.

(U) Although the workforce's portion of the exercise was intentionally kept short—16 minutes—because of survey feedback, security and emergency management elements continued with the remainder of the exercise.

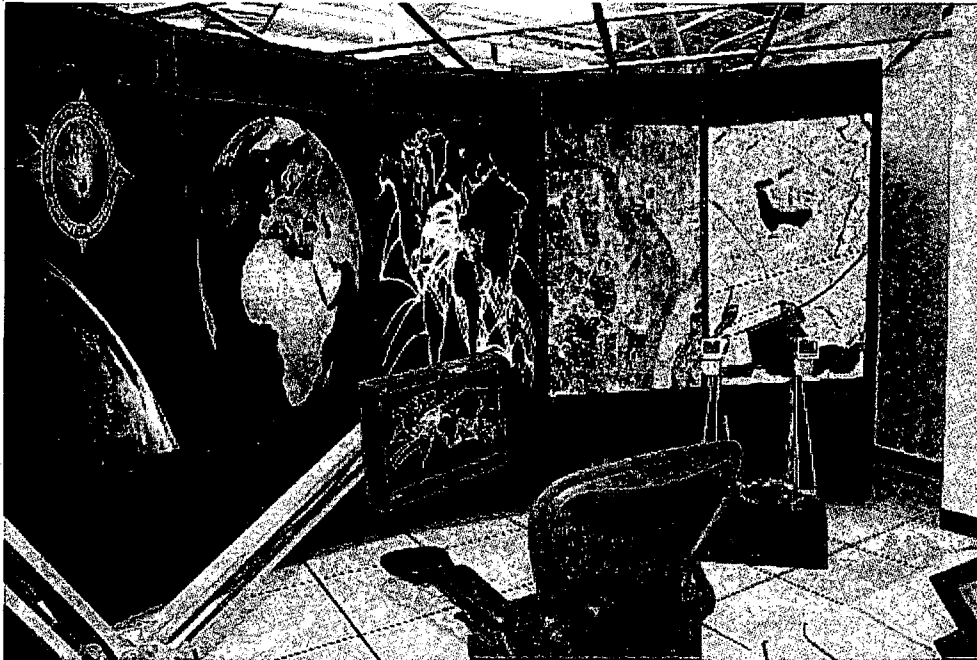
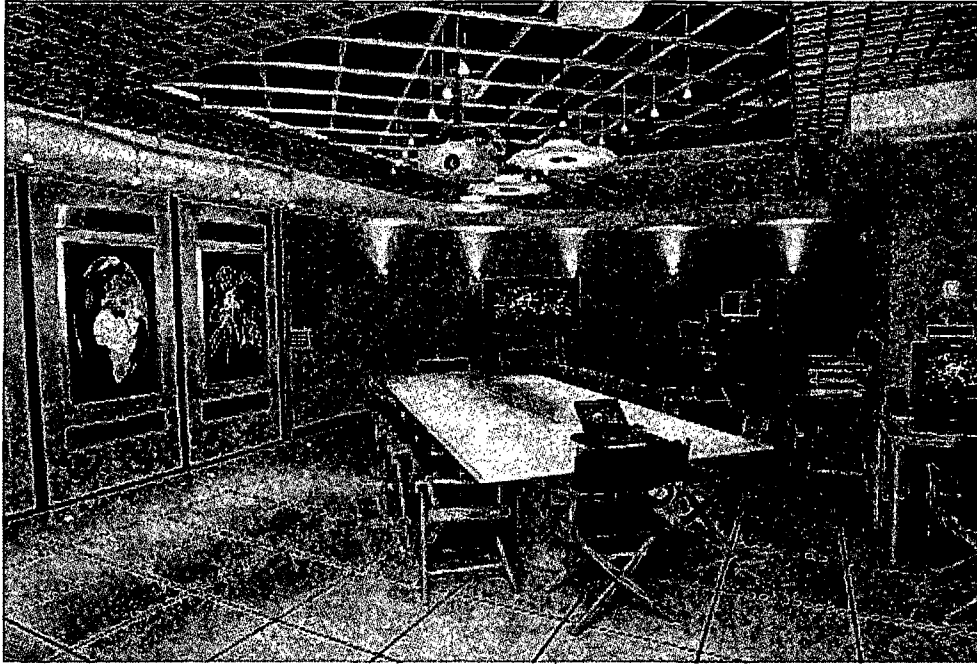
(U//FOUO) Preparedness at work should also include a review of personal emergency preparedness plans, including an up-to-date emergency contact list and personal disaster kit at home. For additional information about emergency preparedness at work or at home, please visit the [Security Status/Emergency Preparedness link](#) on the Byeway homepage.

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(U) AS&T Futures Lab: *The place to challenge technological limits*



(U) Secreted away in the dark bowels of NRO is a laboratory where experiments are taking place. In this place there are no white lab coats, smoking beakers, or body parts floating in glass jars. Here, in the Advanced Systems and Technology Directorate's Futures Lab, a place of mad scientists and hunched-backed assistants are usual-looking scientists and engineers pushing the limits to accomplish unusual and innovative feats in technology.

(U) The Futures Lab was created by AS&T as a venue in which to perform innovative research and provide cutting edge multi-media presentations for senior decision-makers in support of NRO transformation. It is an environment in which the NRO and others can explore new and revolutionary paradigms to develop faster and significantly lower cost assessments of innovative collection and

processing concepts, design new space-based sensors, and create new capabilities to ensure information superiority in support of national security objectives.

(U) The Futures Lab provides a risk-tolerant environment where research teams can leave the paradigms of today behind and experiment with innovative concepts that pursue NRO transformational goals," said [redacted] Director, Systems Engineering, (b)(3) AS&T.

(U) Inside this unique laboratory is a multi-level classified environment that houses state-of-the-art hardware and software, high-end visualization capabilities and data access to support research and development. The Futures Lab offers connectivity to nodes throughout the AS&T Tech Enterprise and the IC Research and Development (R&D) community via Wideband Area Networks (WANs). These WANs enable the lab to be a part of a nationwide virtual laboratory that has wideband access to live, streaming operational data including unprocessed, partially processed, and/or reported data from national collectors.

(U) The laboratory allows researchers to experiment with operational data sets without disturbing operational data distribution systems and without necessitating travel to the various NRO Mission Ground Stations (MGSs). This reduces the cost of experimentation for the researcher and reduces support costs (for personnel and equipment) at the MGSs. For example, one current research program is testing its algorithms within the Futures Lab and scoping the size of the processor and data feeds required before ever setting foot at the MGS where the final system will reside.

(U) Given its high tech environment, the Futures Lab equips users to perform a range of activities including but not limited to (1) exploration/demonstration of advanced concepts to solve customer problems, (2) integration of advanced concepts into operations via spiral development and rapid prototyping, (3) supporting operations research and analysis efforts, and (4) providing high-end multi-media presentations of new system concept studies to senior decision-makers.

(U) Although the Futures Lab is available to the NRO, its mission partners, and the Intelligence Community at large, experiments and demonstrations to be conducted within the lab must meet certain key requirements. Activities must, for example, meet NRO strategic goals and objectives, foster technical innovation and require the unique computational, visualization and collaborative capabilities of the lab. Projects must potentially benefit the IC, NRO, and/or AS&T's Tech Enterprise. Most importantly, research within the Futures Lab must potentially transform the future of the NRO.

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(U) Futures Lab tours are conducted monthly. To learn more about the Futures Lab and its capabilities or to register for a tour of the facility, contact [redacted] Futures Lab Program Manager, via GWAN or call [redacted]. To submit a research proposal, contact [redacted] Futures Lab Research Coordinator, via GWAN or call [redacted]. (b)(3)

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(U) FBI speaker to discuss role of technology in war against terrorism

(U) [redacted] from the Federal Bureau of Investigation will speak at Westfields about a new FBI program to modernize and integrate 177 counter-terrorism and counter-intelligence databases on Fri., Nov. 14 at 9 a.m. in the Jimmie D. Hill Auditorium. All NRO personnel are invited to attend. The Secure Collaboration Operational Prototype Environment (SCOPE) Program focuses on collaboration, sharing information and knowledge management in support of counter-terrorism and counter-intelligence organizations. This presentation is sure to be of interest to many NRO personnel, as the NRO is currently in the process of implementing many of the same initiatives.

(U) [redacted] is a retired USAF colonel who is now leading the SCOPE program. [redacted] is also the former project manager for the Joint Intelligence Virtual Architecture Program (JIVA). JIVA reviews and selects collaborative, analytical, and production tools to ensure accurate, relevant, and timely access to intelligence data across multiple layers and domains. The JIVA Office selected and supports NRO's Information Work Station.

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(U) BGen Halter to AFCEA: Military ops benefit from reconnaissance



(U) Brigadier General Irving Halter, Deputy Director for Military Support, spoke at the Armed Forces Communications & Electronics Association Fall Intelligence Symposium on Oct. 22. He addressed the question of whether national reconnaissance affects military operations. Drawing upon examples from the most recent operations in Iraq, BGen Halter argued that support to the warfighter improved significantly between Operation DESERT STORM and Operation IRAQI FREEDOM. He also noted that because of the significant impact that NRO resources have had on military operations, the NRO, its Mission Partners, the Services, and the Combatant Commands must continue to cultivate cooperative relationships.

(U) Four other senior officials from the Intelligence Community participated in the second symposium session. Former Major General Dean Cash of the United States Army spoke about the demands that effects-based operations place on intelligence. Dr. Lawrence Gershwin, the National Intelligence Officer for Science & Technology, examined the war between intelligence collection and deception, denial and concealment. Finally, Ambassador Hugh Montgomery, who is the Special Assistant to the DCI on Foreign

Intelligence Relationships, discussed the feasibility of the United States sharing its intelligence with coalition military operations, while continuing to protect its sources and methods. Mr. Edward Stephens, Chief, Directorate of External Relations in the Foreign Exchanges & Disclosures Office at the Defense Intelligence Agency, joined the speakers on a Question & Answer panel.

(U) Dr. Robert McDonald, Chief of the Center for the Study of National Reconnaissance at the NRO and a member of the AFCEA Intelligence Committee, moderated the second session.

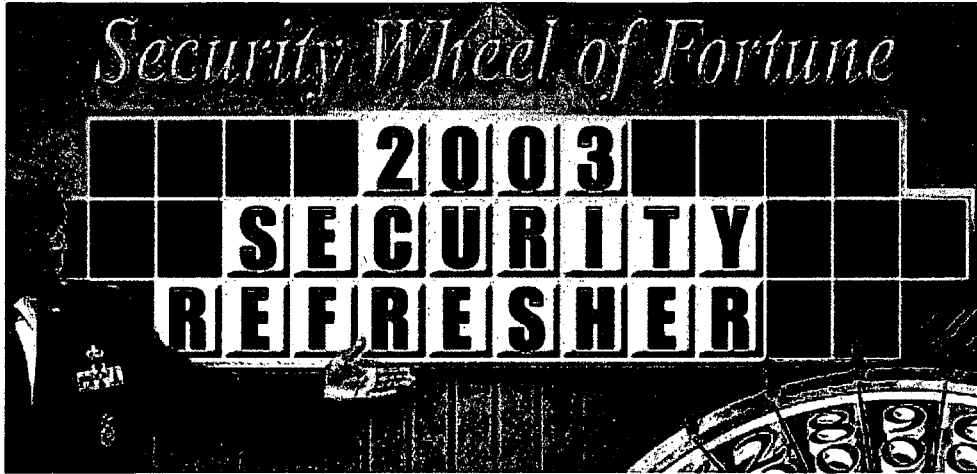
(U) The mission of the Armed Forces Communications & Electronics Association (AFCEA) is to facilitate discussions and encourage cooperative relationships among civil government agencies, the military and industry. The association strives to fully represent the top government, industry, and military professionals in communications, electronics, intelligence, information systems, imaging, and multi-media.

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(U) Security's *Wheel of Fortune* course is now available



~~(U//FOUO)~~ The 2003 Security Refresher *Security Wheel of Fortune* is now available for the taking until Dec. 31. This annual refresher course is **mandatory** for all blue and green badge holders at ACE Avion and the Pentagon Suite.

~~(U//FOUO)~~ The *Security Wheel of Fortune* is a computer-based course available on the GWAN. Security will post the highest scores daily in the daily announcements on the Byeway.

(U) For more information, call Security at or

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(U) Define career success at Lunch & Learn Workshop

(U) NRO's Asian Pacific American and Native American Councils will sponsor a Lunch & Learn Workshop entitled, **Defining Your Own Career Success** on **Mon., Nov. 10th**, from 11:30 a.m. - 1:00 p.m. in C114A. The workshop is apart of the CIA's Employee Excellence Program. Lunch & Learn Workshops offer employees the opportunity to take time out for an informative seminar at lunch time, thereby avoiding an interruption to the work day. The sessions are interactive with straight talk that focuses on the Agency mission.

(U) The objectives of the Defining Your Own Career Success workshop include acquiring and capitalizing on the key successes that make or break careers. Attendees will learn about having a written strategy to take advantage of the many in-house opportunities available to help obtain their career objectives. Upon completion of this course, active participants will be able to:

- Define the appropriate appearance and style for the workplace,
- Identify ways to be more visible within the organization,
- Describe the unwritten rules of success in the workplace,
- Describe how leadership works at different levels of the organization,
- Develop a personal success action plan, and
- Explain the proper use of influence.



~~(U//FOUO)~~ Although this workshop focuses on the particular needs of CIA employees, it is open to all interested NRO personnel. Participants are encouraged to bring lunch. Seating is limited. To register, please call at

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(U) Open Season Health Insurance Fair is Nov. 12th



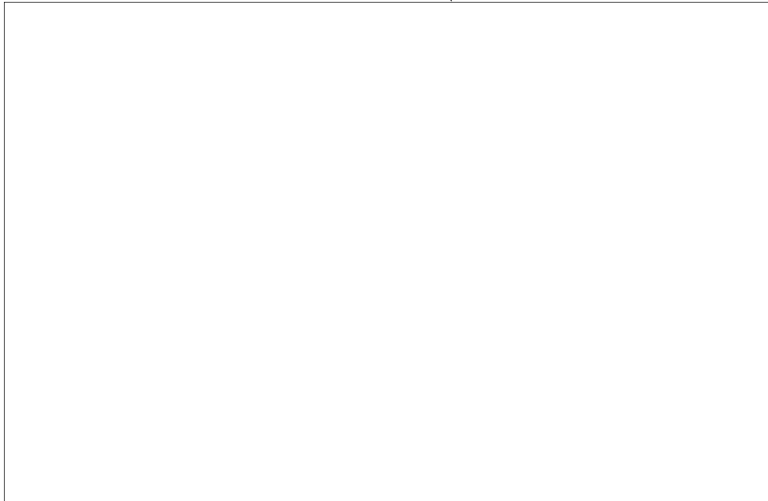
(U) There will be an **Open Season Health Insurance Fair** at Westfields for all government employees on **Nov. 12** in the Jimmie D. Hill Auditorium from 10 a.m. to noon. Materials from various health plans will be available at that time. The health fair is in anticipation of **open season, Nov. 10 through Dec. 8**, when employees will have the opportunity to change or select their health insurance plans.

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(U) NRO Family Day deemed a success!



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(U) With 3,000 people in attendance, it was another great year for Family Day 2003. This year, the theme was Space is the Place. To see photos of those who attended and the fun they had, take a look at photos in the *Recon* Photo Album.

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(U) Donations sought for hospitalized service personnel

(U) Many soldiers injured in support of recent Operations in Afghanistan and Iraq are being treated at the Walter Reed Army Medical Center in DC. In order to make their stay at the hospital a more pleasant experience, the NRO's Enlisted Advisory Council (EAC) is sponsoring a collection drive from Nov. 3rd to Nov. 7th for the following items:

- Pre-paid telephone cards
- Comfortable clothes, i.e.) new packs of tee-shirts, shorts, socks, sweat pants, shower shoes, etc.)
- Luggage on wheels
- Stationary or note cards with stamps
- No food items please



(U) Collection bins will be located with Westfields at the Main Entrance, Tower 4 (first floor entrance) and Towers 1 & 2 (first and second floor entrances). All donated items will be delivered directly to the Walter Reed Army Medical Center.

(U) EAC thanks donors in advance for helping NRO say "thank you" to their fellow servicemen. For more information, please contact

[redacted] at [redacted] [redacted] at [redacted] o [redacted] at [redacted]

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(U) Third quarter employees for 2003

(U)The Directors of DDMS, DDSE, IMINT, OSL, MSO and SIGINT are proud to announce the Employees of the Third Quarter, July-September 2003, congratulations!

DDMS	OSL
	MS&O
	SIGINT

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DDSE	SIGINT
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IMINT

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(U) Vigilant Eagle AFSC selectees

(U) Air Force Space Command (AFSC) is pleased to announce the Vigilant Eagle (VE04) Operations Squadron Commander Selection List. The VE04 selects Air Force Lieutenant Colonels and Lieutenant Colonel (selects) for vacant squadron commander positions with-in the NRO and AF Space Command. Selection to a squadron commander position is highly competitive and is only offered to the Air Forces best and brightest.



~~(U//FOUO)~~ The employee SQ/CC Selects are:

[Redacted box]

~~(U//FOUO)~~ The Alumni SQ/CC Selects are:

[Redacted box]

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(U) OHR to pilot NRO Census

OHR

office of human resources

(U) The Office of Human Resources is developing a "Census" for NRO government employees. A pilot program is currently being conducted. This census will capture important biographic data, as well as educational background and emergency contact information. The Census will improve data integrity for our NRO corporate database and assist senior NRO managers with workforce planning. Current plans call for a phased deployment to each Directorate and Office during the months of December and January.

(U) Please stay tuned for further information. Instructions will be provided to each government employee via GWAN email.

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(U) SecNav to speak at NRO Fall Ball

(U) This year's guest speaker for the NRO Fall Ball on Fri., Nov. 14 at the Sheraton Premier Hotel in Tyson's Corner, Virginia is Gordon England, Secretary of the Navy. All NRO personnel and their guests are invited to attend.

(U) Tickets prices are as follows:

- \$40K & below \$ 35.00 (b)(3)
- \$41 - 55K \$ 50.00
- \$56-75K \$ 60.00
- \$76K & above \$ 70.00

(U//~~FOUO~~) To purchase a ticket, please contact a directorate level point of contact, listed as follows:

SIGINT [redacted] at [redacted] and [redacted]
a [redacted]

DDSE: [redacted] at [redacted]

DDA [redacted] at [redacted]

AS&T: [redacted] a [redacted]

D [redacted] a [redacted] at [redacted]
[redacted] and [redacted] at [redacted]

IMINT: [redacted] at [redacted] and [redacted]
[redacted] a [redacted]

COMM [redacted] at [redacted]

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NATIONAL RECONNAISSANCE OFFICE

FALL BALL

FRIDAY, 14 NOVEMBER 2003
SHERATON PREMIER HOTEL | TYSONS CORNER, VIRGINIA

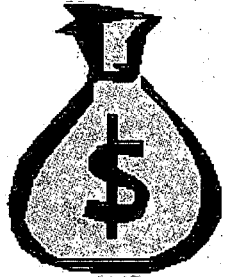
1900 COCKTAILS
2000 DINNER
Filet Mignon and Chicken
Vegetables/Potato
Coffee/Tea/Dessert

Cash bar during cocktails and dancing

ATTIRE
CIVILIANS
Black Tie
OFFICERS
Formal Military Attire
ENLISTED
Formal or Semi-Formal Military Attire

The Recon - October 31, 2003**UNCLASSIFIED.****(U) NRO Awards Program narrows monetary awards criteria**

(U) Fall marks the beginning of award season at the NRO for civilian and military personnel. NRO managers are currently in the process of issuing annual monetary awards. This year under the guise of the revised NRO Awards Program however, only a few select employees will receive such awards. Revisions to the program narrowed the selection criteria for monetary awards so that only the highest performers will be recognized. The Sentinel Award for example, will recognize only 35 percent of civilian employees. The allocation for this tier-award is based upon authorized positions instead of the number of employees assigned. As a result, 3, 15 and 20 percent of recognized employees will receive \$5,000, \$3,000 and \$1,000 awards respectively. This criteria does not apply to non-monetary awards such as the Director's Circle Award. The Director's Circle Award will maintain its historic award levels a two percent or rather 65 recipients.



(U) For more information about the NRO Awards Program, please see the NRO Awards Handbook on the Office of Human Resources website.

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(U) CIA personnel promotions

~~(S//TK)~~ The following is a list of recently promoted CIA personnel from the Office of Human Resources.

GS-07 to GS-08

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GS-08 to GS-09

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GS-13 to GS-14

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