



MARSHALL STAR

Serving the Marshall Space Flight Center Community

Sept. 22, 2005

NASA releases plans for next generation spacecraft

From NASA Headquarters

NASA Administrator Michael Griffin Monday released the results of the agency's exploration architecture study — a blueprint for the next generation of spacecraft to take humans back to the moon and on to Mars and other destinations.

The study makes specific design recommendations for a vehicle to carry crews into space, a family of launch vehicles to take crews to the moon and beyond, and a "lunar mission architecture" for landing on the moon. It also recommends the technologies NASA should pursue in the near term.



Artist concept by John Frassanito and Associates

See Spacecraft on page 4 NASA's new crew exploration vehicle in Earth orbit.

NASA to resume work at Michoud

Three weeks after Hurricane Katrina struck, recovery efforts at Michoud Assembly Facility in New Orleans are progressing more quickly than anticipated, and NASA officials plan to keep space shuttle external tank work there.

Even as the Marshall Center's Relocation Assistance Center continues to help displaced NASA employees and families from Michoud and Stennis Space Center near Gulfport, Miss., the sprawling Michoud facility where the external fuel tanks are made has regained power.

Temporary repairs have been made to damaged buildings.

NASA had explored the option of moving some tank work to Kennedy Space Center, Fla., but officials determined Michoud would already be operational by the time Kennedy's facilities were outfitted to do the work. NASA is now assessing the workforce needed to start and maintain minimal operations at Michoud.

The main priority will be to ensure temporary housing for NASA civil servants and contractors whose homes were

Marshall relocation center aiding displaced employees

More than 80 employees and contractors of Michoud Assembly Facility and Stennis Space Center — approximately half of those expected to relocate to the Huntsville area in the wake of Hurricane Katrina — have visited the Marshall Center's Relocation Assistance Center.

Opened Sept. 8 in Building 4200,

See Michoud on page 5

See Relocation on page 5

Festivities and fund raising take center stage at Combined Federal Campaign kickoff

By Sherrie Super

Festivities and fund raising took center stage Tuesday as hundreds of Marshall and Redstone Arsenal employees attended the kickoff for the Combined Federal Campaign (CFC) — an annual effort by federal employees and military personnel to raise money for local charities.

With some sporting CFC T-shirts, and others in attire reminiscent of the 1960s and 1970s, attendees showed their support



Photo by Doug Stoffer

Lindsey Jones, 9, sings the national anthem at the kickoff event. A cancer survivor, she is the daughter of Keith and Terry Jones.

for the effort, which helps fund charities and agencies in Huntsville and surrounding areas.

This year's Marshall campaign, entitled "Compassion In Action," runs through Nov. 11.

"Marshall's fund-raising goal is \$575,000, nearly one-third of the \$1.8 million goal for the entire Tennessee Valley campaign," said Rosa Kilpatrick, the Marshall Center's federal coordinating committee member for the Tennessee Valley Campaign. "And if the enthusiasm shown today is any indicator, we're ready to meet the challenge."

At the NASA picnic area, the celebration began with the national anthem, sung by Lindsey Jones, a 9-year-old cancer survivor and daughter of Keith and Terry Jones. Terry is a management support assistant in the Propulsion Systems Development department



Photo by Doug Stoffer

From left, CFC campaign leaders include the Marshall Center's Robert Newton; Marshall Associate Director Robin Henderson; Maj. Gen. Jim Pillsbury, commander of the U.S. Army Aviation and Missile Command; and Rosa Kilpatrick of the Marshall Center.

at the Marshall Center. Other highlights included a classic Corvette show and the chance to win door prizes.

Later, an agency fair gave Marshall employees — along with participants from Redstone Arsenal and the other 34 area federal agencies — an opportunity to learn about 82 local charitable organizations that will benefit from this year's campaign.

The writer, an ASRI employee, supports the Public and Employee Communications Office.

NASA names William Parsons director of Stennis Space Center

NASA named William "Bill" W. Parsons as the new director of NASA's John C. Stennis Space Center in Mississippi — effective immediately.

Parsons succeeds retired U.S. Navy Rear Adm. Thomas Donaldson. Parsons returns to the position he held prior to becoming space shuttle program manager in May 2003.

As space shuttle program manager, Parsons led the Return to Flight activities for NASA and played a major role in the recent success of the Discovery STS-114 mission. His first stint as Stennis center director came in August 2002. He was first assigned to Stennis in 1997, as the chief of operations of the Propulsion Test Directorate.

Parsons relocated to the Johnson Space Center in Houston to become director of the Center Operations Directorate. He later served as the deputy director of Johnson. He returned to Stennis in

2001 and served as director of the Center Operations and Support Directorate.

Parsons has received numerous honors, including NASA's Exceptional Service Medal; the National Intelligence Medal of Achievement; the Silver Snoopy, awarded by astronauts for outstanding performance in flight safety and mission success; the Center Directors' Commendation; and the Commandants Certificate of Commendation from the U.S. Marine Corps.

He holds a bachelor's degree in engineering from the University of Mississippi and a master's degree in engineering management from the University of Central Florida.

Donaldson is on a special assignment to the Federal Emergency Management Agency to help with recovery efforts in Mississippi. Deputy Shuttle Program Manager Wayne Hale is acting space shuttle program manager.

Station crew works on oxygen system, performs 'footwork'

By Lori Johnston Meggs
from combined reports

The installation and activation of a replacement part for an oxygen-generating system and the Foot/Ground Reaction Forces During Spaceflight (Foot) experiment highlighted recent activities on board the International Space Station.

Expedition 11 Commander Sergei Krikalev and NASA Science Officer John Phillips have been troubleshooting the Elektron oxygen-generation system by activating a new liquids unit. The Elektron breaks down water into oxygen for use in the station's atmosphere. The Elektron has not functioned for several months. Adequate oxygen

supplies are available on the station from tanks and Solid Fuel Oxygen Generators.

In addition to the Elektron liquids unit replacement, Phillips set up hardware for the Foot experiment. Monitored by the team in the Payload Operations Center at the Marshall Center, Phillips put on customized Lycra cycling tights for his fifth and final session of the experiment. The experiment investigates the differences between use of the body's lower extremities on Earth and in space, and changes in the musculoskeletal system during spaceflight.

During the session, Phillips wore the instrumented Lower Extremity Monitoring Suit, or LEMS, which measures joint angles, muscle activity and forces on the feet while exercising.

Taking force measurements while running through the range of settings with each piece of exercise equipment helps determine the settings necessary to match the forces that bones experience during exercise on Earth. Matching those forces during exercise is critical to reducing the amount of bone loss while in weightlessness.

The theories that are being explored in this experiment have significance for understanding, preventing and treating osteoporosis — a disease in which bones break easily and heal slowly.

The writer, an ASRI employee, supports the Public and Employee Communications Office.

Alabama Water Watch

Marshall volunteers win 2005 Fresh Faces Award for water monitoring

By Lori Johnston Meggs

A group of Marshall Center volunteers, including four members of the Environmental Engineering and Management Office — Amy Keith, Roger Bunnell, Ben Morrow and Malene McElroy — and three from the Environmental Excellence Team — Shirley Novy Shue, Janie Miernik and Linda Myszka — has earned the 2005 Fresh Faces Award from the Alabama Water Watch organization.

Coordinated through Auburn University, Alabama Water Watch develops citizen volunteer efforts to monitor the state's lakes, streams and coasts. The Fresh Faces Award goes to a newly organized group that has monitored multiple sites in the past year.

This year's winning group, which includes volunteers from Alabama A&M University in Huntsville, the City of Huntsville, Top of Alabama Regional Council of Governments, and private citizens, organized in December 2004 as the "Rocket City Water Watch." They conduct monthly samplings of two Madison County creeks — Indian Creek and Huntsville Spring Branch — which surround the Marshall Center. The water is tested for general water chemistry parameters such as temperature, oxygen and pH — the measure of the acidity or alkalinity of a solution. They also test the water for bacteria and evaluate water quality by identifying and counting aquatic organisms.

"The Rocket City Water Watch is an excellent way to meet NASA's



Members of the Rocket City Water Watch team gather to celebrate their 2005 Fresh Faces Award.

obligations to protect our surrounding environment, be a leader of technology in our community and inspire the love of science in our children," said Amy Keith of Marshall's Environmental Engineering and Management Office.

By sampling the streams monthly, the group can assess the health of the water and determine appropriate water-quality management.

The writer, an ASRI employee, supports the Public and Employee Communications Office.

Spacecraft

Continued from page 1

The study will assist NASA in achieving President Bush's Vision for Space Exploration, which calls for the agency to safely return the space shuttle to flight, complete the International Space Station, return to the moon, and continue exploration of Mars and beyond.

America's next generation spacecraft will use an improved, blunt-body crew capsule, and will accommodate up to six people.

"This spacecraft and its systems will build upon the foundation of the proven designs and technologies used in the Apollo and space shuttle programs, while having far greater capability," Griffin said. "It will be able to carry larger and heavier cargos into space and allow more people to stay on the moon for longer periods of time."

The new spacecraft can be configured either to support human explorers or fly unpowered to carry cargo. Its design allows the flexibility to ferry crews of three astronauts, plus additional supplies, to and from the International Space Station, take four crew members to lunar orbit, and eventually maintain up to six astronauts on a mission to Mars.

Crews and cargo will be carried into orbit by a space shuttle-derived launch system, consisting of a solid rocket booster and an upper stage powered by a shuttle main engine that can lift 25 metric tons. The spacecraft also will be 10 times safer than the space shuttle because of its in-line design and launch-abort system.

NASA chose the shuttle-derived option for its launch system due to its superior safety, cost and its availability.

Specifically, the space shuttle's main engines and solid rocket boosters are reliable and rated for human space flight. Much of the industrial base and hardware to support this option are already in place, which will significantly lower development costs.

Future lunar exploration missions will be supported by a heavy cargo launch vehicle consisting of five space shuttle main engines, and two five-segment shuttle solid-propellant rocket boosters. This combination yields a lift capability of 106 metric tons to low Earth orbit, and 125 metric tons, if it incorporates an Earth-departure stage. Although primarily designed to carry cargo, this system can be human-rated to carry crew into orbit.

The study lays out a deliberate, milestone-driven journey to the moon for NASA. Returning to the moon and sustaining a presence there will demonstrate humans can survive on another world, and will build confidence that astronauts can venture still farther into space and stay for longer periods. NASA's return to the moon will open opportunities for fundamental science in astrobiology, lunar geology, exobiology, astronomy and physics.

The journey will start with robotic missions between 2008 and 2011 to study, map and learn about the lunar surface. These early missions will help determine lunar landing sites and whether resources, such as oxygen, hydrogen and metals, are available for use in NASA's long-term lunar exploration objectives.

All NASA field centers will participate in the new exploration initiative.

Assessing Katrina's aftermath



NASA/MSFC

Below the curve of the Greater New Orleans Bridge, members of the National Guard take a break from recovery operations. Members of the Guard, supported by U.S. military and civilian volunteers, have provided relief, security and recovery support at NASA's Stennis and Michoud facilities, as well as the rest of the region devastated by Hurricane Katrina.



NASA/MSFC

NASA employees inspect one of the massive space shuttle external tanks docked in the Vertical Assembly Building at Michoud. Despite pummeling hurricane winds, none of the External Tanks housed or under construction at the assembly facility were damaged by Katrina.



NASA/MSFC

High-wind damage, like this splintered wall of the Vertical Assembly Building at NASA's Michoud Assembly Facility near New Orleans, is one dramatic sign of Hurricane Katrina's passage directly over the site. Cleanup and recovery operations continued this week at Michoud and NASA's Stennis Space Center near Gulfport, Miss.

Relocation

Continued from page 1

Room G-13, the center provides a single point of welcome and support for relocating NASA families. By early this week, workers in the center had begun addressing the relocation needs for 166 individuals, including seven Stennis employees, 73 Michoud employees and contractors, and families of workers from both facilities.

"The Relocation Assistance Center is working to ensure all relocating employees are welcomed to the community and provided the information and care they need," said Shar Hendrick, manager of the Government and Community Relations Office at Marshall.

"It's our hope that by simplifying and easing their relocation efforts, we're also contributing to the important mission of these employees, many of whom continue to perform vital work in maintaining the space shuttle's flight schedule," Hendrick said.

The assistance center provides a variety of information and assistance, helping families resolve financial concerns, find housing, arrange physician appointments, seek crisis counseling and child care services

Michoud

Continued from page 1

destroyed by Katrina.

Preparations also are under way to ship two external tanks from Kennedy back to Michoud by barge. External tank #120 is expected to arrive at Michoud in early October. It will be examined and portions of it dissected to better understand why foam came off during Space Shuttle Discovery's launch in July. External tank #119 will be sent to Michoud in late October.

As of Sept 19, NASA continued to seek contact with 17 of more than 2,000 Michoud employees. The toll-free phone number for employees to check in, and for help locating employees who work at either Michoud or Stennis is (877) 470-5240.

For recovery updates on the Web, visit: <http://www.nasa.gov/hurricane>

and obtain transportation. Computers and phones are available to help register with the Federal Emergency Management Administration (FEMA) or the Red Cross. The center also is helping relocated employees and contractors obtain office space, security badges and vehicle decals.

Last week the center served as a meeting site for Stennis employees attending an all-hands teleconference for Stennis workers.

The Relocation Assistance Center was created by the Office of Human Capital and the Office of Strategic Communications at Marshall. It also is supported by Marshall's Office of the Chief Financial Officer and the Office of the Chief Information Officer, and by representatives of Lockheed Martin in Huntsville. It is staffed by volunteers from across the Marshall Center.

The center continues to accept, sort and distribute donated items for relocated employees. For contact information for employees and contractors, or for general public information, visit: <http://www.nasa.gov/eoc>

Around Marshall

Shuttle Buddies to meet Sept. 26

The Shuttle Buddies will meet at 9 a.m. Monday, Sept. 26, at Mullins Restaurant on Andrew Jackson Way in Huntsville. For more information, call Deemer Self at 881-7757.

MARS Ballroom Dance Club offering lessons

Fox trot lessons will be offered by the MARS Ballroom Dance Club on Monday, Sept. 26, and Monday, Oct. 3, from 7 to 7:40 p.m. The club meets at St. Stephen's Episcopal Church on Whitesburg Drive in Huntsville. Professional dance instructor Rick Jones will teach the lessons, which are free for club members and \$4 per person for guests. Applications to join the dance club will be available. Membership is \$10 per couple for NASA employees, retirees and on-site contractors. For more information, call 650-0200.

Marshall's Bruce Anderson named COO of National Space Science and Technology Center

Bruce H.S. Anderson has been named chief operating officer of the National Space Science and Technology Center (NSSTC) in Huntsville, the joint research facility operated by NASA and the Alabama Space Science and Technology Alliance.

In his new role, Anderson is a primary NSSTC liaison with NASA, educational institutions and industry. He also is responsible for day-to-day management and operation of the science center, including strategic business planning, safety oversight and supervision of facility resources. He serves as a principal advisor to NSSTC interim Director Dr. Ann F. Whitaker, and to the Marshall Center's Science and Technology Directorate.

Before taking his new post, Anderson was special assistant to the director of the Office of Center Operations at the Marshall Center. He also continues to serve as the Center's ombudsman, a position he has held since December 2004. The ombudsman provides the civil service and contractor workforce at Marshall with a confidential resource for informal discussion of issues related to safety, performance or mission success. The ombudsman acts as a liaison to investigate and enable resolution of such concerns.

"We're very proud to bring Bruce Anderson's experience and insight to the NSSTC," said Whitaker, director of the Science and Technology Directorate at Marshall. "His legal expertise and knowledge of science and engineering will help us sustain the work of this research organization — bringing unprecedented



Bruce Anderson

chief counsel at Kennedy Space Center from 1998 to 2003. The Senior Executive Service is a personnel system covering most top managerial and policy positions in the executive branch of the federal government.

A native of Petersburg, Va., Anderson received a bachelor's degree in civil engineering in 1971 and a law degree in 1975, both from the University of Alabama in Tuscaloosa. He was a structural design engineer for the Newport News Shipbuilding and Drydock Co. in Newport News, Va., from 1971 to 1973.

After earning his law degree, he joined the U.S. Army Corps of Engineers in 1975, serving in the Office of Counsel in Mobile until 1981. He also taught civil engineering classes at the University of South Alabama in Mobile from 1979 to 1981.

From 1981 to 1986, Anderson served as district counsel for the Corps of Engineers' Memphis, Tenn., district. There, he had legal duties for navigation, flood control and harbor maintenance projects along the Mississippi River and its tributaries.

Anderson came to NASA for the first time

scientific value to Alabama and the nation."

Anderson, who was appointed to the federal Senior Executive Service in 1998, has served the Office of Center Operations since 2003. He was

in 1986, serving for three years as deputy chief counsel for Goddard Space Flight Center. There, he provided legal leadership for the center and for NASA's \$2.7 billion Tracking and Data Relay Services project, which linked virtually all communications between American scientists and technicians and orbiting spacecraft via the White Sands Space Network Complex in White Sands, N.M.

From 1989 to 1991, Anderson returned to the Corps of Engineers to become division counsel for the Missouri River Division in Omaha, Neb., serving an 11-state regional office and providing legal oversight for all operations of the Missouri River System. He was senior counsel for Environmental Compliance at the Corps of Engineers Headquarters in Washington from 1991 to 1994, providing legal support on matters pertaining to the U.S. Department of Defense's Environmental Restoration Program, the Corps of Engineers' Superfund program on behalf of the Environmental Protection Agency, and the Corps' solid waste and hazardous waste management program.

Before returning to NASA, Anderson served from 1994 to 1998 as chief counsel for the Corps of Engineers' Transatlantic Programs Center in Winchester, Va. There, he provided legal oversight and support for construction and maintenance projects in Europe, the former Soviet Union, the Middle East and Africa.

Anderson is married to the former Jan Reid of Cherokee, Ala.

Digital Fusion awarded NASA contract for acquisition, business support services

NASA has awarded a contract to Digital Fusion Solutions Inc., a small business in Huntsville, to provide acquisition and business support services for the Marshall Center.

Under the contract, Digital Fusion Solutions will perform a wide range of operational and administrative support for the Office of the Chief Financial Officer, Office of Procurement, and other offices at Marshall. The contract represents an effort to consolidate

acquisition and business support services, which have been provided by various contractors in the past. The contract began Sept. 15, with a one-year base period, followed by four one-year options that may be exercised at NASA's discretion. It is a performance-based, firm-fixed-price, indefinite delivery/indefinite quantity contract. It has a minimum order quantity value of \$986,000 and a maximum order quantity value of \$48.75 million, if all options are exercised.

Classified Ads

To submit a classified ad to the Marshall Star, go to Inside Marshall, to "Employee Resources," and click on "Employee Ads — Submit Ad." Ads are limited to 15 words, including contact numbers. No sales pitches. Deadline for the next issue is 4:30 p.m. Thursday.

Miscellaneous

Love seat, \$200; china cabinet, \$225; lamps, \$10, coffeepot, \$20; stereo, \$75, desk, \$75. 534-0939

Toddler bed, white metal, \$15. 895-6640

Aquarium w/stand and all accessories, 30-gallon, including fish, \$175. 881-8674

Whirlpool Limited Edition refrigerator/freezer, 17 cu. ft., almond color, \$50. 777-7228

Foosball game, heavy-duty construction, \$200. 653-8311

Compound bows: right-hand, Browning, \$100; Browning, \$135; Martin, \$125; XI Impulse, \$100. 931-425-0205

Hoover Floormate, \$50. 931-425-0205

Golf clubs, Ping I3, 3-PW, Micro Groove putter, Omega Lite bag, pull cart, \$699. 479-1527

Golf clubs, bag, umbrella and towel, \$75. 256-859-3136

Kenwood 440 HF Amateur radio & matching power supply, antenna, books, \$450. 656-2951

Sony KV-32XBR50 TV, 32", Super woofer, external speakers, S-video inputs for DVDs, \$100. 658-7719

Toro Wheel-Horse fluid-drive lawn tractor, 15HP, dual blade, roto-tiller accessory, 250 hrs., \$3,450. 256-883-9329

Sears refrigerator, self-defrosting, white, 65-1/2"x 19-1/4", \$100; Kitchen range, white, self-cleaning, \$100. 859-2599

Kenmore super-capacity washer & dryer, \$350. 508-5416

Lexmark 4270 All-in-One, copy, fax, print, scan, \$50; Color Ink for AOI, \$20. 541-1788

AbDoer exercise chair w/video, \$50; romance & suspense hardback books (50), \$2 ea., all \$75. 256-233-5403

Basset Oak student desk, 42"Wx45"Hx19"D, 3-drawers on one side, shelf w/light, \$75. 882-0461

National Instrument VXI mainframe w/VXIpc-870 processor, VSI-48XDC, VXI-DIO-128, four VXI-MIO-64E & software, \$1,800. 682-1075

Sofa, multi-colored blue stripes, solid Oak frame, \$150. 353-0370

King mattress & box-spring, \$150; white patio set, \$100; chest-of-drawers, \$30; bookcases, \$40 each. 722-9989

Atlanta Braves vs Florida Marlins tickets, Turner Field, Sept. 24, 7:05 p.m., Terrace Level. 256-508-3038

Square cocktail table w/matching end tables, distressed Pine finish, \$75. 325-7542

Valhalla, two person crypt, "True Companion", Bldg. E, Level C, \$5,000. 881-5063

White satin wedding basket ensemble, 6 pieces: 4 baskets, Bible, ring bearer pillows, \$120. 256-684-2606

AKC Cardigan Corgi, black, young neutered male, crate trained, drop ears, \$250. 256-259-2164

Auburn/Western Kentucky game, two tickets, \$20 each. 536-6436

MemoryStick Pro DUO, 1 gigabyte, high speed, Sony PSP ready, \$109. 655-1986

Dining room suite, cabinet/hutch, 6-chairs, table w/leaf, \$2,000. 430-0380 after 5 p.m.

Car-top carrier, Sears X-Cargo, hard-shell, white/gray, sloped, 48"Lx36"Hx21"D, \$50. 837-8797

Console w/TV/DVD player for a van, \$200. 881-7000

Valhalla mausoleum, Building B, Section B, Level 3, best offer above \$5,500. 256-426-0990

Sharp TV, 27", \$50. 539-0476

Craftsman, workbench w/lights and power, \$300; wedding dress w/veil, size 8, \$100. 776-9165

Portable combination propane-grill/cooler, Thermos Grill2Go/Fire+Ice, \$120. 233-0705

Vehicles

1996 Nissan pickup, XE, standard cab, 82K miles, \$3,700. 961-3525

1978 AMF Crestliner, 165HP, 5-yr. old, out-drive, \$2000. 256-679-6707

2001 Chevrolet Suburban LT, 60K miles, 100K mile warranty, new Michelin tires, \$18,500. 883-1693

Gulfstream, 36', 30K+ miles, generator, jacks, VCR, camera, awning, bath, kitchen, bedroom \$36,000. 256-931-0177

2002 Ford F250 Super-Duty crew cab, Lariat, 7.3 diesel, 4x4, 137K miles, white, \$21,000. 256-497-3518

2000 Skeeter SL174 fish/ski boat, Yamaha V-Max. 150, 2 depth finders, trolling motor, \$10,000. 256-773-0018

1995 Cherokee Sport, 4-door, 4.0/6-cyl., automatic, 150K miles, \$2,975. 256-572-1867

1998 Volvo S70, white, 73K miles, power doors/windows/sunroof, garaged, no damage, \$8,000. 256-882-9741

1993 Ranger boat, 364V w/Yamaha 150, \$8,900. 551-2933

2005 Nissan Frontier King-Cab, 12K miles, loaded, 245HP, 28mpg highway, \$18,900. 837-1774

2000 Nissan Altima, black, aluminum wheels, automatic, 125K miles, one-owner, \$6,600. 990-1842

2002 Chevrolet Silverado LS, red, V6, 2WD, SWB, 102K highway miles, 20mpg, \$8,900. 256-757-8982

1973 Corvette, 350CID, auto, air, T-tops, matching numbers, white w/black leather, \$11,000. 964-5312

1999 Mercedes SLK 230 convertible, silver w/black & red leather, sports package, 57K miles, \$19,900. 653-1401

2003 Gas Gas 300DE dirt bike, \$3,000. Villian II ski boat, new motor, \$3,000. 679-0073

2002 PT Cruiser, steel blue pearl, 4-cyl., 58K miles, touring edition, loaded, \$10,500. 728-2325

2000 Nissan Frontier crew-cab, auto, all-power, CD/cassette/stereo, silver, \$10,700. 880-9025

1991 Ranger 361, 150XP, electronics, flipping deck, \$6,500. 503-0964

2005 Tacoma, regular cab, 4WD, 15K miles, 2.7L, 4-cyl., 5-speed, \$19,000. 256-345-0184

1974 Jeep CJ5, Chevy 350/V8, automatic transmission, power steering, \$2,500. 683-9364

Wanted

Responsible baby sitter, SE Huntsville, two school-age children, occasional weekend afternoon/evenings. 256-656-8543

Handyman to help finish attic. 772-1870 evenings

Two Tower seat tickets to Talladega, October 2, 2005, race. 468-3803

Dependable and inexpensive vehicle for daughter at college. 881-1709/6 p.m.

Two or three tickets to the Alabama-Tennessee game, October 21. 651-5847

Apple/Cherry/Peach (fruit) wood, will cut down and haul away. 256-656-2965

Good used automobile. 533-0254

Free

Two spayed/declawed adult cats. 881-0995

Purple martin gourds and poles. 881-6595

Two black male cats, neutered, declawed, can be separated. 256-232-9651

Microwave, gas, glass cook-top, 3-years old, good for parts. 679-2429

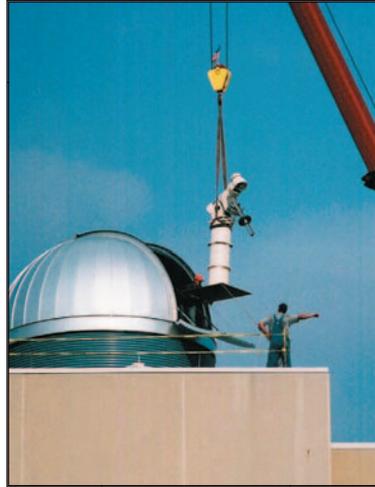
Lost

Silver T&Co. earring, Building 4203 area. Please call 205-239-9604 if found.

Obituary

Roger Clyde McCaffrey, 68, of Madison, died Sept. 4. He retired from the Marshall Center, after 35 years of service, in 1997 as an aerospace technician in Experimental Facilities Development.

Survivors include his wife, Gwendolyn C. McCaffrey; one son, Keith Clyde McCaffrey; three daughters, Regina Osborn, Wanda Clark and Kayron Owens; and his mother, Lucille McCaffrey.



Photos by NASA/James E. Smith

UAH gets new 'sun spot'

The University of Alabama in Huntsville's new solar observatory, left, being placed atop the university's Center for Applied Optics, is now home to a new resource for solar studies, thanks to the Marshall Center. NASA's Solar Vector Magnetograph, center, was hoisted earlier this month into the 16-foot-diameter dome. The move will permit closer partnership between the university and Marshall solar scientists at the National Space Science and Technology Center (NSSC), and will give university students a helpful tool for conducting solar research in the classroom. The magnetograph, right, tended by NASA engineer James E. Smith, was built in the 1970s and upgraded over time to study the sun's turbulent magnetic fields.

Photo by NASA/MSFC

Reduce liability by keeping track of assigned property

Ultimate responsibility and accountability for government-issued property and Information Technology equipment rests with each Marshall team member.

When equipment is assigned to a specific employee, he or she becomes the official user of record. If equipment is missing, the user of record can be held administratively and financially liable.

The Marshall Asset Management System (MAMS) is a way for Marshall team members to keep track of their assigned property and reduce potential liability. By logging into MAMS, team members can view what property is assigned to them. They also can make

minor personal information changes such as new office locations, organization codes and new phone numbers.

The Marshall Office of the Chief Information Officer urges Marshall team members to take care of assigned equipment, keep up with its use and location, transfer ownership when appropriate, conduct periodic inventory and record updates, promptly report losses and thefts, and excess obsolete equipment.

For more information, team members can visit the MAMS Web site at: <http://mams.msfc.nasa.gov> or talk to their individual organizational IT managers.

MARSHALL STAR

Vol. 46/No. 2

Marshall Space Flight Center, Alabama 35812
(256) 544-0030
<http://www.nasa.gov/centers/marshall>

The Marshall Star is published every Thursday by the Public and Employee Communications Office at the George C. Marshall Space Flight Center, National Aeronautics and Space Administration. Classified ads must be submitted by 4:30 p.m. Thursday, and other submissions no later than 5 p.m. Friday to the Marshall Public and Employee Communications Office (CS20), Bldg. 4200, Room 103. Submissions should be written legibly and include the originator's name. Send e-mail submissions to: intercom@msfc.nasa.gov. The Star does not publish commercial advertising of any kind.

Manager of Public and Employee Communications — Dom Amatore
Editor — Debra Valine

GPO U.S. Government Printing Office 2005-733-048-20017

Permit No. G-27
NASA
Postage & Fees PAID
PRE-SORT STANDARD