

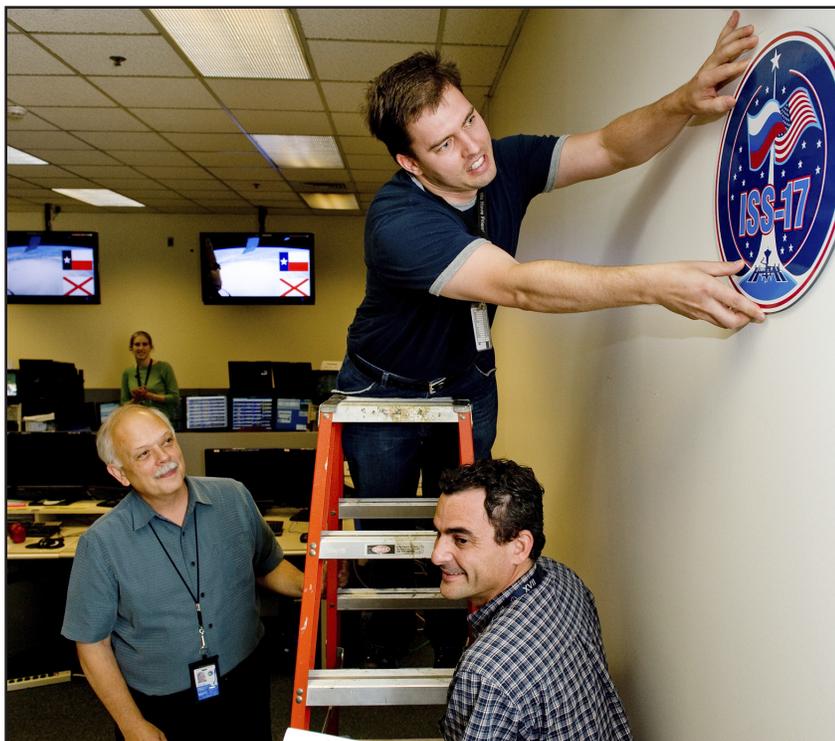


MARSHALL STAR

Serving the Marshall Space Flight Center Community

Sept. 25, 2008

Commemorating Marshall Center's first service as International Space Station Backup Control Center



David Higginbotham/MSFC

Bryan Snook, a computer engineer from the Johnson Space Center in Houston, hangs an Expedition 17 plaque in the Marshall Space Flight Center's Backup Control Center for the International Space Station. The plaque commemorates the first time the Marshall facility was used by Johnson flight controllers to operate the space station. Nick Bornas, left, a Marshall facilities manager and Mitch Venable, a Johnson engineer, assist in hanging the plaque.

The employees were recognized by the Johnson flight team for helping to set up the Backup Control Center in the Huntsville Operations Support Center at Marshall. When Hurricane Ike forced the Johnson Center to close Sept. 11, a 35-member space station flight control team from Houston relocated to Marshall from Sept. 13-19 to continue operating the station.

Also for the first time, the Johnson team controlled the docking of a Russian Progress cargo ship to the station from Marshall's Backup Control Center on Sept. 17.

Star's NASA 50th anniversary issue set for Oct. 2

In celebration of NASA's 50th anniversary on Oct. 1, the Marshall Star will publish a special anniversary issue on Oct. 2. The Star will look at the creation of NASA, with highlights from President Dwight D. Eisenhower's key statements about NASA's founding. The issue also will feature a "Director's Corner" from Marshall Space Flight Center Director David King, and a Marshall Center chronology depicting how the center has contributed to NASA's mission in its five decades. This keepsake edition will devote four pages to historical Marshall photographs — including President John F. Kennedy's 1962 visit to the center and Wernher von Braun on-the-job as Marshall's first center director.

The issue will be available online at 2 p.m., Wednesday, Oct. 1, at <http://marshallstar.msfc.nasa.gov/>.



THE FACE OF MISSION SUCCESS IS:

Jerry Seemann

Attorney in Marshall's Office of the Chief Counsel

By Megan Norris Davidson

Marshall Space Flight Center attorney Jerry Seemann knew from a young age that he wanted to pursue a career that would involve building — he just didn't know that it would be vehicles that would send astronauts to the moon and beyond.

Seemann serves in Marshall's Office of the Chief Counsel as lead counsel for Ares Projects, providing a full range of legal services to the organizations responsible for the development of the Ares I rocket and Ares V heavy cargo launch vehicle. The vehicles are part of the Constellation Program to take human explorers to the moon, and then onward to Mars and other destinations in the solar system.

As a high school student at Des Moines Technical High School in Iowa, Seemann never imagined he would be a lawyer for Marshall. "I attended a vocational high school and trained to be an auto mechanic," he said. "From a very young age, I liked taking things apart, figuring out how they worked and how to put them back together. After finishing high school, I figured I only had two choices — military service or college. After doing everything necessary to join the Marines except sign on the dotted line, I decided going to the engineering college 30 miles north of my hometown was a better choice."

Seemann graduated from Iowa State University at Ames with a bachelor's degree in civil engineering. He worked for consulting engineering firms in Iowa City and was involved in project management activities on a variety of municipal, commercial and institutional designs. He oversaw construction management in connection with water and wastewater facilities, roadway and parking facilities and institutional, commercial and industrial buildings. He obtained his professional engineering license in 1983, which he has kept current.

"I really liked engineering," Seemann said. "My college professors encouraged me to pursue an advanced degree in engineering. But at the time, I thought I needed to complement my engineering degree

with something else — either business or law. While I was working as an engineer, I was taking business classes at night. I applied to law school to eliminate a career alternative, thinking I would not get in. But I did, which is how I ended up in a legal career."

After earning a juris doctor degree from the University of Iowa at Iowa City in 1987, Seemann started his new legal career as a patent attorney for the U.S. Army Missile Command at Redstone Arsenal. He joined Marshall's Office

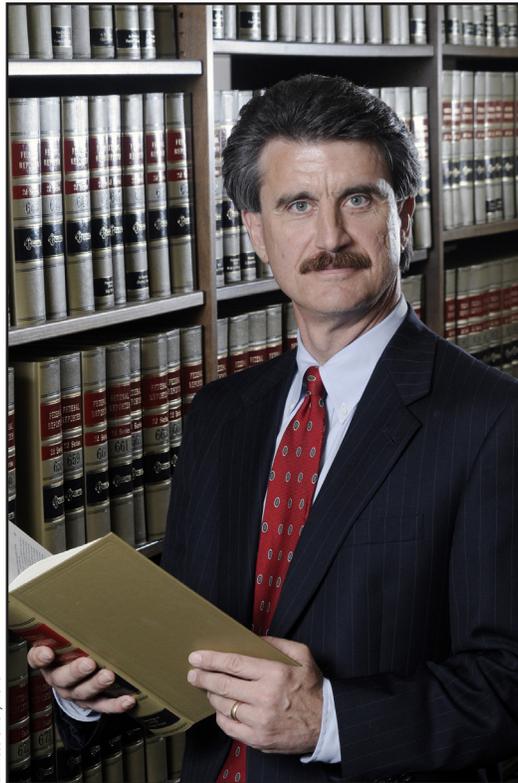
of the Chief Counsel in 1989. From 1996 to 1999, he served as manager of the Technology Development and Investment part of the Technology Transfer Office, negotiating and drafting agreements for Marshall to allow the transfer of NASA technology to industry. He also worked with NASA contractors in their efforts to develop new technology. He returned to the Office of the Chief Counsel in 1999.

Today, Seemann's specialties include government contract law and intellectual property. He feels he has a connection with his customers because of his engineering background. "I consider myself a lawyer and an engineer. My engineering background helps with customer relations because I am able to understand the technical aspects of a project with minimal explanation," Seemann said. "It is a

great privilege to be so closely involved with the Constellation Program, and it needs lawyers to help keep it going. My job is to provide legal advice that minimizes resistance and risk for the programs and projects — that's what I consider my role to be as an attorney."

When he's not working, Seemann enjoys spending his time with his wife, Donna, and their four "very fine" sons. "Between homeschooling and youth sports, there is little time in the Seemann family for anything else," he joked. The family resides in Monrovia, Ala.

Davidson, an AI Signal Research Inc. employee, supports the Office of Strategic Analysis & Communications.



Jerry Seemann

Cancer survivor Liz Hurley to speak at Marshall Breast Cancer Awareness Program on Oct. 1



By Jessica Wallace

According to the National Cancer Institute, it's estimated that 178,480 women and 2,030 men in the United States were diagnosed with breast cancer in 2007. An estimated 40,460 women and 450 men died from the disease that year.

To help promote awareness, the Marshall Space Flight Center plans a number of employee events to mark National Breast Cancer Awareness Month — first observed nationally in October 1985. On Oct. 1, Marshall will host its fifth annual Breast Cancer Awareness Program beginning at 9:45 a.m. in Building 4200, Morris Auditorium. Activities will include speakers and live music entertainment.

A vendor fair — featuring local agencies and support groups that provide information about breast cancer — will be open in the lobby of 4200 from 9 a.m. until 1 p.m.

The event's featured speaker will be Liz Hurley, a Huntsville TV news anchor and breast cancer survivor. She will share with Marshall employees how her disease inspired her to create the Liz Hurley Breast Cancer Fund in 1999 at the Huntsville Hospital Foundation — a fund that has benefited many cancer patients throughout the Tennessee Valley.

The fund, which has raised more than \$1 million, is responsible for the purchase of a state-of-the-art breast magnetic resonance imaging system, a computer-aided detection system and other diagnostic equipment. In 2004, the Liz Hurley Ribbon Run was established as the signature event for the fund. Now the Tennessee Valley's largest running race, this annual 5k run features a men's and women's race, and a Survivor's Walk. Last year's run had a record 2,760 registrants and raised more than \$100,000 toward cancer detection.

Marshall's Breast Cancer Awareness program will open with a guitar performance by Marshall environmental technician Shane Adkins. Sister Grace, a local four-woman singing group that includes two Marshall employees, also will perform. Tina Swindell, a program specialist in the Science & Mission Systems Office, and Whitney



Liz Hurley

Hubbs, a scientist in the Engineering Directorate, are members of the group.

Huntsville Mayor Loretta Spencer will welcome Marshall team members and read the 2008 National Breast Cancer Awareness Month proclamation, issued by President George W. Bush. A question-and-answer session with Hurley will follow the program. The event will conclude with a group photo opportunity for everyone wishing to have their picture taken on the front steps of Building 4200. A separate group photo will be made with cancer survivors.

"Everyone needs to realize that cancer can come into anyone's life," said Inge Kuberg, an industrial property management specialist in the Office of Center Operations who serves as Marshall's Breast Cancer Awareness committee chair for 2008. "Being a cancer survivor, I know how important it is to get checked. I hope all Marshall employees will join us for the program, and together we can make ourselves fully aware of the deep impact this disease carries."

Vendor exhibits and support groups will include NESIN Therapy Services, Special Touch by Eunice, Just for Women magazine, Clear Choice Health Plans, the Center of Imaging Excellence in Huntsville, Clearview Cancer Institute, Crestwood Hospital, the American Cancer Society, the Huntsville Hospital Foundation 5th annual Liz Hurley Breast Cancer Ribbon Run, Huntsville Hospital Breast Center, the Susan G. Komen Breast Cancer Foundation and the Sandra J. Bryant Bosom Buddies Support Group.

Marshall Center team members can also take part in the following off-site events celebrating Breast Cancer Awareness Month:

- Sept. 21, noon-3 p.m. - Breast Cancer Awareness Fashion Show, Coldwater Creek at Bridge Street in Huntsville
- Oct. 18, 8 a.m. - The Liz Hurley Ribbon Run, at the corner of Lowe Avenue and Adams Street in Huntsville
- Oct. 25, 8-11 a.m. - 3rd annual Breast Cancer Awareness Holiday Fashion Show, Stein Mart on Airport Road in Huntsville

For more information about the Marshall program or off-site events, contact Kuberg at 544-5678, or at inge.h.kuberg@nasa.gov.

For more information about National Breast Cancer Awareness Month, visit <http://www.nbcam.org>.

The writer, an AI Signal Research Inc. employee and Marshall Star editor, supports the Office of Strategic Analysis & Communications.

Thirty four selected for Space Flight Awareness honors

Thirty four Marshall Center employees and contractors are being honored for their significant contributions to the space program. The honorees are attending a special recognition event in

Kissimmee, Fla., on Oct. 9. There will be an awards ceremony in their honor, and they will tour NASA's Kennedy Space Center and view the launch of the STS-125 mission, targeted for Oct. 10.



Michelle M. Barnett
Engineering Directorate



Patrisha Beck
Digital Fusion



Ellis Mathis Bevill
Shuttle Propulsion Office



Ashlee Bohr
Bastion Technologies Inc.



Dirk A. Cruser
UNITeS-SAIC



Alice D. Daniel
UNITeS-Honeywell



Charles C. Delano
Safety & Mission Assurance Directorate



Jill H. Fowler
Office of the Chief Financial Officer



Kasondra J. Gipson
COLSA Corp.



Laura Lee Groce
Office of Human Capital



Barbara J. Gulbis
Engineering Directorate



Douglas Hall
Coastal International Security



Patricia A. Hill
Office of Center Operations



Bill Horn
Teledyne Brown Engineering



Justin R. Jackson
Engineering Directorate



Bob Jacobs
Jacobs Engineering



Jerald G. Kerby
Office of Strategic Analysis & Communications



Charles F. Kopicz Jr.
Jacobs Engineering



Jonathan D. Looser
Engineering Directorate



Walter S. Melton III
Office of Procurement

See Space Flight Awareness on page 5



**Space
Flight
Awareness**
NASA
Marshall Space Flight Center



Bobby Money
Engineering Directorate



**Edward E. "Sandy"
Montgomery III**
*Science & Mission
Systems Office*



John R. Moody
UNITeS-Honeywell



Barron Q. Musick
Engineering Directorate



B. Glenn Overbey
*Shuttle Propulsion
Office*



Leigh Ann Perkins
*Shuttle Propulsion
Office*



Kurt L. Scheuermann
*Teledyne Brown
Engineering*



Michael D. Shadoan
Ares Projects



Wm. Steven Spearman
*Science & Mission
Systems Office*



Roderick Stallworth
Engineering Directorate



Elizabeth Sudderth
*Office of the Chief
Information Officer*



Beatrice Jane Tyson
*Universities Space
Research Association*



DeLisa Wilkerson
Engineering Directorate



Devinti M. Williams
*Office of the Chief
Counsel*

Celebrating Hispanic Heritage Month

Hispanic Professional Engineers' president to encourage 'getting involved' at Marshall Lunch & Learn on Oct. 2

Marshall Space Flight Center team members are invited to a Hispanic Heritage Month Lunch & Learn from 11:30 a.m. to 12:30 p.m. Oct. 2 in Building 4200, Conference Room 409. This year's theme for Hispanic Heritage Month is "Getting Involved: Our Families, Our Community, Our Nation."

The speaker will be Diana Gomez, national president of the Society of Hispanic Professional Engineers — a social-technical organization that works to encourage the potential of Hispanics in the fields of engineering, math and science.

In September 1968, Congress authorized President Lyndon B. Johnson to proclaim National Hispanic Heritage Week. The observance was expanded in 1988 to a month-long celebration from Sept. 15 — the anniversary of independence of five Latin American countries — to Oct. 15.

For more information about Hispanic Heritage Month events, contact Elia Ordonez, Marshall's Hispanic Program manager in the Office of Diversity and Equal Opportunity, at 544-6658 or elia.s.ordonez@nasa.gov.

NASA announces information technology contract extension

By Amie Cotton

NASA has extended the Unified NASA Information Technology Services, or UNITEs, contract with Science Applications International Corporation of San Diego. This extension allows for the completion of an Information Technology infrastructure realignment and implementation through competition of various NASA agency-wide contracts.

The \$214,470,324 contract extension provides NASA with agency-wide information services, information technology services to the Marshall Space Flight Center, and support for Marshall's Integrated Enterprise Management Program, which combines agency financial resources and travel office information.

The modification provides additional support from Jan. 1, 2009,

through Nov. 30, 2009. With this extension, the value of the contract, including options, is approximately \$1.1 billion. The UNITEs contract was awarded to SAIC in January 2004.

Marshall's responsibilities for information technology include managing software applications, Web/computer server systems, audiovisual information, telecommunications, information technology security, information technology procurement, documentation storage and protection hardware maintenance. Support provided under the UNITEs contract includes NASA-wide information technology security, encryption security systems, computer networking and digital imaging.

Cotton, an AI Signal Research Inc. employee, supports the Office of Strategic Analysis & Communications.

Obituaries

Bobby Lee Powers, 78, of Athens died Aug. 27. He retired from the Marshall Center in 1977 as a procurement analyst. He is survived by his wife Jane Daly Powers.

Doris Estelle Jenkins Polk, 83, of Huntsville died Aug. 26. She retired from the Marshall Center in 1987 as a secretary.

Nick D. Foster, 70, of Decatur died Sept. 15. He retired from the Marshall Center in 1997 as an engineer. He is survived by his wife Juliet Foster.

Norman R. Gilino, 84, of Huntsville died Sept. 18. He retired from the Marshall Center in 1984 as an engineer. He is survived by his wife Mary T. Gilino.

Robert "Bob" Jernigan, 76, of Somerville died Sept. 19. He retired from the Marshall Center in 1986 as a communications specialist. He is survived by his wife Katie Jernigan.

Samuel L. Sullins Jr., 92, of Huntsville died Sept. 21. He retired from the Marshall Center in 1979 as an engineer. He is survived by his wife Gladys Snoderly Sullins.

Classified Ads

To submit a classified ad to the Marshall Star, go to Inside Marshall, to "Employee Resources," and click on "Marshall Star Ad Form." Ads are limited to 15 words, including contact numbers. No sales pitches. Deadline for the next issue, Oct. 2, is 4:30 p.m. Thursday, Sept. 25.

Miscellaneous

Lenox "Eternal" china, service for twelve, two vegetable bowls, two platters. 883-8257

10-inch Grizzly table saw, 1-1/2HP, 110/220VAC, \$160; Homelite Timberman 18-inch chain saw, 45cc, \$50. 882-0947

Frigidaire freezer, 5 cubic feet, \$100. 684-9151

Two Brad Paisley tickets, Oct. 3. 338-9840

Trek 1200 56cm road bike, Shimano 105 components, \$225 obo. 843-513-7939

Table, four chairs, pictures available, \$100. 508-8269

Sunbeam mixer, two sets of beaters, small/large bowls, \$35. 512-5520

Kenmore Elite Gas dryer, white, model 110.73932102, converted for propane, \$125. 533-0503

Imaginarium Sound & Light Railroad Train Table, more than 100 pieces. 931-227-6577

HP Deskjet 5850 Color USB/Ethernet/Wifi Inkjet Photo Printer, PC/Mac, \$40. 837-0656

Bath transfer bench, from outside of tub to inside, back, handles, \$75. 498-2028

Oval antique dining room table, six chairs, \$475; antique upright Strauss & Sons piano, \$100. 990-3561

Atomic Micron 423 snow skis, carrying case, \$75. 527-0110

Double-pane window sashes/glass, 32-inches wide, various sizes. 772-8401

Desk chair, \$50; fax machine, \$60; Cannon IP5000 printer, \$75; Lexmark X73 printer, \$60. 883-5739

Garbage compactor, residential, brown, \$300 obo. 852-5595

Peavey 410 TX, 210 TX bass cabinets, Peavey Mark VIII bass amp head, \$600. 636-2978

Persian rugs, handmade, 10'x12', \$1,000-\$1,500. 650-5422

Daniel Moore Alabama print, "The Tradition Continues," 1992 National Champions, shrink wrapped. 883-8257

Maytag washer, dryer, white, under warranty, \$400. 259-1523

Antique barber chair, \$1,500; 1980s Coke machine, \$500; 1975 CJ5, \$3,500; 1972 MG Midget, \$3,000. 658-8241

AKC German Shepherd puppies, black/tan, vet checked, \$450-\$500. 828-3373 or 694-5912

Hot tub equipment, two 4BHP motors/pumps, 220V heater/controller, new flow switch, price negotiable. 828-1234

Verizon Treo 700, \$85; Verizon V740 aircard, \$45. 990-2754

1960s Ithaca 12-gauge pump, model 37; Marlin 22-caliber lever, model 39A, \$350 each. 883-0686

Vehicles

2008 Eclipse, seven-year warranty, 5k miles, \$17,000 obo. 990-3162

2008 Lincoln Mark LT, fully equipped. 890-0499

2007 Jayco Jayflight travel trailer, sleeps 10, \$20,000. 337-3264

2006 BMW 325i, white/tan, loaded, 37k miles, \$23,900. 883-6894 or 468-6894

2005 Yamaha Raptor 90, four stroke, \$1,575. 683-1525

2005 Ford Taurus Five Hundred, AWD, leather, moon roof, pueblo gold, 44k miles, \$15,000. 975-1667

2004 Chevy Z71, tow package, leather, heated power seats, XM, On Star, \$14,000 obo. 509-2536

2003 TrailBlazer, pewter, 53k miles, \$10,000; 2002 Envoy, black, sunroof, 143k miles, \$6,500. 776-9165

2002 Suzuki XL-7, seats seven, black, \$6,800 obo. 783-6278

2001 Honda XR100 dirt bike, 100cc, \$950. 325-3696

2000 Travel Star, 21 feet, sleeps six, full kitchen/bath, \$4,000. 461-9841

2000 Nissan Xterra, green, 123k miles, \$7,500 obo. 832-978-7128

1995 Chevrolet 3500 Dually, bed cover, specially-made tool box, interior upgraded. 773-0194

1999 Toyota 4-Runner Limited Edition, white, brown interior, sunroof, CD, A/C, \$7,000. 694-1260

1999 Mercury Mystique, 83k miles, \$2,750 obo; 2008 Nissan Maxima SL, 11k miles, \$24,500 obo. 520-2802

1997 Saleen S281 Mustang, No. 92, black, leather, five-speed, make offer. 337-0075

1996 Corvette, black, auto, 25 MPG, 72k miles, \$12,250. 723-8877

1996 Corvette, black, leather, all power, Bose stereo, removable top, 55k miles, \$12,000. 656-7099

1989 Ford F150, lifted, 68k miles, \$3,500 obo. 520-9244

1987 Mercedes 560SL, two door, eight cylinder, maroon, \$12,000. 479-2223

1984 Toyota Cressida, five-speed, power roof, leather, manual, needs work. 233-0705

Wanted

Four tickets, Steelers vs. Titans, Dec. 21. 722-9274

Houses/offices to clean, available evenings/weekends. 777-8595

Used bow, hunting or target, 28-inch draw, 40-45s. 778-7867

410-gauge shotgun shells, any shot size or slugs, 2 1/2 or 3 inches. 828-1234

Free

Two spayed female adult cats, gray/white, long hair, gray/black-striped, short hair. 776-4633

Two space shuttles on launch pads at Kennedy — a first since 2001

By Sanda Martel

For the first time since 2001, two space shuttles are poised for launch from the Kennedy Space Center, Fla.

Space shuttle Endeavour arrived at launch pad 39B in the early morning hours of Sept. 19, after an all-night journey. Just a short distance away, on pad 39A, technicians continue to prepare space shuttle Atlantis for a targeted launch Oct. 14 at 9:19 p.m. CDT, on mission STS-125 to service NASA's Hubble Space Telescope. Endeavour will be on standby to launch within a week in the unlikely event that a rescue mission for Atlantis' crew would be necessary.

Unlike crews bound for the International Space Station, the Atlantis astronauts cannot seek safe haven aboard the lab complex because Hubble and the space station are in different orbits.

Atlantis' 11-day mission is the final space shuttle flight to the Hubble telescope. The seven-member crew will enhance the observatory and ensure cutting-edge science, putting in place advanced technology that improves the discovery power of Hubble by 10 to 70 times. Five spacewalks are planned to install new instruments and thermal blankets, repair two existing instruments, refurbish subsystems and replace gyroscopes and batteries. The result will be six working,



In the foreground, space shuttle Atlantis sits poised on launch pad 39A at NASA's Kennedy Space Center, Fla., for its scheduled Oct. 14 launch. Space shuttle Endeavour, at right on launch pad 39B, awaits its scheduled launch Nov. 16.

complementary science instruments with capabilities beyond what is now available. Hubble's operational lifespan will be extended through at least 2013.

If no rescue flight is required for Atlantis, Endeavour will be moved to pad 39A after Atlantis departs and prepared for launch on a space station assembly flight, STS-126, which is targeted to launch Nov. 16. It will be the fifth space shuttle mission in 2008.

Formal launch dates for space shuttle flights are determined during Flight Readiness Reviews. The STS-125 review is scheduled for Oct. 2-3 at the Kennedy Center.

Martel, an AI Signal Research Inc. employee, supports the Office of Strategic Analysis & Communications.

MARSHALL STAR

Vol. 49/No. 3

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), Building 4200, Room 102. 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 — Jessica Wallace



U.S. Government Printing Office 2008-723-022-20168

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