

PEOPLE *on the* **MOVE**

Human Resources reports the following personnel changes:

Key Management Assignments

Charlie Stegemoeller was named manager, Human Space Life Science Programs Office, Space and Life Sciences Directorate.

Irene Piatek was selected as manager, Station Engineering Office, Engineering Directorate.

Peggy Wooten was named manager, External Relations Office, Office of the Associate Director.

Linda Ulijohn was named chief, Avionics Division, Mission Operations Directorate.

Dennis Davidson was named deputy chief, Avionics Division, Mission Operations Directorate.

Promotions

Sandy Boriack was selected as a configuration management specialist in the Configuration Management Office, International Space Station Program Office.

Reassignments Between Directorates

Ron Newman moves from the International Space Station Program Office to the Mission Operations Directorate.

Greg Buoni moves from the Space Shuttle Program Office to the Engineering Directorate.

Jennifer Mason-Korecki moves from the International Space Station Program Office to the Center Operations Directorate.

Dorothy Rasco moves from the Center Operations Directorate to the Space Shuttle Program Office.

Sharon Hobbs moves from the Space and Life Sciences Directorate to the Office of the Chief Financial Officer.

Reassignments to Other Centers

Desiree Thompson of the Safety, Reliability, and Quality Assurance Office moves to Stennis Space Center.

Retirements

Pat McHan of the Office of the Chief Information Officer.

Jon Axford of the Information Systems Directorate.

Resignations

Paula Greenthaner of the Engineering Directorate.

Christine Iacomini of the Engineering Directorate.

NASA BRIEFS

BALLOON-BORNE INSTRUMENT COLLECTS ANTIMATTER

It almost sounds like a science-fiction movie: NASA launched a 60-story-high balloon to the upper fringes of Earth's atmosphere to collect precious particles of some of the rarest stuff in the universe – antimatter – and, just possibly, evidence that entire anti-galaxies exist.

It wasn't science fiction, but cutting-edge science. Carrying a Japanese-built instrument, NASA's largest balloon – 39 million cubic feet in volume – lifted off from Lynn Lake, Manitoba, Canada, at 9:22 a.m. EDT August 11 for a 38-hour flight more than 20 miles above Earth. The 5,000-pound instrument was recovered August 12 and will be prepared for another flight next year. The BESS project (Balloon-borne Experiment with a Superconducting Solenoidal magnet), led by Prof. Shuji Orito of the University of Tokyo, is sponsored in the U.S. by NASA and by Monbusho in Japan.

Antiparticles are rare forms of matter that have electrical charges exactly the opposite of their ordinary "sister" particles. For example, a proton has a positive charge and an electron has a negative charge. An antiproton, though, has a negative charge and an antielectron has a positive charge. Scientists study antimatter to understand structure and energy processes in the universe.

DATES & DATA

NASA SELECTS SPACECRAFT TO TEST SPACE TECHNOLOGY

They're each about the size of a large birthday cake, weigh about as much as a desktop computer, and are smart enough to fly in formation far from Earth while they test new technologies.

They are three very small satellites, called the Nanosat Constellation Trailblazer mission, and NASA selected them as the agency's latest New Millennium mission. The mission will validate methods of operating several spacecraft as a system, and test eight technologies in the harsh space environment near the boundary of Earth's protective magnetic field, or magnetosphere.

Each Trailblazer spacecraft will be an octagon 16 inches across and 8 inches high, and each will have booms and antennas that will extend after launch. The mission will cost \$28 million and will be launched in 2003 as a secondary payload on an expendable launch vehicle. The mission is managed by NASA's Goddard Space Flight Center, Greenbelt, MD.

Results from the Trailblazer mission will be used to design future missions using constellations of lightweight (about 44 pounds), highly miniaturized autonomous spacecraft. One proposed constellation of up to 100 spacecraft positioned around the Earth will monitor the effects of solar activity that can affect spacecraft, electrical power and communications systems. Others will study global precipitation and the atmospheres of other planets.

The Nanosat Constellation Trailblazer is the fifth in the agency's New Millennium program, which tests technology for future space and Earth science missions. The program's goal is to dramatically reduce the weight, size and costs of missions while increasing their science capabilities.

September 10

Astronomers meet: The JSC Astronomical Society will meet at 7:30 p.m. September 10 at the Center for Advanced Space Studies, 3600 Bay Area Blvd. For more information, call Chuck Shaw at x35416.

September 12

Westside NSS meets: The Westside group of the Clear Lake area chapter of the National Space Society will meet at 2 p.m. September 12 at Silicon Graphics, 11490 Westheimer, Suite 100. For more information, call Murray Clark at (281) 367-2227.

September 14

Aero Club meets: The Bay Area Aero Club will meet at 7 p.m. September 14 at the Houston Gulf Airport clubhouse at 2750 FM 1266 in League City. For more information call Larry Hendrickson at x32050.

NPMA meets: The National Property Management Association will meet at 5 p.m. September 14 at Robinette and Doyle Caterers, 216 Kirby in Seabrook. Dinner costs \$14. For more information call Sina Hawsey at x36582.

September 15

Astronomy seminar: The JSC Astronomy Seminar Club will meet at noon September 15, 22, and 29 in Bldg. 31, Rm. 248A. For more information, call Al Jackson at x35037.

Scuba club meets: The Lunarfins will meet at 7:30 p.m. September 15. For more information, call Mike Manering at x32618.

Spaceland Toastmasters meet: The Spaceland Toastmasters will meet at 7 a.m. noon September 15, 22, and 29 at the House of Prayer Lutheran Church. For more information, call George Salazar at x30162.

Spaceteam Toastmasters meet: The Spaceteam Toastmasters will meet at 11:30 a.m. September 15, 22, and 29 at United Space Alliance, 600 Gemini. For more information, call Patricia Blackwell at (281) 280-6863.

September 16

Communicators meet: The Clear Lake Communicators, a Toastmasters club, will meet at 11:30 a.m. September 16, 23 and 30 at Freeman Library, 16602 Diana Lane. For more information, call Allen Prescott at (281) 282-3281 or Mark Caronna at (281) 282-4306.

NSS meets: The Clear Lake area chapter of the National Space Society will meet at 2 p.m. September 16 at the Freeman Memorial Branch Library, 16602 Diana Lane. For more information, call Murray Clark at (281) 367-2227.

Directors meet: The Space Family Education board of directors will meet at 11:30 a.m. September 16 in Bldg. 45, Rm. 712D. For more information on this open meeting, contact Lynn Buquo at x34716.

September 17

Star Party: The JSC Astronomical Society will host a public star party at Moody Gardens September 17. For more information call Chuck Shaw at x35416.

September 27

Alzheimer's support group meets: The Clear Lake Alzheimer's Caregiver Support Group will meet at 7:30 p.m. to 9 p.m. September 27 in the first floor conference room, St. John Hospital West building, Nassau Bay. For more information, contact Nancy Malley at (281) 480-8917 or John Gouveia (281) 280-8517.

September 30

Radio Club meets: The JSC Amateur Radio Club will meet at 6:30 p.m. September 30 at the Piccadilly, 2465 Bay Area Blvd. For more information, call Larry Dietrich at x39198.

October 2

Star Party: The JSC Astronomical Society will host a public star party at Challenger 7 Park. For additional information call Chuck Shaw at x35416.

SPACE CENTER **Roundup**

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