



Space Station passes sixth year under construction

▲ **ISS Update:** Expedition 10 Commander Leroy Chiao and Expedition 10 Flight Engineer Salizhan Sharipov will continue to maintain hardware and conduct scientific research on ISS for the next six months. The Space Station has been under construction for six years, since the arrival of the first element, the Russian Zarya module, in 1998. Major assembly is set to resume with the return of the Space Shuttle to flight next year.

Research on the Space Station this year was refocused to directly support the Vision for Space Exploration, with human life science experiments taking on highest priority. One such experiment was the Advanced Diagnostic Ultrasound in Microgravity, used to develop the remote medical diagnostic and telemedicine capabilities needed by crews on distant exploration missions. Another experiment, called FOOT, evaluates the exercise forces necessary to maintain muscle and bone health on long-duration missions. A related experiment, called Biopsy, continues to study some of the fundamental principles involved in muscle atrophy that occurs during space flight.

▲ **New Recycle Bins Are In:** By mid-November 2004, each desk employee at KSC should have a blue

rectangular deskside container marked "KSC RECYCLES." These deskside bins are similar to the residential curbside bins and are to be used for the collection of acceptable mixed office paper for recycling (see below). Please **do not use** the deskside bins for storage of your active/inactive files or records, or for moves or other nonrelated recycling activities. Since these containers were purchased by the KSC Recycling Program, please **do not remove them from the Center.**

In order to maximize our recycling program, the following guidelines are provided to help educate you on the aspects of the program that has been streamlined and changed in the past few months.

Following is what should be placed in your deskside recycle bins: White/colored paper (all), Post-it® Notes (all), business cards, drafting paper, index cards, manila and colored file folders, coated recyclable paper (no slick paper; i.e., magazines, etc.), construction paper, computer and fax paper, colored paper envelopes, stapled and paper-clipped material (no binder clips), NCR carbonless forms, and cash register and adding machine tape.

Please do not place newspapers, magazines, cardboard, catalogs, brochures, magazines, notepads or

New deskside recycle containers await distribution to KSC employees

booklets in the mixed office paper recycling containers. Still have questions? Call 867-8454 or 867-8413, or send an e-mail to Alice.F.Smith@nasa.gov.

■ **KSC Technology Expo** — The IT Directorate invites you to visit the KSC Technology Expo from 10 a.m. – 2 p.m. Nov. 16 and 17 in the Mission Briefing Room, O&C. Complimentary refreshments and giveaways will be provided while supplies last. Twenty different exhibitors each day will be on hand demonstrating the latest in interactive multimedia communications, IT infrastructure, servers and desktops, cost-effective security, international cellular phones, automated storage solutions, enterprise solutions, office supplies, hardware/software, and much more!

■ **NASA Science** — You won't want to miss this: Venus and Jupiter, the two brightest planets, will be close together just before sunrise on Thursday and Friday. Read the full story at http://science.nasa.gov/headlines/y2004/02nov_venusjupiter.htm?list550276.

■ **Did You Know?** Three weeks from today is Thanksgiving, after which there are only 36 days until the end of 2004.