

Expedition 6 crew on ISS begin experiment in repaired Glovebox



Beat the Boss fun run planned on Cocoa beach April 12

▲ **ISS Update:** Commander Ken Bowersox, Flight Engineer Nikolai Budarin and NASA ISS Science Officer Don Pettit spent the have been advancing their science agenda and getting a major experiment apparatus, the Microgravity Sciences Glovebox (MSG), working again after weeks of troubleshooting an electrical problem. The MSG, which provides a sealed environment for delicate microgravity experiments that involve fluids or flames, completed a long-duration test run and was cleared for normal operation beginning Monday. First up is the experiment known as InSpace (Investigating the Structure of Paramagnetic Aggregates from Colloidal Emulsions), studying how particles and clumps of particles respond to an external magnetic field. This experiment is a step to the future production of improved fluids used in braking and vibration damping systems, and for new applications like seismic dampers to make high-rise buildings more resistant to earthquakes. The MSG was built in collaboration by the European Space Agency and NASA's Marshall Space Flight Center in Huntsville, Ala., the site of the ISS Payload Operations Center.

▲ **Beat the Boss Fun Run** – An event that puts as much emphasis on "fun" as "run, the 12th Annual Beat The Boss event will take place April 12 at Coconuts On The Beach. The event is open to all KSC employees (NASA and contractors), their families and U.S. military personnel. The event was scheduled to take advantage of low tide. "Beat the Boss" includes a 5,000-meter (3.1 mile) run and a 2-mile walk. The 5K run will start on the beach, 1/10 of a mile north of Coconuts. It will run 1.5 miles north, and return 1.6 miles south and finish at Coconuts. The 2 Mile Walk will start at the same location as the 5K, but will turn around at the 1-mile mark and finish at Coconuts. The main intent of the Beat The Boss event is to encourage good health through exercise and provide an opportunity to meet and share time with employees, their families and The Bosses. Designated Bosses to beat in the 5K Run and 2 Mile Walk will be wearing specially colored shirts. Among

the designated bosses to beat this year is Russ Turner (USA CEO) and Mike McCulley (USA COO). Awards will be presented to all employees who beat all the designated bosses in the 5K Run or 2-mile walk. Following the run and walk will be a pancake breakfast prepared by Coconuts On The Beach.

◆ **NASA-sponsored blood drive with the Space Coast Blood Bank** – A Blood Donor Drive is being held Tuesday, April 8. The Space Coast Blood Bank will be accepting donations on Center from 8 a.m. to 4 p.m. in a Bloodmobile located behind the Headquarters Building Courtyard. For additional information, please contact the web site <http://ba.ksc.nasa.gov/blooddrive.htm>. If you would like to schedule your appointment, please contact Zidi Gleman, e-mail gleman@cfbb.org. *Donate the gift of life and receive a free commemorative Columbia T-shirt (1st 90 donors).*

◆ **Did You Know? Tickets for KSC All-American Picnic go on sale April 7** -- Ticket sales for the 2003 KSC All American Picnic begin Tuesday, April 7! Advance tickets are \$5 for Adults and \$3.50 for children ages 3 through 12 (age 2 and under is free). A ticket is required for entry into the park and includes the children's carnival and rides, children's games, fishing tournament for kids, entertainment, the wild cats, sport games, pony rides, K-9 show, displays, car show, and lunch. Tickets are available at the following locations:

HQ, O&C, SSPF and OSB Sundry Stores;
Beth Smith - HQ 4th Floor; **Mary Baldwin** - HQ Room 3144; **Tony Blizard** - EDL Room 201; **Marsha Straughan** - TRM 017 Room 100; **Sherry Bianco** - LCC Room 4R8; **Carol Swem** - NSLD1 Room 421; **Debbie Doyle** - NSLD2 Room 614; **Peggy Parrish** - Bldg. 55150 Room 204, CCAFS; **Charlene Laferriere** - E&O Bldg. Room 2004

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Deadlines: 10 a.m. Mondays & Wednesdays. Send information, comments or questions to:

◆ E-mail – Anita.Barrett-1@ksc.nasa.gov ◆ Telephone – 321-867-2815

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