



countdown

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Discovery gets new seal for landing gear strut

◆ **Shuttle Update:** In bay 3 of the Orbiter Processing Facility, United Space Alliance and B.F. Goodrich technicians (see photo below) have removed and replaced a leaking dynamic seal on space shuttle **Discovery**. Engineers determined that the observed leakage of hydraulic fluid in the right main landing gear strut exceeded specification and could not be reduced to an acceptable rate.



Discovery had been scheduled to roll over Wednesday from its processing hangar to the Vehicle Assembly Building. A new rollover date is yet to be determined.

◆ **ISS Update:** On Sept. 27, Expedition 15 Commander Fyodor Yurchikhin and flight engineers Oleg Kotov and Clay Anderson will move the Soyuz from a docking port on the Zarya module to another port on the Zvezda module. The half-hour flight will be broadcast live on NASA TV beginning at 2 p.m.

The Soyuz move frees the Zarya docking port for the arrival of the next crew, set to launch Oct. 10 in another Soyuz from the Baikonur Cosmodrome in Kazakhstan. Expedition 16 Commander Peggy Whitson, Soyuz Commander and Flight Engineer Yuri

Malchenko and Malaysian spaceflight participant Sheikh Muszhaphar Shukor will dock to the station Oct. 12. Kotov, Yurchikhin and Shukor will return to Earth Oct. 21 in a Soyuz.

Anderson, who has been aboard the station since June, will remain with Whitson and Malchenko as a member of the Expedition 16 mission.

NASA will hold a pair of media briefings on Sept. 25 to preview the upcoming exchange of crews.

■ **Blood Drive at the O&C** — From 8 a.m. to 3 p.m. on Sept. 25, the Florida Blood Center will hold a blood drive at the O&C Building. Please bring a photo ID with your first and last name on it. For an appointment, e-mail Lillian Belmont at LBelmont@floridabloodcenters.org. Walk-ins are also welcome.

■ **SunDay Challenge: Alternative Energy Vehicle Technologies** — The SunDay Challenge event Oct 6-8 will showcase and promote alternative energy technologies to power vehicles. Vehicles powered by electricity, solar, ethanol, biomass, bio-diesel, hydrogen, natural gas, propane and other renewable energy sources will compete in this multi-activity event. Though some vehicles are prototypes of future car technologies being tested, many are viable commercially available vehicles. The three-day event will consist of performance testing, auto-cross, road rally and a workshop, all beginning at the Florida Solar Energy Center.

The event is hosted by the Florida Solar Energy Center, Florida Electric Auto Association, Florida Institute of

Space station preps for new crew arrival

Technology and Space Coast Clean Cities Coalition. This is an educational event. All are welcome. Go to the Web site <http://www.fsec.ucf.edu/en/media/events/sundaychallenge> for more information.



■ **Intercenter Run Rescheduled** — The rainout date for the Intercenter Run is now scheduled for

5 p.m. on **Sept. 25**. The 2-mile walk/run, 5K run and 10K run are FREE for all spaceport employees. Stop by either fitness center by Friday to pre-register. Late registration takes place at the race. If you have any questions, please call 867-7829 or e-mail Debra.L.Orringer@nasa.gov.

■ **M.S. in Computer Science Coming to KSC Area!** — Register now – there are only a few seats left! Advance your career with a Master of Science in computer science degree from Webster University. Classes will meet one night a week in a format designed for working professionals in the KSC area starting in October. Complete your degree in about two years. No GRE is required. For more information, contact Michelle at spacecoast@webster.edu or call 449-4506.

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