



Tanking test successful, Discovery ready for payloads

KSC celebrates Environmental and Energy Awareness Week

▲ **Return to Flight Update:** On Thursday, the launch team successfully performed an 11-hour External Tank integrated tanking test on **Discovery**. The test also readied **Discovery**'s main propulsion system, allowed technicians operating the hardware to gain first-hand experience on the redesigned tank, and enabled crews to evaluate the overall operation of ground systems in preparation for **Discovery**'s launch on Return to Flight mission STS-114 planned for next month.

In the Space Station Processing Facility, the hatch of Multi-Purpose Logistics Module Raffaello was closed and sealed for flight. The module will carry 12 racks filled with food, clothing, spare parts and research equipment to the International Space Station. Raffaello, along with the External Stowage Platform-2 and the Lightweight Multi-Purpose Experiment Support Structure, is scheduled to be installed into the payload canister by the end of April for transfer to the launch pad.

▲ Environmental and Energy Awareness Week (EEAW)

Wednesday and Thursday: The annual KSC EEAW this year celebrates Earth Day's 35th anniversary, and the theme is "Progress and Challenges Since the Initial Earth



Day Celebration in 1970." There are more than 35 exhibitors this year and six tours (see below for two of them).

Read more about EEAW activities and tours on the Web at <http://eeaw.ksc.nasa.gov/>.

■ **See Tomorrow Technology Driven Today** — The EEAW Car Show will have the Honda FCX fuel cell vehicle on display from 11 a.m. – 2 p.m. Wednesday at the O&C front parking lot and from 10 a.m. – 2 p.m. Thursday at the VAB parking lot near the MFF. Talk with the engineers from Honda. Also, hybrid vehicles, a grease vehicle, cars through the years 1969 – 2005, and four low-speed electric vehicles (from GEM and e-ride) will be displayed. A Drive and Ride will be held in Parking Lot F (bus parking site) at the KSC Visitor Complex 9 – 2 p.m. Friday. You can test drive the HONDA FCX and the two electric vehicles.

■ **EEAW Scrub Jay Tour Is At 11:30 a.m. Wednesday Only** — The lands of the Kennedy Space Center provide one of the last strongholds for the Florida Scrub Jay. During the field trip Wednesday, one of our Refuge personnel will show you scrub jays up close and discuss how KSC lands are managed for this threatened species. Wear comfortable walking shoes (no sandals, please). Sunscreen, bug spray and a hat are advisable. Meet at the EEAW Welcome Table in front of the O&C

Building at 11:30 a.m. Permission from your supervisor is needed. Space is limited. Contact Shannah Trout at 867-8443 to participate.

■ **KSC Aquatics Tours at 9, 10 and 11 a.m. & noon Wednesday and Thursday** — The 1-hour boat trips at 9 and 11 a.m. start and stop from the boat dock on the northeast side of the Banana River Bridge on the NASA Causeway, and trips at 10 a.m. and noon start from the security boat ramp between the VAB and the Shuttle Pads. These trips will travel along the pepper flats area.

■ **Professional Development Seminar** — Registration is now open for the Society of Women Engineers' professional development seminar, "Tools for Your Future," to be held May 25 at the Radisson in Cape Canaveral. Keynote speakers are Janet Nickloy, vice president of engineering for Harris Corporation, and Laurette Koellner, president of Connexion by Boeing. Check the Web site at <http://www.swe-sc.org/Seminar> for more details.

■ **Did You Know?** Weight Watchers starts a new 15-week series on April 28. The meetings are held 11:15 a.m. to 12:15 p.m. Thursdays at HQ, room 2254. If you have any questions, please contact Marilyn Clark at 321-504-2979 or Debra Erving at 867-4188, or send e-mail to ervinDE@kscems.ksc.nasa.gov.