



Delta IV rocket elements mated for trip to pad, launch of weather satellite

▲ **ELV Update:** In the Horizontal Integration Facility, technicians last week completed the mating of the GOES-N/Boeing Delta IV second stage to the first stage. The Delta IV was moved Feb. 15 to the launch pad at Complex 37, Cape Canaveral Air Force Station, for the launch of GOES-N for the National Oceanic and Atmospheric Administration. Launch is scheduled for May 4.



▲ **Mars Update:** NASA's Spirit rover found a new class of water-affected rock on Mars, while its twin, Opportunity, finished inspecting its own heat shield and set a new martian driving record. The rovers successfully completed their three-month primary missions in April 2004 and are working now on extended exploration missions.

Opportunity used its microscopic imager to examine a cross-section of the heat shield that protected the spacecraft as it slammed into the Mars atmosphere. This is the first

time experts have been able to examine a heat shield after it entered another planet's atmosphere. Engineers expect the findings to aid design for future missions.



■ **Road Work** — Electrical and road work on 5th Street to South Kennedy Parkway begins today. The contractor is installing new conduit runs for changes in the wiring for the signals, and two left-turn lanes. Workers will be on the site from 8:30 a.m. through 3 p.m., working close to the road edge. Please pay close attention to the signs and workers when driving in this area of KSC. All work is expected to be completed by the end of March. Questions or comments can be addressed to Jim Lorence, NASA Construction Management, at 867-9293, or at james.lorence-1@nasa.ksc.gov.

Thank you in advance for your cooperation and attention while we try to improve the driving conditions at KSC.

■ **Hazardous Weather Awareness Week** — The week of Feb. 21-25 is Florida Hazardous Weather Awareness Week. The state will focus on a different weather hazard each workday: Monday's focus is Lightning, Tuesday's is Marine Hazards, Wednesday's is Tornadoes and

Mars rovers still working, making new findings a year after landing

Thunderstorms, Thursday's is Hurricanes and Flooding, and Friday is Temperature Extremes and Wildfires. The Web site <http://www.floridadisaster.org/documents/HazWx2005.pdf> also has information about each weather hazard.

■ **Education Opportunity** — Florida Institute of Technology is accepting applications for the summer 2005 semester May 16 through July 29. M.B.A. degrees in acquisition and contract management and accounting, and an M.S. degree in engineering management are offered. The School of Management is located at Kennedy Space Center and Patrick Air Force Base. Contact Sharon Anderson at sanderso@fit.edu or 453-2030 for additional information.

■ **Did You Know?** The second nutrition workshop for the newly developed N.E.W.S. (Nutrition Education for Workers at the Spaceport) program will be "Nutrition for Cardiovascular Disease" and will be held from 11:30 a.m. to 12:30 p.m. Feb. 23 in the OSB, Room 6320. Special guest speaker is Noreen Williams, R.D., the PAFB Health and Wellness Center dietician. For more information, contact the KSC/CCAFS Health Education administrator, Kris Calderon, at 867-3414 or e-mail Kristine.Calderon@jbosc.ksc.nasa.gov.