



## Second Mars Rover arrives at KSC for prelaunch testing

## EEAW Days April 22-23 include energy-saving exhibits

▲ **Mars Exploration Rovers:** The second of two Mars Rovers, MER-2, arrived at KSC Tuesday, and was delivered to the Payload Hazardous Servicing Facility. While at KSC, each of the rovers, aeroshells and landers will undergo a full mission simulation. All of these flight elements will then be integrated. After spin balance testing, each spacecraft will be mated to a solid propellant upper stage booster that will propel the spacecraft out of Earth orbit. Approximately 10 days before launch, they will be transported to Launch Complex 17-A, Cape Canaveral Air Force Station, for mating with their respective Boeing Delta II rockets.

### ▲ Special opportunities coming during EEAWeek, April 22-23:

- **Energy 101 Presentation** -- Kevin P. Riley, P.E., from the SGS Energy Management Office, will speak about energy-related concepts, including the difference between energy and power. Answer the Who, What, Where, How and Why of energy at KSC. Where: At the Environmental & Energy Awareness Tent. Time: 10-10:30 a.m.

- **Safety and Security of Indoor Air Quality** -- Henry M. Healey, P.E., of Healey and Associates, will discuss how your IAQ can be compromised and what to do about it; concrete advice on breathing healthy air at home and at work. Where: At the Environmental & Energy Awareness Tent. Time: 10:45-11:15 a.m.

- **Amnesty Day** -- Amnesty Days during EEAWeek 2003 will be held at the O&C Parking Area April 22 and at the VAB Parking Lot E April 23. This is an excellent opportunity for KSC workers to dispose of unwanted Government chemicals, which may be from any KSC office, shop, laboratory or POL. All types of chemicals will be accepted except for biohazardous materials, radioactive materials and explosives. For information, contact James A. Chappell CHMM, lead environmental engineer, CHS Waste Operations, 861-1330, or fax 867-9466.

- **Check Out the E85 Minivan at EEAWeek** -- The 2000 Dodge Caravan can run on regular gas or E85, a mixture of 85% ethanol and 15% gasoline. The ethanol comes from corn grown in the U.S., a renewable resource. Any vehicle using the E85 fuel gets slightly reduced mileage and has slightly reduced power, but the engine's interior remains sparkling clean over thousands of miles. Exhaust pollutants are greatly reduced. Come visit the car show and see the E85 Minivan from 9 a.m. to 3 p.m.

- **Take a Spin on the Segway Human Transporter** -- Come to the Environmental Policy Booth and sign up to drive a Segway (HT). What is it? It is the first self-balancing, electric-powered transportation device. The device is narrower than a standard doorway and is clean and quiet. There are zero emissions. With dimensions no larger than the average adult body and the ability to emulate human balance, the Segway HT uses the same space as a pedestrian and can go wherever a person can walk. The Segway HT will allow people at home and at work to go farther, move more quickly, and increase the amount they can carry anywhere they currently walk. For commercial settings, it is ideally suited for large scale manufacturing plants and warehousing operations, travel and tourism, public safety, corporate and campus transportation, as well as mail, package and product delivery.

- ◆ **Volunteers Needed** -- The KSC All American Picnic Committee needs volunteers to help in a number of areas including Children's Games and Family Sports. If interested in helping out, please contact Mark Biesack, via e-mail at [Mark.C.Biesack@nasa.gov](mailto:Mark.C.Biesack@nasa.gov) or phone 321-867-6288. The picnic is April 26, at Kars I.

◆ **Did You Know?** Spring arrives Thursday, March 20, beginning at 8 p.m. EST.

KSC Countdown is published every Tuesday & Thursday.

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

◆ E-mail – [Anita.Barrett-1@ksc.nasa.gov](mailto:Anita.Barrett-1@ksc.nasa.gov) ◆ Telephone – 321-867-2815

Find KSC Countdown on the Internet at <http://www-pao.ksc.nasa.gov/kscpao/ksccount/2002.htm>