



New Horizons wrapped and ready for delivery to the pad

▲ **ELV Update:** The New Horizons spacecraft was mated with its upper stage on Dec. 11 and encapsulated in the fairing Dec. 13. Transportation to Complex 41 on Cape Canaveral Air Force Station is expected to take place Friday. The launch vehicle for New Horizons is an Atlas V rocket, scheduled to launch during a 35-day window that opens Jan. 11, and fly through the Pluto system as early as summer 2015.

▲ **Crawler Anniversary:** On Jan. 18, KSC will honor the 40th anniversary of the first successful load-carrying run of the first crawler. It lifted the 447-foot, 10.6-million pound launcher umbilical tower no. 1 and moved it 3/4 mile in nine hours. Read more about this celebration in upcoming issues of *KSC Countdown*.

■ **Education Opportunity** — Registration is now open for the spring 2006 semester courses available through the University of Florida College of Engineering's UF EDGE (Electronic Delivery of Graduate Engineering) program. Registration ends Jan. 6 and classes begin Jan. 9. Course listings and syllabi are available at <http://ufedge.eng.ufl.edu>. UF EDGE offers flexible online programs for busy engineering professionals. Program areas include electrical engineering; general computer

engineering/computer science; computer engineering/computer science with an emphasis on bio-informatics; civil engineering; environmental engineering with a specialization in water resources planning and management; mechanical and aerospace engineering with specializations in thermal fluids transport and in solid mechanics and design; and in materials science and engineering. Graduate certificate programs in environmental policy and management and in materials science and engineering are also available.

■ **Introducing Girls to Engineering Workshop** — The Society of Women Engineers is once again sponsoring "Introducing Girls to Engineering Workshop" on Jan. 21 at Merritt Island High School. This full-day program of hands-on activities for girls in third through ninth grades will provide the students insight into engineering as a career while introducing engineering concepts and having fun. Full information on this program is available at www.swe-sc.org/IGEW. A two-page flyer and registration form are online at <http://www.swe-sc.org/IGEW/RegistrationForm.pdf>.



■ **Holiday Reminder** — It takes commitment from everyone at the

Crawler's first steps to be honored in 2006

spaceport to help KSC and CCAFS save energy dollars; therefore, please remember to:

- Turn off your computer, monitor and printer (if not required to remain on).
- Turn off the lights in your office when you are the last person to leave.
- Turn off the hall and hall closet lights on your way out if you are the last person to leave your area in the building.
- Turn off displays and decorative lights.
- Turn off or unplug any appliances in the office, such as coffee makers, desk lamps, fans, radios, etc.
- Turn off the copier machines (including hallways) and scanners.
- Close the blinds on all windows.

■ **Last Chance** — Massage therapist Valerie is offering a holiday discount through Dec. 23: A 30-minute massage is only \$20. Contact Valerie, (L.M.T. #19362) at 867-4762 or JaramVS@kscems.ksc.nasa.gov. Massage therapy is available Tuesday to Friday in Room 1023 in the O&C Building, and hours are flexible. Gift certificates are also available and make great holiday gifts.

■ **Did You Know?** The *KSC Countdown* will be on hiatus for two weeks beginning Dec. 22. The last issue in 2005 will be Dec. 20. *Countdown* will resume on Jan. 5.