KSC COUNTDOWN

To improve life here · To extend life there · To find life beyond

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Deep Impact arrives at KSC for December launch

▲ **ELV Update:** The NASA Discovery Mission Deep Impact spacecraft arrived yesterday from Ball Aerospace and Technologies Corp. in Boulder, Colo. It was taken to Astrotech Space Operations in Cape Canaveral, Fla.

Deep Impact is designed to launch a copper projectile into the surface of Comet Tempel 1 on July 4, 2005, when the comet is 83 million miles from Earth. When this 820-pound "impactor" hits the surface of the comet at nearly 23,000 miles per hour, the 3- by 3-foot projectile will create a crater hundreds of feet in size. Deep Impact's flyby spacecraft will collect pictures and data of how the crater forms, measuring the crater's depth and diameter, as well as the composition of the interior of the crater and any material thrown out, and determining the changes in natural outgassing produced by the impact. It will send the data back to Earth through the antennas of the Deep Space Network.

Deep Impact is scheduled to launch aboard a Boeing Delta II rocket from Launch Complex 17 at Cape Canaveral Air Force Station, Fla., on Dec. 30, 2004.

Later this week the spacecraft will undergo functional testing to verify its "health" after the road trip from Colorado.

▲ **"KSC, Can We Talk?":** On Nov. 3, KSC will hold its second "KSC, Can We Talk?" forum with Center Director Jim Kennedy in the form of a brown bag lunch from noon to 1 p.m. This informal dialogue attempts to enhance the workplace culture and create open communications.

Limited to 12 employees, the "KSC, Can We Talk?" has no prepared, preselected, or predetermined topics. The topics are provided by the participants, who will be selected via a random lottery. Participants must be **nonsupervisory, non-SES, and GS-14 or below**. To apply for this opportunity, send e-mail by Oct. 28 to *CanWeTalk@kscems.ksc.nasa.gov* with your name, mail code and phone number.

Previously selected employees who could not attend must reapply; also, attendee participation has been limited to once a year. If you have any questions, please send e-mail to *Gisele.Altman-1@nasa.gov*, or call 867-4000. *(Date subject to change due to Mr. Kennedy's schedule).*

■ **Environmental & Energy Awareness Week (EEAW) Planning Team** — The EEAW team is meeting at **10 a.m. Nov. 4** in the O&C Building/ Rm. 1055 to plan the activities for the 2005 EEAW in celebration of Earth Day. If you would like to participate in the planning, join the team. If you cannot make the meeting, call John Ryan, 867-8413 or Barbara Naylor, 867-8452.

■ **NASA Science News** — On Wednesday night North Americans can see a total eclipse of the moon, a blood moon. Read the full story at **http://science.nasa.gov/headlines/y2004/13oct_lunareclipse.htm.**

Deadline nears to apply for brown bag forum with CD

■ **Education Opportunity** — The University of Miami (Cape Canaveral Programs) is accepting applications for the Master of Science in Management of Technology (MSMOT) and Master of Science in Industrial Engineering (MSIE) for spring 2005. Both programs will be taught in Cape Canaveral. Friday evenings and Saturdays to accommodate working professionals. For more information and to receive an application/ brochure, please call Augusto Roca, program administrator, at 305-284-4100, or e-mail *augusto@miami.edu*.

■ **Schools are looking for science fair judges** — Administrative Officers will have a list of fairs occurring in 2004 (request for 2005 fairs will come later). If interested, please get your supervisor's approval, and then notify your Administrative Officer. You will later receive an electronic meeting invitation.

■ **Did You Know?** The Make A Difference Day Project ends **Friday**. Collection boxes for food and personal care items are in *HQ Building:* Rooms 3321, 2451, 3169D, 2321E, 2640F, 2649, 2328; *OSB*: Area 1405; *CCAFS*: R&D, Room 121; Hangar I Annex (Bldg. 55150), Room 204.

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E-mail news to *Anita.Barrett@jbosc.ksc.nasa.gov*. For questions or information, e-mail or call 321-867-2815
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