



KSC counts down to liftoff Wednesday at 3:51 p.m.

ISS crew tracks Dennis over Caribbean



▲ Shuttle

Update: The launch countdown clock began at 6 p.m. Sunday at the T-43 hour mark, counting down

toward a launch of Space Shuttle Discovery on mission STS-114 on Wednesday at 3:51 p.m. The launch control team members are in firing room 3 of the Launch Control Center at NASA's Kennedy Space Center and will be monitoring their system consoles.

The STS-114 crew spent Sunday in various reviews, including a briefing with the Astronaut Support Personnel and the Vehicle Integration Test Office and a bench review of the items in the tile repair kit and the new Cure in Place Ablator Applicator for use in on-orbit tile repair.

The L-3 day weather forecast shows that probability of weather prohibiting the launch of Discovery is 30 percent, with the probability of weather prohibiting tanking at only five percent. Temperature at launch is forecast at 86 degrees and a relative humidity of 70 percent.

The Solid Rocket Booster retrieval ships *Liberty Star* and *Freedom Star* will depart from KSC at noon today and travel to their location for launch, about 140 nautical miles downrange of the launch pad.

"NASA will be a different Agency the day after this mission is complete. STS-114 begins a bold new chapter in human spaceflight history as we carry out the first step of our nation's new Vision for Space Exploration. I wanted to pause for a moment to thank everyone for making the personal sacrifices necessary over the past 29 months to reach this day. All the credit for a successful launch and mission will be yours, whether NASA or contractor employee."

-- Jim Kennedy, Center Director

▲ **ISS Update:** Station television cameras captured video as it passed over what was then Tropical Storm Dennis. Late Wednesday, cameras captured views of the storm as the Station passed over the Caribbean, south of Haiti, and over the Gulf. Throughout last week, the crew also had numerous other Earth observation and photo opportunities including sightings of Mount Kilimanjaro in Kenya, the Nile River Delta in Egypt, and Hong Kong.



■ **Celebrate Return to Flight By Giving the Gift of Life** — Central Florida Blood Centers has rescheduled the next

blood drive for **July 20** from 8 a.m. to 3 p.m. in front of the O&C Building. Everyone is welcome to donate. The July blood drives are particularly important to local hospitals because increased holiday and vacation traffic mean increased blood demands. The incentives for July are free admission to Arabian Knights Dinner Attraction and a huge

discount at Wet-N-Wild! For more information or to schedule your appointment, e-mail Aida at teaguan@kscems.ksc.nasa.gov.



■ **July 2005 Cardiovascular Disease (CVD) Screening** — Wednesday at

KSC's Occupational Health Facility, CVD screening is available from 7 to 9 a.m. No appointment is necessary. You must fast (water only) for 12 hours prior to screening. The two-page CVD questionnaire can be picked up at any medical facility. You can also download the form from <http://kscbocforms/KSCForms2/ref/KSC28-1010.itr> or from <http://sgs.ksc.nasa.gov/sgs/sites/other/chs/omehs/occmcd/home/files/KSC28-1010.pdf>. If you have any questions, please call 867-3414.

■ **Did You Know?** Details on Space Station science operations can be found at <http://scipoc.msfc.nasa.gov/>.