KSC COUNTDOWN

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O'Keefe talks to employees about Apollo 11 anniversary

▲ **NASA Update:** Employees are invited to join Administrator Sean O'Keefe for a special NASA Update today at 11 a.m., live from NASA Glenn Research Center's Electric Power Laboratory in Cleveland. The broadcast can be seen on NASA Television and will be webcast on http://www.nasa.gov

During this edition of NASA Update, O'Keefe will mark the history-making Apollo 11 mission to the Moon. Mission Commander Neil Armstrong will also be at Glenn Research Center. Employees will be able to ask questions from participating NASA centers or from the Glenn laboratory.

▲ **ISS Update:** Aboard the International Space Station, the Expedition 9 crew concentrated on a host of scientific experiments and routine systems maintenance work in its 13th week in orbit.

Commander Gennady Padalka and NASA ISS Science Officer Mike Fincke conducted numerous biomedical experiments, including a Russian experiment named "Profilaktika," designed to measure Padalka's cardiovascular condition while pedaling on a bicycle ergometer in the Zvezda Service Module. Fincke operated a fluid dynamics experiment in the Destiny Lab to measure how spheres of liquid emitted from syringes migrate in microgravity to form a single sphere. He also tested the properties of foam in a weightless environment.

Padalka and Fincke also participated in a pair of simulated emergency drills on board to maintain proficiency in handling medical emergencies and the unlikely depressurization of the Station cabin.

■ **NASA Awards Ambassadors of Exploration —** During a special ceremony tonight to commemorate the 35th anniversary of human exploration of the Moon, Sean O'Keefe will name NASA's first generation of astronauts and former CBS News anchor Walter Cronkite "Ambassadors of Exploration." To recognize the sacrifices and dedication of the Mercury, Gemini and Apollo astronauts, each will be presented a lunar sample, returned during the six lunar expeditions from 1969 to 1972.

Walter Cronkite is the only non-astronaut selected for the award. During the Apollo 11 mission, Cronkite was on the air for 27 of the 30 hours it took for the Apollo 11 astronauts to complete their mission on the lunar surface. Cronkite believed the space race was one of the most important events of the 20th century.

The 35th anniversary event can be seen live on NASA Television and on NASA's Internet homepage at **www.nasa.gov** at 7:30 p.m.

■ **Supporting American Troops —** Employees of SGS Information Management (I. M.) Directorate have mailed 77 packages for military troops in Iran/Afghanistan since April. SGS President **Bill Sample** encourages all employees to join the I. M. effort. **Space Gateway Support, LLC** is paying for the cost of the postage. If you have a friend or relative serving abroad and want to include them in this project, contact Joy Antonucci, I. M. Directorate secretary, at 867-7660 or Elaine Brabaw, JITSO Security Office, at 867-7003 with the official mailing address. To learn more about the program and to view criteria, go to the www.anysoldier.US. Web site or view the I. M. Homepage for details.

■ **Reminder —** To help commemorate the 35th anniversary of the Apollo 11 Moon mission, the KSC Visitor Complex has special appearances by Apollo astronauts:

July 20: Charlie Duke, Apollo 16
Appearances at 11 a.m. and 2 p.m.
July 24: Al Worden, Apollo 15
Appearances at 11 a.m. and 4 p.m.
July 27: Jim Lovell, Apollo 8 and Apollo 13: Times to be determined.
Appearances are open to the public and included in admission.

■ **Do you know how much water should you be drinking?** Go to http://www.weather.com/outlook/health/fitness/tools/hydration/32940?x=27&weight=165&time=30&y=11.

ISS Expedition 9 crew works on experiments

KSC Countdown is published every Tuesday & Thursday. Deadlines are 10 a.m. Mondays & Wednesdays.
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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