



Strategic Space Development
Our consulting experts provide cutting-edge training in all phases of business development.

1.888.327.3993
bdcourses.com
September 3 —Online Course
Project Management: A Return to Fundamental
September 16–18—Arlington, VA
Business Development & Competitive Intelligence

Advertisement



[Home](#) | [More News](#) - [Upcoming Events](#) - [Space Station](#) - [Get our Daily Newsletter](#) | [RSS/XML News Feeds Available](#)

Buy a - [SpaceRef Mug](#) - [Arthur Clarke Mars Greenhouse Mug](#) - [SpaceRef T-Shirt](#) - [NASA STS-125 Store](#)

NASA ESMD PAO Statement Regarding Release of LRO Imagery

Advertisement

Digg STATUS REPORT

Date Released: Monday, June 22, 2009

Source: [NASA Exploration Systems Mission Directorate](#)

submit



STS-119

T-Shirts
Mugs
Golf Shirts
and more

Visit the
SpaceRef Store



[Learn about Telescopes](#)

Recent Status Reports

[First Moon Images From NASA's Lunar Reconnaissance Orbiter](#)



➔ **Keith's note:** I received this by [email](#) from ESMD PAO Representative Grey Hautaluoma this afternoon:

"At the present time the highest priority is to assure safe operation of all LRO [spacecraft](#) subsystems, so we do not yet have a detailed schedule for instrument activation."

LRO's lunar orbit insertion is scheduled for Tuesday morning, followed by orbit trimming burns over the next four days. Then we will be in our commissioning orbit, where we spend approximately two months activating and calibrating the instruments and making observations in support of LCROSS. After those tasks are completed we will enter our normal mapping orbit that is circular at about 50 km altitude.

Until an instrument is properly activated and calibrated, the measurements are not appropriate for release. The time required depends on the instrument. The LRO Camera has to be heated for several days in order to drive out moisture and other volatiles before it is turned on. After this bakeout the LROC focus will have to be checked and adjusted. As another example, the LAMP ultraviolet spectrometer has requested a late activation near the end of the commissioning period, in order to provide a maximum duration for outgassing of the instrument to decrease contamination.

Planetary missions usually have a cruise phase of months to years before they reach their destination planet. Missions use this cruise phase to activate and checkout all the spacecraft subsystems and to activate and calibrate the instruments. Because the moon is only a few days away, we do these activations and calibrations during our commissioning phase. Once we enter our normal mapping orbit in late August, we will be able to provide a schedule for when images of particular targets will be made.

Because of the great interest in our early data, particular the images, we have a high priority on getting them made and released to the public as soon as possible. In fact, the decontamination heaters on the LRO Camera were turned on this past weekend, ahead of the original schedule. We may be able to release some images during the calibration phase of LROC if practicable. Our goal is to get images out as soon as we can, possibly starting sometime in July. ASU and NASA will be working to get the best images out on nearly a daily basis once LROC is fully online. Due to the massive amount of data that will be coming down from LRO, we're evaluating how to best present the raw material before the mandatory submission to the Planetary [Data System](#), and I will keep you informed as I have more details."

Share and Enjoy:



[Mercury](#) - [Venus](#) - [The Moon](#) - [Mars](#) - [Jupiter](#) - [Saturn](#) - [Pluto](#)



RADWIN empowers [service providers](#) so they can deliver [high speed Wireless broadband Access](#) services.

Search SpaceRef News

News from [Commercial Space Watch](#)

- [OMEGA and the Lunar Pioneers - The Speedmaster reunites four Moonwalkers](#)
- [NASA Glenn's Software Receives Recognition](#)
- [ATK Awarded Contract for Ares I Upper Stage Ullage Motor](#)
- [ITT announces advanced image processing capabilities and support for SAR data from COSMO-SkyMed](#)
- [Seabiotic USA and NASA Glenn Research Center Signed Agreement for Large Scale Microalgae Process Optimization](#)
- [Two Flight Surgeons Supporting Wyle's Bioastronautics Contract Selected for New Astronaut Class](#)
- [Space Systems/Loral-Built Satellite for SIRIUS XM Radio Successfully Begins Post-Launch Maneuvers](#)
- [ILS Proton Successfully Launches SIRIUS FM-5 Satellite](#)
- [Speaker List Revealed for NewSpace 2009 Conference](#)
- [Ariane 5 soars to another heavy-lift success in lofting the TerreStar-1 mobile communications satellite](#)
- [TerreStar Updates Launch Timetable](#)
- [NASA Solicitation: Exploration Systems Mission: Radiation Standards for Lunar Sortie Missions](#)
- [NASA Spacecraft Bus and Operations Request for Information For the Climate Absolute Radiance and Refractivity Observatory Mission](#)
- [Finalists Selected for the Space Frontier Foundation's Heinlein Business Plan Competition](#)
- [NASA Selects Ball Aerospace for Spaceflight Instrument Support](#)
- Dieses Portal stellt Ihnen die besten online [Casino Bonus](#) und Pokerräume im [Internet](#) vor.
- Play free [bingo games](#) and black out bingo.
- 220Marketing specializes in providing [mortgage marketing](#) for mortgage companies and managers.
- Take your time to tour our site and check out all the fun games we operate. In addition to the 20 [online bingo](#) rooms we operate, we also have online keno.
-

[NASA ISS On-Orbit Status 1 July 2009](#)

[NASA ISS On-Orbit Status 30 June 2009](#)

[EURONEAR - Data Mining of Asteroids and Near Earth Asteroids](#)

[NASA Advisory Council Final Recommendations 16 April 2009 Meeting](#)

Porters Tahoe is the premier online dealer for Skis and [Burton Snowboards](#), visit [PortersTahoe.com!](#)

Bingo world tour - The most comprehensive guide to Play Online [Bingo Games](#)

the best [online casinos](#) guide on the internet offering higher payouts than any land based casino.

Paradise Style Group - [wedding and special occasion dresses](#).



[SpaceRef Asia](#) - [SpaceRef Canada](#) - [SpaceRef Europe](#) - [SpaceRef Search](#) - [Astrobiology](#) - [Mercury Today](#) - [Venus Today](#) - [Moon Today](#) - [Commercial Space Watch](#) - [Mars TV](#) - [Mars Today](#) - [Jupiter Today](#) - [Saturn Today](#) - [Pluto Today](#) - [Space Elevator](#) - [Space Science](#) - [Space Wire](#) - [NASA Watch](#) - [GeneRef Science News](#) - [Nano2Sol](#)

Copyright © 1999-2009 SpaceRef Interactive Inc. All rights reserved. [Privacy Policy](#)