



NEWS CATEGORIES:

Home / News / Science / Space

- NEW! Gadgets
Science
Technology
Webmaster
Security
Microsoft
Linux
Apple
Games
Telecoms
Reviews
Editorials
Interviews
Life and Style

NEWS ARCHIVE >>
SOFTPEDIA REVIEWS >>
MEET THE EDITORS >>

Ads by Google

Astronaut Autographs

Beautiful high quality panoramic prints signed by Apollo Astronauts
www.moonpans.com

Space Shuttle News

Latest Space Shuttle News for Military Professionals & Analysts
Military.EINnews.com

2008-2010 Lunar Coins

Complete Australian Lunar Series All dates and sizes available.
www.GoldenEagleCoin.com/

Nasa Earth Maps

All About Nasa Earth Maps Nasa Earth Maps and much More!
Peeplo.com/Top_Results

Comma Worksheets

Search Comma worksheets and 75k other reviewed worksheets.
LessonPlanet.com

Buy Man on the Moon

Man on the Moon DVD \$2 Buy used DVDs at Great Prices
glyde.com

Space

Fill up on Internet without emptying your pockets.

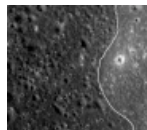


New Series of LRO Images Available They are released by the LROC team

By Tudor Vieru, Science Editor 8th of January 2010, 16:17 GMT

Adjust text size: A- A+

Ads by Google NASA Pictures NASA Earth Maps Space Images NASA Space Space Pictures



ENLARGE

As experts at NASA work around the clock to make Project Constellation, with all of its components, a tangible reality, scientists managing the Lunar Reconnaissance Orbiter (LRO), currently in orbit around the Moon, are fulfilling their part of the mission flawlessly. Just recently, the team announced that it would begin publicizing a new Featured Images series on Earth's natural satellite, which would highlight some of the most interesting places on the body's surface. In addition, a number of images showing potential landing sites will be shown to the public as well.

Before the orbiter took off, experts managing the Lunar Reconnaissance Orbiter Camera (LROC) instrument aboard the spacecraft were given a list of about 50 potential landing sites. All these locations had been pre-selected by NASA experts as possible landing sites. It was the job of the team behind the LROC to image these sites in as greater detail as possible, so that mission planners for Project Constellation could make the best possible decision on where to land next. Each of the regions now has its own, comprehensive set of data.

The new information isn't just comprised of highly-detailed maps. They also feature vital info such as the distribution of boulders on and near the potential landing sites, maps of the slopes leading to and from these areas, as well as digital models of the terrain at the locations. This knowledge will help those planning where to send the Altair Lunar Lander, attached to the Orion Crew Exploration Vehicle, but also experts seeking to set the foundations for new missions to the Moon, involving rovers or static landers, Space Fellowship reports.

Only some of the 50 locations are being seriously considered as landing sites. However, all of them made the list because of their potential. Experts behind this effort say that these sites constitute an encyclopedia of various types of lunar terrain, as well as the most diverse sample study possible, of locations that may contain high value resources. NASA is currently planning to return to the Moon by 2020, as long as ARES I, ARES V, Orion and Altair are each ready at their respective contract termination dates. Otherwise, we could see up to five years in delays, analysts say.

Ads by Google NASA Space Shuttle Mazda B Series M Series Camera Neil Armstrong 'S Animated Series DVD

TAGS: LRO | LROC | Moon | NASA | Project Constellation

Read by 440 user(s) | Add comment | Link to this article

SHARE THIS TWEET THIS

Article rating: NOT RATED 0 vote(s)

Subscribe to news | Print article | Send to friend

© Copyright 2001-2010 Softpedia Contact: newseeditor@softpedia.com

SEARCH THE NEWS ARCHIVE :



MORE RELATED ARTICLES:

- NEO Mission Gains Increasing Support
ISS Extension Is on the Table
NASA Analyzes Why ARES I-X Parachute Failed
NASA Releases New LRO Data

User opinions:

 No user comments yet.
 Be the first to express your opinion using the form below!

Share your opinion:

Your Name:

Your Email Address:
(will not be used for commercial purposes)

Solve this to prove you're not a bot:  =

Your review/opinion:

- [WINDOWS](#)
- [GAMES](#)
- [DRIVERS](#)
- [MAC](#)
- [LINUX](#)
- [SCRIPTS](#)
- [MOBILE](#)
- [HANDHELD](#)
- [GADGETS](#)
- [NEWS](#)

- [SUBMIT PROGRAM](#)
- [ADVERTISE](#)
- [GET HELP](#)
- [SEND US FEEDBACK](#)
- [RSS FEEDS](#)
- [ENTER NEWS SITE](#)
- [ENGLISH BOARD](#)
- [ROMANIAN FORUM](#)