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## Satnews Daily

June 29, 2009

### LRO Becomes Luney Oriented



one year. The spacecraft's instruments will help scientists com many spectral wavelengths. The satellite will explore the moon understanding of the effects of lunar radiation on humans. LR

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**d a half day journey from the Earth, the *ssance Orbiter (LRO) has successfully round the moon.***

A's *Goddard Space Flight Center* in Greenbelt, ed the spacecraft's lunar orbit insertion at 6:27 sday. During transit to the moon, engineers course correction to get the spacecraft in the , reach its lunar destination. Since the moon is ie spacecraft shot for a target point ahead of the e to the moon, LRO used its rocket motor to slow vity of the moon caught the spacecraft in lunar four engine burns over the next four days placed ts commissioning phase orbit. During the ase, each of its seven instruments will be checked nline. The commissioning phase will end days after launch, when LRO will use its engines to rimary mission orbit. For its primary mission, LRO ie moon at about 31 miles, or 50 kilometers, for onal maps of the lunar surface and also survey it at manently sunlit and shadowed regions, and provide moon than any previous mission.