

SPACE EXPLORATION SYMPOSIUM (A3)  
Moon Exploration - Part 2 (2B)

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CURRENT STATUS OF NASA'S INTERNATIONAL LUNAR NETWORK (ILN) ANCHOR NODES  
MISSION

**Abstract**

NASA's Science Mission Directorate's (SMD) International Lunar Network Anchor Nodes Mission continues its concept development and is scheduled to complete the first formal milestone gate of a Mission Concept Review (MCR) in Spring 2009. The mission will establish four nodes of the International Lunar Network (ILN), a network of lunar geophysical stations envisioned to be emplaced by the many nations collaborating on this joint endeavor. This mission will operate over six years or more and make significant progress in satisfying many of the National Research Council's lunar science objectives, while strategically contributing to the U.S. Vision for Space Exploration Policy's objective for a robust robotic lunar program. Introduced last year at the IAC, this paper will provide a status report on the ILN Anchor Nodes mission and overview of the concept to date, which is being implemented jointly by NASA's Marshall Space Flight Center and The Johns Hopkins University Applied Physics Laboratory.