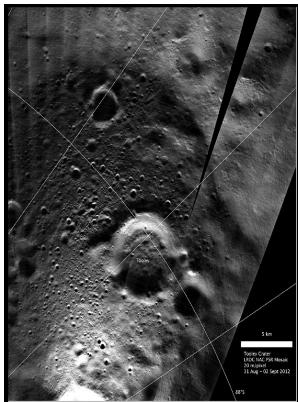


Lunar far-side very low frequency array - proceedings of a workshop

National Aeronautics and Space Administration, Office of Management, Scientific and Technical Information Division - Low Frequency Astrophysics from Space



Description: -

- Wife abuse -- United States
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- NASA conference publication -- 3039Lunar far-side very low frequency array - proceedings of a workshop

Notes: Includes bibliographical references.

This edition was published in 1989



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Low Frequency Astrophysics from Space

The remaining 82% of the surface on the far side remained unknown, and its properties were subject to much speculation. The Space Exploration Initiative presents an opportunity to construct astronomical telescopes on the Moon using the infrastructure provided by the lunar outpost.

Antenna design and implementation for the future space Ultra

Management and Cost: Lone Star Aerospace is composed of a project leader, integration leader, chief technical engineer, administrative leader, and seven technical departments each with its own department leader. Longjiang-2 achieved a lunar elliptical orbit of 357×13704 km after a successful lunar orbit insertion at 25 May 2018 14:08 UTC.

Mobility Study For A Lunar Rover, Proceedings of SPIE

Image data from the CMOS camera could be downloaded via UHF downlink. In any case, both FARSIDE and LCRT should be considered first steps. Such an observatory could investigate very low frequency sources in the 1 to 10 megahertz range, which would normally be drowned out by the constant din of radio traffic from Earth.

Lunar Array for Radio Cosmology

Each of the satellites has a wet weight of only 47 kg, including 15 kg of propellant for the necessary orbit maneuvers, so the mechanics and electronics must be very light-weight. Ephemerides of these objects were input into a global low-thrust trajectory optimization tool in order to calculate rendezvous trajectories for each target, optimizing for minimum propellant mass within the launch window and transfer duration constraints. Although the discovery of transmissions from the Milky Way was on the front page of the New York Times, no one initially knew what to do with the information.

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