### Accepted Manuscript

Mapping and Characterization of Non-Polar Permanent Shadows on the Lunar Surface

J. Andrew McGovern, D. Benjamin J. Bussey, Benjamin T. Greenhagen, David A. Paige, Joshua T.S. Cahill, Paul D. Spudis

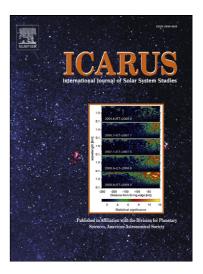
PII: S0019-1035(12)00425-3

DOI: http://dx.doi.org/10.1016/j.icarus.2012.10.018

Reference: YICAR 10420

To appear in: *Icarus* 

Received Date: 17 February 2012 Revised Date: 4 October 2012 Accepted Date: 9 October 2012



Please cite this article as: Andrew McGovern, J., Bussey, D.B.J., Greenhagen, B.T., Paige, D.A., Cahill, J.T.S., Spudis, P.D., Mapping and Characterization of Non-Polar Permanent Shadows on the Lunar Surface, *Icarus* (2013), doi: http://dx.doi.org/10.1016/j.icarus.2012.10.018

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

## **ACCEPTED MANUSCRIPT**

# Mapping and Characterization of Non-Polar Permanent Shadows on the Lunar Surface

J. Andrew McGovern<sup>1</sup>, D. Benjamin J. Bussey<sup>1</sup>, Benjamin T. Greenhagen<sup>2</sup>, David A. Paige<sup>3</sup>,

Joshua T.S. Cahill<sup>1</sup>, and Paul D. Spudis<sup>4</sup>

<sup>1</sup>Johns Hopkins University Applied Physics Laboratory, Laurel, Maryland 20723, USA

For submission to *Icarus*, October 4, 2012

Corresponding author e-mail: Andy.McGovern@jhaupl.edu

<sup>&</sup>lt;sup>2</sup>Jet Propulsion Laboratory, Pasadena, CA, USA

<sup>&</sup>lt;sup>3</sup>University of California, Los Angeles, California, USA

<sup>&</sup>lt;sup>4</sup>Lunar and Planetary Institute, Houston, TX, USA

#### Download English Version:

# https://daneshyari.com/en/article/10701616

Download Persian Version:

https://daneshyari.com/article/10701616

<u>Daneshyari.com</u>