Accepted Manuscript

Morphological mapping of Ganymede: Investigating the role of strike-slip tectonics in the evolution of terrain types

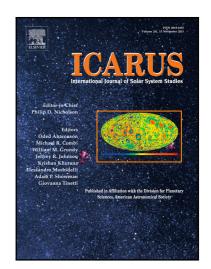
Marissa E. Cameron, Bridget R. Smith-Konter, Liliane Burkhard, Geoffrey C. Collins, Fiona Seifert, Robert T. Pappalardo

PII: S0019-1035(17)30465-7 DOI: 10.1016/j.icarus.2018.06.024

Reference: YICAR 12945

To appear in: Icarus

Received date: 25 June 2017 Revised date: 15 June 2018 Accepted date: 22 June 2018



Please cite this article as: Marissa E. Cameron, Bridget R. Smith-Konter, Liliane Burkhard, Geoffrey C. Collins, Fiona Seifert, Robert T. Pappalardo, Morphological mapping of Ganymede: Investigating the role of strike-slip tectonics in the evolution of terrain types, *Icarus* (2018), doi: 10.1016/j.icarus.2018.06.024

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

Highlights

- We extensively map nine sites of varying terrain types in both sub- and anti-Jovian hemispheres using Galileo imagery.
- Numerous examples of strike-slip morphological indicators at every site suggest strike-slip tectonism is important to Ganymede's evolutionary history.
- Mapped sites share similarities with each other, both in the occurrence of strike-slip indicators and in the stages of deformation when comparing neighboring regions.

Download English Version:

https://daneshyari.com/en/article/8133743

Download Persian Version:

https://daneshyari.com/article/8133743

<u>Daneshyari.com</u>