

Supporting Information for “Geomagnetically induced currents caused by interplanetary shocks with different impact angles and speeds”

D. M. Oliveira^{1,2}, D. Arel³, J. Raeder³, E. Zesta², C. M. Ngwira^{2,4}, B. A. Carter⁵, E. Yizengaw⁶, A. J. Halford⁷, B. T. Tsurutani⁸, J. W. Gjerloev^{9,10}

Corresponding author: Denny Oliveira, NASA Goddard Space Flight Center, Greenbelt, MD USA. (denny.m.deoliveira@nasa.gov)

¹University of Maryland, Baltimore
County, Baltimore, MD USA.

²NASA Goddard Space Flight Center,
Greenbelt, MD USA.

³Department of Physics and EOS Space
Science Center, University of New
Hampshire, Durham, NH USA

⁴Department of Physics, Catholic
University of America, Washington, D.C.
USA

⁵SPACE Research Centre, RMIT
University, Melbourne, Victoria, Australia

Additional Supporting Information (Files uploaded separately)

Text-formatted data used to plot Figure 4.

Introduction

This supplemental information is included to satisfy requirements for data availability. The file is formatted as an ASCII text. The file contains an explanatory header. The station codes correspond to traditional IAGA codes. More information about the data can be found in the text of the main article.

⁶Institute for Scientific Research, Boston

College, Boston, MA, USA

⁷The Aerospace Corporation, Chantilly,

VA USA

⁸Jet Propulsion Laboratory, California

Institute of Technology, Pasadena, CA USA

⁹Johns Hopkins University Applied

Physics Laboratory, Laurel, MD USA

¹⁰Birkeland Centre of Excellence,

University of Bergen, Bergen, Norway