

Open Research Online

The Open University's repository of research publications and other research outputs

Revised target co-ordinates for the Beagle 2 lander

Conference or Workshop Item

How to cite:

Bridges, J.; Seabrook, A. M.; Rothery, D. A.; Pillinger, C. T.; Sims, M. R. and Wright, I. P. (2003). Revised target co-ordinates for the Beagle 2 lander. In: 34th Lunar and Planetary Science Conference, 17-21 Mar 2003, Houston, Texas, USA.

For guidance on citations see [FAQs](#).

© [\[not recorded\]](#)

Version: [\[not recorded\]](#)

Link(s) to article on publisher's website:
<http://www.lpi.usra.edu/meetings/lpsc2003/pdf/1606.pdf>

Copyright and Moral Rights for the articles on this site are retained by the individual authors and/or other copyright owners. For more information on Open Research Online's [data policy](#) on reuse of materials please consult the policies page.

oro.open.ac.uk

REVISED TARGET CO-ORDINATES FOR THE BEAGLE 2 LANDER. J. C. Bridges¹, A. M. Seabrook^{2,3}, D. A. Rothery³, C. T. Pillinger², M. R. Sims⁴, I. P. Wright², ¹Dept. of Mineralogy, Natural History Museum, Cromwell Road, London, UK, (j.bridges@nhm.ac.uk), ²PSSRI, Open University, Milton Keynes, UK, ³ Department of Earth Sciences, Open University, Milton Keynes, UK, ⁴Dept. of Physics and Astronomy, University of Leicester, Leicester, UK.

The Beagle 2 Mars Lander will be launched as part of the Mars Express mission from May 23rd 2003. It will land in Isidis Planitia on Dec. 26th 2003 and is planned to operate for 180 sols (L_s 322° to 53°). The landing site's geology, topography, slopes, wind speeds, thermal inertia and rock abundances are described in [1] together with the target co-ordinates. Since publication of [1] the calculated landing ellipse dimensions have been revised and the target location is now available in IAU 2000 co-ordinates. Details of the Lander's instrument package, scientific objectives and reasons for site selection can be seen at [1], [2].

The revised aerocentric IAU 2000 target co-ordinates are 11.6°N, 90.75°E. The 3-sigma ellipse is 114 x 46 km with a 75° azimuth for a flight path angle of 16.5°.

Reference:[1] Bridges J. C. et al. (2003) *JGR*, 108, 10.1029/2001JE001820. [2] www.beagle2.com