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## Revised target co-ordinates for the Beagle 2 lander

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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.

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Version: [not recorded]

Link(s) to article on publisher's website:

<http://www.lpi.usra.edu/meetings/lpsc2003/pdf/1606.pdf>

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**REVISED TARGET CO-ORDINATES FOR THE BEAGLE 2 LANDER.** J. C. Bridges<sup>1</sup>, A. M. Seabrook<sup>2,3</sup>, D. A. Rothery<sup>3</sup>, C. T. Pillinger<sup>2</sup>, M. R. Sims<sup>4</sup>, I. P. Wright<sup>2</sup>, <sup>1</sup>Dept. of Mineralogy, Natural History Museum, Cromwell Road, London, UK, (j.bridges@nhm.ac.uk), <sup>2</sup>PSSRI, Open University, Milton Keynes, UK, <sup>3</sup> Department of Earth Sciences, Open University, Milton Keynes, UK, <sup>4</sup>Dept. 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 23<sup>rd</sup> 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](http://www.beagle2.com)