Uncontrolled Mosaic of Vesta

Arruntia

**GENERAL NOTES**

This map sheet is for the low-altitude mapping (LAMO) phase of the Dawn mission, which took the entire surface of Vesta at an altitude of about 210 km. The baseline data were derived from stereo images of the spacecraft and target positions, target body size, shape, and orientation, spacecraft orientation and instrument pointing used for planning space science missions and recovering the full value of science instrument data returned from missions (http://naif.jpl.nasa.gov/).

For the Dawn mission, spacecraft position and camera pointing data are available in the form of SPICE kernels. SPICE is a data system providing ancillary data such as spacecraft body-fixed coordinates, orientation, spacecraft orientation and instrument pointing used for planning space science missions and recovering the full value of science instrument data returned from missions (http://naif.jpl.nasa.gov/).

**ORIENTATION AND SCALE**

The right-hand side of the mosaic is north. Azimuth is measured clockwise from north. The center point is at 50° E, 60° S. The grid system is planetocentric latitude/east longitude.

**CONTOURS**

Contour intervals are defined from a digital terrain model (DTM) of Vesta. The DTM was derived from stereo images of the spacecraft and target positions, target body size, shape, and orientation, spacecraft orientation and instrument pointing used for planning space science missions and recovering the full value of science instrument data returned from missions (http://naif.jpl.nasa.gov/).

The lateral resolution of the DTM is 93 m/pxl. The heights are geoid referenced to the International Earth Rotation Service (IERS) and the International Earth Rotation Service (IERS) (2000) (IAU-approved names on Vesta, see the Gazetteer of Planetary Nomenclature at http://www.scout.org). The point accuracy is ±7.5 m. The lateral resolution of the DTM is 93 m/pxl. The heights are geoid referenced to the International Earth Rotation Service (IERS) (2000) (IAU-approved names on Vesta, see the Gazetteer of Planetary Nomenclature at http://www.scout.org). The point accuracy is ±7.5 m. The lateral resolution of the DTM is 93 m/pxl. The heights are geoid referenced to the International Earth Rotation Service (IERS) (2000) (IAU-approved names on Vesta, see the Gazetteer of Planetary Nomenclature at http://www.scout.org). The point accuracy is ±7.5 m. The lateral resolution of the DTM is 93 m/pxl. The heights are geoid referenced to the International Earth Rotation Service (IERS) (2000) (IAU-approved names on Vesta, see the Gazetteer of Planetary Nomenclature at http://www.scout.org).

**REFERENCES**