This semi-controlled mosaic is designed by the German Aerospace Center (DLR). It was approved by the International Astronomical Union (IAU) for use as a Division of Planetary Nomenclature on the International Astronomical Union list.

**GENERAL NOTES**

This map sheet is the 13th of a 15-map series covering the entire surface of Rhea at a nominal scale of 1:1,500,000. The source of map data are the Cassini imaging experiment (Porco et al., 2009).

The Cassini spacecraft is the first spacecraft studying the Saturnian system of rings and moons from a low Earth orbit. It entered Saturnian orbit on July 1st, 2004. The Cassini orbiter has 7 ICCs. One of these is the Colour Imaging Spectrometer (CIRS) with a field of view of 20 arc min, a spatial resolution of 1.3 km/pixel at the spacecraft’s pericentre distance of about 100,000 km. Cassini’s imaging spectrometer is equipped with a large number of spectral filters, which, together with the electronic configuration selected (0.75 deg. per channel), provides the necessary spatial resolution for photometric calibration. The imagery was corrected for the thermal emission by using radiometric correction maps. The final image data was (1) corrected for the limb effect and (2) corrected for the Rayleigh and other atmospheric effects. The latter correction step was applied for the final map projection. The final projection of the map was created using the Equal Area projection (Ionan and Surace, 2006) and was approved by the IAU/IAG Working Group on Cartographic Coordinates and Rotational Elements as standard (Seidelmann et al., 2007).

The map for this edition was derived from the DLR Centre and approved by the International Astronomical Union (IAU). The IAU approved list of IAU-approved names on Rhea are the Division of Planetary Nomenclature on the International Astronomical Union list.

**REFERENCES**


**MAP SHEET DESIGNATION**

Silk (Egyptian coordinates)

MAP PROJECTION

Lambert Conformal projection with true standard parallels of 58° S and 50° N.

**SOMENCLATURE**

Terms are adopted by the IAU Centre and approved by the International Astronomical Union (IAU). For a complete list of IAU-approved names on Rhea, see the Division of Planetary Nomenclature on the International Astronomical Union list.

**EDITOR**

German Aerospace Center (DLR), Institute of Planetary Research, Roatsch, Th. Please send comments, suggestions, and questions to Thomas.Roatsch@dlr.de.