Semi-controlled Mosaic of Rhea

Tuwale, 2010

MAP SHEET DESIGNATION
Sr 1.5M -90/0 SMN, 2010

MAP PROJECTION
Polar Stereographic projection
Scale is true at 90°
Albers Equal Azimuthal Mean-radius: 764.1 km
End system: plantographic, x/north, y/east

GENERAL NOTES
This map sheet is the 15th of a 15-map series covering the visible 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., 2004). The Cassini orbiter has 12 instruments. One of them is the Cassini Imaging Science Subsystem (Cassini Imaging Science Subsystem Experiment, Porco et al., 2004). The instrument consists of a Charge-Coupled Device (CCD) detector consisting of a 1024 square array of pixels, each 12 microns on a side. The resolution of the images depends on the distance to the target and the instrument's pointing. The pointing data were provided by the spacecraft's attitude and orbit determination systems. The scale factor, center point, and orientation changes are significant when the spacecraft is not directed at the target. The maps were produced at the German Aerospace Center (DLR) using the instruments and methods described in this paper. The maps are part of a series covering the entire surface of Saturn's moon Rhea. This work is supported by funds of the German Aerospace Center (DLR).

REFERENCE