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High resolution map of Saturnian satellite Enceladus

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Images of the medium sized, icy Saturnian satellites Mimas, Enceladus, Tethys, Dione, Rhea, Iapetus, and Phoebe, derived by the Cassini cameras are used to produce new local high-resolution image mosaics as well as global mosaics. These mosaics are valuable both for scientific interpretation and for the planning of future flybys later in the ongoing Cassini orbital tour.

These global mosaics are being extended to standard cartographic products. 47 images of the narrow-angle and two images of the wide-angle (WA) camera are used to produce a 40 pixel/° global mosaic of Enceladus. As we will not obtain new highresolution images for this satellite until 2008, we have begun a work project on an atlas in a scale of 1:500,000 consisting of 15 tiles, one of which will be presented at this conference. Also, we will show examples of new mosaics from other satellites.