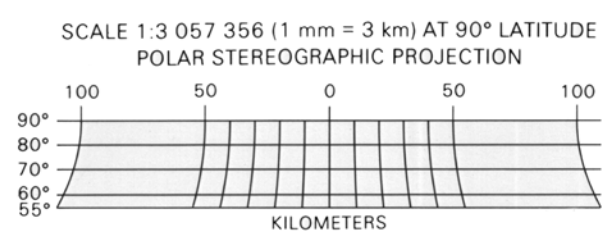


NORTH POLAR REGION



**NOTES ON BASE**

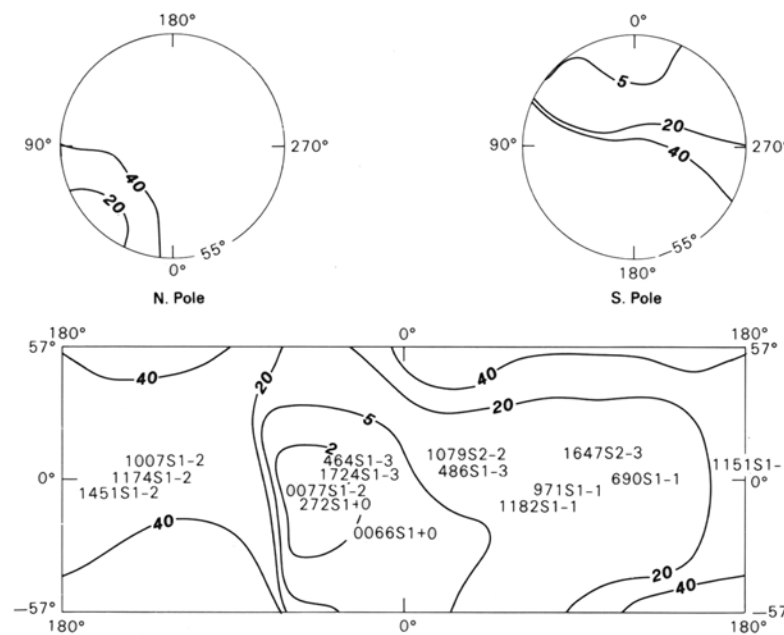
This map was compiled from Voyager 1 and 2 images of Dione. The Polar Stereographic and Mercator projections are based on a sphere with a diameter of 1,120 km. The projections have a common scale of 1:2,796,000 at lat 156°. Longitude increases to the west in accordance with astronomical convention. Meridians are numbered so that the reference crater, Palimurus, is centered on lat 3.6° S., long 63° (Davies and others, 1989). Other information regarding Saturnian satellite mapping was given by Batson and others (1984). Digital mosaics were assembled at a digital scale of 1/8" (1.2 km) per pixel according to methods described by Batson (1987) and Edwards (1987), and they were transformed to the projections described above. Digital processing and mosaicking were done by Ella M. Lee.

**NOMENCLATURE**

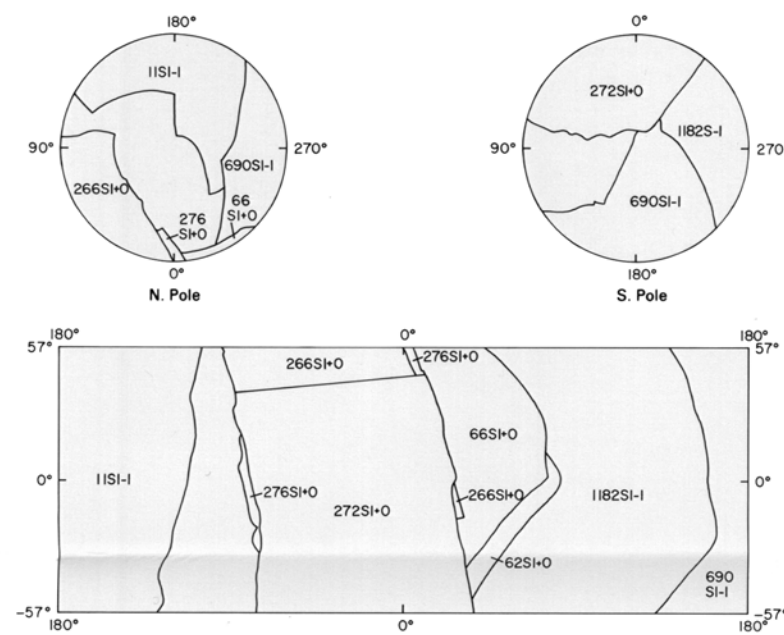
Sd 5M 1CM: Abbreviation for Saturn, Dione (satellite); 1:5,000,000 series; first edition; controlled photomosaic (CM).

**REFERENCES**

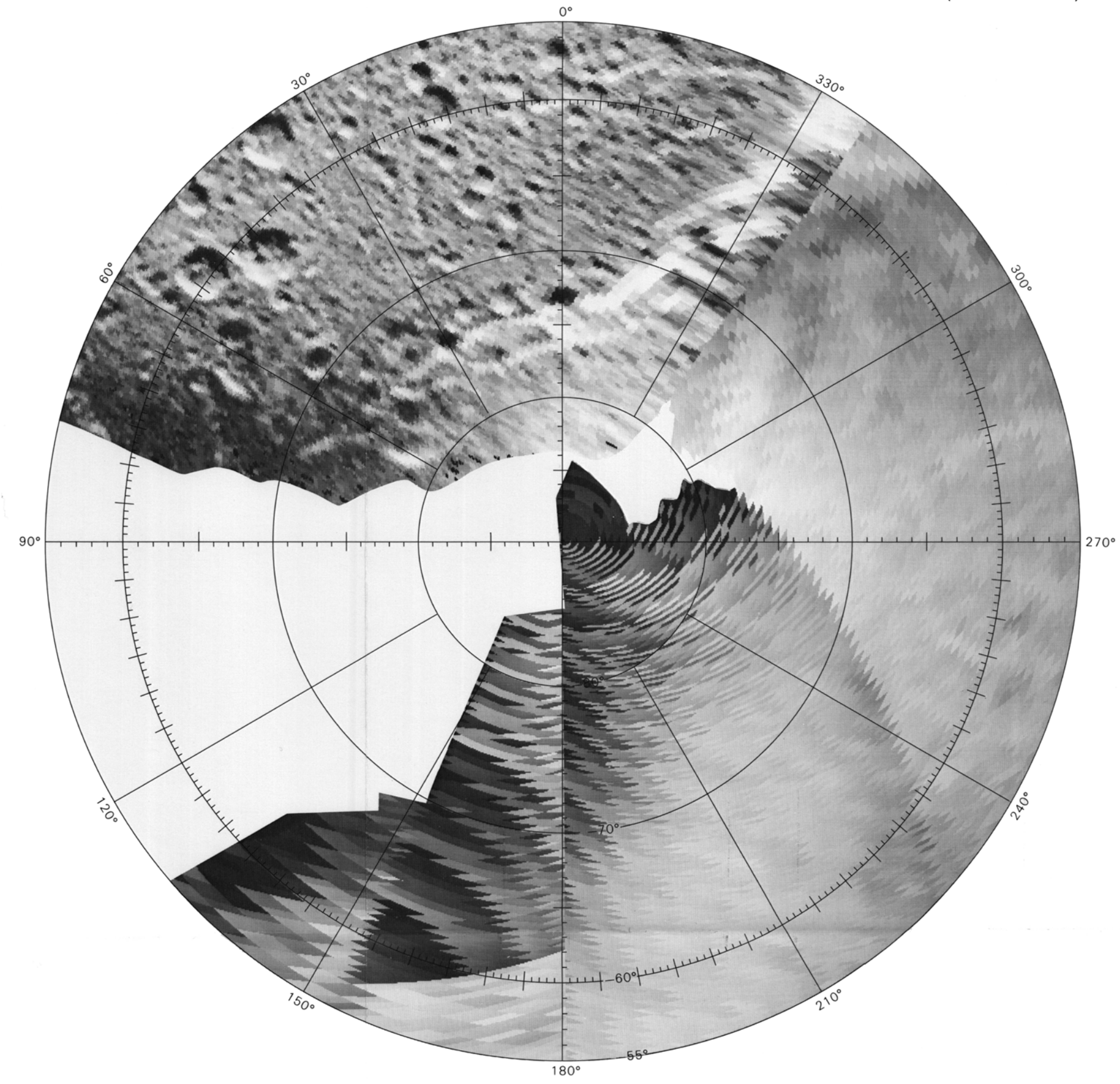
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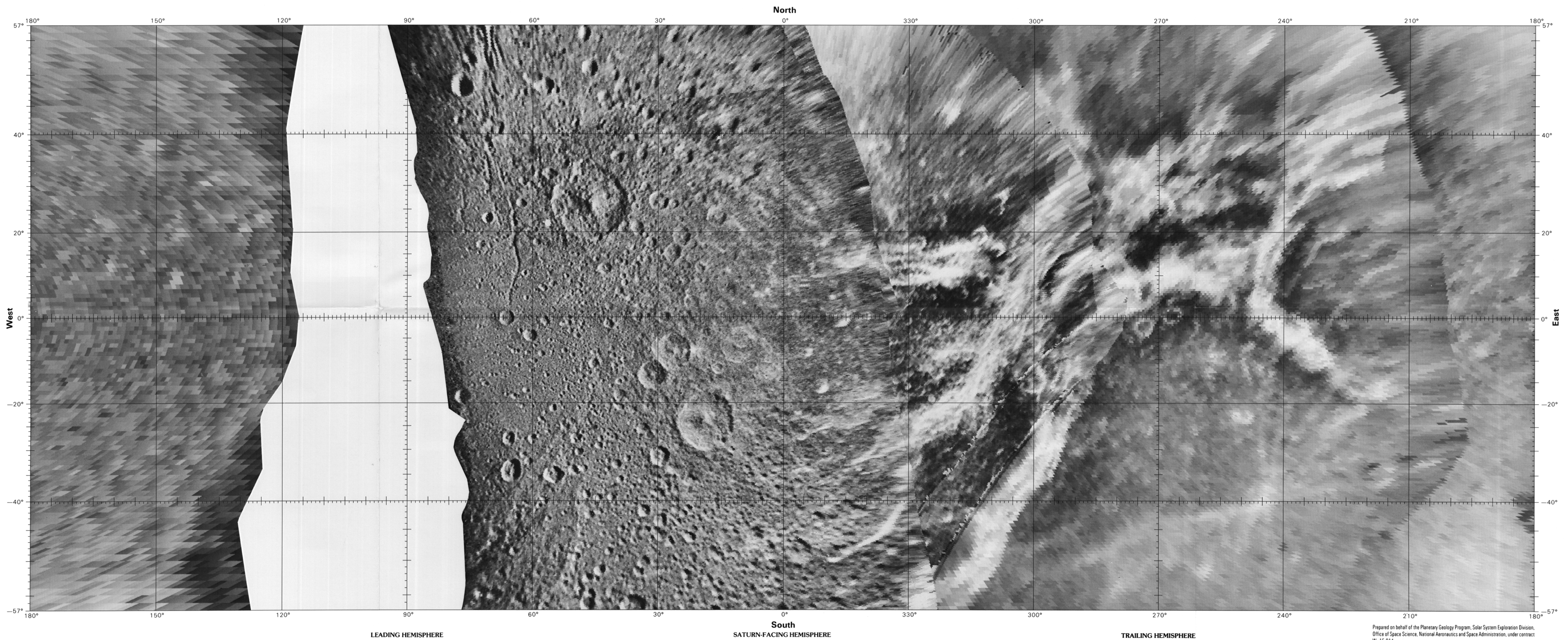
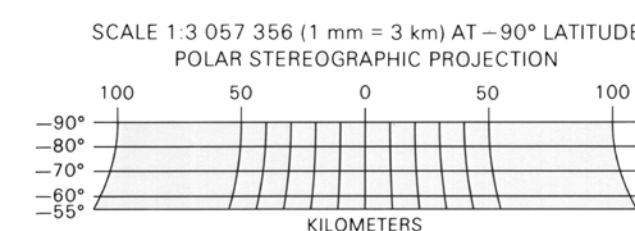
**INDEX MAP OF NOMINAL IMAGE RESOLUTION**  
Picture numbers indicate the subspacecraft point at the time the image was acquired. Contour lines indicate the approximate resolution of available images expressed as kilometers per picture element.



**INDEX OF VOYAGER 1 AND 2 IMAGES**  
The mosaic was made from the Voyager 1 and 2 images outlined above. Copies of various enhancements of these images are available from National Space Science Data Center, Code 601, Goddard Space Flight Center, Greenbelt, MD 20771.



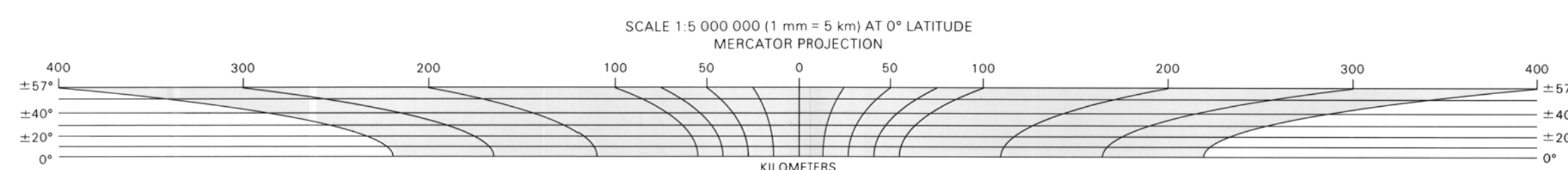
SOUTH POLAR REGION



LEADING HEMISPHERE

SATURN-FACING HEMISPHERE

TRAILING HEMISPHERE



**CONTROLLED PHOTOMOSAIC OF DIONE**