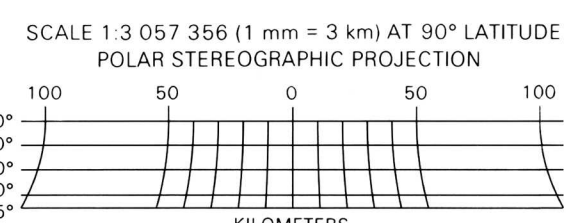


NORTH POLAR REGION



NOTES ON BASE

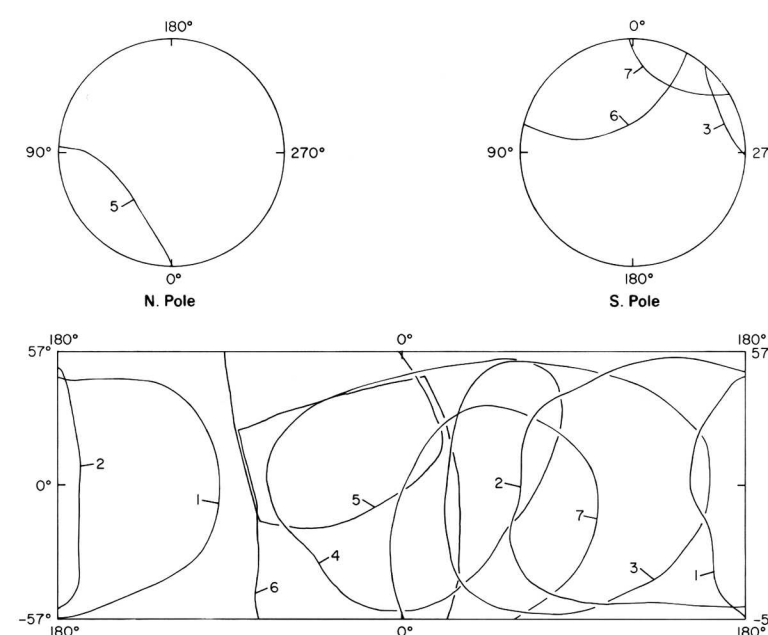
This map was compiled from Voyager 1 and 2 images of Dione. The Polar Stereographic and Mercator projections are based on a sphere with a diameter of 1,120 km. The projections have a common scale of 1:2,796,000 at lat 55°. Longitude increases to the west in accordance with astronomical convention. Meridians 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.
 All landforms are shown as if illuminated from the west by using interpretation techniques described by Inge and Bridges (1976). Surface markings are also shown. Differences in image resolution precluded map portrayal at uniform levels of detail.
 Airbrush representation was made by Jay L. Inge.

NOMENCLATURE

All names shown on this sheet are approved by the International Astronomical Union (IAU, 1983).
 Sd 5M 3AN: Abbreviation for Saturn, Dione (satellite); 15,000,000 series; third edition; shaded relief with albedo markings (A), nomenclature (N).

REFERENCES

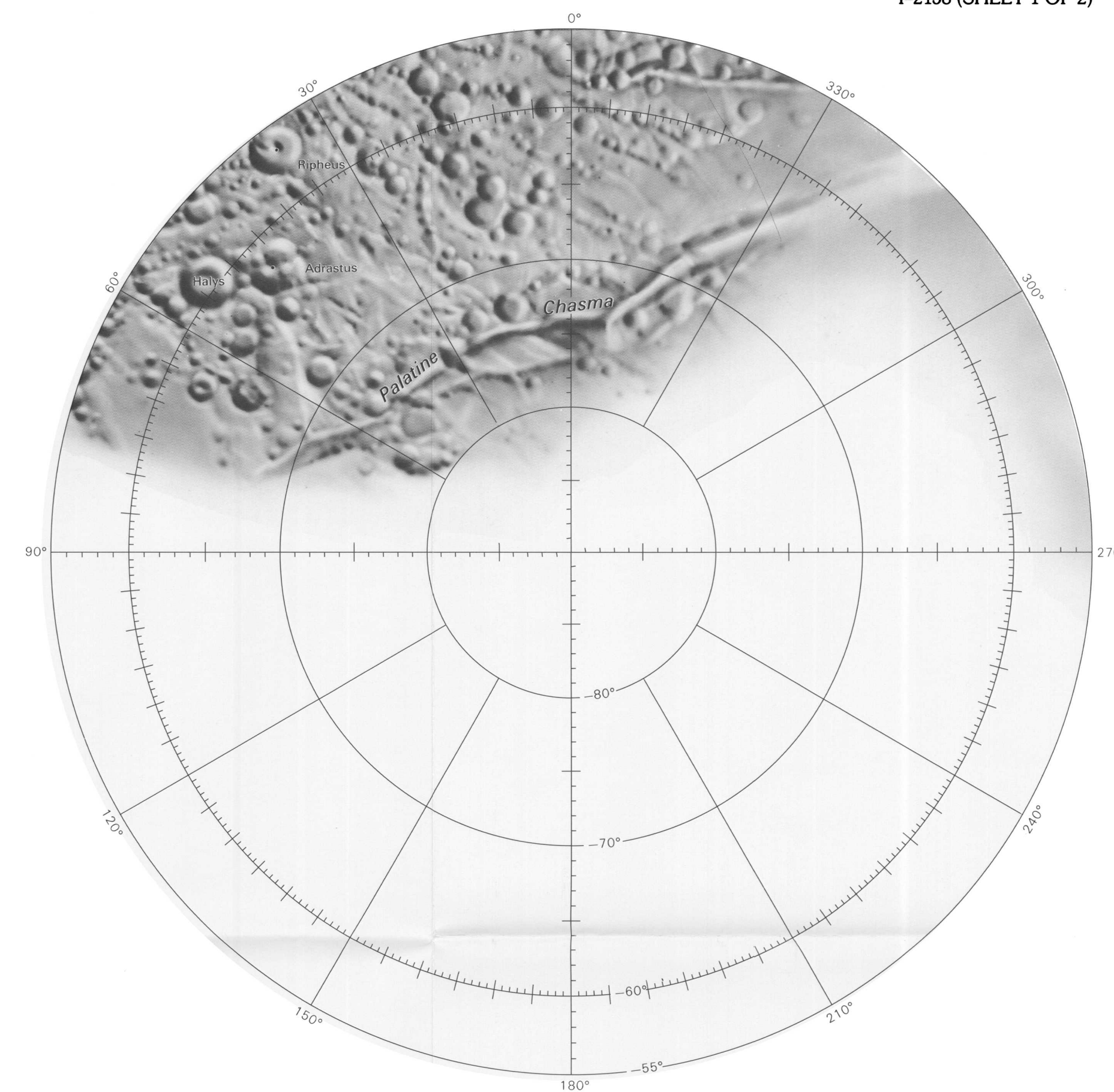
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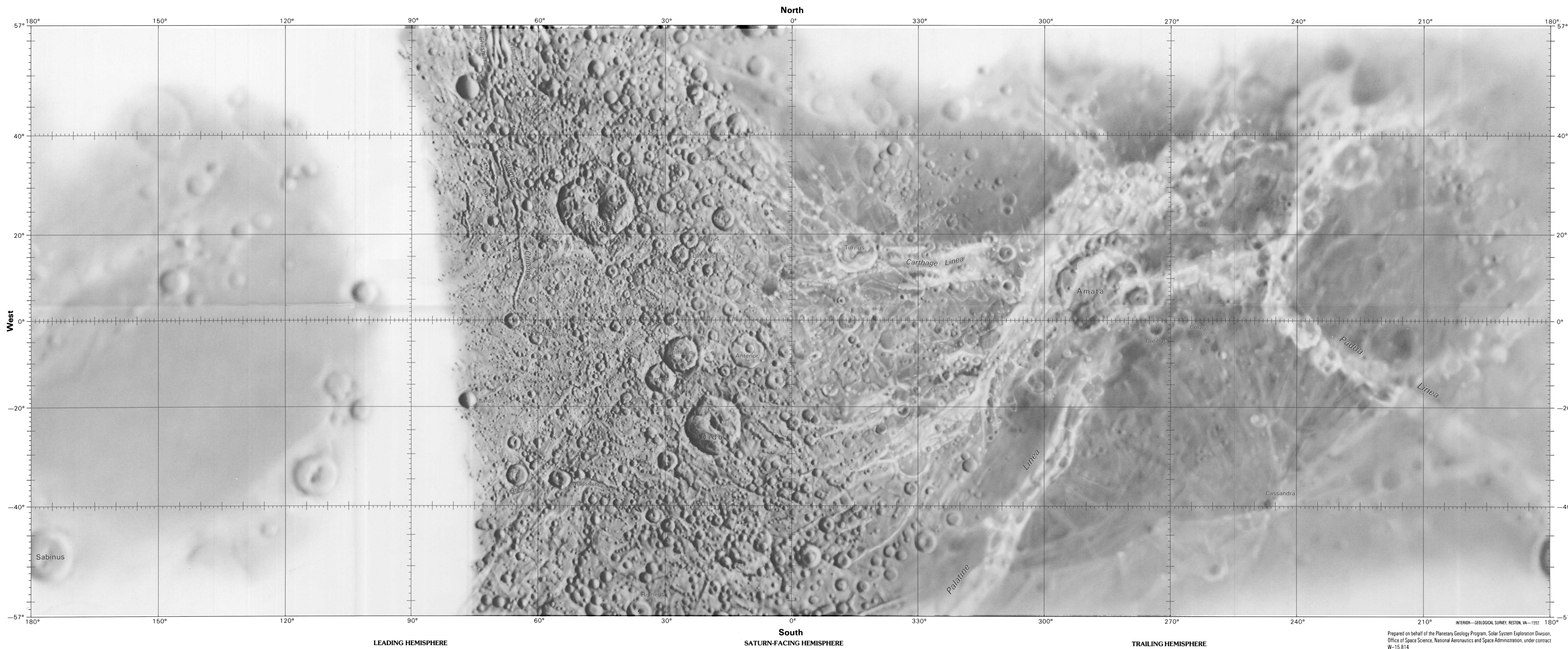
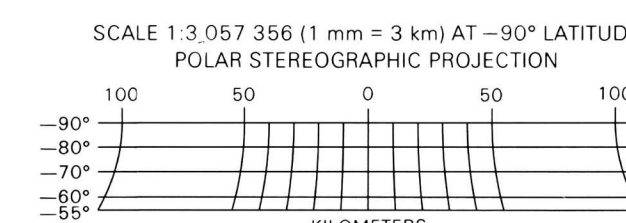
VOYAGER 1		VOYAGER 2		VOYAGER 1		VOYAGER 2	
Index No.	Picture No.	Index No.	Picture No.	Index No.	Picture No.	Index No.	Picture No.
1	16151-002	7	10792-002	00151-001	16472-003		
2	09851-001			00851-001			
3	09151-001			138151-001			
4	00851+000			118251-001			
5	02851+000			02851+000			
6	02721+000			02151+000			

INDEX OF MAPPING SOURCES

The map was made from the Voyager 1 and 2 images outlined above. Supplemental source images used during compilation are listed separately. Copies of various enhancements of these images are available from National Space Science Data Center, Code 601, Goddard Space Flight Center, Greenbelt, MD 20771.



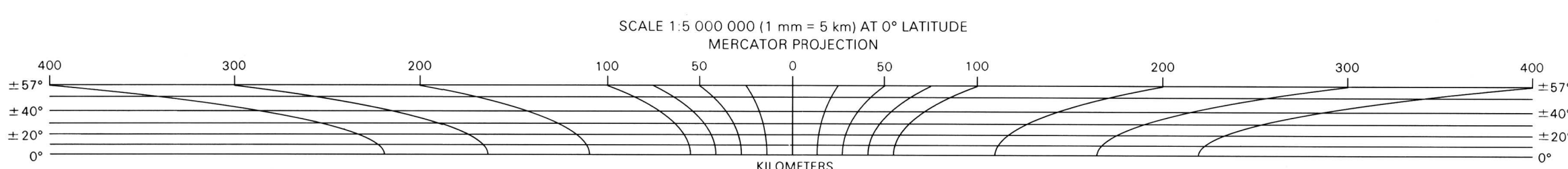
SOUTH POLAR REGION



LEADING HEMISPHERE

SATURN-FACING HEMISPHERE

TRAILING HEMISPHERE



PICTORIAL MAP OF DIONE

1992

NOTE TO USERS
 Users noting errors or omissions are urged to indicate them on the map and to forward it to U.S. Geological Survey, Building 4, Room 454, 2255 North Gemini Drive, Flagstaff, Arizona 86001. A replacement copy will be returned.

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