



**MAP SHEET DESIGNATION**

M Planet Mars  
 50k Scale 1:50 000  
 2.25S/343.25E Center Point in Degree consisting of Latitude / East Longitude  
 OMKT Orthophoto-Mosaic with Topography (Color)

**MAP PROJECTION**

Sinusoidal Projection (Planetocentric Latitudes)  
 Projection Center (True Scale) at:  
 0°00' Planetocentric Latitude  
 343°00' East Longitude

Adopted Figure: Oblate Spheroid (IAU 2000)  
 Equatorial Radius: 3396.19 km  
 Polar Radius: 3376.20 km

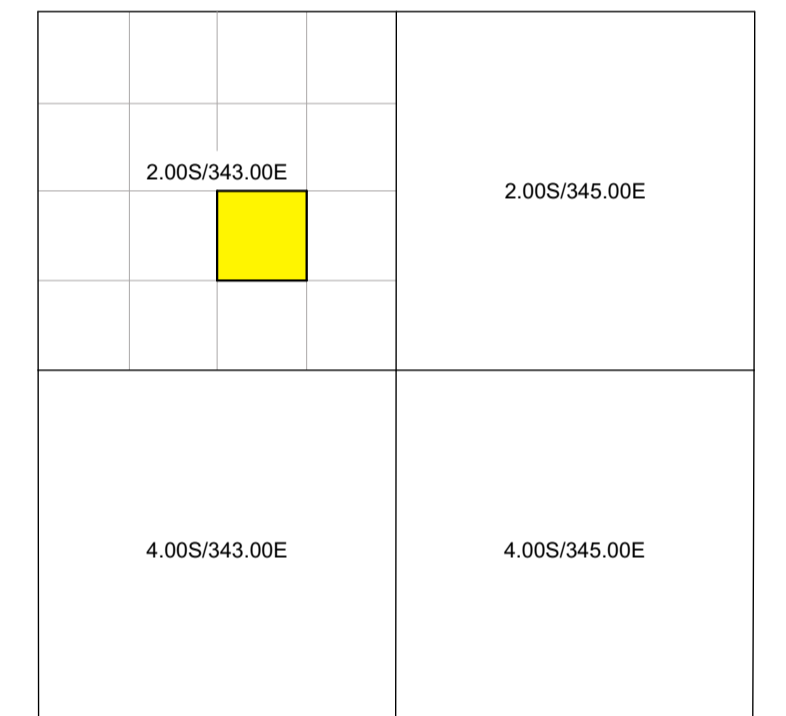
**GRIDLINE SYSTEMS**

Main Grid (Grid Lines):  
 Planetocentric Latitude / East Longitude

Second Grid (Grid Intersections and Tickmarks):  
 Planetographic Latitude / West Longitude

**INDEX TO ADJOINING SHEETS**

Topographic Image Map Mars 1:200 000 Series:



This Map Sheet is located within MC19 (Margaritifer Sinus).

**IMAGE PROCESSING**

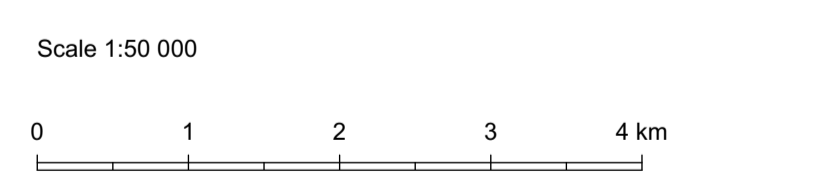
- Radiometric Correction
- Geometric Correction using HRSC DTM processed by DLR (Digital Resolution: 0.05 km/Pixel)
- Map Projection using original Orientation Data
- Mosaicking of adjacent Image Strips
- Band Combination (including IHS Transformation)

HRSC Image Data:  
 h0912\_0000.nd, h0912\_0000.re, h0912\_0000.gr, h0912\_0000.bl  
 h0923\_0000.nd, h0923\_0000.re, h0923\_0000.gr, h0923\_0000.bl

**HEIGHT INFORMATION**

Contour Lines are derived from HRSC DTM processed by DLR (Digital Resolution: 0.05 km/Pixel).

Adopted Figure: Arcoid (Equipotential Surface)  
 Ref.: Smith et al., JGR 106, No. E10, 23689-23722



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