ICY UVIS EXOs (one is a PIE)

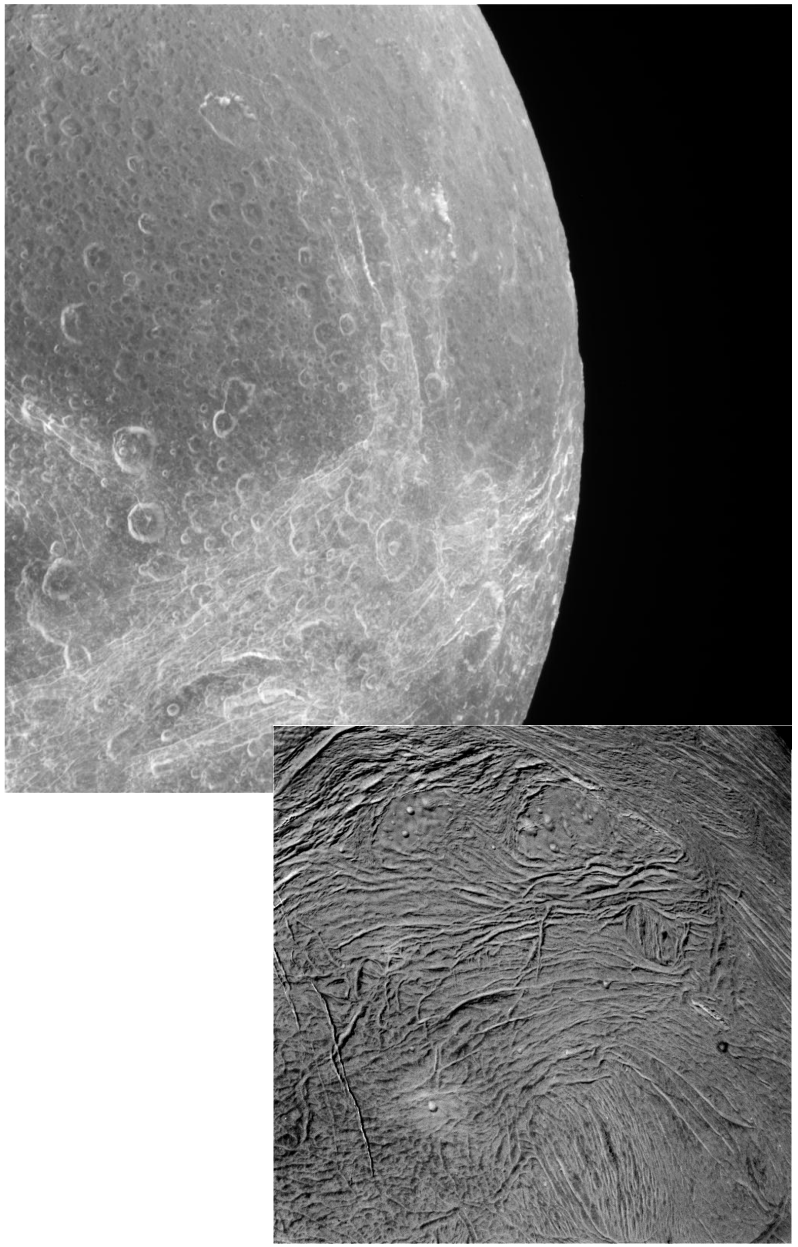
UVIS_232DI_ICYEXO001_PRIME (XD Segment)
2016-044T09:30:00-11:24:00

UVIS_233DI_ICYEXO001_PRIME (XD Segment
2016-068T01:39:00-03:06:00

UVIS_233EN_ICYEXO001_PIE (Rings Segment)
2016-071T11:00:00-12:23:00

1. **The main goal of this observations is to fill in longitude/phase angle gaps in coverage for the icy moons, and to image the region around the moons. By completing longitudinal coverage at a representative range of solar phase angles, compositional differences can be mapped and understood. Phase angle coverage of all regions enables a study of the solar phase curves of individual regions and terrains, thus uncovering differences in surface texture and morphology.**

2. **CIRS, VIMS and ISS are riding along on these observations so a complete ORS suite of observations will be obtained.**



Top: Dione
Bottom: Enceladus

Other PIEs

VIMS_232EN_ENCELADUS001_PIE

2016-046T02:20:00-07:00:00

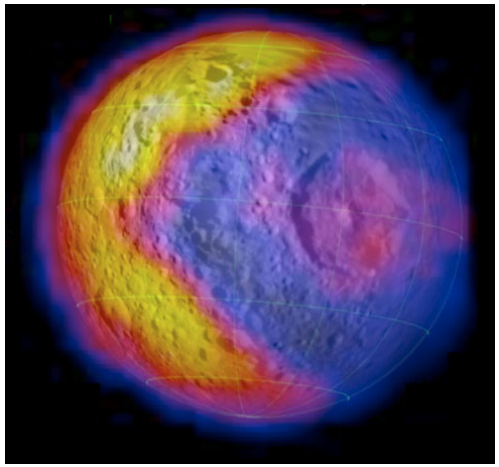
Untargeted flyby around 84K km closest approach; moderate solar phase angle; observations will fill in compositional maps

CIRS_233MI_MIMAS001_PIE

2016-069T20:29:00-070T00:00:00

CIRS characterization of the Mimas Pacman to understand the thermal properties of the surface. Moderate solar phase angle with an approach just under 200K km

ORS in ridealong in both observations.



Top: Enceladus
Bottom: Mimas Pacman