UVIS low phase angle coverage continues in S95 with 2 PIEs

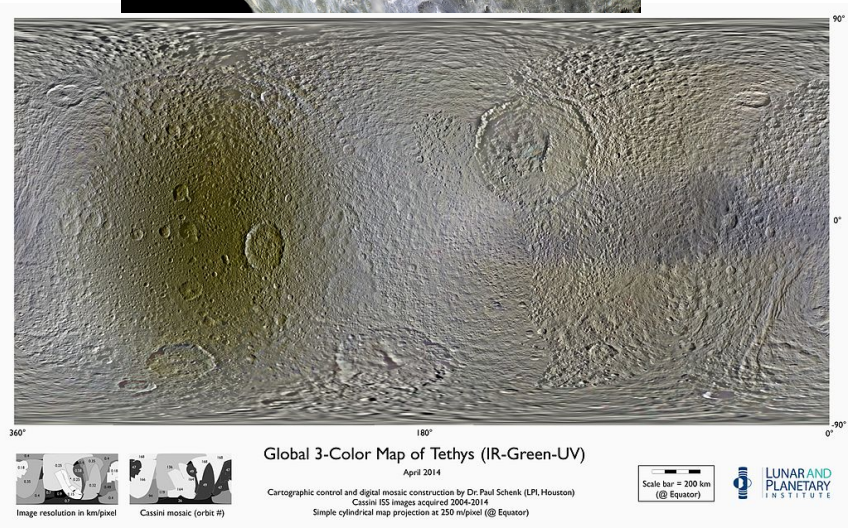
Saturn Segment (Saturn_238):
UVIS_238MI_LOPHASE001_PIE
2016-202T16:00:00-17:30:00

Rings Segment (Rings_239):
UVIS_239TE_LOPHASE001_PIE
2016-218T21:36:00-219T00:15:00

1. **The main goal of these observations is to fill in longitude/phase angle gaps in coverage for the icy moons. 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. Observations at small solar phase angles are especially key for understanding the backscattering properties of icy moons and the texture of their surfaces**

2. **CIRS, VIMS and ISS are riding along on both of these observations so a complete ORS suite of observations will be obtained, coverage spectral ranges from the UV to the mid-IR.**

Top: Mimas; minimum phase is 0.4 deg
Bottom: Tethys; minimum phase is 0.2 deg
Both at distances greater than a million km



Hyperion campaign also continues in S95

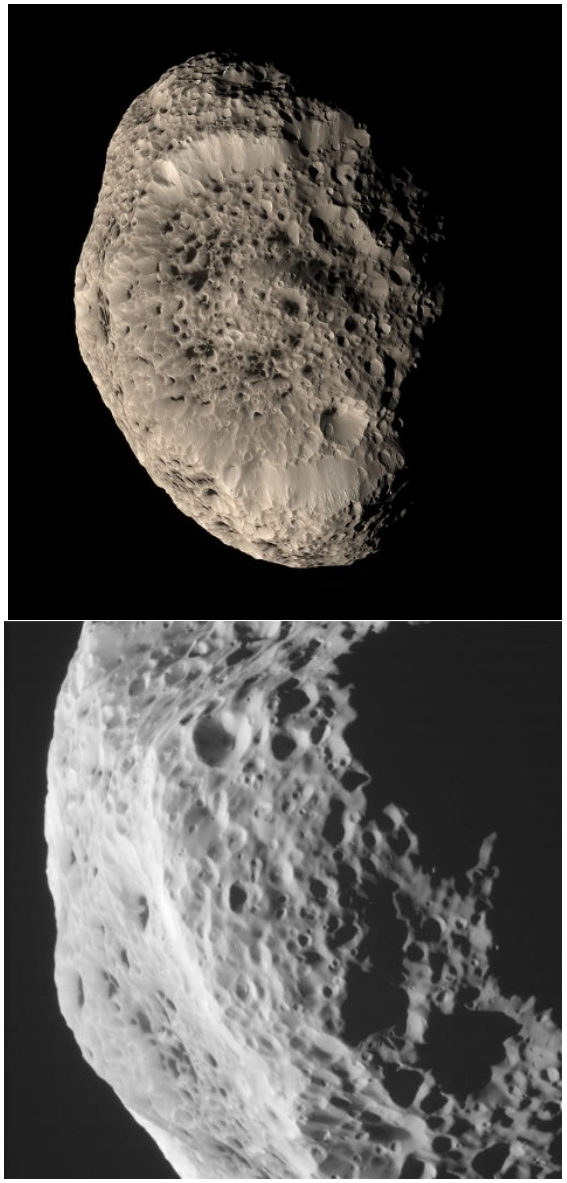
XD240_241

The purpose of these observations is to capture missing regions and yield complete coverage of Hyperion; this segment of the campaign has good solar phase coverage

ISS_240HY_HYPERION001_PRIME

2016-235T15:05:00-236T00:00:00

All ORS in ridealong
Closest approach is 322, 776 km
Phase angle coverage is from 0.8-18 degrees



Hyperion