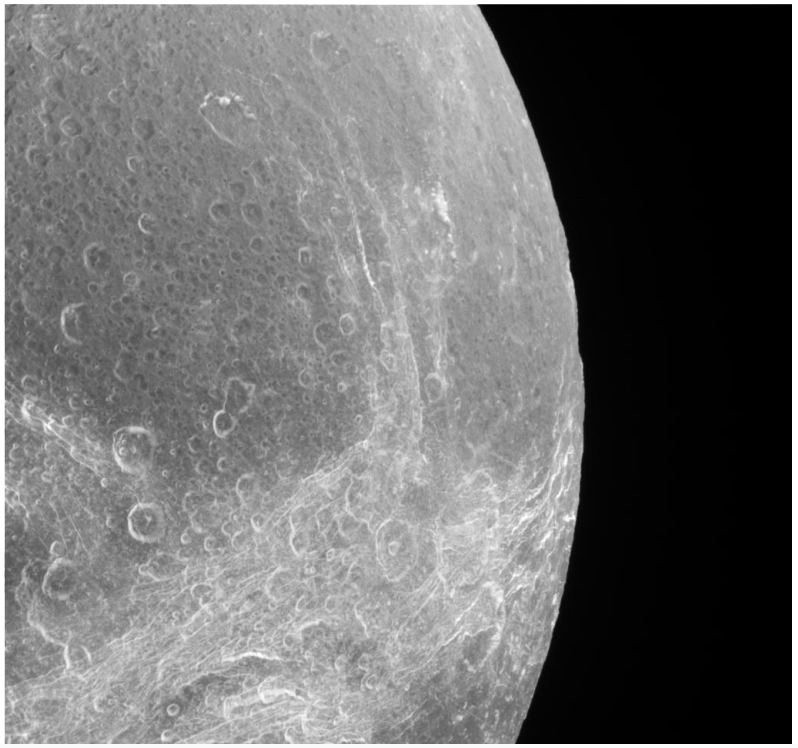
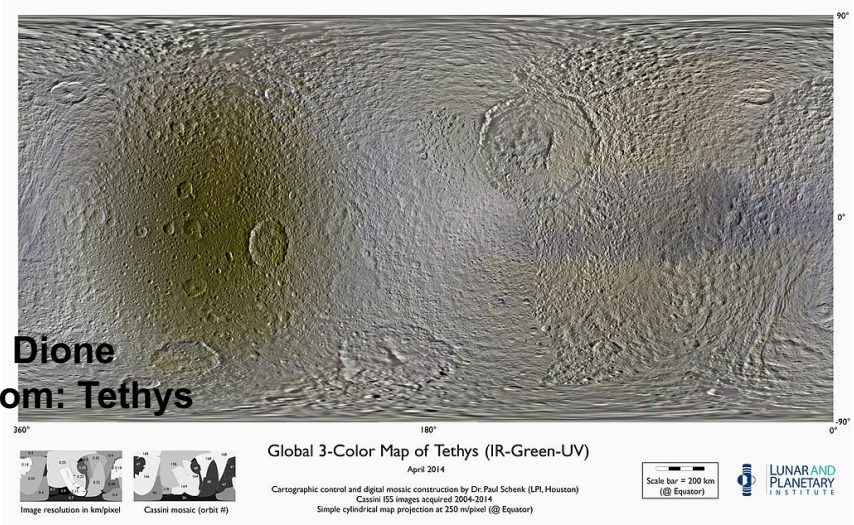
UVIS low phase and longitude coverage in rev 235 apoaxis XD (one is a PIE)

UVIS_236TE_ICYLON001_PRIME
2016-150T15:00:00-17:15:00
UVIS_236TE_ICYLON004_PRIME
2016-152T06:10:00-11:00:00
UVIS_236RH_LOPHASE001_PRIME
2016-153T14:50:00-154T06:10:00 (2.6° min)
UVIS_236DI_LOPHASE001_PIE
2016-155T00:00:00-06:15:00 (0.4° min)

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

2. **CIRS, VIMS and ISS are riding along on some or all of these observations so a complete ORS suite of observations will be obtained (only the PIE has complete ridealongs)**





Top: Dione
Bottom: Tethys

CIRS Rhea Global Composition

The purpose of these observations is to capture missing regions

CIRS_235RH_COMPGLB001_PRIME (XD)

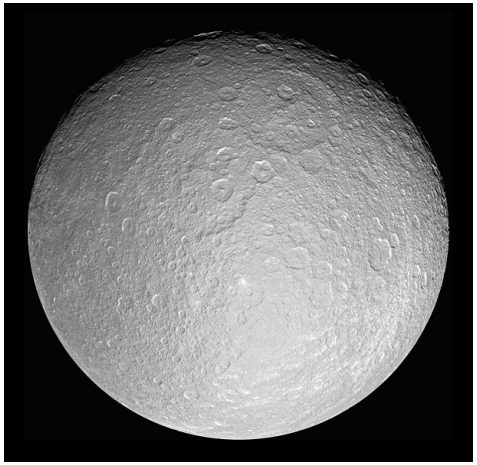
2016-124T01:00:00-07:00:00

Very distant (UVIS, VIMS Ridealong)

CIRS_236RH_COMPGLB001_PRIME (MAPS)

2016-155T17:55:00-156T01:00:00

Very distant (ISS, VIMS Ridealong)



Rhea