S54: Icy Satellite Science Overview

• E7 (120EN) is the deepest plume passage yet!
  – 100 km flyby
  – MAPS prime at C/A
• Rev 119 includes good non-targeted opportunities
120EN science activities

• High phase inbound:
  – plume obs
  – Radar

• MAPS prime at C/A
  – Highest sensitivity measurements yet

• Low phase outbound:
  – CIRS map
  – UVIS
    • Unique opportunity to measure gas plume against Saturn disk
Rev 119: nice non-targeted opportunities near periapsis (unique geometries)

- CIRS_119RH_FP1SECLN003_PRIME
- ISS_119EN_PLMHRHP001_PRIME
- VIMS_119RH_RHEA001_PRIME
- ISS_119TE_GEOLOG001_PRIME
- ISS_119MI_LOWPHASE001_PRIME
- ISS_119EN_LOWPHASE001_PRIME
- ISS_119TE_LOWPHASE001_PRIME