

Summary of SOST segment in S35

The MAPS instruments will make combined observations of Saturn's middle magnetosphere. In this region, plasma originating from Titan diffusing inward mixes with the plasma transported outward from the Tethys-Dione torus.

VIMS will measure spatially resolved spectra of the Rings of Saturn, Rhea and Enceladus, which will be used to map the composition of these objects.

ISS will provide color photometry/polarization of the Enceladus smooth plains materials at 67-deg. phase.