021TI_T11	C/A Altitude = 1813 km

Start Time	End Time	Prime Activity
2006-057T09:06:00	2006-057T09:36:00	SP Turn to Waypoint
2006-057T09:36:00	-22:30	OD Uncertainty Dead Time
-22:30	-10:00	VIMS
-10:00	-07:00	ISS
-07:00	-06:30	SP Turn to Earth for Downlink
-06:30	-04:30	Goldstone 34M, RSS
-04:30	-04:00	SP Turn to ORS Attitude
-04:00	-01:30	ISS
-01:30	-01:00	SP Turn to Earth for Downlink
-01:00	+04:30	Goldstone 34M, RSS
2006-058T08:25:19		**CLOSEST APPROACH**
+04:30	+05:00	SP Turn to ORS Attitude
+05:00	+08:30	UVIS
+08:30	+13:10	CIRS
+13:10	2006-058T21:51:00	OD Uncertainty Dead Time
2006-058T21:51:00	2006-058T22:21:00	SP Turn to Earth for Downlink
2006-058T22:21:00	2006-059T08:51:00	Goldstone 70M

Observation Detail	Operational Mode	Telemetry Mode
ISS_NAC to Titan, NEG_X to Sun	DFPW Normal	S_N_ER_3
	DFPW Normal	S_N_ER_3
Global Map	DFPW Normal	S_N_ER_3
Global Map	DFPW Normal, then RSS_K_RWAF at -09:05	S_N_ER_3
XBAND to Earth, NEG_X to Sun	RSS_K_RWAF	S_N_ER_3
RSS Gravity Wing	RSS_K_RWAF	RTE_N_SPB
ISS_NAC to Titan, NEG_X to Sun	RSS_K_RWAF	S_N_ER_3
NAC Regional Map & High-Resolution Imaging	RSS_K_RWAF	S_N_ER_3
XBAND to Earth, NEG_X to Sun	RSS_K_RWAF	S_N_ER_3
RSS Gravity Experiment	RSS_K_RWAF	RTE_N_SPB
ISS_NAC to Titan, NEG_X to Sun	RSS_K_RWAF	S_N_ER_3
EUVFUV	RSS_K_RWAF	S_N_ER_3
Far-IR Nadir Compositional Scan	RSS_K_RWAF	S_N_ER_3
	RSS_K_RWAF	S_N_ER_3
XBAND to Earth, POS_X to NEP	RSS_K_RWAF	S_N_ER_3
	RSS_K_RWAF	RTE_N_SPB

Delivered: September 23, 2005

Comments
Saturn-facing side; Coordinate w/CIRS, prefer 4 microrad/sec slow scan
5-minute dwell times Note: To calculate RSS KA on time: - 06:30 minus 15 min deadtime, minus 2 hours warmup, minus 20 minutes margin)
Try for one telemetry mode for simplification
Good low phase, high resolution opportuinity; four 5x3 mosaics; 1 min dwell times
Goldstone and Canberra coverage required; Canberra will still be 3-way with Ka coherent with Goldstone
2-part Turn
6 microrad/sec slow continuous slew across Titan; good for CIRS temperature map
Long integration w/FP1; mid-southern latitude at 60 degrees emission angle; co-aligned ORS boresights on Titan, may choose orientation to optimize; VIMS good lighting search opportunity
10.5 hrs needed to return 2 SSRs of data volume