

<b>00ATI_TA</b>	<b>C/A Altitude = 1200 km</b>
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<b>Start Time</b>	<b>End Time</b>	<b>Prime Activity</b>
299T16:31	299T17:01	SP Turn to Waypoint
299T17:01	299T17:16	OD Uncertainty Dead Time
-22:14	-22:00	ISS
-22:00	-16:45	CIRS
-16:45	-15:30	ISS
-15:30	-11:30	CIRS
-11:30	-05:00	VIMS
-05:00	-01:48	ISS
-01:48	-01:27	RWA to RCS Transition
-01:27	-01:26	ISS Turn to Waypoint
-01:26	-01:19	SP Turn to New Waypoint
-01:19		Begin Custom Period
-01:19	-01:15	RADAR
-01:15	-00:45	RADAR
-00:45	-00:38	VIMS
-00:38	-00:13	VIMS
-00:12	-00:06	INMS
-00:06	00:00	INMS
<b>2004-300T15:31:27</b>		<b>CLOSEST APPROACH</b>
00:00	+00:06	RADAR
+00:06	+00:16	RADAR
+00:16	+00:30	RADAR
+00:30	+01:15	RADAR
+01:15	+01:39	RCS to RWA Transition
+01:39	+05:00	RADAR
+05:00		End Custom Period
+05:00	+08:15	UVIS
300T23:46	301T00:01	OD Uncertainty Dead Time
301T00:01	301T00:16	SP Turn to Earth for Downlink
301T00:16	301T09:16	Madrid 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
Monitor	DFPW Normal	S_N_ER_3
Mid-IR Temperature Map	DFPW Normal	S_N_ER_3
Monitor	DFPW Normal	S_N_ER_3
Far-IR Nadir Compositional Scan	DFPW Normal	S_N_ER_3
Medium Resolution Imaging	DFPW Normal, then RADWU at -05:15	S_N_ER_3, then S_N_ER_5A at -05:15 for 15 min
High Resolution Imaging	RADWU	S_N_ER_3
	RADRCS	S_N_ER_3
ISS_NAC to Titan, NEG_X to Sun	RADRCS	S_N_ER_3
NEG_Z to Titan, NEG_X to Sun	RADRCS	S_N_ER_3
Turn to scatterometry	RADRCS	S_N_ER_8
Inbound Scatterometry, Leave at NEG_Z to Titan, POS_X to NTP	RADRCS	S_N_ER_8
Turn to NEG_Y to Titan, POS_X to NTP	RADRCS	S_N_ER_8
High Resolution Imaging, Leave at VIMS_IR to Titan, POS_X to NTP	RADRCS	S_N_ER_3
Turn to NEG_X to Titan RAM, NEG_Z to Titan	RADRCS	S_N_ER_3
NEG_X to RAM	RADRCS	S_N_ER_8
High-Resolution SAR, Pick up at INMS attitude	RADRCS	S_N_ER_8
Low-Resolution SAR	RADRCS	S_N_ER_8
Altimetry	RADRCS	S_N_ER_8
Scatterometry	RADRCS	S_N_ER_8
	RADRWA	S_N_ER_8
Radiometry, Leave at NEG_Z to Titan, NEG_X to Sun	RADRWA	S_N_ER_8
EUVFUV	DFPW Normal	S_N_ER_3
	DFPW Normal	S_N_ER_3
XBAND to Earth, POS_X to NEP	DFPW Normal	S_N_ER_3
	DFPW Normal	RTE_N_SPB

Delivered: June 04, 2004

Comments
sit-and-stare
1 min dwells
VIMS Rider; set deadband to (2, 2, 2 mrad)
NEG_Y to Titan violates CIRS boresight to Sun
Secondary axis = NEG_Z to Titan for RADAR
RADAR Rider
set deadband to (2, 2, 20 mrad)
Extra time allocated for turns to/from NEG_Z to Titan