

292TI nT

C/A Altitude = 117922 km

Delivered: January 17, 2017

Start Time	End Time	Prime Activity	Observation Detail	Operational Mode	Telemetry Mode	Comments
2017-254T04:37:00	2017-254T05:17:00	SP Turn to Waypoint	NEG_Y to Titan, NEG_X to Sun	DFPW Normal	S_N_ER_3	Secondary pointing is MIMI preference
2017-254T05:17:00	2017-254T06:22:00	ISS PIE (Pre-Integrated Event)	Cloud PIE (TC1a, TC1b, TN1a, TN2c, TN2d)	DFPW Normal	S_N_ER_3	
2017-254T06:22:00	2017-254T09:16:00	CIRS	Mid-IR Temperature Mapping (TC1b)	DFPW Normal	S_N_ER_3	CIRS: very close northern flyby late in mission, last chance for limb mapping or anything else! Heating may be an issue.
2017-254T09:16:00	2017-254T10:16:00	ISS	(TC1a, TC1b, TN1a, TN2c, TN2d)	DFPW Normal	S_N_ER_3	
2017-254T10:16:00	2017-254T15:16:00	CIRS PIE (Pre-Integrated Event)	CIRS PIE: Mid-IR Limb Mapping (TN1c, TC1b)	DFPW Normal	S_N_ER_3	ISS non-standard Collaborative Rider: 10 minute WAC sit and stare in middle of this interval (represented as one hour ISS PIE in middle of CIRS PIE). CIRS renamed their (formerly non-PIE) observation as a PIE to ISS PIE observation.
2017-254T15:16:00	2017-254T20:33:00	ISS PIE (Pre-Integrated Event)	Cloud PIE (TC1a, TC1b, TN1a, TN2c, TN2d)	RADWU	S_N_ER_5A for first 15m, then S_N_ER_3	Try to make sure that RADAR target is in ISS/VIMS image in this PIE or the PIE following RADAR
2017-254T19:03:43		CLOSEST APPROACH				TOST priority 1: approaches over eastern leading hemisphere, high northern lats from anti-Saturn side, recedes over trailing hemisphere (which is better illuminated than rev 261)!! >60°N 110-240°W
2017-254T20:33:00	2017-254T22:13:00	RADAR Altimetry PIE (Pre-Integrated Event)	Long Range Altimetry (TN1a, TN2c)	RADRWA	S_N_ER_8	ISS VIMS SLEEP. RADAR will do turns to and from target. No custom period planned. RADAR track start 171.3W/70.1N end 191.4W/69.9N
2017-254T22:13:00	2017-254T23:46:00	ISS PIE (Pre-Integrated Event)	Cloud PIE (TC1a, TC1b, TN1a, TN2c, TN2d)	DFPW Normal	S_N_ER_3	Try to make sure that RADAR target is in ISS/VIMS image or In the PIE preceding RADAR
2017-254T23:46:00	2017-255T02:46:00	CIRS	Far-IR Nadir Mapping (TC1b, TN1c)	DFPW Normal	S_N_ER_3	
2017-255T02:46:00	2017-255T03:46:00	ISS	(TC1a, TC1b, TN1a, TN2c, TN2d)	DFPW Normal	S_N_ER_3	
2017-255T03:46:00	2017-255T06:46:00	CIRS	Composition Mapping (TC1b)	DFPW Normal	S_N_ER_3	
2017-255T06:46:00	2017-255T07:46:00	ISS PIE (Pre-Integrated Event)	Cloud PIE (TC1a, TC1b, TN1a, TN2c, TN2d)	DFPW Normal	S_N_ER_3	
2017-255T07:46:00	2017-255T12:46:00	CIRS	Mid-IR Temperature Mapping (TC1b)	DFPW Normal	S_N_ER_3	
2017-255T12:46:00	2017-255T13:46:00	ISS	(TC1a, TC1b, TN1a, TN2c, TN2d)	DFPW Normal	S_N_ER_3	
2017-255T13:46:00	2017-255T18:16:00	CIRS	Mid-IR Temperature Mapping (TC1b)	DFPW Normal	S_N_ER_3	
2017-255T18:16:00	2017-255T18:46:00	ISS	(TC1a, TC1b, TN1a, TN2c, TN2d)	DFPW Normal	S_N_ER_3	
2017-255T18:46:00	2017-255T21:06:00	CIRS	Composition Mapping (TC1b)	DFPW Normal	S_N_ER_3	
2017-255T21:06:00	2017-255T21:36:00	ISS	(TC1a, TC1b, TN1a, TN2c, TN2d)	DFPW Normal	S_N_ER_3	
2017-255T21:36:00	2017-255T22:16:00	SP Turn to Earth for Downlink	XBAND to Earth, NEG_Y to Saturn	DFPW Normal	S_N_ER_3	
2017-255T22:16:00	2017-255T23:56:00	Y-Bias Window		DFPW Normal	S_N_ER_3	
2017-255T23:56:00	2017-256T04:37:00	Goldstone 70M		DFPW Normal	RTE_N_SPB	Rolling - for MAG
2017-256T04:37:00	2017-256T12:25:00	Canberra 70M		DFPW Normal	RTE_N_SPB	Rolling - for MAG