

288TI nT

C/A Altitude = 194978 km

Delivered: January 17, 2017

Start Time	End Time	Prime Activity	Observation Detail	Operational Mode	Telemetry Mode	Comments
2017-222T15:11:00	2017-222T15:51:00	SP Turn to Waypoint	NEG_Y to Titan, NEG_X to Sun	DFPW Normal	S_N_ER_3	Secondary pointing is MIMI preference; Pick up from XBAND to Earth, NEG_Y to 92.4/-64.9 (Rolling)
2017-222T15:51:00	2017-222T16:51:00	ISS	Long Range Monitoring (TC1a, TC1b, TN1a, TN2c, TN2d)	DFPW Normal	S_N_ER_3	
2017-222T16:51:00	2017-222T23:31:00	CIRS	Mid-IR Temperature Mapping (TC1b)	DFPW Normal	S_N_ER_3	
2017-222T23:31:00	2017-223T00:31:00	ISS PIE (Pre-Integrated Event)	Cloud PIE (TC1a, TC1b, TN1a, TN2c, TN2d)	DFPW Normal	S_N_ER_3	
2017-223T00:31:00	2017-223T05:31:00	CIRS PIE (Pre-Integrated Event)	CIRS PIE: Composition Mapping (TC1b)	DFPW Normal	S_N_ER_3	
2017-223T05:03:41		CLOSEST APPROACH				TOST priority 1: approaches south of Menrva, high northern lats from anti-Saturn side, recedes over trailing hemisphere (which is better illuminated than rev 261) !! >60°N 120-260°W Ligeia!
2017-223T05:31:00	2017-223T06:31:00	ISS PIE (Pre-Integrated Event)	Cloud PIE (TC1a, TC1b, TN1a, TN2c, TN2d)	DFPW Normal	S_N_ER_3	
2017-223T06:31:00	2017-223T11:31:00	CIRS PIE (Pre-Integrated Event)	CIRS PIE: Composition Mapping (TC1a, TC1b, TN1a, TN2c, TN2d)	DFPW Normal	S_N_ER_3	ISS Collaborative Rider. 10-min ISS non-standard collaborative targeting to capture flying directly over Ligeia. 82/260 for lat/lon and specific timing TBD
2017-223T11:31:00	2017-223T12:31:00	ISS PIE (Pre-Integrated Event)	Cloud PIE (TC1a, TC1b, TN1a, TN2c, TN2d)	DFPW Normal	S_N_ER_3	
2017-223T12:31:00	2017-223T17:01:00	CIRS PIE (Pre-Integrated Event)	CIRS PIE: Composition Mapping (TC1b)	DFPW Normal	S_N_ER_3	
2017-223T17:01:00	2017-223T18:01:00	ISS PIE (Pre-Integrated Event)	Cloud PIE (TC1a, TC1b, TN1a, TN2c, TN2d)	DFPW Normal	S_N_ER_3	
2017-223T18:01:00	2017-224T00:16:00	CIRS	Composition Mapping (TC1b)	DFPW Normal	S_N_ER_3	
2017-224T00:16:00	2017-224T01:16:00	ISS	Long Range Monitoring (TC1a, TC1b, TN1a, TN2c, TN2d)	DFPW Normal	S_N_ER_3	
2017-224T01:16:00	2017-224T01:56:00	SP Turn to Earth for Downlink	XBAND to Earth, NEG_Y to Saturn (0.0, 0.0, -9.5 deg offset)	DFPW Normal	S_N_ER_3	Secondary pointing is MIMI preference
2017-224T01:56:00	2017-224T03:26:00	Y-Bias Window		DFPW Normal	S_N_ER_3	
2017-224T03:26:00	2017-224T12:26:00	Canberra 70M		DFPW Normal	RTE_N_SPB	