

**283TI nT**

C/A Altitude = 264294 km

Delivered: January 18, 2017

Start Time	End Time	Prime Activity	Observation Detail	Operational Mode	Telemetry Mode	Comments
2017-191T01:14	2017-191T01:20	IVP Update - Beginning of S101 Sequence		DFPW Normal	S_N_ER_3	
2017-191T01:20	2017-191T02:50	Y-Bias - Beginning of S101 Sequence		DFPW Normal	S_N_ER_3	
2017-191T02:50	2017-191T03:30	SP Turn to Waypoint	NEG_Y to Titan, NEG_X to Sun	DFPW Normal	S_N_ER_3	Secondary pointing is MIMI & ISS preference
2017-191T03:30	2017-191T04:20	ISS	(TC1a, TC1b, TN1a, TN2c, TN2d)	DFPW Normal	S_N_ER_3	
2017-191T04:20	2017-191T08:06	CIRS	Composition Mapping (TC1b, TN1c)	DFPW Normal	S_N_ER_3	
2017-191T08:06	2017-191T09:06	ISS PIE (Pre-Integrated Event)	Cloud PIE (TC1a, TC1b, TN1a, TN2c, TN2d)	DFPW Normal	S_N_ER_3	
2017-191T09:06	2017-191T13:21	CIRS	Mid-IR Temperature Mapping (TC1b, TN1c)	DFPW Normal	S_N_ER_3	
2017-191T13:21	2017-191T14:21	ISS PIE (Pre-Integrated Event)	Cloud PIE (TC1a, TC1b, TN1a, TN2c, TN2d)	DFPW Normal	S_N_ER_3	
2017-191T13:50:50		<b>CLOSEST APPROACH</b>				<b>TOST priority 1: approaches over Menrva, North Pole from Saturn side, recedes over Kraken!! ~80°N from ~70-330°W Ligeia?</b>
2017-191T14:21	2017-191T19:06	CIRS	Mid-IR Temperature Mapping (TC1b, TN1c)	DFPW Normal	S_N_ER_3	
2017-191T19:06	2017-191T20:36	ISS PIE (Pre-Integrated Event)	Cloud PIE (TC1a, TC1b, TN1a, TN2c, TN2d)	DFPW Normal	S_N_ER_3	
2017-191T20:36	2017-191T23:36	CIRS	Mid-IR Temperature Mapping (TC1b, TN1c)	DFPW Normal	S_N_ER_3	ISS Collaborative Rider: 10min ISS non-standard collaborative targeting to capture northern seas. A single NAC frame for 10 minutes would need to be collaborative with CIRS, pointing to ~73N/300W in the middle of the time block (flexible on the exact start time).
2017-191T23:36	2017-192T00:36	ISS PIE (Pre-Integrated Event)	Cloud PIE (TC1a, TC1b, TN1a, TN2c, TN2d)	DFPW Normal	S_N_ER_3	
2017-192T00:36	2017-192T04:18	CIRS	Composition Mapping (TC1b, TN1c)	DFPW Normal	S_N_ER_3	ISS Collaborative Rider: 10min ISS non-standard collaborative targeting to capture northern seas. A single NAC frame for 10 minutes would need to be collaborative with CIRS, pointing to ~73N/300W in the middle of the time block (flexible on the exact start time).
2017-192T04:18	2017-192T06:03	ISS PIE (Pre-Integrated Event)	Cloud PIE (TC1a, TC1b, TN1a, TN2c, TN2d)	DFPW Normal	S_N_ER_3	
2017-192T06:03	2017-192T07:34	UVIS Saturn PIE (Pre-Integrated Event)	Out-of-Discipline Saturn PIE, Stellar Occultation: Beta Canis Majoris (SC1a, SC2a, SN1c)	DFPW Normal	S_N_ER_3	
2017-192T07:34	2017-192T08:04	ISS	(TC1a, TC1b, TN1a, TN2c, TN2d)	DFPW Normal	S_N_ER_3	
2017-192T08:04	2017-192T09:55	CIRS	Composition Mapping (TC1b, TN1c)	DFPW Normal	S_N_ER_3	
2017-192T09:55	2017-192T10:25	ISS	(TC1a, TC1b, TN1a, TN2c, TN2d)	DFPW Normal	S_N_ER_3	
2017-192T10:25	2017-192T11:05	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
2017-192T11:05	2017-192T12:35	Y-Bias Window		DFPW Normal	S_N_ER_3	
2017-192T12:35	2017-192T17:14	Canberra 34M BWG		DFPW Normal	RTE_N_SPB	
2017-192T17:14	2017-193T00:13	Madrid 70M		DFPW Normal	RTE_N_SPB	