

# Transition Events Timeline

Activity / Event	Date
<p><b>Note: All Transition Activity/Event dates are subject to change</b></p> <ul style="list-style-type: none"> <li>-Transition to Transition Phase Configuration</li> <li>-Start of Optional Imaging UltraViolet Spectrograph (IUVS)</li> <li>-Solar Energetic Particle (SEP) and Magnetometer (MAG) Observations during 35 hour orbit</li> </ul>	September 22, 2014
Periapsis Lowering Maneuver (PLM) 1	September 24, 2014
Period Reduction Maneuver (PRM) 1	September 26, 2014
PRM 2	October 2, 2014
Thruster Calibration	October 3, 2014
PLM 2	October 5, 2014
<ul style="list-style-type: none"> <li>-Particles and Fields Package Checkout</li> <li>-Start Periapse Time Estimation (PTE) Data Collection</li> <li>-Start Background Sequence 2</li> </ul>	October 6, 2014
Neutral Gas and Ion Mass Spectrometer (NGIMS) Pre-Deploy Checkout 1	October 7, 2014
PRM 3	October 9, 2014
Langmuir Probe and Waves (LPW) Deployment	October 10, 2014
Articulated Payload Platform (APP)/Solar Wind Electron Analyzer (SWEA) Deploy	October 11, 2014
APP Calibration/Remote Sensing (RS) Checkout	October 13, 2014
NGIMS Checkout 2/Cover Deploy	October 14, 2014
Start Comet Siding Spring (CSS) Science (IUVS Imaging)	October 17, 2014
Mars Observations, Pre- and Post-CSS	October 17-22, 2014
CSS Preparation/Recover	October 19, 2014
Post CSS Spacecraft Checkouts	October 22, 2014
PLM 3	October 23, 2014
Extreme UltraViolet (EUV) Coarse and Fine Cruciform Scans	October 24, 2014
LPW Sync and Modes	October 27, 2014
APP SEP and MAG Scans	October 28, 2014
Electra Bit Error Rate (BER), Sniff	October 29, 2014
PLM 4	October 30, 2014
APP Calibration/RS Checkout 2	October 31, 2014
LPW Ping Test	November 3, 2014
MAG Roll	November 4, 2014
NGIMS Checkout 3	November 5, 2014
Electra Mars Science Laboratory (MSL) Relay Pass	November 6, 2014
Orbit Trim Maneuver 0	November 7, 2014
Science Start	November 8, 2014