

Title	Expected Start	Expected End	Resources	Q2 / 2017			Q3 / 2017			Q4 / 2017			Q1 / 2018			Q2 / 2018			Q3 / 2018			Q4 / 2018			Q
				4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
CMBpol study	5/1/17	12/31/18	Amy Trangsrud (JP...																						
Rough FS & mission concept development	5/1/17	8/25/17	Amy Trangsrud (JP...																						
Launch vehicle identification (Falcon 9)	5/1/17	5/26/17	Amy Trangsrud (JPL)																						
Rough mission design (L2 halo)	5/1/17	5/26/17	Amy Trangsrud (JPL)																						
Telecom options for spinning, precessing	5/1/17	5/26/17	Amy Trangsrud (JPL)																						
\$1B cost breakdown rules of thumb	6/1/17	8/23/17	TBD (JPL)																						
Spacecraft capabilities vs cost (e.g. ADCS, data, power)	7/3/17	8/25/17	TBD (JPL)																						
Imager Payload Concept	5/1/17	10/17/17	Shaul Hanany (EC),																						
Optical design (CAD + ray optics)	5/1/17	8/4/17	Shaul Hanany (EC), Amy Trangsrud (JPL)																						
Survey design (alpha, beta, ...)	6/1/17	7/26/17	Kris Gorski (JPL)																						
Thermal/cryogenic arch. and tech. selection (block diagram)	5/1/17	8/18/17	Chris Paine (JPL), Jeff McMahon (EC)																						
Detector, coupling, & readout tech assessment and selection	5/1/17	7/7/17	Roger O'Brient (JPL), Jeff McMahon (EC)																						
Focal plane layout (rough #/band)	5/15/17	8/18/17	Shaul Hanany (EC), Roger O'Brient (JPL)																						
Systematics WG	6/7/17	10/10/17	Brendan Crill (EC, JPL)																						
Prelim. systematics table	9/1/17	9/1/17	Brendan Crill (EC, JPL)																						
Data challenge	9/1/17	10/12/17	Lloyd Knox (EC)																						
Imager Science Traceability Matrix	7/3/17	10/6/17	Amy Trangsrud (JPL),																						
Imager STM Framed	7/3/17	7/28/17	Amy Trangsrud (JPL), Shau Hanany (EC)																						
Imager STM Rough Quantitative	7/31/17	9/8/17	Shaul Hanany (EC)																						
Imager STM Quantitative	9/11/17	10/6/17	Shaul Hanany (EC)																						
Spectrometer+Imager Payload Concept	5/15/17	10/17/17	Al Kogut (EC); Amy...																						
This to be filled in by Al...	5/15/17	9/29/17	Al Kogut (EC)																						
Spectrometer+Imager STM	7/3/17	10/6/17	Amy Trangsrud (JPL),																						
Spectrometer+Imager STM Framed	7/3/17	7/28/17	Amy Trangsrud (JPL), Al Kogut (EC)																						
Spectrometer+Imager STM Rough	7/31/17	9/8/17	Al Kogut (EC)																						
Spectrometer+Imager Quantitative	9/11/17	10/6/17	Al Kogut (EC)																						
Payload Decision (Combined or Imager Only)	10/18/17	10/18/17	Shaul Hanany (EC), Amy Trangsrud (JPL)																						
Refine and Combine Payload & Mission Concepts	10/18/17	11/28/17	TBD (JPL); Shaul Hanany (EC); Amy...																						
Thermal-optical-mechanical design made more unified	10/18/17	11/28/17	TBD (JPL)																						
Mature mission cost breakdown	10/18/17	11/28/17	TBD (JPL)																						
STM Draft 3	10/18/17	11/28/17	Shaul Hanany (EC)																						
Prepare inputs for Team X	10/18/17	11/28/17	Amy Trangsrud (JPL)																						
Team X Initial Instrument Study	11/29/17	12/28/17																							
Study	11/29/17	11/30/17																							
Team X draft report	12/1/17	12/14/17																							
Team X final report	12/15/17	12/28/17																							
AAS Meeting	1/5/18	1/5/18																							
Adjust Payload Design	12/15/17	3/8/18																							
Respond to surprises, take descopes as needed	12/15/17	2/8/18																							
Refine/update systematics table	2/9/18	3/8/18																							
Refine/update simulations	2/9/18	3/8/18																							
STM draft 4	2/9/18	3/8/18																							
Prep inputs for Update Study	2/9/18	3/8/18																							
Community Workshop	2/1/18	2/1/18																							
SAT proposals	3/1/18	3/1/18																							
Team X Updated Instrument Study	3/9/18	4/9/18																							
Study	3/9/18	3/12/18																							
Team X draft report	3/13/18	3/26/18																							
Team X final report	3/27/18	4/9/18																							
Team X Mission Study	4/10/18	5/9/18																							
Study	4/10/18	4/11/18																							
Team X draft report	4/12/18	4/25/18																							
Team X final report	4/26/18	5/9/18																							
Finalize Mission Design	4/26/18	6/6/18																							
Update Team X Mission Study	6/7/18	7/4/18																							
Report Writing	6/7/18	9/26/18																							
1st draft	6/7/18	8/1/18																							
2nd draft	8/2/18	8/29/18																							
Final draft	8/30/18	9/12/18																							
Documentation services	9/13/18	9/26/18																							
Margin	9/26/18	12/31/18																							