

Integrated Project Schedule Science Milestones

Row	Activity ID	Activity Desc.	% Prog.	IPF Finish	IPR Finish	2009				2010				2011				2012				2013				2014				2015				2016				2017	
						1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2
1	1_09 ALMA Science Schedule					Time Now - 31May2010																																	
2	1.09.9.6.200	Astronomical Signals with an ALMA Antennas, FE, BE and Correlator at OSF	100.00	22Jan2009	22Jan2009	▲ Astronomical Signals with an ALMA Antennas, FE, BE and Correlator at OSF																																	
3	1.09.9.6.202	Astronomical Fringes with two complete ALMA systems at the OSF	100.00	12Jul2009	12Jul2009	▲ Astronomical Fringes with two complete ALMA systems at the OSF																																	
4	1.09.9.6.204	Astronomical Fringes at the high site	100.00	22Oct2009	14Nov2009	▲ Astronomical Fringes at the high site																																	
5	1.09.9.6.22.22	Start of CSV - Includes Phase Closure with three antennas at AOS.	100.00	22Jan2010	15Nov2009	▲ Start of CSV - Includes Phase Closure with three antennas at AOS.																																	
6	1.09.9.6.210	Solicitation of Ideas for Science Verification Targets	0.00	31May2010	22May2010	▲ Solicitation of Ideas for Science Verification Targets																																	
7	1.09.9.6.212	Aperture Synthesis Image with Six or more antennas	0.00	11Aug2010	14Jul2010	▲ 24May2010 Aperture Synthesis Image with Six or more antennas																																	
8	1.09.9.6.214	Demonstration of Phase Correction with WVR's.	0.00	26Aug2010	31May2010	▲ Demonstration of Phase Correction with WVR's.																																	
9	1.09.9.6.215	Observatory Readiness Review	0.00	22Oct2010	22Oct2010	▲ 23Jul2010 Observatory Readiness Review																																	
10	1.09.9.6.218	Release of first Science Verification data	0.00	18Nov2010	22Nov2010	▲ 07Aug2010 Release of first Science Verification data																																	
11	1.09.9.6.70	First Call for Proposals	0.00	02Dec2010	21Nov2010	▲ 22Aug2010 First Call for Proposals																																	
12	1.09.9.6.222	Proposal due date	0.00	31Jan2011	04Feb2011	▲ 21Oct2010 Proposal due date																																	
13	1.09.9.6.220	First sub-millimetre wavelength synthesis image	0.00	09Mar2011	04Mar2011	▲ First sub-millimetre wavelength synthesis image																																	
14	1.09.9.6.224	Astronomical Signal with an ACA 7m Antenna at OSF	0.00	17Mar2011	17Mar2011	▲ Astronomical Signal with an ACA 7m Antenna at OSF																																	
15	1.09.9.6.226	Release of First Public Images	0.00	17May2011	17May2011	▲ Release of First Public Images																																	
16	1.09.9.6.228	Polarization Images	0.00	16Jul2011	30Sep2010	▲ Polarization Images																																	
17	1.09.9.6.80	Early Science - Start	0.00	30Jul2011	21Jul2011	▲ 19Apr2011 Early Science - Start																																	
18	1.09.9.6.230	Phase closure with 3 ACA 7m antennas	0.00	13Aug2011	13Aug2011	▲ Phase closure with 3 ACA 7m antennas																																	
19	1.09.9.6.232	Aperture synthesis image with Six or more 7m antennas	0.00	09Jan2012	09Jan2012	▲ Aperture synthesis image with Six or more 7m antennas																																	
20	1.09.9.6.216	Continuum Total Power Image using a 12m antenna with a nutating subreflector	0.00	21Mar2012	15Nov2010	▲ Continuum Total Power Image using a 12m antenna with a nutating subreflector																																	
21	1.09.9.6.238	First image at a frequency higher than 850 GHZ	0.00	07Apr2012	07Apr2012	▲ First image at a frequency higher than 850 GHZ																																	
22	1.09.9.6.234	Maps combining 12-m and ACA antennas	0.00	08Apr2012	08Apr2012	▲ Maps combining 12-m and ACA antennas																																	
23	1.09.9.6.236	Maps combining zero-spacing with 12-m and ACA	0.00	07Jun2012	07Jun2012	▲ Maps combining zero-spacing with 12-m and ACA																																	
24	1.09.9.6.240	High resolution images using baselines of ~4km	0.00	06Aug2012	06Aug2012	▲ High resolution images using baselines of ~4km																																	
25	1.09.9.6.242	"Extreme" resolution images with the longest baselines	0.00	05Oct2012	05Oct2012	▲ "Extreme" resolution images with the longest baselines																																	
26	1.09.9.6.84	Inauguration	0.00	08Jan2013	31Aug2012	▲ 28Sep2012 Inauguration																																	
27	1.09.9.6.88	66 antennas in service	0.00	13Jul2013	31Mar2013	▲ 01Apr2013 OT- 01-Apr-13 66 antennas in service																																	