

## Integrated Project Schedule Operation's Tracking Activities

Row	Activity ID	Activity Desc.	Start	Finish	2006				2007				2008				2009				2010				2011				2012				2013		
					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
1	1_01 ALMA Management Schedule				e Now - 31Dec2006																														
2	1.01.1.16.1.13	Start Operations Budget	01Jan06A	01Jan06A	Start Operations Budget																														
3	1.01.1.26.12	ALMA Safety Support Transfer to Operations	01Jan08	01Jan08	01Jan2008 ALMA Safety Support Transfer to Operations																														
4	1_07 Computing																																		
5	1.07.1.10.15.70.20	Ship Chilean Pipeline and Archive Computer equipment	01Oct09	16Oct09	01Oct2009 Ship Chilean Pipeline and Archive Computer equipment																														
6	1.07.1.10.15.70.45	Install the SCO Software (Pipeline, Archive and Remote Operation)	09Dec09	08Jan10	09Dec2009 Install the SCO Software (Pipeline, Archive and Remote Operation)																														
7	1_08 Systems Engineering & Integration																																		
8	1.08.1.8.6.18.2.72.002	Antenna 1 AIV Receive at OSF	29Jun07	29Jun07	29Jun2007 Antenna 1 AIV Receive at OSF																														
9	1.08.1.8.6.18.1.2.10	OSF Warehouse - AIV Notified Ready to Use	03Jul07	03Jul07	03Jul2007 OSF Warehouse - AIV Notified Ready to Use																														
10	1.08.1.8.6.18.3.100.002	Back End 1 - AIV Receive at OSF	06Jul07	06Jul07	06Jul2007 Back End 1 - AIV Receive at OSF																														
11	1.08.1.8.6.18.5.10	1st Quadrant Correlator at AOS - AIV Receive	30Oct07	30Oct07	13Jun2007 30Oct2007 1st Quadrant Correlator at AOS - AIV Receive																														
12	1.08.1.8.6.18.8.60.01	ACA Correlator at AOS - AIV Receive	23Apr08	23Apr08	23Apr2008 ACA Correlator at AOS - AIV Receive																														
13	1.08.1.8.6.24.14	Ant 1 & 2 OSF Interferometer Start	28Aug08	28Aug08	02May2008 28Aug2008 Ant 1 & 2 OSF Interferometer Start																														
14	1.08.1.8.6.24.20.001	Ant 1 AIV AOS Reference Pad Phase 1 Functional Checks	16Oct08	08Nov08	16Oct2008 13Oct2008 08Nov2008 Ant 1 AIV AOS Reference Pad Phase 1 Functional Checks																														
15	1.08.1.8.6.42.04.22.004	Ant 3 AIV AOS Move to Ref Pad A1 Check Out	25Dec08	15Jan09	25Dec2008 15Jan2009 Ant 3 AIV AOS Move to Ref Pad A1 Check Out																														
16	1_09 Science																																		
17	1.09.9.6.22.22	Start of Science Commissioning (CSV)	06Mar09	06Mar09	06Mar2009 Start of Science Commissioning (CSV)																														
18	1.09.9.6.22.26	Commissioning 9-16 Antenna Array	22Oct09	11Mar10	19Oct2009 22Oct2009 Commissioning 9-16 Antenna Array																														
19	1.09.9.6.70	Early Science Decision Point (ESDP)	10Jan10	10Jan10	08Jan2010 10Jan2010 Early Science Decision Point (ESDP)																														
20	1.09.9.6.80	Early Science - Start	09Nov10	09Nov10	07Nov2010 09Nov2010 Early Science - Start																														
21	1.09.9.6.24.60	Antennas 32+ Science Verification	04Jun11	13Jan12	01Jun2011 04Jun2011 Antennas 32+ Science Verification																														
22	1.09.9.6.88	Start of Full Science Operations (50)	07Sep12	07Sep12	04Sep2012 07Sep2012 Start of Full Science Operations (50)																														