

## 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
1	1_01 ALMA Management Schedule				Time Now - 31Jul2007																													
2	1.01.1.16.1.13	Start Operations Budget	01Jan06A	01Jan06A	Start Operations Budget - 01Jan06																													
3	1.01.1.26.12	ALMA Safety Support Transfer to Operations	31Dec07	31Dec07	ALMA Safety Support Transfer to Operations - 31Dec07																													
4	1_07 Computing																																	
5	1.07.1.10.15.35.20	Ship Chilean Pipeline and Archive Computer equipment	12Feb10	01Mar10	Ship Chilean Pipeline and Archive Computer equipment																													
6	1.07.1.10.15.35.45	Install the SCO Software (Pipeline, Archive and Remote Operation)	22Apr10	13May10	Install the SCO Software (Pipeline, Archive and Remote Operation)																													
7	1_08 Systems Engineering & Integration																																	
8	1.08.1.8.6.18.1.2.10	OSF Warehouse - AIV Notified Ready to Use	28Sep07	28Sep07	OSF Warehouse - AIV Notified Ready to Use - 28Sep07																													
9	1.08.1.8.6.18.2.72.002	Antenna 1 AIV Receive at OSF	20Dec07	20Dec07	Antenna 1 AIV Receive at OSF - 20Dec07																													
10	1.08.1.8.6.18.5.10	1st Quadrant Correlator at AOS - AIV Receive	03Mar08	03Mar08	1st Quadrant Correlator at AOS - AIV Receive - 03Mar08																													
11	1.08.1.8.6.18.8.60.01	ACA Correlator at AOS - AIV Receive	23Apr08	23Apr08	ACA Correlator at AOS - AIV Receive - 23Apr08																													
12	1.08.1.8.6.24.14	Ant 1 & 2 OSF Interferometer Start	14Oct08	14Oct08	Ant 1 & 2 OSF Interferometer Start - 14Oct08																													
13	1.08.1.8.6.42.04.22.004	Ant 3 AIV AOS Move to Ref Pad A1 Check Out	10Feb09	03Mar09	Ant 3 AIV AOS Move to Ref Pad A1 Check Out																													
14	1_09 Science																																	
15	1.09.9.6.18.02	Ready to Commission in Array Ant 1	03Mar09	03Mar09	Ready to Commission in Array Ant 1 - 03Mar09																													
16	1.09.9.6.22.22	Start of Science Commissioning (CSV)	22Apr09	22Apr09	Start of Science Commissioning (CSV) - 22Apr09																													
17	1.09.9.6.22.26	Commissioning 9-16 Antenna Array	27Feb10	11Jul10	Commissioning 9-16 Antenna Array																													
18	1.09.9.6.70	Early Science Decision Point (ESDP)	12May10	12May10	Early Science Decision Point (ESDP) - 12May10																													
19	1.09.9.6.80	Early Science - Start	11Mar11	11Mar11	Early Science - Start - 11Mar11																													
20	1.09.9.6.24.60	Antennas 32+ Science Verification	20Sep11	30Apr12	Antennas 32+ Science Verification																													
21	1.09.9.6.88	Start of Full Science Operations (50)	30Nov12	30Nov12	Start of Full Science Operations (50) - 04Sep12																													