

## Integrated Project Schedule Operation's Tracking Activities

Row	Activity ID	Activity Desc.	Start	Finish	Total Floa	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					Time Now - 31Aug2008																														
2	1.01.1.16.1.13	Start Operations Budget	01Jan06A	01Jan06A	0	Start Operations Budget																														
3	1.01.1.26.12	ALMA Safety Support Transfer to Operations	31Dec07A	31Dec07A	0	ALMA Safety Support Transfer to Operations																														
4	1_07 ALMA Computing Schedule																																			
5	1.07.1.10.15.35.20	Ship Chilean Pipeline and Archive Computer equipment	15Dec09	08Jan10	744d	Ship Chilean Pipeline and Archive Computer equipment																														
6	1.07.1.10.15.35.45	Install the SCO Software (Pipeline, Archive and Remote Operation)	03Mar10	24Mar10	744d	Install the SCO Software (Pipeline, Archive and Remote Operation)																														
7	1_08 ALMA Systems Engineering & Integration Schedule																																			
8	1.08.1.8.6.18.1.2.10	OSF Warehouse - AIV Notified Ready to Use	03Dec07A	03Dec07A	0	OSF Warehouse - AIV Notified Ready to Use																														
9	1.08.1.8.6.18.2.90.001	Antenna 1 AIV Start Share Use	21Aug08A	21Aug08A	0	Antenna 1 AIV Start Share Use																														
10	1.08.1.8.6.18.5.10	1st Quadrant Correlator at AOS - AIV Receive	01Sep08	01Sep08	-17d	15Aug2008 1st Quadrant Correlator at AOS - AIV Receive																														
11	1.08.1.8.6.18.2.90.002	Antenna 2 AIV Receive at OSF	23Sep08	23Sep08	-217d	20Feb2008 Antenna 2 AIV Receive at OSF																														
12	1.08.1.8.6.24.14	Ant 1 & 2 OSF Interferometer Start	13Apr09	13Apr09	-279d	09Jul2008 Ant 1 & 2 OSF Interferometer Start																														
13	1.08.1.8.6.42.04.22.004	Ant 3 AIV AOS Move to Ref Pad A1 Check Out	04Jul09	25Jul09	-232d	14Nov2008 Ant 3 AIV AOS Move to Ref Pad A1 Check Out																														
14	1_09 ALMA Science Schedule																																			
15	1.09.9.6.18.02	Ready to Commission in Array Ant 1	10Sep09	10Sep09	-254d	31Dec2008 Ready to Commission in Array Ant 1																														
16	1.09.9.6.22.22	Start of Science Commissioning (CSV)	05Oct09	05Oct09	-279d	31Dec2008 Start of Science Commissioning (CSV)																														
17	1.09.9.6.22.26	Commissioning 9-16 Antenna Array	18May10	07Nov10	-345d	07Jun2009 Commissioning 9-16 Antenna Array																														
18	1.09.9.6.70	Early Science Decision Point (ESDP)	08Sep10	08Sep10	-345d	29Sep2009 Early Science Decision Point (ESDP)																														
19	1.09.9.6.80	Early Science - Start	08Jul11	08Jul11	-345d	29Jul2010 Early Science - Start																														
20	1.09.9.6.24.60	Antennas 32+ Science Verification	06Aug11	31Dec11	-341d	30Aug2010 Antennas 32+ Science Verification																														
21	1.09.9.6.88	Start of Full Science Operations (66)	15Aug13	15Aug13	-345d	04Sep2012 OT- 04-Sep-12 Start of Full Science Operations (66)																														