

**ALMA Observing Activity from 2014-06-24T18:00:00 to 2014-07-01T17:59:00**  
**QA0 pass executions**

**2014-06-27**

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
03:41:48	05:03:29	2012.1.00441.S	IRAS_18162-2048	3D Structure of an Ionized Jet from a Massive Protostar	Galvan-Madrid	EU	12-m	3
04:56:57	06:32:06	2012.1.00769.S	Serpens_South_231_7m	Serpens South: Outflows impacting the youngest, densest proto-cluster	Plunkett	CL	7-m	6
05:06:21	06:26:40	2012.1.00441.S	IRAS_18162-2048	3D Structure of an Ionized Jet from a Massive Protostar	Galvan-Madrid	EU	12-m	3
06:32:26	08:05:52	2012.1.00769.S	Serpens_South_231_7m	Serpens South: Outflows impacting the youngest, densest proto-cluster	Plunkett	CL	7-m	6
08:18:39	09:31:21	2012.1.00789.S	ngc_253_aca	Uncover Obscured Starburst Activity on The Central 200pc of NGC 253	Nakanishi	EA	7-m	6
09:50:38	11:05:59	2012.1.00789.S	ngc_253_aca	Uncover Obscured Starburst Activity on The Central 200pc of NGC 253	Nakanishi	EA	7-m	6
11:10:05	12:24:41	2012.1.00789.S	ngc_253_aca	Uncover Obscured Starburst Activity on The Central 200pc of NGC 253	Nakanishi	EA	7-m	6

**2014-06-28**

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
02:13:00	03:46:21	2012.1.00769.S	Serpens_South_231_7m	Serpens South: Outflows impacting the youngest, densest proto-cluster	Plunkett	CL	7-m	6
04:41:43	06:01:21	2012.1.00441.S	IRAS_18162-2048	3D Structure of an Ionized Jet from a Massive Protostar	Galvan-Madrid	EU	12-m	3
04:46:03	06:27:35	2013.1.01058.S	SgrA_sta_a_07_7M	Irradiated Shocks and Ionisation Sources in the Central Parsec of the Milky Way	Goicoechea	EU	7-m	7
06:03:14	07:26:41	2012.1.00441.S	IRAS_18162-2048	3D Structure of an Ionized Jet from a Massive Protostar	Galvan-Madrid	EU	12-m	3
06:27:53	08:15:29	2013.1.01058.S	SgrA_sta_a_07_7M	Irradiated Shocks and Ionisation Sources in the Central Parsec of the Milky Way	Goicoechea	EU	7-m	7
07:27:00	07:56:49	2012.1.00729.S	3C454.3_Band3	Millimeter and Submillimeter Spectrum of 3C 454.3 in the Close Vicinity of the Central Engine	Nagai	EA	12-m	3
08:16:12	08:46:11	2012.1.00729.S	3C454.3_Band6a	Millimeter and Submillimeter Spectrum of 3C 454.3 in the Close Vicinity of the Central Engine	Nagai	EA	12-m	6
08:25:42	09:38:45	2013.1.00191.S	NGC253_a_06_7M	Blowin' in the Wind: the Properties of the Starburst-driven Wind in NGC 253	Bolatto	NA	7-m	6
08:47:09	09:16:45	2012.1.00729.S	3C454.3_Band6b	Millimeter and Submillimeter Spectrum of 3C 454.3 in the Close Vicinity of the Central Engine	Nagai	EA	12-m	6
09:28:35	09:59:52	2012.1.00729.S	3C454.3_Band7a	Millimeter and Submillimeter Spectrum of 3C 454.3 in the Close Vicinity of the Central Engine	Nagai	EA	12-m	7
09:40:47	10:54:45	2013.1.00191.S	NGC253_a_06_7M	Blowin' in the Wind: the Properties of the Starburst-driven Wind in NGC 253	Bolatto	NA	7-m	6
10:49:50	11:21:05	2012.1.00729.S	3C454.3_Band7b	Millimeter and Submillimeter Spectrum of 3C 454.3 in the Close Vicinity of the Central Engine	Nagai	EA	12-m	7
10:55:01	12:07:55	2013.1.00191.S	NGC253_a_06_7M	Blowin' in the Wind: the Properties of the Starburst-driven Wind in NGC 253	Bolatto	NA	7-m	6
11:48:01	12:39:47	2013.1.00221.S	NGC1068_b_06_TE	Investigating strongly-shocked and X-ray-irradiated dense gas properties: SiO multi-transition 40pc-resolution imaging in the center of NGC1068	Taniguchi	EA	12-m	6
13:33:46	14:49:39	2013.1.00815.S	WMH5_a_06_TE	Are low metallicity and dust mass common in high-redshift, UV-luminous starbursts?	Willott	NA	12-m	6
14:49:12	16:14:42	2012.1.00382.S	HH46-47_115_7m	Outflow Entrainment and Core	Mardones	CL	7-m	3

17:37:03	18:20:04	2013.1.01061.S	C2012K1_a_07_TE	Dispersal in HH46/47 Examining the molecular coma of comet C/2012 K1 (PanSTARRS)	Cordiner	NA	12-m	7
18:45:11	20:06:06	2013.1.01061.S	C2012K1_a_06_TE	Examining the molecular coma of comet C/2012 K1 (PanSTARRS)	Cordiner	NA	12-m	6
20:28:40	21:56:23	2012.1.00382.S	HH46-47_110_7m	Outflow Entrainment and Core Dispersal in HH46/47	Mardones	CL	7-m	3
21:12:53	21:45:54	2013.1.01172.S	ngc_3110_a_03_TE	CO isotopic ratio enhancement of alpha-selected merging luminous infrared galaxies	Saito	EA	12-m	3
21:50:28	22:40:45	2012.1.00539.S	Q09498_107_12m_C32-56	Molecular gas and starforming regions in disk U/LIRGs - analogs for high-z starforming galaxies	Weiner	NA	12-m	3
23:40:07	01:06:29	2013.1.01016.S	2M1207_a_07_TE	An ALMA investigation of the environment around the young 2M1207b planetary mass object	Ricci	NA	12-m	7

**2014-06-29**

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
00:23:27	01:47:42	2013.1.00234.S	G331.372_a_06_7M	Initial gas structure in a cold, massive clump: cluster formation in its earliest stages	Gomez	CL	7-m	6
01:29:21	02:37:16	2012.1.00539.S	Q14286-Q15115_105_12m_C32-56	Molecular gas and starforming regions in disk U/LIRGs - analogs for high-z starforming galaxies	Weiner	NA	12-m	3
02:40:07	03:08:12	2012.1.00119.S	J1744-312_105GHz_12m_C32-56	A new hot, diffuse molecular component in the nuclear bulge of the Milky Way	Bronfman	CL	12-m	3
04:17:33	05:32:54	2013.1.00278.S	IRAS1629_i_07_7M	Formation of complex organics in solar-type protostars	Jorgensen	EU	7-m	7
05:38:55	07:03:09	2013.1.00366.S	HD_16329_a_06_TE	A 3-Dimensional View of Protoplanetary Disk Turbulence	Hughes	NA	12-m	6
07:03:38	07:59:08	2013.1.00576.S	W2246-05_a_07_TE	Observations of the [CII] Emission Line in Hot-Dust Obscured Galaxies	Assef	CL	12-m	7
08:04:38	09:28:07	2013.1.00999.S	Abell_27_a_06_TE	Lensing Through Cosmic Time: ALMA Constraints on "Normal" Galaxies in the HST Frontier Fields	Bauer	CL	12-m	6
08:17:23	09:38:52	2013.1.00191.S	NGC253_a_03_7M	Blowin' in the Wind: the Properties of the Starburst-driven Wind in NGC 253	Bolatto	NA	7-m	3
09:30:13	09:51:07	2013.1.01051.S	ACTJ0102_a_07_TE	A high-resolution band-7 continuum survey of SMGs in the field of five SZE-selected galaxy clusters.	Aguirre	CL	12-m	7
09:39:06	11:01:42	2013.1.00191.S	NGC253_a_03_7M	Blowin' in the Wind: the Properties of the Starburst-driven Wind in NGC 253	Bolatto	NA	7-m	3
09:52:08	10:14:34	2013.1.00989.S	RGB_J015_a_07_TE	Probing the inner-most region of the relativistic jet in extreme TeV blazars	Akiyama	EA	12-m	7
10:15:50	11:51:58	2012.1.00602.S	NB816-S-61269	Shedding light on the completion of reionization by ALMA [CII] Observations	Momose	EA	12-m	7
11:01:58	12:23:57	2013.1.00191.S	NGC253_a_03_7M	Blowin' in the Wind: the Properties of the Starburst-driven Wind in NGC 253	Bolatto	NA	7-m	3
13:46:09	14:38:45	2012.1.00474.S	ngc1566_229_12m_C32-5	Understanding nuclear streaming: stellar, atomic and molecular gas kinematics in the inner 100pc of nearby active galaxies	Nagar	CL	12-m	6
14:05:09	15:27:20	2013.1.00191.S	NGC253_a_03_7M	Blowin' in the Wind: the Properties of the Starburst-driven Wind in NGC 253	Bolatto	NA	7-m	3
14:46:48	15:57:11	2012.1.00474.S	ngc1566_229_12m_C32-5	Understanding nuclear streaming: stellar, atomic and molecular gas kinematics in the inner 100pc of nearby active galaxies	Nagar	CL	12-m	6
16:28:32	17:30:37	2013.1.01161.S	NGC1365_a_06_7M	From Bars to CMZs and YMCs	Sakamoto	EA	7-m	6
17:14:40	18:26:41	2013.1.01061.S	C2012K1_b_07_TE	Examining the molecular coma of comet C/2012 K1 (PanSTARRS)	Cordiner	NA	12-m	7
17:41:09	19:03:14	2012.1.00382.S	HH46-47_115_7m	Outflow Entrainment and Core Dispersal in HH46/47	Mardones	CL	7-m	3
19:13:22	20:25:18	2013.1.01061.S	C2012K1_c_07_TE	Examining the molecular coma of comet C/2012 K1 (PanSTARRS)	Cordiner	NA	12-m	7

20:33:30	21:03:48	2013.1.01061.S	C2012K1_b_06_TE	Examining the molecular coma of comet C/2012 K1 (PanSTARRS)	Cordiner	NA	12-m	6
21:07:00	21:56:24	2013.1.00164.S	SDP130_a_06_TE	CH+(1-0) absorption: the very first probe of turbulent dissipation in high-z galaxies	Falgarone	EU	12-m	6

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Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
02:20:47	03:33:37	2013.1.00395.S	2MASS_J1_b_07_TE	The Evolution of Disks Around Low-mass Stars	Carpenter	NA	12-m	7
03:59:39	05:02:53	2013.1.00395.S	2MASS_J1_a_07_TE	The Evolution of Disks Around Low-mass Stars	Carpenter	NA	12-m	7
04:00:55	05:15:47	2013.1.00278.S	IRAS1629_f_07_7M	Formation of complex organics in solar-type protostars	Jorgensen	EU	7-m	7
05:03:22	05:42:00	2013.1.00487.S	GSC_6214_a_07_TE	Characterizing the Circum-Planetary Disk of GSC 6214-210 b with ALMA	Bowler	NA	12-m	7
05:19:15	06:57:12	2013.1.00018.S	IRAS_162_a_07_7M	Understanding the Origins and Dynamics of the Multiple Outflows Around IRAS 16293-2422	Schmalzl	EU	7-m	7
05:44:14	06:59:05	2013.1.00362.S	SSA22J22_a_07_TE	The Assembly Line of Normal Galaxies: the Direct Detection of the Dusty Phase of Star Formation at z~3	Coppin	EU	12-m	7
07:01:13	08:14:33	2013.1.00020.S	PKS1830-211_c_07_TE	Hydrides as diagnostic tools for the z=0.89 absorption toward PKS 1830-211	Muller	EU	12-m	7
08:05:07	09:21:44	2013.1.00191.S	NGC253_a_03_7M	Blowin' in the Wind: the Properties of the Starburst-driven Wind in NGC 253	Bolatto	NA	7-m	3
08:19:34	09:34:04	2013.1.00362.S	SSA22J22_a_07_TE	The Assembly Line of Normal Galaxies: the Direct Detection of the Dusty Phase of Star Formation at z~3	Coppin	EU	12-m	7
10:11:14	11:19:59	2013.1.00991.S	NGC_1614_a_03_7M	The full anatomy of a minor merger	König	EU	7-m	3
11:23:23	12:31:39	2013.1.00991.S	NGC_1614_a_03_7M	The full anatomy of a minor merger	König	EU	7-m	3
11:43:55	12:38:54	2013.1.01172.S	ngc_1614_b_06_TE	CO isotopic ratio enhancement of Pa alpha-selected merging luminous infrared galaxies	Saito	EA	12-m	6

### 2014-07-01

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
01:19:11	02:25:49	2013.1.01161.S	M83_a_06_7M	From Bars to CMZs and YMCs	Sakamoto	EA	7-m	6
02:26:34	03:50:27	2013.1.00234.S	G331.372_a_06_7M	Initial gas structure in a cold, massive clump: cluster formation in its earliest stages	Gomez	CL	7-m	6
05:51:55	07:02:06	2013.1.00269.S	SgrB2_a_03_7M	Sgr B2 - The Proving Ground for Star Formation Theories	Ginsburg	EU	7-m	3
06:19:31	06:47:07	2012.1.00119.S	J1744-312_108GHz_12m_C32-56	A new hot, diffuse molecular component in the nuclear bulge of the Milky Way	Bronfman	CL	12-m	3
07:08:17	08:57:17	2013.1.00211.S	B335_a_06_7M	X marks the spot: outflow-infall interaction in B335	Mardones	CL	7-m	6
08:46:49	09:56:04	2012.1.00001.S	NGC1097_89_12m_C32-5	The Molecular Medium in the Prototypical Barred Spiral NGC 1097	Sheth	NA	12-m	3
09:04:48	10:20:32	2013.1.00532.S	ngc628_a_03_7M	The Dense Gas Fraction and Its Dependence on Galactic Environment	Schinnerer	EU	7-m	3
09:56:26	11:16:41	2013.1.00146.S	HDF_b_03_TE	A Molecular ALMA Deep Field in the UDF	Walter	EU	12-m	3
10:27:13	11:22:14	2012.1.00394.S	Multi-source_93GHz_7m_ACA	Revealing the Evolutionary Status of Candidate First Cores	Mardones	CL	7-m	3
11:34:00	12:06:12	2013.1.01172.S	ngc_1614_b_03_TE	CO isotopic ratio enhancement of Pa alpha-selected merging luminous infrared galaxies	Saito	EA	12-m	3
11:41:15	12:36:05	2012.1.00394.S	Multi-source_93GHz_7m_ACA	Revealing the Evolutionary Status of Candidate First Cores	Mardones	CL	7-m	3