

**ALMA Observing Activity from 2015-08-04T17:59:00 to 2015-08-11T18:00:00**  
**QA0 pass executions**

**2015-08-04**

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
22:21:30	22:59:47	2012.1.00317.S	Arp220_C6_3	Gauging Deeply Hidden Nuclei of Arp 220	Sakamoto	EA	12-m	6

**2015-08-05**

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
00:15:52	01:19:24	2012.1.00368.S	Serpens__a_07_TP	Revealing the Density and Kinematic Structure in the Serpens Active Star Formation Region	Mundy	NA	Total Power	7
02:02:34	04:05:14	2012.1.00366.S	Multi-source_16061	Fragmentation of massive dense clumps: unveiling the initial conditions of high-mass star formation	Fontani	EU	12-m	7
04:06:07	05:45:37	2013.1.00601.S	HD_16329_a_06_TE	ALMA measurements of disk turbulence	Isella	NA	12-m	6
05:24:42	06:27:14	2013.1.00099.S	NGC253_a_07_TP	Dense Gas Thermometry of Starburst Galaxies	Mangum	NA	Total Power	7
05:46:13	07:23:00	2012.1.00240.S	J0129-0035__280GHz_12m_C32-6	Mapping Star Formation and Gas Dynamics in Luminous Quasar Host Galaxies at z~6	Wang	NA	12-m	7
06:28:01	07:17:31	2013.1.00099.S	Uranus_NGC253_a_07_TP	Dense Gas Thermometry of Starburst Galaxies	Mangum	NA	Total Power	7
07:21:39	08:24:50	2013.1.00099.S	NGC253_a_07_TP	Dense Gas Thermometry of Starburst Galaxies	Mangum	NA	Total Power	7
07:23:37	08:10:21	2013.1.00111.S	ngc1068_a_06_TE	The extreme UV through ALMA's eyes: a unique probe of the ionizing power of starbursts and super massive black holes	Scoville	NA	12-m	6
08:11:02	09:04:03	2013.1.01225.S	NGC_1052_a_06_TE	Accretion matter onto the central engine of the nearby radio galaxy NGC 1052	Kameno	EA	12-m	6
08:28:01	09:23:04	2012.1.00368.S	Uranus_a_07_TP	Revealing the Density and Kinematic Structure in the Serpens Active Star Formation Region	Mundy	NA	Total Power	7
09:21:13	10:37:33	2013.1.00880.S	SPT0529-_a_04_TE	A Pilot Study to Detect Dark Matter Subhalos with ALMA using Strongly Lensed submm Galaxies	Hezaveh	NA	12-m	4
10:38:18	11:54:02	2013.1.00880.S	SPT0532-_a_04_TE	A Pilot Study to Detect Dark Matter Subhalos with ALMA using Strongly Lensed submm Galaxies	Hezaveh	NA	12-m	4
10:46:02	11:39:41	2013.1.00191.S	NGC253_a_03_TP	Blowin' in the Wind: the Properties of the Starburst-driven Wind in NGC 253	Bolatto	NA	Total Power	3

**2015-08-06**

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
01:31:03	02:15:54	2013.1.01242.S	Circumnu_a_03_TE	SiO Observations of the Circumnuclear Molecular Ring and Its Interior	Yusef-Zadeh	NA	12-m	3
02:21:32	02:55:49	2013.1.00600.S	NGC6334I_a_03_TE	Resolving the Protostellar Population of the Massive Protocluster NGC6334I	Hunter	NA	12-m	3
02:56:33	03:29:42	2013.1.00940.S	sgrb2_m_a_03_TE	Interstellar rust -- confirmation of the first iron molecule in the ISM	Michael	CL	12-m	3
03:30:25	04:04:08	2013.1.00940.S	sgrb2_m_b_03_TE	Interstellar rust -- confirmation of the first iron molecule in the ISM	Michael	CL	12-m	3
04:40:29	05:46:50	2013.1.00218.S	NGC7469_c_03_TE	Spatially resolved 3 mm imaging line survey toward NGC 7469	Izumi	EA	12-m	3
05:44:53	06:32:15	2013.1.00191.S	J2253+1608_a_03_TP	Blowin' in the Wind: the Properties of the Starburst-driven Wind in NGC 253	Bolatto	NA	Total Power	3
06:38:08	07:48:36	2013.1.00221.S	NGC1068_a_03_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	3
06:41:37	07:35:21	2013.1.00191.S	NGC253_a_03_TP	Blowin' in the Wind: the Properties of the Starburst-driven Wind in NGC 253	Bolatto	NA	Total Power	3
10:56:29	11:50:12	2013.1.00191.S	NGC253_a_03_TP	Blowin' in the Wind: the Properties of the Starburst-driven Wind in NGC 253	Bolatto	NA	Total Power	3

11:22:46	11:57:36	2013.1.01167.S	MACS0257_a_03_TE	Exceptionally Bright Cluster-Lensed SMGs at z=2.0 and 4.7	Egami	NA	12-m	3
22:20:28	23:21:21	2013.1.01359.S	3c298_a_04_TE	Probing The Star Burst Phase of Quasar Host Galaxies	Vayner	NA	12-m	4
23:47:13	00:34:58	2013.1.00379.S	IRAS_131_c_03_TE	The Forgotten Local Ultra Luminous Infrared Galaxy: IRAS 13120-5453	Sliwa	NA	12-m	3

### 2015-08-07

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
00:40:34	02:06:12	2013.1.00883.S	hd141569_a_03_TE	HD141569: Pristine gas and evolved dust	Pericaud	EU	12-m	3
02:11:28	02:37:25	2013.1.00428.S	1933-400_a_03_TE	Dark Molecular Gas	Bronfman	CL	12-m	3
03:23:44	04:29:44	2013.1.01213.S	XCSJ2215_a_03_TE	Testing the reversal of the star-formation-density relation in a high redshift cluster	Ma	EU	12-m	3
04:43:14	05:30:47	2013.1.00191.S	J2253+1608_a_03_TP	Blowin'in the Wind: the Properties of the Starburst-driven Wind in NGC 253	Bolatto	NA	Total Power	3
05:18:00	06:45:32	2013.1.00350.S	Haro11_a_03_TE	Haro11: solving the mystery of star formation without cold gas	Cormier	EU	12-m	3
06:05:07	06:58:56	2013.1.00191.S	NGC253_a_03_TP	Blowin'in the Wind: the Properties of the Starburst-driven Wind in NGC 253	Bolatto	NA	Total Power	3
06:49:52	08:03:33	2013.1.00221.S	NGC1068_a_03_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	3
07:04:02	07:58:00	2013.1.00191.S	NGC253_a_03_TP	Blowin'in the Wind: the Properties of the Starburst-driven Wind in NGC 253	Bolatto	NA	Total Power	3
10:14:27	11:08:18	2013.1.00191.S	NGC253_a_03_TP	Blowin'in the Wind: the Properties of the Starburst-driven Wind in NGC 253	Bolatto	NA	Total Power	3
10:49:03	12:00:44	2013.1.00221.S	NGC1068_a_04_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	4
11:08:56	12:02:34	2013.1.00191.S	NGC253_a_03_TP	Blowin'in the Wind: the Properties of the Starburst-driven Wind in NGC 253	Bolatto	NA	Total Power	3

### 2015-08-08

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
00:10:54	01:19:28	2013.1.00305.S	HD_14252_a_06_TE	Build-up of protoplanetary core-accretion in the dust trap of HD142527	Casassus	CL	12-m	6
00:48:42	01:50:22	2013.1.01004.S	VLA1623A_b_06_TP	Revealing the secrets of VLA1623: an Lai in-depth look into the earliest star formation stage		EA	Total Power	6
01:42:18	03:21:41	2012.1.00799.S	HD_169142	Resolving the double gaps in the disk around HD 169142	Honda	EA	12-m	7
01:53:16	02:54:33	2013.1.01004.S	VLA1623A_b_06_TP	Revealing the secrets of VLA1623: an Lai in-depth look into the earliest star formation stage		EA	Total Power	6
02:59:31	04:00:39	2013.1.01004.S	VLA1623A_b_06_TP	Revealing the secrets of VLA1623: an Lai in-depth look into the earliest star formation stage		EA	Total Power	6
03:22:20	05:02:39	2013.1.00601.S	HD_16329_a_06_TE	ALMA measurements of disk turbulence	Isella	NA	12-m	6
04:23:49	05:11:11	2013.1.00191.S	J2253+1608_a_03_TP	Blowin'in the Wind: the Properties of the Starburst-driven Wind in NGC 253	Bolatto	NA	Total Power	3
05:11:55	06:05:36	2013.1.00191.S	NGC253_a_03_TP	Blowin'in the Wind: the Properties of the Starburst-driven Wind in NGC 253	Bolatto	NA	Total Power	3
06:30:41	07:03:57	2013.1.00521.S	MRC_0114_a_06_TE	Isolating the starbursts in the most massive AGN hosts	De Breuck	EU	12-m	6
06:33:18	07:17:46	2013.1.00191.S	NGC253_a_03_TP	Blowin'in the Wind: the Properties of the Starburst-driven Wind in NGC 253	Bolatto	NA	Total Power	3
07:21:33	08:09:54	2013.1.00191.S	NGC253_a_03_TP	Blowin'in the Wind: the Properties of the Starburst-driven Wind in NGC 253	Bolatto	NA	Total Power	3
08:00:29	09:07:45	2013.1.01225.S	NGC_1052_a_07_TE	Accretion matter onto the central engine of the nearby radio galaxy NGC 1052	Kameno	EA	12-m	7

08:40:19	09:23:35	2013.1.01004.S	Ampcal_Uranus_b_06_TP	Revealing the secrets of VLA1623: an in-depth look into the earliest star formation stage		EA	Total Power	6
09:32:47	10:16:00	2013.1.01161.S	NGC1365_b_06_TE	From Bars to CMZs and YMCs	Sakamoto	EA	12-m	6
10:18:02	11:33:16	2012.1.00142.S	beta_pictoris_c32-6	Dust structures in the beta Pictoris disk at high resolution	Dent	EU	12-m	6
12:00:14	13:06:11	2013.1.00426.S	FZ_Tau_a_06_TE	Are faint proto-planetary disks still very dense ?	Boehler	OTHER	12-m	6
15:20:01	16:35:19	2012.1.00142.S	beta_pictoris_c32-6	Dust structures in the beta Pictoris disk at high resolution	Dent	EU	12-m	6
20:28:27	21:52:14	2013.1.00883.S	hd141569_a_03_TE	HD141569: Pristine gas and evolved dust	Pericaud	EU	12-m	3

### 2015-08-09

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
00:00:07	00:51:39	2012.1.00769.S	Serpens__a_06_TP	Serpens South: Outflows impacting the youngest, densest proto-cluster	Plunkett	CL	Total Power	6
00:47:05	02:32:58	2013.1.00601.S	HD_16329_a_06_TE	ALMA measurements of disk turbulence	Isella	NA	12-m	6
00:54:31	01:45:55	2012.1.00769.S	Serpens__a_06_TP	Serpens South: Outflows impacting the youngest, densest proto-cluster	Plunkett	CL	Total Power	6
03:16:05	03:50:29	2013.1.00070.S	AFGL_306_a_03_TE_c	A survey of carbon-rich circumstellar envelopes	Nyman	EU	12-m	3
07:07:51	08:31:52	2013.1.00786.S	ALESS73_a_03_TE	Using [C]to determine the distribution and heating mechanism of H2 in a z=4.8 star-forming disk	De Breuck	EU	12-m	3
09:09:09	10:28:09	2013.1.00786.S	ALESS73_a_03_TE	Using [C]to determine the distribution and heating mechanism of H2 in a z=4.8 star-forming disk	De Breuck	EU	12-m	3
10:09:08	10:56:53	2012.1.00769.S	Uranus_a_06_TP	Serpens South: Outflows impacting the youngest, densest proto-cluster	Plunkett	CL	Total Power	6

### 2015-08-10

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
21:23:12	21:50:28	2013.1.00222.T	GS1354-6_a_03_TE	Broadband transient jet emission from accreting black holes	Stephane	EU	12-m	3
22:15:37	22:42:20	2013.1.00222.T	GS1354-6_a_06_TE	Broadband transient jet emission from accreting black holes	Stephane	EU	12-m	6
23:41:58	00:47:23	2013.1.00305.S	HD_14252_a_07_TE	Build-up of protoplanetary core-accretion in the dust trap of HD142527	Casassus	CL	12-m	7

### 2015-08-11

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
00:31:22	01:30:19	2013.1.00502.S	fried_eg_a_06_TP	Anatomy of a Fried Egg	Lagadec	EU	Total Power	6
00:52:10	02:30:52	2013.1.00663.S	Sz91_a_07_TE	Unveiling the gas and dust structure of the planet forming candidates SZ91 and MYLup	Canovas	CL	12-m	7
01:33:39	02:32:25	2013.1.00502.S	fried_eg_a_06_TP	Anatomy of a Fried Egg	Lagadec	EU	Total Power	6
02:41:13	03:39:52	2013.1.00502.S	fried_eg_a_06_TP	Anatomy of a Fried Egg	Lagadec	EU	Total Power	6
03:02:16	03:35:36	2013.1.01147.S	HD164249_a_06_TE	Planet formation at a critical age: debris disks with gas in the 8 to 20 Myr range	Perez	CL	12-m	6
03:40:38	04:36:36	2012.1.00769.S	Serpens__a_06_TP	Serpens South: Outflows impacting the youngest, densest proto-cluster	Plunkett	CL	Total Power	6
03:50:50	04:26:17	2012.1.01029.S	Eyelash_B7_extended	50-pc resolution mapping of a unique strongly lensed z=2.3 sub-mm galaxy	Danielson	EU	12-m	7
05:02:34	06:21:56	2013.1.00099.S	NGC253_a_07_TP	Dense Gas Thermometry of Starburst Galaxies	Mangum	NA	Total Power	7
05:14:37	05:47:35	2013.1.00032.S	IRAS_224_c_06_TE	AGN feedback and molecular line flux ratios in infrared luminous dusty galaxies	Imanishi	EA	12-m	6
06:00:09	06:57:16	2013.1.01188.S	SHIZELS-_a_07_TE	A resolved view to star-forming H galaxies at z = 1.47-2.23: exploiting the synergy between ALMA and AO-IFU	Ibar	CL	12-m	7
06:22:40	07:19:59	2013.1.00099.S	Uranus_NGC253_a_07_TP	Dense Gas Thermometry of Starburst Galaxies	Mangum	NA	Total Power	7
07:08:40	08:21:07	2013.1.01225.S	NGC_1052_a_07_TE	Accretion matter onto the central engine of the nearby radio galaxy	Kameno	EA	12-m	7

Start Time	End Time	Proposal ID	Instrument	Science Topic	PI	Region	Configuration	Duration
07:20:45	08:10:53	2013.1.00502.S	Uranus_a_06_TP	Anatomy of a Fried Egg	Lagadec	EU	Total Power	6
08:11:38	08:58:54	2012.1.00769.S	Uranus_a_06_TP	Serpens South: Outflows impacting the youngest, densest proto-cluster	Plunkett	CL	Total Power	6
08:36:00	10:03:45	2012.1.00193.S	IRAS_04368+2557_260 GHz_12m_C32-6	Measuring the Mass of the Class 0 Protostar L1527 via Disk Rotation	Tobin	NA	12-m	6
11:29:30	12:04:55	2012.1.00307.S	LESS_344GHz_12m_C32-6	Resolved, direct imaging of the obscured star forming regions in SMGs	Hodge	EU	12-m	7