

**ALMA Observing Activity from 2019-05-20T17:59:00 to 2019-05-27T18:00:00**  
**QA0 pass executions**

**2019-05-27**

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
03:07:08	03:28:20	E2E7.1.00040.S	Titan_1_07_TM1	SGs from E2E6.1.00092.S	Villard	CL	12-m	7

**2019-05-26**

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
10:38:39	11:39:58	2018.1.00101.S	G34.7798_a_03_TP	The initial gas flow towards extremely young high-mass clumps	Feng	EA	Total Power	3
08:12:40	08:49:09	2018.1.00215.S	P1_a_04_7M	The sequential star formation towards the IR bright rim of an HII bubble	Feng	EA	7-m	4
08:01:25	08:52:18	2018.1.01091.S	M17_a_06_TP	Mapping M17: the best galactic laboratory for measuring the role of photoionizing feedback	Reiter	NA	Total Power	6
06:38:44	07:56:28	2018.1.01171.S	NGC_6300_a_03_7M	An ACA Survey of Dense Gas Across the Nearest, Brightest Southern Galaxy Disks	Leroy	NA	7-m	3
06:37:45	07:59:59	2018.1.01091.S	M17_b_06_TP	Mapping M17: the best galactic laboratory for measuring the role of photoionizing feedback	Reiter	NA	Total Power	6
04:44:13	06:03:32	2018.1.01833.S	GL_555_a_06_7M	The disks around low-mass stars in the solar neighborhood	Caceres	CL	7-m	6
04:43:06	06:27:08	2017.1.01355.L	G010.62_a_06_TP	ALMA-IMF: ALMA transforms our view of the origin of stellar masses	Motte	CL EA EU NA	Total Power	6
03:17:54	04:13:48	2018.1.00859.S	Mammoth_a_04_7M	Molecular gas across the CGM of Enormous Ly-alpha Nebulae	Emonts	NA	7-m	4
02:48:29	04:20:38	2017.1.01355.L	G010.62_a_06_TP	ALMA-IMF: ALMA transforms our view of the origin of stellar masses	Motte	CL EA EU NA	Total Power	6
01:47:54	03:17:47	2018.1.00859.S	Mammoth_a_04_7M	Molecular gas across the CGM of Enormous Ly-alpha Nebulae	Emonts	NA	7-m	4
01:36:18	02:48:22	2018.1.00299.S	G341.03_a_03_TP	Infall in the very early stages of high-mass star formation	Contreras	EU	Total Power	3
00:42:59	01:45:04	2018.1.00473.S	J132051._a_06_7M	Mapping CO emission in galaxies from the JINGLE survey	Wilson	NA	7-m	6
00:16:37	01:23:38	2018.1.01851.S	G316.75-_d_03_TP	The impact of O-type stars on gas dynamics: The case of the G316.75 massive-star forming ridge	Watkins	EU	Total Power	3

**2019-05-25**

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
23:09:37	00:16:32	2018.1.01851.S	G316.75-_d_03_TP	The impact of O-type stars on gas dynamics: The case of the G316.75 massive-star forming ridge	Watkins	EU	Total Power	3
23:05:04	00:30:17	2018.1.01003.S	VelaC-CR_a_06_7M	The Role of Magnetic Fields within Dense Molecular Filaments in Vela C	Fissel	NA	7-m	6
15:27:54	16:30:49	2018.1.01651.S	NGC_1433_a_06_TP	Completing a Census of 50pc ISM and Star Formation Properties in Disk Galaxies	Leroy	NA	Total Power	6
14:37:57	16:15:11	2018.1.00525.S	B1-c_a_04_7M	Linking large- and small-scale organic chemistry in Solar-type protostars	Bergner	NA	7-m	4
14:11:09	15:19:47	2018.1.01651.S	NGC_1433_a_06_TP	Completing a Census of 50pc ISM and Star Formation Properties in Disk Galaxies	Leroy	NA	Total Power	6
13:00:29	14:37:48	2018.1.00525.S	B1-c_a_04_7M	Linking large- and small-scale organic chemistry in Solar-type protostars	Bergner	NA	7-m	4
12:57:32	14:10:20	2018.1.01651.S	NGC_1300_a_06_TP	Completing a Census of 50pc ISM and Star Formation Properties in Disk Galaxies	Leroy	NA	Total Power	6
11:20:54	12:48:39	2018.1.01319.S	WingSF_a_06_7M	ACA Survey of Star-forming Molecular Clouds in the SMC	Johnson	NA	7-m	6
09:58:37	11:20:44	2018.1.01319.S	WingSF_a_06_7M	ACA Survey of Star-forming Molecular Clouds in the SMC	Johnson	NA	7-m	6
09:57:02	11:22:33	2018.1.01259.S	BGPS6310_b_06_TP	Probing the Structure and Chemistry of Previously Unexplored Giant Molecular Clouds	Wilkins	NA	Total Power	6

08:03:41	08:54:56	2018.1.01259.S	BGPS3053_b_06_TP	Probing the Structure and Chemistry of Previously Unexplored Giant Molecular Clouds	Wilkins	NA	Total Power	6
07:33:00	08:48:36	2018.1.01259.S	BGPS4449_b_06_7M	Probing the Structure and Chemistry of Previously Unexplored Giant Molecular Clouds	Wilkins	NA	7-m	6
06:30:09	08:03:33	2017.1.01355.L	W51-E_a_06_TP	ALMA-IMF: ALMA transforms our view of the origin of stellar masses	Motte	CL EA EU NA	Total Power	6
06:17:28	07:32:52	2018.1.01259.S	BGPS3474_b_06_7M	Probing the Structure and Chemistry of Previously Unexplored Giant Molecular Clouds	Wilkins	NA	7-m	6
04:57:59	06:17:20	2018.1.01833.S	GL_555_a_06_7M	The disks around low-mass stars in the solar neighborhood	Caceres	CL	7-m	6
04:57:07	06:30:01	2017.1.01355.L	W51-E_a_06_TP	ALMA-IMF: ALMA transforms our view of the origin of stellar masses	Motte	CL EA EU NA	Total Power	6
03:10:38	04:19:47	2017.1.01355.L	G010.62_a_06_TP	ALMA-IMF: ALMA transforms our view of the origin of stellar masses	Motte	CL EA EU NA	Total Power	6
02:43:31	04:13:23	2018.1.00859.S	Mammoth_a_04_7M	Molecular gas across the CGM of Enormous Ly-alpha Nebulae	Emonts	NA	7-m	4
01:59:02	03:06:13	2018.1.01851.S	G316.75-_d_03_TP	The impact of O-type stars on gas dynamics: The case of the G316.75 massive-star forming ridge	Watkins	EU	Total Power	3
01:09:07	02:11:07	2018.1.00473.S	J132051._a_06_7M	Mapping CO emission in galaxies from the JINGLE survey	Wilson	NA	7-m	6
00:51:43	01:58:55	2018.1.01851.S	G316.75-_d_03_TP	The impact of O-type stars on gas dynamics: The case of the G316.75 massive-star forming ridge	Watkins	EU	Total Power	3
<b>2019-05-24</b>								
Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
23:31:34	00:38:47	2018.1.01851.S	G316.75-_d_03_TP	The impact of O-type stars on gas dynamics: The case of the G316.75 massive-star forming ridge	Watkins	EU	Total Power	3
23:10:25	00:56:15	2018.1.01885.S	Musca_a_1_07_7M	Filament formation by low-velocity shocks in the Musca cloud	Bonne	EU	7-m	7
22:30:30	23:10:17	2018.1.00994.S	IRAS_F09_b_08_7M	CI(1-0) and CO(4-3) survey for nearby Michiyama ~40 U/LIRGs- Band8 ACA stand alone observation -		EA	7-m	8
22:24:07	23:31:27	2018.1.01851.S	G316.75-_d_03_TP	The impact of O-type stars on gas dynamics: The case of the G316.75 massive-star forming ridge	Watkins	EU	Total Power	3
11:31:22	13:24:49	2018.1.00294.S	NGC253_a_09_7M	Ionized Gas, Radiation Field, Masses, Bolatto and Dust Temperature in Forming Massive Clusters in the NGC253 Starburst		NA	7-m	9
09:36:33	11:27:42	2018.1.01670.S	SPT2146-_a_08_7M	Building a sample of [NII] 122 and 205Cunningham micron emission lines in high-z dusty star forming galaxies		NA	7-m	8
09:32:51	11:04:54	2018.1.01687.S	Ser-emb8_b_08_TP	Resolving the complete outflow density and kinematics structures by observing [CI] (1-0)	Zhang	EU	Total Power	8
08:22:49	09:30:12	2018.1.01670.S	SPT2103-_a_08_7M	Building a sample of [NII] 122 and 205Cunningham micron emission lines in high-z dusty star forming galaxies		NA	7-m	8
07:35:28	09:32:43	2018.1.01687.S	HH108_a_08_TP	Resolving the complete outflow density and kinematics structures by observing [CI] (1-0)	Zhang	EU	Total Power	8
06:55:06	08:22:43	2018.1.01670.S	SPT2048-_a_08_7M	Building a sample of [NII] 122 and 205Cunningham micron emission lines in high-z dusty star forming galaxies		NA	7-m	8
06:19:33	06:54:58	2018.1.00994.S	IRASF_18_a_08_7M	CI(1-0) and CO(4-3) survey for nearby Michiyama ~40 U/LIRGs- Band8 ACA stand alone observation -		EA	7-m	8
06:09:05	07:35:21	2018.1.01559.S	L204_edg_a_08_TP	Examination of Clumpy PDR models and Initial Conditions of	Tachihara	EA	Total Power	8

05:39:14	06:19:25	2018.1.00994.S	IC_4734_a_08_7M	Molecular Cloud Formation Cl(1-0) and CO(4-3) survey for nearby Michiyama ~40 U/LIRGs- Band8 ACA stand alone observation -	EA	7-m	8	
05:01:33	05:39:06	2018.1.00994.S	IRASF_17_a_08_7M	Cl(1-0) and CO(4-3) survey for nearby Michiyama ~40 U/LIRGs- Band8 ACA stand alone observation -	EA	7-m	8	
04:40:26	06:08:57	2018.1.01559.S	L204_edg_a_08_TP	Examination of Clumpy PDR models and Initial Conditions of Molecular Cloud Formation	Tachihara	EA	Total Power	8
03:27:49	05:01:25	2018.1.00859.S	Mammoth_a_04_7M	Molecular gas across the CGM of Enormous Ly-alpha Nebulae	Emonts	NA	7-m	4
03:10:12	04:36:50	2018.1.01559.S	L204_edg_a_08_TP	Examination of Clumpy PDR models and Initial Conditions of Molecular Cloud Formation	Tachihara	EA	Total Power	8
02:25:06	03:24:59	2018.1.00994.S	CGCG_049_a_08_7M	Cl(1-0) and CO(4-3) survey for nearby Michiyama ~40 U/LIRGs- Band8 ACA stand alone observation -	EA	7-m	8	
01:55:46	03:07:16	2018.1.01851.S	G316.75-_d_03_TP	The impact of O-type stars on gas dynamics: The case of the G316.75 massive-star forming ridge	Watkins	EU	Total Power	3
00:49:54	02:21:24	2018.1.01142.S	SGAS1226_a_07_7M	Exploring the molecular gas and continuum emission in giant gravitational arcs	González López	CL	7-m	7
00:08:16	01:19:36	2018.1.01851.S	G316.75-_d_03_TP	The impact of O-type stars on gas dynamics: The case of the G316.75 massive-star forming ridge	Watkins	EU	Total Power	3

### 2019-05-23

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
22:44:19	23:55:36	2018.1.01851.S	G316.75-_d_03_TP	The impact of O-type stars on gas dynamics: The case of the G316.75 massive-star forming ridge	Watkins	EU	Total Power	3
22:30:24	23:49:19	2018.1.01243.S	Southern_a_03_7M	A detailed map of the variation of density, temperature and photo-dissociated gas across the Carina Nebula	Garay	CL	7-m	3
21:04:21	22:30:17	2018.1.01003.S	VelaC-CR_a_06_7M	The Role of Magnetic Fields within Dense Molecular Filaments in Vela C	Fissel	NA	7-m	6
13:54:26	15:16:35	2018.1.01319.S	WingSF_a_06_7M	ACA Survey of Star-forming Molecular Clouds in the SMC	Johnson	NA	7-m	6
12:38:05	12:58:59	2018.1.01651.S	NGC_1300_a_06_TP	Completing a Census of 50pc ISM and Star Formation Properties in Disk Galaxies	Leroy	NA	Total Power	6
11:53:16	13:46:44	2018.1.01031.S	SNR1E010_a_07_7M	Revealing dust processing in the young supernova remnant 1E\,0102.2-72129 in the SMC	Vogt	EU	7-m	7
11:20:46	11:50:36	2018.1.00101.S	G34.7798_a_03_TP	The initial gas flow towards extremely young high-mass clumps	Feng	EA	Total Power	3
10:23:33	11:45:33	2018.1.01319.S	WingSF_a_06_7M	ACA Survey of Star-forming Molecular Clouds in the SMC	Johnson	NA	7-m	6
09:48:31	11:20:39	2018.1.00850.S	G028.67+_a_03_TP	From filaments to cores: Dynamics in infrared dark clouds	Barnes	EU	Total Power	3
08:59:59	10:23:26	2018.1.00424.S	UCHII_G1_c_03_7M	Understanding the chemical complexity in massive star-forming regions	Gieser	EU	7-m	3
08:14:38	09:46:54	2018.1.00850.S	G028.67+_a_03_TP	From filaments to cores: Dynamics in infrared dark clouds	Barnes	EU	Total Power	3
07:36:05	08:59:54	2018.1.00424.S	UCHII_G1_a_03_7M	Understanding the chemical complexity in massive star-forming regions	Gieser	EU	7-m	3
06:36:49	08:14:32	2017.1.01355.L	W51-E_a_06_TP	ALMA-IMF: ALMA transforms our view of the origin of stellar masses	Motte	CL EA EU NA	Total Power	6
06:12:01	07:35:53	2018.1.01833.S	GL_555_a_06_7M	The disks around low-mass stars in the solar neighborhood	Caceres	CL	7-m	6
01:11:19	02:39:22	E2E7.1.00032.S	BHR86_a_06_TM1	SGs from 2018.1.01402.S/E2E6.1.00076.S	Villard	CL	12-m	6

### 2019-05-22

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
13:10:47	14:21:16	2018.1.01319.S	WingSF_a_06_7M	ACA Survey of Star-forming Molecular Clouds in the SMC	Johnson	NA	7-m	6

11:09:06	13:02:50	2018.1.01031.S	SNR1E010_a_07_7M	Revealing dust processing in the young supernova remnant 1E\,0102.2-72129 in the SMC	Vogt	EU	7-m	7
09:51:58	11:06:23	2018.1.01259.S	BGPS5623_b_06_7M	Probing the Structure and Chemistry of Previously Unexplored Giant Molecular Clouds	Wilkins	NA	7-m	6
08:42:38	09:51:50	2018.1.01259.S	BGPS3474_a_06_7M	Probing the Structure and Chemistry of Previously Unexplored Giant Molecular Clouds	Wilkins	NA	7-m	6
06:59:30	08:08:50	2018.1.01259.S	BGPS3474_a_06_7M	Probing the Structure and Chemistry of Previously Unexplored Giant Molecular Clouds	Wilkins	NA	7-m	6
04:56:38	06:11:59	2018.1.01259.S	BGPS6029_b_06_7M	Probing the Structure and Chemistry of Previously Unexplored Giant Molecular Clouds	Wilkins	NA	7-m	6
03:13:04	04:43:17	2018.1.00859.S	Mammoth_a_04_7M	Molecular gas across the CGM of Enormous Ly-alpha Nebulae	Emonts	NA	7-m	4
01:42:57	03:12:56	2018.1.00859.S	Mammoth_a_04_7M	Molecular gas across the CGM of Enormous Ly-alpha Nebulae	Emonts	NA	7-m	4
01:27:41	02:19:34	2018.1.01851.S	G316.75-_d_03_TP	The impact of O-type stars on gas dynamics: The case of the G316.75 massive-star forming ridge	Watkins	EU	Total Power	3
00:19:44	01:26:49	2018.1.01851.S	G316.75-_d_03_TP	The impact of O-type stars on gas dynamics: The case of the G316.75 massive-star forming ridge	Watkins	EU	Total Power	3

## 2019-05-21

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
23:55:14	01:20:56	2018.1.01003.S	VelaC-CR_a_06_7M	The Role of Magnetic Fields within Dense Molecular Filaments in Vela C	Fissel	NA	7-m	6
21:02:45	22:28:25	2018.1.01003.S	VelaC-CR_a_06_7M	The Role of Magnetic Fields within Dense Molecular Filaments in Vela C	Fissel	NA	7-m	6
19:36:36	21:02:07	2018.1.01003.S	VelaC-CR_a_06_7M	The Role of Magnetic Fields within Dense Molecular Filaments in Vela C	Fissel	NA	7-m	6
15:31:01	16:30:21	2018.1.00934.S	IC348_Pe_a_06_7M	The temperature-multiplicity relation with ALMA	Murillo	EU	7-m	6
13:37:25	15:30:50	2018.1.01031.S	SNR1E010_a_07_7M	Revealing dust processing in the young supernova remnant 1E\,0102.2-72129 in the SMC	Vogt	EU	7-m	7
11:35:18	13:28:54	2018.1.01031.S	SNR1E010_a_07_7M	Revealing dust processing in the young supernova remnant 1E\,0102.2-72129 in the SMC	Vogt	EU	7-m	7
10:23:45	11:33:53	2018.1.01259.S	BGPS6029_b_06_7M	Probing the Structure and Chemistry of Previously Unexplored Giant Molecular Clouds	Wilkins	NA	7-m	6
10:06:10	11:42:29	2017.1.01355.L	W51-E_a_06_TP	ALMA-IMF: ALMA transforms our view of the origin of stellar masses	Motte	CL EA EU NA	Total Power	6
08:22:34	10:23:37	2018.1.01670.S	SPT2048-_a_08_7M	Building a sample of [NII] 122 and 205Cunningham micron emission lines in high-z dusty star forming galaxies		NA	7-m	8
08:09:19	09:34:43	2017.1.01355.L	W51-E_a_06_TP	ALMA-IMF: ALMA transforms our view of the origin of stellar masses	Motte	CL EA EU NA	Total Power	6
06:31:27	08:09:12	2017.1.01355.L	W51-E_a_06_TP	ALMA-IMF: ALMA transforms our view of the origin of stellar masses	Motte	CL EA EU NA	Total Power	6
06:16:14	08:19:10	2018.1.01831.S	Serpens-_a_08_7M	Atomic Carbon - The UV story of heating and cooling in low-mass protostars	Tychoniec	EU	7-m	8
05:02:24	06:31:20	2018.1.01559.S	L204_edg_a_08_TP	Examination of Clumpy PDR models and Initial Conditions of Molecular Cloud Formation	Tachihara	EA	Total Power	8
04:38:21	06:13:26	2018.1.01142.S	PSZ1_031_a_07_7M	Exploring the molecular gas and continuum emission in giant gravitational arcs	González López	CL	7-m	7
03:25:21	04:41:33	2018.1.00299.S	G341.03_a_03_TP	Infall in the very early stages of high-mass star formation	Contreras	EU	Total Power	3

02:53:57	04:23:46	2018.1.00859.S	Mammoth_a_04_7M	Molecular gas across the CGM of Enormous Ly-alpha Nebulae	Emonts	NA	7-m	4
02:11:38	03:23:03	2018.1.01851.S	G316.75-_d_03_TP	The impact of O-type stars on gas dynamics: The case of the G316.75 massive-star forming ridge	Watkins	EU	Total Power	3
00:58:17	02:09:34	2018.1.01851.S	G316.75-_d_03_TP	The impact of O-type stars on gas dynamics: The case of the G316.75 massive-star forming ridge	Watkins	EU	Total Power	3
00:33:14	01:55:00	2018.1.01243.S	Southern_b_03_7M	A detailed map of the variation of density, temperature and photo-dissociated gas across the Carina Nebula	Garay	CL	7-m	3

**2019-05-20**

<b>Start (UT)</b>	<b>End (UT)</b>	<b>Project Code</b>	<b>SchedBlock</b>	<b>Project Title</b>	<b>PI</b>	<b>Executive</b>	<b>Array</b>	<b>Band</b>
22:32:26	23:59:04	2018.1.01003.S	VelaC-CR_a_06_7M	The Role of Magnetic Fields within Dense Molecular Filaments in Vela C	Fissel	NA	7-m	6