

**ALMA Observing Activity from 2017-01-16T17:59:00 to 2017-01-23T18:00:00**  
**QA0 pass executions**

**2017-01-17**

| Start (UT) | End (UT) | Project Code   | SchedBlock        | Project Title   | PI                 | Executive | Array       | Band |
|------------|----------|----------------|-------------------|---|--------------------|-----------|-------------|------|
| 04:08:24   | 05:27:11 | 2016.1.00193.S | GMC104_a_03_TM1   | The substructure of molecular clouds in the LMC   | Wong               | NA        | 12-m        | 3    |
| 05:48:56   | 06:53:25 | 2016.1.00790.S | C138718_a_04_TM1  | Constraining Quenching Processes in Spilker Galaxies Significantly Below the Main Sequence at z~0.7 |                    | NA        | 12-m        | 4    |
| 07:13:25   | 08:21:33 | 2016.1.00831.S | MACJ1149_b_03_TM1 | ALENS: The ALMA lensing survey of sub-M* galaxies at z~1-3  | Dessauges-Zavadsky | EU        | 12-m        | 3    |
| 08:23:39   | 09:17:17 | 2016.1.00831.S | MACJ1149_a_04_TM1 | ALENS: The ALMA lensing survey of sub-M* galaxies at z~1-3  | Dessauges-Zavadsky | EU        | 12-m        | 4    |
| 09:14:45   | 10:51:03 | 2016.1.01107.S | Cl_J1449_a_03_7M  | Hot (gas) physics with ALMA: SZ observation of a z=2 galaxy cluster                                 | Gobat              | EA        | 7-m         | 3    |
| 09:17:40   | 09:53:41 | 2016.1.00948.S | rs0677_a_03_TM1   | Searching for the Emergence of Conformity in Nascent Groups   | Stark              | EA        | 12-m        | 3    |
| 10:16:20   | 11:28:19 | 2016.1.00948.S | rs0768_a_03_TM1   | Searching for the Emergence of Conformity in Nascent Groups   | Stark              | EA        | 12-m        | 3    |
| 12:21:04   | 13:38:48 | 2016.1.00946.S | NGC5980_a_03_TM1  | Utilizing Dense Gas to Solve the Variations of Molecular Gas Depletion Time                         | Utomo              | NA        | 12-m        | 3    |
| 12:47:21   | 14:13:07 | 2016.1.01363.S | CloudG_a_03_7M    | Widespread SiO in IRDCs: Cloud-Cloud Collision Formation of Molecular Cloud Filaments?              | Jimenez-Serra      | EU        | 7-m         | 3    |
| 12:50:08   | 14:07:59 | 2016.1.01146.S | G14.114-_a_03_TP  | Assessing Stability of Filamentary Accretion Flows around the Protocluster G14.114-0.574            | Chen               | EA        | Total Power | 3    |
| 14:15:39   | 15:33:38 | 2016.1.00984.S | G4029_a_03_TM1    | Infall Toward Massive Starless Clump Candidates   | Shirley            | NA        | 12-m        | 3    |
| 14:33:27   | 15:59:04 | 2016.1.01363.S | CloudG_a_03_7M    | Widespread SiO in IRDCs: Cloud-Cloud Collision Formation of Molecular Cloud Filaments?              | Jimenez-Serra      | EU        | 7-m         | 3    |
| 14:50:16   | 16:07:44 | 2016.1.01146.S | G14.114-_a_03_TP  | Assessing Stability of Filamentary Accretion Flows around the Protocluster G14.114-0.574            | Chen               | EA        | Total Power | 3    |
| 16:47:08   | 18:03:44 | 2016.1.01146.S | G14.114-_a_03_TP  | Assessing Stability of Filamentary Accretion Flows around the Protocluster G14.114-0.574            | Chen               | EA        | Total Power | 3    |

**2017-01-19**

| Start (UT) | End (UT) | Project Code   | SchedBlock      | Project Title                             | PI         | Executive | Array | Band |
|------------|----------|----------------|-----------------|---|------------|-----------|-------|------|
| 15:17:57   | 15:50:07 | 2016.1.00433.S | W28-N3_b_03_TM2 | Deuterium depletion in a molecular cloud? | Ceccarelli | EU        | 12-m  | 3    |

**2017-01-20**

| Start (UT) | End (UT) | Project Code   | SchedBlock     | Project Title  | PI      | Executive | Array | Band |
|------------|----------|----------------|----------------|--|---------|-----------|-------|------|
| 21:05:59   | 21:21:19 | 2016.1.01489.T | Venus_c_06_TM1 | Study of a bow-type structure of Venus atmosphere discovered by the Venus Climate Orbiter, AKATSKI | Maezawa | EA        | 12-m  | 6    |
| 21:25:26   | 21:41:05 | 2016.1.01489.T | Venus_c_06_TM1 | Study of a bow-type structure of Venus atmosphere discovered by the Venus Climate Orbiter, AKATSKI | Maezawa | EA        | 12-m  | 6    |

**2017-01-21**

| Start (UT) | End (UT) | Project Code   | SchedBlock        | Project Title  | PI     | Executive | Array       | Band |
|------------|----------|----------------|-------------------|--|--------|-----------|-------------|------|
| 02:00:37   | 02:23:24 | 2016.1.00672.S | SPT0520-_a_03_TM1 | Completing the SPT+ALMA Redshift Survey  | Vieira | NA        | 12-m        | 3    |
| 02:23:54   | 03:43:13 | 2016.1.00193.S | GMC104_a_03_TM1   | The substructure of molecular clouds in the LMC  | Wong   | NA        | 12-m        | 3    |
| 03:43:35   | 04:08:23 | 2016.1.00672.S | SPT0520-_c_03_TM1 | Completing the SPT+ALMA Redshift Survey  | Vieira | NA        | 12-m        | 3    |
| 04:18:56   | 05:53:17 | 2016.1.01103.S | C1-36_a_06_TM1    | The core mass function in a far-outer Galaxy cloud   | Brand  | EU        | 12-m        | 6    |
| 04:28:42   | 05:16:29 | 2015.1.01134.S | RCW38_b_06_TP     | The youngest massive cluster RCW38 formed via cloud-cloud collision: Revealing the core mass function in the region of O stars in the making | Fukui  | EA        | Total Power | 6    |
| 04:29:38   | 05:12:48 | 2016.1.00794.S | CW_Leo_b_06_7M    | Millimeter line variability in CW Leo with ALMA Compact Array.   | He     | CL        | 7-m         | 6    |
| 05:13:04   | 06:09:44 | 2016.1.00965.S | ngc_3256_b_06_7M  | Chemical Diagnostics of  | Harada | EA        | 7-m         | 6    |

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|----------|----------|----------------|-------------------|--|--------------------|-------|-------------|---|
| 05:16:43 | 06:04:12 | 2015.1.01134.S | RCW38_b_06_TP     | Extragalactic ISM: The Case of A Starburst-Dominant Merger<br>The youngest massive cluster RCW38 formed via cloud-cloud collision: Revealing the core mass function in the region of O stars in the making | Fukui              | EA    | Total Power | 6 |
| 05:53:44 | 06:20:36 | 2016.1.00932.S | 359140_a_04_TM1   | COLDz: Gas Excitation in "Typical" CO(J=1-0)-Selected Galaxies at z=2-3  | Riechers           | NA    | 12-m        | 4 |
| 06:21:04 | 07:10:09 | 2016.1.01043.S | MACSJ120_a_03_TM1 | Determining the Physical State of Two Massive, Dynamically Ambiguous Galaxy Clusters   | Mason              | NA    | 12-m        | 3 |
| 06:39:35 | 08:14:40 | 2016.1.00164.S | M83_b_06_7M       | Chemical Diagnostics of Extragalactic ISM: Shock-Induced Evolution in M83 Nucleus  | Harada             | EA    | 7-m         | 6 |
| 07:24:02 | 08:17:34 | 2016.1.00101.S | Pillar_2_a_06_TP  | Pillars of Destruction: Probing Cloud Destruction and Triggered Star Formation in the Pillars of Carina  | Klaassen           | EU    | Total Power | 6 |
| 08:05:28 | 08:54:34 | 2016.1.00831.S | A1689-17_a_04_TM1 | ALENS: The ALMA lensing survey of sub-M* galaxies at z~1-3   | Dessauges-Zavadsky | EU    | 12-m        | 4 |
| 08:54:50 | 09:43:39 | 2016.1.01043.S | MACSJ120_a_03_TM1 | Determining the Physical State of Two Massive, Dynamically Ambiguous Galaxy Clusters   | Mason              | NA    | 12-m        | 3 |
| 09:04:09 | 10:45:23 | 2016.A.00013.S | Proxima__a_06_7M  | SEARCHING FOR A KUIPER BELT ANALOG IN PROXIMA CENTAURI WITH ALMA   | Anglada            | EU    | 7-m         | 6 |
| 10:03:43 | 10:56:09 | 2016.1.00935.S | G14-1_a_04_TM1    | How much dense gas is in turbulent disks, and how does that relate to clump properties?  | Fisher             | OTHER | 12-m        | 4 |
| 11:32:43 | 12:51:33 | 2016.1.00147.S | gc_5_a_04_TM1     | Is the Molecular Inflow in the Galactic Center Transient?  | Hsieh              | EA    | 12-m        | 4 |
| 11:34:07 | 13:09:49 | 2016.1.01107.S | Cl_J1449_a_03_7M  | Hot (gas) physics with ALMA: SZ observation of a z=2 galaxy cluster  | Gobat              | EA    | 7-m         | 3 |
| 13:09:25 | 14:25:08 | 2016.1.01125.S | FilC_a_03_TM1     | Cluster formation within filamentary molecular clouds  | Contreras          | EU    | 12-m        | 3 |
| 13:30:32 | 15:19:57 | 2016.1.00753.S | G331.639_a_03_7M  | Explaining the puzzling SiO emission toward G331.639+00.501: a high-mass starless cluster-forming clump  | Contreras          | EU    | 7-m         | 3 |
| 14:55:08 | 16:02:31 | 2016.1.01363.S | CloudG_a_03_TM1   | Widespread SiO in IRDCs: Cloud-Cloud Collision Formation of Molecular Cloud Filaments?   | Jimenez-Serra      | EU    | 12-m        | 3 |