

**ALMA Observing Activity from 2023-12-11T17:59:00 to 2023-12-18T18:00:00**  
**QA0 pass executions**

**2023-12-18**

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
12:08:04	13:16:16	2023.1.01532.S	P183+05_a_05_TM1	Establishing HF as a robust molecular outflow tracer for high redshift galaxies	Butler	EU	12-m	5
11:00:24	12:08:00	2023.1.01532.S	P183+05_a_05_TM1	Establishing HF as a robust molecular outflow tracer for high redshift galaxies	Butler	EU	12-m	5
09:37:08	10:44:57	2023.1.01532.S	P183+05_a_05_TM1	Establishing HF as a robust molecular outflow tracer for high redshift galaxies	Butler	EU	12-m	5
06:59:17	08:12:49	2023.1.00652.S	COS85007_a_03_TM1	Unveiling the Mpc-scale structure of a maturing protocluster at z=3.61	Sillassen	EU	12-m	3
05:51:19	06:59:12	2023.1.01182.S	NGC1808_a_06_TM1	Unveiling the physics controlling cloud and star formation in extragalactic Central Molecular Zones (eCMZs)	Schinnerer	EU	12-m	6

**2023-12-17**

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
19:48:19	20:54:12	2023.1.01326.S	AGEL2158_a_04_TM1	A 500 pc view of a lensed star-forming galaxy at z~2: investigating giant molecular clouds and feedback in action	Herrera-Camus	CL	12-m	4
18:40:05	19:46:34	2023.1.01326.S	AGEL2158_a_04_TM1	A 500 pc view of a lensed star-forming galaxy at z~2: investigating giant molecular clouds and feedback in action	Herrera-Camus	CL	12-m	4
12:53:00	14:16:53	2023.1.01182.S	NGC4254_a_06_TM1	Unveiling the physics controlling cloud and star formation in extragalactic Central Molecular Zones (eCMZs)	Schinnerer	EU	12-m	6
11:25:13	12:18:14	2023.1.01182.S	NGC4536_a_06_TM1	Unveiling the physics controlling cloud and star formation in extragalactic Central Molecular Zones (eCMZs)	Schinnerer	EU	12-m	6
09:52:54	11:16:50	2023.1.01182.S	NGC4254_a_06_TM1	Unveiling the physics controlling cloud and star formation in extragalactic Central Molecular Zones (eCMZs)	Schinnerer	EU	12-m	6
06:58:42	07:41:52	2023.1.01182.S	NGC1808_a_06_TM1	Unveiling the physics controlling cloud and star formation in extragalactic Central Molecular Zones (eCMZs)	Schinnerer	EU	12-m	6
00:28:14	01:09:38	2023.1.01347.S	MG0414+0_a_04_TM2	50 pc resolution imaging of jet-ISM interaction in young AGN	Kurahara	EA	12-m	4

**2023-12-16**

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
16:54:38	17:58:46	2023.1.01090.S	FRB20210_a_03_TM1	A complete CO survey of all known fast radio burst host galaxies at z < 0.15	Hatsukade	EA	12-m	3
09:05:55	10:23:14	2022.1.01644.S	MOSDEF_3_a_03_TM1	Molecular gas distribution and dynamics in main-sequence galaxies at the peak epoch of the cosmic star formation	Ibar	CL	12-m	3
08:08:18	09:05:51	2023.1.00196.S	I_Car_a_06_TM1	The circumstellar envelopes of Cepheids and their impact on the PL relation at the JWST and ELT era	Kaminski	EU	12-m	6
05:03:16	05:44:43	2023.1.01347.S	MG0414+0_a_04_TM2	50 pc resolution imaging of jet-ISM interaction in young AGN	Kurahara	EA	12-m	4

**2023-12-15**

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
15:01:36	16:27:42	2023.1.00442.S	J23120_a_06_TM1	Are there dynamically cold disks at z > 5?	Rizzo	EU	12-m	6
13:22:15	14:53:06	2023.1.00525.S	IM_Lup_a_07_TM1	Direct measurement of planet-forming gas mass using line pressure broadening	Yoshida	EA	12-m	7
11:43:22	13:07:35	2023.1.01182.S	NGC4254_a_06_TM1	Unveiling the physics controlling cloud and star formation in extragalactic Central Molecular Zones (eCMZs)	Schinnerer	EU	12-m	6

08:57:16	10:25:24	2023.1.00259.S	DYNAMO_G_c_07_TM1	Clumps of Molecular Gas in the Turbulent, Gas-Rich DYNAMO Galaxies	Lenkic	NA	12-m	7
06:43:08	07:51:03	2023.1.01182.S	NGC1808_a_06_TM1	Unveiling the physics controlling cloud and star formation in extragalactic Central Molecular Zones (eCMZs)	Schinnerer	EU	12-m	6
02:05:38	03:35:26	2023.1.00592.S	Per-emb_a_06_TM1	Characterizing the sulfur family in low-mass protostars	van Gelder	EU	12-m	6

### 2023-12-14

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
09:18:54	10:35:56	2022.1.01644.S	MOSDEF_3_a_03_TM1	Molecular gas distribution and dynamics in main-sequence galaxies at the peak epoch of the cosmic star formation	Ibar	CL	12-m	3

### 2023-12-12

Start (UT)	End (UT)	Project Code	SchedBlock	Project Title	PI	Executive	Array	Band
06:39:37	07:54:53	2023.1.00963.S	ID50_a_03_7M	An ALMA-MUSE survey of z~3 quasars: deciphering their multiphase gas reservoirs and small-scale environment	Arrigoni Battaia	EU	7-m	3
05:42:40	06:56:27	2023.1.00299.S	PJ0846_a_03_TM2	Resolved Multi-J CO/[CI] study of a strongly lensed, Planck-selected z = 2.66 dusty protocluster of at least 9 DSFGs	Foo	NA	12-m	3
05:12:17	06:39:02	2023.1.01558.S	WB89_793_b_03_7M	Measuring 12C/13C with C18O and 13C18O in the Galactic outer disk	Tanaka	EA	7-m	3
04:41:28	05:41:42	2023.1.01229.S	JCMT0402_a_03_TM1	First star-forming galaxy as plausible electro-magnetic counterpart of Neutrino events	Huang	EA	12-m	3
04:04:45	05:12:12	2023.1.01558.S	WB89_789_a_03_7M	Measuring 12C/13C with C18O and 13C18O in the Galactic outer disk	Tanaka	EA	7-m	3
03:43:03	03:59:21	2023.1.00305.T	Supernov_a_03_TM1	First Light of Nearby Supernovae: Disclosing the Massive Stars' Final Activities	Maeda	EA	12-m	3
01:10:41	02:16:23	2023.1.01253.S	A2744-20_a_04_TM2	A sharp view of the giant molecular clouds in a remarkable redshift 2.58 spiral galaxy	Dessauges-Zavadsky	EU	12-m	4
00:50:32	02:17:55	2023.1.00963.S	ID11_a_03_7M	An ALMA-MUSE survey of z~3 quasars: deciphering their multiphase gas reservoirs and small-scale environment	Arrigoni Battaia	EU	7-m	3