

aLog Notes: these are a few aLogs from before and since the glitches started that I thought might be related

Date	Note	Link
Apr 4	SQZ commisioni	https://alog.ligo-wa.caltech.edu/aLOG/index.php?callRep=76963
Apr 5	Thurs eve summ	https://alog.ligo-wa.caltech.edu/aLOG/index.php?callRep=76974
Apr 6	Eve shift end [2]	https://alog.ligo-wa.caltech.edu/aLOG/index.php?callRep=77000
Apr 7	Summary, locklos	https://alog.ligo-wa.caltech.edu/aLOG/index.php?callRep=77008
	lockloss [4]	https://alog.ligo-wa.caltech.edu/aLOG/index.php?callRep=77013
	Summary [5]	https://alog.ligo-wa.caltech.edu/aLOG/index.php?callRep=77015
Apr 8	Eve shift end [6]	https://alog.ligo-wa.caltech.edu/aLOG/index.php?callRep=77018
	Shift start [7]	https://alog.ligo-wa.caltech.edu/aLOG/index.php?callRep=77020
	SQZ/SCRL tunin	https://alog.ligo-wa.caltech.edu/aLOG/index.php?callRep=77023
	detuning	https://alog.ligo-wa.caltech.edu/aLOG/index.php?callRep=77029
	tuning A2L gains	https://alog.ligo-wa.caltech.edu/aLOG/index.php?callRep=77030
	tuning CAM2 yav	https://alog.ligo-wa.caltech.edu/aLOG/index.php?callRep=77033
Apr 30	SQZ work [9]	https://alog.ligo-wa.caltech.edu/aLOG/index.php?callRep=77507
		https://alog.ligo-wa.caltech.edu/aLOG/index.php?callRep=77508
May 6	SQZ work [10]	https://alog.ligo-wa.caltech.edu/aLOG/index.php?callRep=77647
May 24	my aLog about th	https://alog.ligo-wa.caltech.edu/aLOG/index.php?callRep=78032
May 28	glitches mitigated	https://alog.ligo-wa.caltech.edu/aLOG/index.php?callRep=78076
	May 22 SQZ con	https://alog.ligo-wa.caltech.edu/aLOG/index.php?callRep=77980
	May 24 SQZ con	https://alog.ligo-wa.caltech.edu/aLOG/index.php?callRep=78033
May 29	return of glitches	https://alog.ligo-wa.caltech.edu/aLOG/index.php?callRep=78109
	May 28 20:52 SC	https://alog.ligo-wa.caltech.edu/aLOG/index.php?callRep=78101
		https://alog.ligo-wa.caltech.edu/aLOG/index.php?callRep=78108
	May 29 01:13 SC	https://alog.ligo-wa.caltech.edu/aLOG/index.php?callRep=78106

[1] "SQZing looked a little worse at high freq after the relock"

[2] "squeezer lost lock", "Squeezer relocked itself and we went back into Observing"

[3] 2:47

"adjust ALSY and move the beamsplitter for MICH/PRMI/DRMI"

[4] 17:52

unknown reasons for lockless

[5] mentioned network had been down all day. not sure if it's possible for that to be related, but I put it in there

[6] 7:00

the person points out some warnings/things to note showing up on different devices, but doesn't indicate they changed anything

[7] 15:00

everything seems to be normal. if I check "locked" instead of "observing", the glitches start at 16:00

[8] looks like tuning started around 16:00, which corresponds to the time of the glitches. They mention tuning "SQZ angle to 2kHz" which could be related to the 4kHz glitches (harmonic)

[9] glitches mitigated for a couple days after

[10] glitches returned for first time since April 30

[11] detailing everything I found here about the glitches and linking this spreadsheet

[12] the DQ shifter from the week after mine responded to my aLog and indicated the glitches were mitigated after some squeezer commissioning was done on May 24th