MOBY-NET STABILITY SYSTEM LOG

CRUISE NIST-2016-01 LOCATION RSL
DATE GMT 2/17/16 LAT, LONG
TIME GMT TEMP, RH 23.5°C, 22%RH
INVESTIGATORS Johnson PURPOSE feedback DEPLOYMENT#

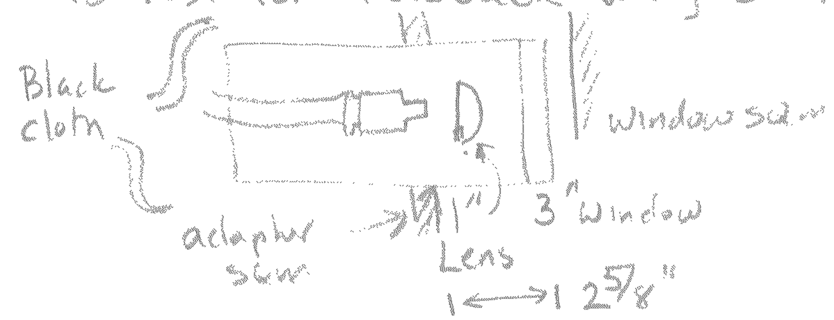
INSTRUMENT S/N test CFG#
COLLECTORS ARMS or HEADS
SEQUENCE POSITION
DAQ PROGRAM
COMPUTER UMiami SYSTEM:PATH

SOURCE **SQM** S/N **103** CFG#
120V ac ON 16:00:30 FILENAME SQM_20160217_
OFF to STANDBY 16:10:25 LEVELS USED 1 (HI)
STANDBY TO OFF 16:29:05 TIMESTEP 10 sec
120V ac OFF 17:52:00 INITIAL STATE off
COMPUTER #12 SYSTEM:PATH rsl proj

COMMENTS

SETUP SKETCH / REMARKS

made mockup of CAS Lu Foreoptic to test for feedback using 3" Thorlabs



Lens - AR coated MellesGriot 06LAI009

IS THE SQM ABOUT TO BE SERVICED? (Y or N) N
WAS THE SQM JUST SERVICED? IF Y SPECIFY DATE,TIME NaN
PROCESSED DATE: By:

Inst Filename	GMT Time	LEVEL			DUT	R	W	B	Remarks
20160217_001		0			mock up	.0023	.0033	.044	mock up in, cloth over, room lites on
	16:16:11	0			"	.0021	.0033	.044	room lites off
	16:19.10	4			"				switch to HI ramp start
	16:23:43	4			"	1.647	1.791	1.690	BA Lamps @ current 1A already burned
						[illegible]	0.09%	0.09%	using last 10 pts.
	16:29:05	ramp down							Standby to off, Bank 4 lites [illegible]
									Ok, does not saturate w/ feedback
									from reflections of optics —
	17:52								temperatures still 70 above ambient
									→ heats up fast, cools down slow

Additional Information can be added to help the Operator, e.g. allowable choices, headers for blank columns in the instrument rows, etc.

Wait till beam code = 10 B's turning to AC
or better, until temps back @ ambient