

MOBY-NET STABILITY SYSTEM LOG

CRUISE 2017-02	LOCATION RSL
DATE GMT 9/25/17	LAT, LONG
TIME GMT 17:00	TEMP, RH 22.8°, 51.4%
INVESTIGATORS BCS	PURPOSE <i>stability test</i>
INSTRUMENT MobyCon	SIN
COLLECTORS Lu	ARMS or HEADS w/ VXE
SEQUENCE POSITION	
DAQ PROGRAM Woodwind	
COMPUTER Eos13	SYSTEM:PATH vs1-proi
SOURCE SQM	SIN 103
120V ac ON 16:20	FILENAME
OFF to STANDBY 16:43:15	LEVELS USED
STANDBY TO OFF 20:51:22	TIMESTEP
120V ac OFF 20:15:3	INITIAL STATE
COMPUTER SYSTEM:PATH	C:\data
COMMENTS	
File SQM-20170925-001.txt	

SETUP SKETCH / REMARKS

w/ VXE
 plus hat to see what is going on with NIR cam
 normal $x_c, y_c = (213.38, 0); (0, 40.2)$
 si $(198, 110); (0, 35.76)$

added SEI - vol. 3rd it will fit -
 SEI is spectral evolution 4500 / 8003 350-2500nm

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

Inst Filename	GMT Time	LEVEL		DUT	Remarks
V170925A	17:04	04		White Fib	Correct from 'wars' initial runs
					Realigned Lu. new V.L = 37.48 $\Delta y = 1.7$ mm
	17:53:33	LD		WF	STB \rightarrow LD, take WF 10 min 18:00-18:10
					lens cup tradeyomd.
V170925A	18:06:30			WF	0.380-R 0.360-W 0.274-B
					Ambient 3" disc
V170925A	18:22	LO		VXR	signal R-0.200, W-0.195, B-0.180
					signal 1 du b
183219, 3312, 3404		LO		Lens Cap 5D	q 100 None
183732, 3825, 3917		LO		CA5	Ambient
184102, 4155		LO		open	Signal
1-12	18:40	LO		Lens Cap	SEI 100, 50, 30 2" FOV FA=20

Main path: rsl_proj\my documents\RSL Data (Source - Instrument)\Source Data\SQMData\yyy-mm-dd\SQM_YYMMDD_XXX.txt

room 116
 98
 Room 116 on

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INSTRUMENT	S/N
COLLECTORS	ARMS or HEADS
SEQUENCE POSITION	CFG#
DAQ PROGRAM	SYSTEM:PATH
COMPUTER	SYSTEM:PATH
SOURCE	SQM
120V ac ON	S/N 103
OFF to STANDBY	FILENAME
STANDBY TO OFF	LEVELS USED
120V ac OFF	TIMESTEP
COMPUTER	INITIAL STATE
COMMENTS	

SETUP SKETCH / REMARKS
<p>start start SEI - at 18:43:43, 18:55:45 LO, MED SEI at 20:10:09 to 20:19:15 HI</p>
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Inst Filename	GMT Time	LEVEL	DUT	Remarks
13-24		LO	SEI	Signal Amb.
25-35		LO	WF	R = 0.391, W = 0.361, B = 0.734 LO → MED
36-46	18:57	MED	SEI	Lens Cup 50, 50, 30 Ambient
47-57				Signal Ambient
58-68				Signal Back on 9
191216, 1309, 1401			Ln Cas	Back on 9
191542, 1634			Disc	Ambient
192037, 2130			open	R = 1.331, W = 1.460, B = 1.419
V1709258			YXR	R = 1.331, W = 1.443, B = 1.409 (Back on 9)

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COMPUTER	SYSTEM:PATH
SOURCE	SQM
120V ac ON	S/N
OFF to STANDBY	103
STANDBY TO OFF	FILENAME
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SETUP SKETCH / REMARKS

51309 SQM aperture - wrong in VR2 files

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Inst Filename	GMT Time	LEVEL		DUT				Remarks
V170925B	13:32:44	MED		VR2				Signal (forgot Ambers)
V170925C		HI	hans cap	VR2				Background
			↓					Ambient
			open					Signal R=1.509, W=1.640, B=1.557
195830, 59123, 200015		HI	cap	5D	Ln	Cap	1	Ln Cap hanc Cap Background
20 0350, 0443, 0535			diol					Ambient
200739, 0832, 0925			open					Signal
69-79			cap					SEI background
90-89			diol					Ambient
90-100								Signal

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SOURCE	SQM
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OFF to STANDBY	103
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	INITIAL STATE
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Inst Filename	GMT Time	LEVEL	DUT	Remarks
202200	20:18	HI	Ln Cas	room lights on, beam off
202324, 2417, 2510				Leads Cas B4
202905, 2958	20:31			Signal on B4
203523, 3616, 3709				Temperature taken (1 Prep) to front of SQM
204052, 4144, 4237				Remove v/humpol
804524, 4616, 4709				Signal $X_{pt} = 214.38 (+10 \text{ mm})$
	20:47			$Y_2 = 51.92 (+10 \text{ mm})$
				Signal back v/cr
				HI → ST B4

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