# MOBY-NET STABILITY SYSTEM LOG

| | | | |
|---|---|---|---|
| CRUISE | | LOCATION | |
| DATE GMT | 12/15/16 | LAT, LONG | |
| TIME GMT | 14:53 | TEMP, RH | 24.54 °C 10.5 %RH |
| INVESTIGATORS | BCS | PURPOSE | DEPLOYMENT# |
| INSTRUMENT | MOBY CAS | S/N | CFG# |
| COLLECTORS | | ARMS or HEADS | Lu TL head |
| SEQUENCE POSITION | | | |
| DAQ PROGRAM | | | on RSL Beach |
| COMPUTER | #12 | SYSTEM:PATH | |
| SOURCE | SQM | S/N 103 | CFG# |
| 120V ac ON | 14:57 | SQM FILENAME | 20161216_001 |
| OFF to STANDBY | 15:00:05 | LEVELS USED | |
| STANDBY TO OFF | 21:04 | TIMESTEP | |
| 120V ac OFF | 21:06 | INITIAL STATE | |
| COMPUTER | #13 | SYSTEM:PATH | |

COMMENTS LO never stabilized @ 0.1% in 30 min on blue wind. MED - jump around 0.1% in blue PD

SETUP SKETCH / REMARKS

verified EOS 12, 13 clocks are ok.
change to "24 pts" from "60 pts" in Logging
while turns "green" had 0.08% @ 24 samples.
LO: wait 30 min or whenever mon pd's are "green"
red went "green" @ 21 min, but bandwidth ~0.1% then turned yellow
→ red - 0.3% is mon pd; blue - 0.5-0.8%
MED
HI all green 21:53
you can see when I put the lens cap on the CAS in the mon PD signal.
1A lamps take ~1 min to turn on
3A " " take longer, 2 min(?)

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

| CAS_161215_ Inst Filename | GMT Time | LEVEL | conf. | τ | DUT | # Scans | # acc | Fil | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 194951 | 194930 | - | | | CAS Lu | 9 | 100 | No | off to LO, CAS Lens Cap Background |
| 195105 → 202405 | | LO | | | | | | | |
| 202521 | 20:24 | | | | | | | | disc in/out 20:24-20:25 Ambient |
| 202628, 2721, | 2813 | LO | | | | | | | 3x signal (open) |
| | 20:28 | | | | | | | ✓ | LO → MED |
| 203037 | | MED | | | | | | 1 | Background |
| 203205 → 204105 | | | | | | | | | monitor warmup every 1 min |
| | | 20:38 | | | | | | | all 3 mon PD green w/ 24 samples (4 min) but don't stay |
| 204222 | | 2042 | | | | | | | Ambient Disc in/out 20:42-20:43 |
| 204331, 4424, | 4517 | MED | | | | | | | Signal 3x 0 delay |
| 204[illegible] | | | | | | | | | Lens Cap Background |

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

20:46

204805 → 205505
205617
205727, 5820, 5912

MED → HI
Signal during warmup.
Ambient
Signal 3x 0 delay
HI → STBY 2059