

CSAT parameters

The following dump of CSAT sonic parameters is from /var/log/ifs/manitou_BEACHON_SRM_csat3.log on the data system. It was generated on Jul 17 when the data acquisition process was last started. These serial numbers agree with Chris' sensor height blog entry.

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{{
#####
csat3: manitou:/dev/ttyS1 SN1124 3.0f
time: 2009 07 17 19:42:24
ET= 20 ts=i XD=d GN=212a TK=1 UP=5 FK=0 RN=1 IT=1 DR=102 rx=2 fx=038 BX=0 AH=1 AT=0 RS=1 BR=0 RI=1 GO=00000 HA=0 6X=3 3X=2 PD=2
SD=0 ?d tf=02600 02600 02600
WM=o ar=0 ZZ=0 DC=4 ELo=016 016 016 ELb=016 016 016 TNo=bea d TNb=ad9 JD= 007
C0o=-2-2-2 C0b=-2-2-2 RC=0 tlo=8 8 8 tlb=8 8 8 CA=1 TD= duty=050 AQ= 20 AC=1 CD=0 SR=1 UX=0 MX=0 DTU=02320 ss=1 XP=2 RF=018 DS=007
SN1124 31jul08 JC=3 CB=3 MD=5 DF=05000 RNA=1 sa=1 rev 3.0f cs=17145 &=0 os=
#####
csat3: manitou:/dev/ttyS6 SN1120 3.0f
time: 2009 07 17 19:42:27
ET= 20 ts=i XD=d GN=312a TK=1 UP=5 FK=0 RN=1 IT=1 DR=102 rx=2 fx=038 BX=0 AH=1 AT=0 RS=1 BR=0 RI=1 GO=00000 HA=0 6X=3 3X=2 PD=2
SD=0 ?d tf=02600 02600 02600
WM=o ar=1 ZZ=0 DC=4 ELo=016 016 016 ELb=016 016 016 TNo=bdc d TNb=bcc JD= 007
C0o=-2-2-2 C0b=-2-2-2 RC=0 tlo=8 8 8 tlb=8 8 8 CA=1 TD= duty=046 AQ= 20 AC=1 CD=0 SR=1 UX=0 MX=0 DTU=02320 ss=1 XP=2 RF=018 DS=007
SN1120 05jun08 JC=3 CB=3 MD=5 DF=05000 RNA=1 sa=1 rev 3.0f cs=38395 &=0 os=
#####
csat3: manitou:/dev/ttyS10 SN0673 3.0f
time: 2009 07 17 19:42:31
ET= 20 ts=i XD=d GN=445a TK=1 UP=5 FK=0 RN=1 IT=1 DR=102 rx=2 fx=038 BX=0 AH=1 AT=0 RS=1 BR=0 RI=1 GO=00000 HA=0 6X=3 3X=2 PD=2
SD=0 ?d tf=02600 02600 02600
WM=o ar=0 ZZ=0 DC=4 ELo=015 016 016 ELb=015 016 015 TNo=cda d TNb=ecc JD= 007
C0o=-2-2-2 C0b=-2-2-2 RC=0 tlo=7 8 8 tlb=7 8 7 CA=1 TD= duty=050 AQ= 20 AC=1 CD=0 SR=1 UX=0 MX=0 DTU=02320 ss=1 XP=2 RF=018 DS=007
SN0673 13nov07 JC=3 CB=3 MD=5 DF=05000 RNA=1 sa=1 rev 3.0f cs=59504 &=0 os=
#####
csat3: manitou:/dev/ttyS15 SN0672 3.0f
time: 2009 07 17 19:42:35
ET= 20 ts=i XD=d GN=535a TK=1 UP=5 FK=0 RN=1 IT=1 DR=102 rx=2 fx=038 BX=0 AH=1 AT=0 RS=1 BR=0 RI=1 GO=00000 HA=0 6X=3 3X=2 PD=2
SD=0 ?d tf=02600 02600 02600
WM=o ar=0 ZZ=0 DC=4 ELo=015 016 015 ELb=015 016 015 TNo=8bb d TNb=abb JD= 007
C0o=-2-2-2 C0b=-2-2-2 RC=0 tlo=7 8 7 tlb=7 8 7 CA=1 TD= duty=049 AQ= 20 AC=1 CD=0 SR=1 UX=0 MX=0 DTU=02320 ss=1 XP=2 RF=018 DS=007
SN0672 14nov07 JC=3 CB=3 MD=5 DF=05000 RNA=1 sa=1 rev 3.0f cs=62873 &=0 os=
#####
csat3: manitou:/dev/ttyS16 SN0677 3.0f
time: 2009 07 17 19:42:39
ET= 20 ts=i XD=d GN=443a TK=1 UP=5 FK=0 RN=1 IT=1 DR=102 rx=2 fx=038 BX=0 AH=1 AT=0 RS=1 BR=0 RI=1 GO=00000 HA=0 6X=3 3X=2 PD=2
SD=0 ?d tf=02600 02600 02600
WM=o ar=0 ZZ=0 DC=4 ELo=016 016 016 ELb=016 016 016 TNo=99b d TNb=a9a JD= 007
C0o=-2-2-2 C0b=-2-2-2 RC=0 tlo=8 8 8 tlb=8 8 8 CA=1 TD= duty=050 AQ= 20 AC=1 CD=0 SR=1 UX=0 MX=0 DTU=02320 ss=1 XP=2 RF=018 DS=007
SN0677 30oct07 JC=3 CB=3 MD=5 DF=05000 RNA=1 sa=1 rev 3.0f cs=06092 &=0 os=
#####
}}
```