

Satlantic MBARI ISUS

1. Device initialization performed by instrument service

Sets to TRIGGERED mode. Sets sampling duration. Sets frame format to FULL ASCII. Turns off status messages.

2. Device metadata returned in SIAM datastream

show

Configuration parameters:

```
Instrument type:    ISUS
Serial No.:        90
Baudrate:          38400
Deployment Cntr:    21
```

disk

Persistor CF5578

BIOS 3.0 ((C) JHG/PII, Apr 26 2004)

PicoDOS 3.0 - 1048576 bytes of RAM

Flash Disk Card: Size=256499712 Free=149204992

(NOTE: does not always appear in datastream - this is a bug)

3. Instrument-specific service properties

```
/** Frames per sample; note that every 11th frame is dark. */
int sampleFrames = 4;
```

4. Initial service property values for this deployment

```
powerPolicy=ALWAYS
commPowerPolicy=SAMPLING
powerOnDelaySec=0
sampleSchedule=R */0 */0 */1 */0 * * * * GMT *
nominalCurrentMa=1000
currentLimitMa=8000
sampleFrames=4
UUID=5ff18e39-a3f2-11da-bb39-00306e389969
timeSynch=false
maxSampleTries=1
isiID=1514
sampleTimeoutMsec=5000
serviceStatus=2
startDelayMsec=20000
serviceName=Satlantic MBARI ISUS s/n 090

instrumentName=UNKNOWN
className=moos.devices.isus2.ISUS2$Attributes
parentID=1481
```

extendedVersion=UNK
frameworkVersion=\$Name: march13_2006-2 \$

5. Results of acceptance test procedures

OK

6. Known-service bugs/deficiencies

Sampling errors from listPorts < 5%
Device metadata not appearing in SIAM datastream

P.I. desires to ensure data collection in event of mooring
controller failure - should use ISUS "scheduled" mode