

**List of Test Trouble Reports (TTR) and Operational Trouble Reports (OTR) Documented  
in ASOS ACU Test Firmware Versions (V)2.79S, V2.79T, and V2.79U**

1. TTR 191 – “\$” sign generated when CT12K and CL31 were configured together [Found in V2.79S (03/18/08) and **FIXED** in V2.79T (12/02/08)]
2. OTR 1087 – No communication between DCP and SOLA UPS [Found in V2.79S (03/18/08) and **FIXED** in V2.79T (12/02/08)]
3. TTR 192 – DCP stops polling CT12K sensor after CL31 sensor was de-configured [Found in V2.79T (12/02/08) and **FIXED** in V2.79U (01/26/09)]
4. TTR 194 – Error Message 1015 Ceilometer # 1 Response Timeout error at 00:01LST everyday causing \$ [Found in V2.79T(12/02/08) and **FIXED** in V2.79U(01/26/09)]
5. TTR 196 – Invalid Pressure Temperature in SCA [Found in V2.79T (12/02/08) and **FIXED** in V2.79U (01/26/09)]
6. TTR 197 – Missing SKY Information in OMO 1-Minute ADAS/ALDARS Message [Found in V2.79T (12/02/08) and **FIXED** in V2.79U (01/26/09)]
7. TTR 198 – CL31 Error at Start of a new Month [Found in V2.79T (12/02/08) and **FIXED** in V2.79U (01/26/09)]
8. TTR 199 – No fail counts, no failure message, and no \$ were generated when there was a sensor failure [Found in V2.79T (12/02/08) and **FIXED** in V2.79U (01/26/09)]
9. **TTR 201** - The CL31 Ceilometer intermittently missing data are not properly edited. Bad data quality should be assigned after five bad data samples [Found in V2.79U (01/26/09) and **will be FIXED** in V2.79V (02/??/09)]
10. TTR 202 - Whenever DTS1 is configured as a TEST dewpoint Sensor and 1088 the OFFICIAL dewpoint sensor, a SYSLOG message indicating dewpoint sensor quality error is generated and a maintenance flag (\$) is generated and appended to the observations (METAR, SPECI, 5-MIN), even though there is no problem with the 1088 sensor [Found in V2.79U (01/26/09), considered **WATCHED ITEM**]
11. **TTR 203** - 12HR test page displays same CL31 data twice [Found in V2.79U (01/26/09) and **will be FIXED** in V2.79V(02/17/09)]
12. TTR 204 - ASOS created two same SPECIs, one with 5-MIN label [Found in V2.79U (01/26/09), considered **WATCHED ITEM**]

13. TTR 205 - V2.79U Transmitted SPECI Does Not Appear on OID: On February 13, 2009, the following issue occurred while performing System Testing on V2.79U. During test 3.01 (SPECI Generation), step 2 instructs the tester to generate a tornado during an hourly pending period. When the SPECI was transmitted it did not appear on the primary OID, just the previous SPECI and the pending hourly. On the secondary OID the newly transmitted SPECI appears with the pending METAR. The two OID's screen's were printed out as verification [Found in V2.79U (01/26/09), considered **WATCHED ITEM**]

14. TTR 206 - Random 1015 message and \$ when CT12K is primary sensor and CL31 is test sensor: appear in the SYSLOG. This problem was found to exist in the V2.79U load at ST sites, and in the V2.79T (12/2/08) load that is installed on the 7 meteorological comparison evaluation "beta sites" in the field. Analysis of the SYSLOGs from the 7 MCE sites indicates that the random 1015 error/message occurred from 1-16 time (depending on the site) for the months on January and February 2009. It is not known why these 1015 messages/errors occur, but they will cause a "\$" to be generated. After a meeting between OPS24 and OPS22, this TTR was determined to be a "watch item" TTR for OT&E because it will only occur when the CT12K is the primary sensor and the CL31 is the test sensor (which will only be in place for the first part of OT&E) [Found in V2.79U (01/26/09), considered **WATCHED ITEM**]

15. OTR1089 – The DTS1 sensor was configured as the Official dew point sensor and there was a sensor response error. The 12-hour archive contained data with no brackets; the data should have been missing. The data was missing on the one-minute page and did not show up in reports. The problem was validated by OPS23 to exist as in operational loads prior to V2.79D. It is not affecting ASOS operational performance. However, the OPS22 ACCB representative and Chair both concur with OPS23 recommendation that it does not need to be fixed in V2.79V (02/??/09) [Found in V2.79U (01/26/09), and **will be FIXED** in a future release]