

FIELD SERVICE BULLETIN

FSB# 131216a

December 16, 2013

Affected Products:

Sonoma Time Servers with Linux Subsystem firmware 6010-0065-000 versions 1.00 and 1.01. If your Sonoma has firmware version 1.02 or higher, this bulletin does not apply to you as the corrected MIB resides in your unit.

Part Number:

3026-xxxx-xxx

3027-xxxx-xxx

3028-xxxx-xxx

3029-xxxx-xxx

Note: "x" is variable.

Description:

Sonoma D12 Network Time Server (CDMA)

Sonoma D12 Network Time Server (GPS)

Sonoma N12 Network Time Server (CDMA)

Sonoma N12 Network Time Server (GPS)

Problem 1:

The SNMP SONOMA-MIB has a GPS variable defined twice. Many SNMP managers will not have a problem with this, but some will.

Problem 2:

The SNMP SONOMA-MIB defines enumerated labels for the Daylight Savings Time (DST) Sunday of the Month as 1stSunday, 2ndSunday, etc. Sometimes, an SNMP manager will reject this. These variables have been changed to be in compliance with RFC2578 for enumerated labels. In addition, there are other enumerated labels with similar syntax problems. These have all been corrected.

Symptoms for Problem 1:

Typically, the problem is noted when the SNMP manager gives an error message similar to this:

**This MIB cannot be loaded until the following problem is corrected:
Line 2463: Error in registration of 'gpsGPSminusUTCOffset': Subid
'32' already defined by 'gpsVersion'**

The MIB object gpsVersion is first given numeric subid 32, then MIB object gpsGPSminusUTCOffset is given subid 32. Finally, MIB object gpsVersion is given subid 33. Some SNMP managers will not have a problem with this, since the final definition of gpsVersion is correct.

Symptoms for Problem 2:

Typically, the problem is noted when the SNMP manager gives an error message similar to this:

```
Software\shared\nnm\user-snmp-mibs\SONOMA-MIB.txt]: Failed to  
parse MIB modules using the supplied resources - invalid MIB file  
format. ERROR  
7: Parse error: expecting R_BRACE, found '1'
```

Required Action:

For a corrected version of SONOMA-MIB.txt get the file at the link below, then compile using your SNMP Manager.

<http://www.endruntechnologies.com/SONOMA-MIB.txt>

Contact Information:

Feel free to contact us if you have any questions or need help:

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