Problem: Veris electronics not receiving GPS data

- Insure GPS receiver is powered and exporting proper NMEA strings GGA, and either VTG or RMC at a 1hz rate; 4800 baud, 8 data bits, no parity, 1 stop bit
- Inspect GPS signal cable plugged into proper port on instrument? (far left port, labeled GPS) no null modem

- YES, or I think so
  - Reboot GPS and Veris instrument—wait a few minutes for signal to be acquired

- NO
  - Is GPS receiver powered and exporting proper strings?
    - YES
    - Inspect GPS signal cable for damage
    - Reboot GPS and Veris instrument—wait a few minutes for signal to be acquired
    - Legible GPS strings appear
      - GPRMC, 151300, A, 3851.0650, N, 09737.2226, W, 002.0, 255.1, 290107, 005.3, E*68
      - GPGGA, 151300, 3851.0650, N, 09737.222600, W, 2, 04, 2.1, 377.5, M, -27.3, M,, *7E
      - GPRMC, 151301, A, 3851.0650, N, 09737.2225, W, 002.0, 255.1, 290107, 005.3, E*6A
      - GPGGA, 151301, 3851.0650, N, 09737.222500, W, 2, 04, 2.1, 377.5, M, -27.3, M,, *7C

  - Illegible characters appear
    - Check all GPS and HyperTerminal settings and connections—retry
    - Nothing appears
      - Check all GPS and HyperTerminal settings and connections—retry

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