Charles Owens

From: opus@ngs.noaa.gov
Sent: Thursday, October 03, 2002 1:52 PM
To: charles@burntchimney.com
Subject: OPUS solution : bcsb2531.02o

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 FILE: bcsb2531.02o

 1008 WARNING!  Antenna offsets supplied by the user in the RINEX
 1008 header or via the web were zero.  Coordinates returned will
 1008 be for the antenna reference point (ARP).  Please refer to
 1008   the following web address for an example.
 1008 http://www.ngs.noaa.gov/CORS/OPUS/Preprinfile.html
 1008
                            NGS OPUS SOLUTION REPORT
                            ========================

      USER: charles\@burntchimney.com              DATE: October 03, 2002
RINEX FILE: bcsb2531.02o                           TIME: 17:51:13 UTC


  SOFTWARE: page5  0203.19 ./master.pl            START: 2002/09/10  15:00:00
 EPHEMERIS: igs11832.eph [precise]                 STOP: 2002/09/10  18:11:00
  NAV FILE: brdc2530.02n                       OBS USED:  6374 /  6608   :  96%
  ANT NAME: ASH700700.C                     # FIXED AMB:    36 /    36   : 100%
ARP HEIGHT: 0.0                             OVERALL RMS: 0.020(m)


 REF FRAME: NAD83(CORS96)(EPOCH:2002.0000)            ITRF00 (EPOCH:2002.6923)

         X:       737638.018(m)   0.005(m)            737637.393(m)   0.005(m)
         Y:     -5156887.593(m)   0.034(m)          -5156886.118(m)   0.034(m)
         Z:      3668243.813(m)   0.014(m)           3668243.658(m)   0.014(m)

       LAT:   35 19 59.18335      0.009(m)        35 19 59.20831      0.009(m)
     E LON:  278  8 25.20541      0.002(m)       278  8 25.18918      0.003(m)
     W LON:   81 51 34.79459      0.002(m)        81 51 34.81082      0.003(m)
    EL HGT:          287.164(m)   0.036(m)              285.811(m)   0.036(m)
 ORTHO HGT:          319.190(m)   0.044(m) [Geoid99 NAVD88]

       UTM:          Zone  17
  NORTHING:      3910323.305(m)
   EASTING:       421872.384(m)

US NATIONAL GRID DESIGNATOR: 17SMV2187210323(NAD 83)


       SPC:      Zone  3200(NC)
  NORTHING:       179358.101(m)
   EASTING:       349678.784(m)

                            BASE STATIONS USED
PID       DESIGNATION                       LATITUDE    LONGITUDE DISTANCE(m)
AF9641 ASHV ASHEVILLE CORS ARP            N353558.011 W0823246.318   68972.0
AH6714 COLA COLUMBIA CORS ARP             N340451.557 W0810718.015  154483.5
AJ8051 CHME CHARLOTTE CORS ARP            N351635.972 W0805320.582   88500.1

                 NEAREST NGS PUBLISHED CONTROL POINT
FA1334      RU 20                         N352001.    W0815154.        487.7

This position was computed without any knowledge by the National Geodetic Survey regarding
the equipment or field operating procedures used.
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