Charles Owens

From: opus@ngs.noaa.gov
Sent: Tuesday, July 30, 2002 3:39 PM
To: charles@burntchimney.com
Subject: OPUS solution : bcsb1761.02o

FILE: bcsb1761.02o

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
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USER: charles\@burntchimney.com DATE: July 30, 2002
RINEX FILE: bcsb1761.02o TIME: 19:38:47 UTC

SOFTWARE: page5 0203.19 ./master2.pl START: 2002/06/25 18:34:00
EPHEMERIS: igs11722.eph [precise] STOP: 2002/06/25 20:51:00
NAV FILE: brdc1760.02n OBS USED: 4800 / 5063 : 95%
ANT NAME: ASH700700.C # FIXED AMB: 28 / 30 : 93%
ARP HEIGHT: 0.0 OVERALL RMS: 0.022(m)

REF FRAME: NAD83(CORS96)(EPOCH:2002.0000) ITRF00 (EPOCH:2002.4817)

X:	737638.005(m)	0.007(m)	737637.383(m)	0.007(m)
Y:	-5156887.570(m)	0.043(m)	-5156886.094(m)	0.043(m)
Z:	3668243.799(m)	0.023(m)	3668243.643(m)	0.022(m)
LAT:	35 19 59.18344	0.008(m)	35 19 59.20838	0.008(m)
E LON:	278 8 25.20503	0.013(m)	278 8 25.18892	0.016(m)
W LON:	81 51 34.79497	0.013(m)	81 51 34.81108	0.016(m)
EL HGT:	287.135(m)	0.046(m)	285.781(m)	0.046(m)
ORTHO HGT:	319.161(m)	0.052(m) [Geoid99 NAVD88]		

UTM: Zone 17
NORTHING: 3910323.308(m)
EASTING: 421872.375(m)

SPC: Zone 3200(NC)
NORTHING: 179358.104(m)
EASTING: 349678.774(m)

BASE STATIONS USED

PID	DESIGNATION	LATITUDE	LONGITUDE	DISTANCE(m)
AF9641	ashv ASHEVILLE CORS ARP	N353558	W0823246	68972
AJ4434	gvlt GREENVILLE TECHNI CORS ARP	N344946	W0822215	72756
AJ5575	cono CONOVER CORS ARP	N354209	W0811400	70046

NEAREST NGS PUBLISHED CONTROL POINT

FA1334 RU 20 N352001 W0815155 513

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