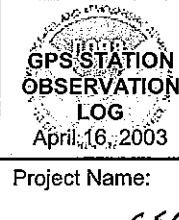


**GPS STATION  
OBSERVATION  
LOG**  
April 16, 2003

 GPS STATION OBSERVATION LOG April 16, 2003	Station Designation: (check applicable: <input type="checkbox"/> FBN <input type="checkbox"/> CBN <input type="checkbox"/> PAC <input type="checkbox"/> SAC <input type="checkbox"/> BM) <u>SM+ 21</u>		Station PID, if any:		Date (UTC): <u>5-19-09</u>								
	General Location: <u>1275 W. Pulaski Hwy, Elkton, MD 21921</u>		Airport ID, if any:		Station 4-Character ID: <u>139</u>								
Project Name: <u>CELIL COUNTY HMDA</u>			Project Number: <u>GPS-</u>		Station Serial # (SSN): <u>13D</u>								
NAD83 Latitude <u>0</u>		NAD83 Longitude <u>0</u>		NAD83 Ellipsoidal Height <u>0</u> meters		Agency Full Name: <u>G.W. STEPHENS, JR AND ASSOC.</u>							
Observation Session Times (UTC): Sched. Start <u>13:52</u> Stop <u>14:43</u>		Epoch Interval = <u>1</u> Seconds Elevation Mask = <u>0</u> Degrees		NAVD88 Orthometric Ht. <u>0</u> meters GEOID99 Geoid Height <u>0</u> meters		Operator Full Name: <u>RAYMOND G. CRAMER JR</u> Phone #: <u>(410) 297-2340</u> e-mail address: <u>jshaw@gwstephens.com</u>							
Receiver Brand & Model: <u>Trimble 4800</u> P/N: <u>32119-56</u> S/N: <u>6220160896</u> Firmware Version: <input type="checkbox"/> CamCorder Battery, <input type="checkbox"/> 12V DC, <input type="checkbox"/> 110V AC, <input type="checkbox"/> Other		Antenna Code*, Brand & Model: P/N: S/N: Cable Length, meters: Vehicle is Parked _____ meters _____ (direction) from antenna.		Antenna plumb before session? <input checked="" type="radio"/> (Y) (N) Circle Antenna plumb after session? <input checked="" type="radio"/> (Y) (N) Yes or No Antenna oriented to true North? <input checked="" type="radio"/> (Y) (N) -If no, explain Weather observed at antenna ht. <input checked="" type="radio"/> (Y) (N) Antenna ground plane used? <input checked="" type="radio"/> (Y) (N) Antenna radome used? <input checked="" type="radio"/> (Y) (N) If yes, describe. Eccentric occupation (>0.5 mm)? <input checked="" type="radio"/> (Y) (N) Use Any obstructions above 10°? <input checked="" type="radio"/> (Y) (N) Radio interference source nearby <input checked="" type="radio"/> (Y) (N) Vis. form									
Tripod or Antenna Mount: Check one: <input checked="" type="checkbox"/> Fixed-Leg Tripod, <input type="checkbox"/> Collapsible-leg tripod <input type="checkbox"/> Fixed Mount Brand & Model: <u>SECO</u> P/N: <u>5119-00-FLY</u> S/N: Last Adjustment date:		<b>** ANTENNA HEIGHT **</b> A= Datum point to Top of Tripod (Tripod Height) B= Additional offset to ARP if any (Tribrach/Spacer) H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP) Meters = Feet x (0.3048) Height Entered Into Receiver = _____ meters.		Before Session Begins: Meters Feet 2.000 6.562 After Session Ends: Meters Feet 2.000 6.562									
Psychrometer (if used) Brand & Model: P/N: S/N: Last Calibration or check Date:		Note &/or sketch ANY unusual conditions. Be Very Explicit as to where and how Measured!											
Barometer (if used) Brand & Model: S/N:		Weather Data Before 00000 13:52 Middle 00000 14:20 After 00000 14:43		Weather Codes Time (UTC) Dry-Bulb Temp Fahrenheit Celsius Wet Bulb Temp Fahrenheit Celsius Rel. % Humidity Atm. Pressure inches Hg millibar									
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc:													
Weather codes are required. Weather data are optional but encouraged. *Antenna code comes from ant_info file furnished by project coordinator.													
Data File Name(s): (Standard NGS Format = aaaadddd.xxx) where aaaa=4-Character ID, ddd=Day of Year, s=Session ID, xxx=file dependant extension		Updated Station Description: <input type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier Visibility Obstruction Form: <input checked="" type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier Photographs of Station: <input checked="" type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier Pencil Rubbing of Mark: <input type="checkbox"/> Attached		LOG CHECKED BY:									
Table of Weather Codes		CODE		PROBLEM		VISIBILITY		TEMPERATURE		CLOUD COVER		WIND	
0		did not occur		Good, over 15 miles		Normal, 32° F- 80° F		Clear, below 20%		Calm, under 5mph (8km/h)			
1		did occur		Fair, 7-15 miles		Hot, over 80°F (27 C)		Cloudy, 20% to 70%		Moderate, 5 to 15 mph			
2		- not used -		Poor, under 7 miles		Cold, below 32° F (0 C)		Overcast, over 70%		Strong, over 15 mph (24km/h)			
Examples:		00000 = No problem, good visibility, normal temp, clear, calm wind		12121 = Problems, poor visibility, hot, overcast, moderate wind									