



Station Designation: (check applicable: FBN CBN PAC SAC BM) **COURTHOUSE 2008**

General Location: **31 WOODSIDE DRIVE, CHESPEAKE CITY, MD 21915**

Station PID, if any: _____ Date (UTC): **5-28-2009**

Station 4-Character ID: **COUR** Day of Year: **148**

Project Name: **CECIL COUNTY HMOD** Project Number: **GPS-** Station Serial # (SSN): _____ Session ID:(A,B,C etc): **B**

NAD83 Latitude: _____ NAD83 Longitude: _____ NAD83 Ellipsoidal Height: _____ meters

Agency Full Name: **G.W. STEPHENS**

Operator Full Name: **JAMES SHAW**

Phone #: **(410) 297-2340**

e-mail address: **jshaw@gawstephens.com**

Observation Session Times (UTC):
 Sched. Start **13:55** Stop **14:30**
 Actual Start **13:37** Stop **14:35**

Epoch Interval = _____ Seconds
 Elevation Mask = _____ Degrees

NAVD88 Orthometric Ht. _____ meters
 GEOID99 Geoid Height _____ meters

Receiver Brand & Model: **TRIMBLE 4800**

Antenna Code*, Brand & Model: **INTERNAL**

Antenna plumb before session? Y / N Circle Yes or No

Antenna plumb after session? Y / N -If no, explain

Antenna oriented to true North? Y / N

Weather observed at antenna ht. Y / N

Antenna ground plane used? Y / N

Antenna radome used? Y / N If yes, describe.

Eccentric occupation (>0.5 mm)? Y / N Use

Any obstructions above 10'? Y / N

Radio interference source nearby Y / N Vis. form

P/N: **32119-56**
 S/N: **0220160895**
 Firmware Version: _____

Vehicle is Parked _____ meters _____ (direction) from antenna.

CamCorder Battery, 12V DC, 110V AC, Other

Tripod or Antenna Mount: Check one:
 Fixed-Leg Tripod, Collapsible-leg tripod, Fixed Mount

Brand & Model: **SECO 2.0 M**

P/N: _____
 S/N: **5119-00-FLY/IDP55 MAY 04**
 Last Adjustment date: **5-27-2009**

Psychrometer (if used) Brand & Model: _____

P/N: _____
 S/N: _____
 Last Calibration or check Date: _____

**** ANTENNA HEIGHT ****

| | Before Session Begins: Meters | Feet | After Session Ends: Meters | Feet |
|--|----------------------------------|--------------|-------------------------------|--------------|
| A = Datum point to Top of Tripod (Tripod Height) | 2.000 | 6.562 | 2.000 | 6.562 |
| B = Additional offset to ARP if any (Tribrach/Spacer) | 0.000 | 0.000 | 0.000 | 0.000 |
| H = Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP) | 2.000 | 6.562 | 2.000 | 6.562 |

Meters = Feet x (0.3048)
 Height Entered Into Receiver = _____ meters.

Note &/or sketch ANY unusual conditions. Be **Very Explicit** as to where and how Measured!

| Barometer (if used) Brand & Model: S/N: | Weather Data | Weather Codes | Time (UTC) | Dry-Bulb Temp Fahrenheit Celsius | WetBulb Temp Fahrenheit Celsius | Rel. % Humidity | Atm. Pressure inches Hg millibar |
|--|--------------|---------------|--------------|-------------------------------------|------------------------------------|-----------------|-------------------------------------|
| | Before | 02020 | 13:37 | | | | |
| | Middle | 02020 | 14:05 | | | | |
| | After | 02020 | 14:35 | | | | |

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 = aaaaddds.xxx)
 where aaaa=4-Character ID, ddd=Day of Year, s=Session ID, xxx=file dependant extension

Updated Station Description: Attached Submitted earlier
 Visibility Obstruction Form: Attached Submitted earlier
 Photographs of Station: Attached Submitted earlier
 Pencil Rubbing of Mark: 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