

 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) <div style="text-align: center; font-size: 1.2em;"><i>TALBOTS HAVEN</i></div>		Station PID, if any:		Date (UTC): <div style="text-align: center; font-size: 1.2em;"><i>3-24-09</i></div>		
	General Location: <div style="text-align: center; font-size: 1.2em;"><i>154 PIONEER RIDGE DR, PORT DEPOSIT MD 21904</i></div>		Airport ID, if any:		Station 4-Character ID: <div style="text-align: center; font-size: 1.2em;"><i>TALB</i></div>		
Project Name: <div style="text-align: center; font-size: 1.2em;"><i>CECIL COUNTY HMOD</i></div>		Project Number: <div style="text-align: center; font-size: 1.2em;"><i>GPS-</i></div>		Station Serial # (SSN):		Session ID:(A,B,C etc) <div style="text-align: center; font-size: 1.2em;"><i>X B</i></div>	
NAD83 Latitude <div style="text-align: center;">o ' "</div>		NAD83 Longitude <div style="text-align: center;">o ' "</div>		NAD83 Ellipsoidal Height <div style="text-align: center;">meters</div>		Agency Full Name: <div style="text-align: center; font-size: 1.2em;"><i>G.W. STEPHENS JR AND ASSOC.</i></div>	
Observation Session Times (UTC): Sched. Start <i>8:45</i> Stop <i>9:20</i> Actual Start <i>12:45</i> Stop <i>13:20</i>		Epoch Interval=____ Seconds Elevation Mask =____ Degrees		NAVD88 Orthometric Ht. <div style="text-align: center;">meters</div>		Operator Full Name: <div style="text-align: center; font-size: 1.2em;"><i>Roy Miller</i></div>	
Phone #: () _____		GEOID99 Geoid Height <div style="text-align: center;">meters</div>		e-mail address: <div style="text-align: center; font-size: 1.2em;"><i>410-297-2340</i></div>		<div style="text-align: center; font-size: 1.2em;"><i>jshe@egwstephens.com</i></div>	
Receiver Brand & Model: <div style="text-align: center; font-size: 1.2em;"><i>Trimble 5800</i></div>		Antenna Code*, Brand & Model: <div style="text-align: center; font-size: 1.2em;"><i>P/N: 45145-46</i></div>		Antenna plumb before session? <input checked="" type="radio"/> Y <input type="radio"/> N Circle Antenna plumb after session? <input checked="" type="radio"/> Y <input type="radio"/> N Yes or No Antenna oriented to true North? <input checked="" type="radio"/> Y <input type="radio"/> N -If no, explain Weather observed at antenna ht. <input checked="" type="radio"/> Y <input type="radio"/> N Antenna ground plane used? <input checked="" type="radio"/> Y <input type="radio"/> N "		Antenna radome used? <input type="radio"/> Y <input checked="" type="radio"/> N If yes, describe. Eccentric occupation (>0.5 mm)? <input type="radio"/> Y <input checked="" type="radio"/> N Use Any obstructions above 10°? <input checked="" type="radio"/> Y <input type="radio"/> N Vis. form Radio interference source nearby <input type="radio"/> Y <input checked="" type="radio"/> N	
P/N: <i>45145-46</i> S/N: <i>4423134651</i> Firmware Version:		P/N: S/N: Cable Length, meters:		<input type="checkbox"/> CamCorder Battery, <input type="checkbox"/> 12V DC, <input type="checkbox"/> 110V AC, <input type="checkbox"/> Other		Vehicle is Parked _____ meters _____ (direction) from antenna.	
Tripod or Antenna Mount: Check one: <input type="checkbox"/> Fixed-Leg Tripod, <input type="checkbox"/> Collapsible-leg tripod <input type="checkbox"/> Fixed Mount Brand & Model: <div style="text-align: center; font-size: 1.2em;"><i>SECO</i></div>		<div style="text-align: center; font-size: 1.5em; font-weight: bold;">** ANTENNA HEIGHT **</div>		Before Session Begins: <div style="display: flex; justify-content: space-around;"> <div>Meters</div> <div>Feet</div> </div>		After Session Ends: <div style="display: flex; justify-content: space-around;"> <div>Meters</div> <div>Feet</div> </div>	
P/N: <i>5119-00-PLY</i> S/N: Last Adjustment date:		A= Datum point to Top of Tripod (Tripod Height)					
Psychrometer (if used) Brand & Model: P/N: S/N: Last Calibration or check Date:		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.		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
		Before	<i>00001</i>	<i>12:43</i>			
		Middle	<i>00001</i>	<i>13:05</i>			
		After	<i>00001</i>	<i>13:22</i>			
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) <small>where aaaa=4-Character ID, ddd=Day of Year, s=Session ID, xxx=file dependant extension</small>				Updated Station Description: <input type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier Visibility Obstruction Form: <input type="checkbox"/> Attached <input checked="" type="checkbox"/> Submitted earlier Photographs of Station: <input checked="" type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier Pencil Rubbing of Mark: <input checked="" type="checkbox"/> Attached <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, over15 mph (24km/h)
Examples: 00000 = No problem, good visibility, normal temp, clear, calm wind 12121 = Problems, poor visibility, hot, overcast, moderate wind							