GPS STATION OBSERVATION LOG April 16, 2003

Station Designation: (check applicable: __ FBN __ CBN __ PAC __ SAC __ BM) Ø112 (FBN)		Station PID, if any: N/A	Date (UTC): 02-JAN-06
General Location: Venice, La.	Airport ID, if any:	Station 4-Character ID: Ø112	Day of Year: 033
Project Name: EDOT 6 Hwy 23 Low Plug.	Project Number: GPS-	Station Serial # (SSN):	Session ID:(A,B,C etc) 1

NAD83 Latitude: 29 ° 16 ' 39.20 "	NAD83 Longitude: 89 ° 21 ' 27.26 "	NAD83 Ellipsoidal Height: meters NAVD88 Orthometric Ht.: meters GEOID99 Geoid Height: meters	Agency Full Name: 3001 Inc Operator Full Name: John Purpera Phone #: ( ) e-mail address:
Observation Session Times (UTC): Sched. Start _____ Stop _____ Actual Start 17:09 Stop 18:10	Epoch Interval= 15 Seconds Elevation Mask = 15 Degrees		

Receiver Brand & Model: Trimble 4000 SE P/N: S/N: Ø305 Firmware Version: ☐ CamCorder Battery, ☐ 12V DC, ☐ 110V AC, ☐ Other	Antenna Code*, Brand & Model: ~~Trimble~~ C/A w/gr. Plane Compact P/N: 24419 S/N: Cable Length, meters: Vehicle is Parked 50 meters NE (direction) from antenna.	Antenna plumb before session? (Y / N) Circle Antenna plumb after session? (Y / N) Yes or No Antenna oriented to true North? (Y / N) -If no, Weather observed at antenna ht. (Y / N) explain Antenna ground plane used? (Y / N) " Antenna radome used? (Y / N) If yes, Eccentric occupation (>0.5 mm)? (Y / N) describe. Any obstructions above 10°? (Y / N) Use Radio interference source nearby (Y / N) Vis. form

Tripod or Antenna Mount: Check one:
☐ Fixed-Leg Tripod, ☐ Collapsible-leg tripod ☐ Fixed Mount
Brand & Model:
P/N:
S/N:
Last Adjustment date:

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)	0.063	0.207	0.063	0.207
H= Antenna Height **= A + B** = Datum Point to Antenna Reference Point (ARP)	2.063	6.769	2.063	6.769

Meters = Feet x (0.3048)
Height Entered Into Receiver = 2.0630 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	Dry-Bulb Temp Celsius	WetBulb Temp Fahrenheit	WetBulb Temp Celsius	Rel. % Humidity	Atm. Pressure inches Hg	Atm. Pressure millibar
Before									
Middle									
After									

Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc:
½" Rebar with yellow cap on the east side of Hwy 23 at the intersection of Jump Basin Rd. On the south side of Jump Basin Rd.

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): Ø1120331.dat
(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, over15 mph (24km/h)
Examples:	00000 = No problem, good visibility, normal temp, clear, calm wind			12121 = Problems, poor visibility, hot, overcast, moderate wind		

GPS STATION OBSERVATION LOG
April 16, 2003

Station Designation: (check applicable: __ FBN __ CBN __ PAC __ SAC __ BM) DUVI (TBM)		Station PID, if any: N/A	Date (UTC): 2-JAN-06
General Location: Boothville, La.	Airport ID, if any:	Station 4-Character ID: DUVI	Day of Year: 033
Project Name: IPet 6 – Pump Stations	Project Number: GPS-	Station Serial # (SSN):	Session ID:(A,B,C etc) 1

NAD83 Latitude: 29° 18' 50.98"	NAD83 Longitude: 89° 23' 16.24"	NAD83 Ellipsoidal Height: meters NAVD88 Orthometric Ht.: meters GEOID99 Geoid Height: meters	Agency Full Name: 3001, Inc Operator Full Name: John Puopeka Phone #: ( ) e-mail address:
Observation Session Times (UTC): Sched. Start _____ Stop _____ Actual Start 18:24 Stop 19:25	Epoch Interval= 15 Seconds Elevation Mask = 15 Degrees		

Receiver Brand & Model: Trimble 4000 SE P/N: S/N: 4305 Firmware Version: ☐ CamCorder Battery, ☐ 12V DC, ☐ 110V AC, ☐ Other	Antenna Code*, Brand & Model: COMPAC L1/L2 w/GP. Plane P/N: S/N: 24419 Cable Length, meters: Vehicle is Parked 50 meters NE (direction) from antenna.	Antenna plumb before session? (Y / N) Circle Antenna plumb after session? (Y / N) Yes or No Antenna oriented to true North? (Y / N) -If no, Weather observed at antenna ht. (Y / N) explain Antenna ground plane used? (Y / N) " Antenna radome used? (Y / N) If yes, Eccentric occupation (>0.5 mm)? (Y / N) describe. Any obstructions above 10°? (Y / N) Use Radio interference source nearby (Y / N) Vis. form

Tripod or Antenna Mount: Check one:
☑ Fixed-Leg Tripod, ☐ Collapsible-leg tripod ☐ Fixed Mount
Brand & Model:
P/N:
S/N: SECO
Last Adjustment date:

Psychrometer (if used) Brand & Model:
P/N:
S/N:
Last Calibration or check Date:

**** ANTENNA HEIGHT ****

	Before Session Begins: Meters	Before Session Begins: Feet	After Session Ends: Meters	After Session Ends: 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)	0.063	0.207	0.063	0.207
H= Antenna Height **= A + B** = Datum Point to Antenna Reference Point (ARP)	2.063	6.769	2.063	6.869

Meters = Feet x (0.3048) Note &/or sketch **ANY** unusual conditions.
Height Entered Into Receiver = _____ meters. 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	Dry-Bulb Temp Celsius	WetBulb Temp Fahrenheit	WetBulb Temp Celsius	Rel. % Humidity	Atm. Pressure inches Hg	Atm. Pressure millibar
Before									
Middle									
After									

Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc:
60 D NAIL - NEAR North end OF Concrete Curb - Leaning to NE Corner OF Concrete Bridge over Canal.

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): DUVI0331.dat
(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, over15 mph (24km/h)
Examples:	00000 = No problem, good visibility, normal temp, clear, calm wind			12121 = Problems, poor visibility, hot, overcast, moderate wind		

GPS STATION OBSERVATION LOG
April 16, 2003

Station Designation: (check applicable: __ FBN __ CBN __ PAC __ SAC __ BM) Ø113 TBM		Station PID, if any: N/A	Date (UTC): 2-JAN-06
General Location: Boothville, La.	Airport ID, if any:	Station 4-Character ID: Ø113	Day of Year: 033
Project Name: DPOT6 - HWM's Low Plag.	Project Number: GPS-	Station Serial # (SSN): N/A	Session ID:(A,B,C etc) 1

NAD83 Latitude: 29° 19' 24.65"	NAD83 Longitude: 89° 23' 42.99"	NAD83 Ellipsoidal Height: meters NAVD88 Orthometric Ht.: meters GEOID99 Geoid Height: meters
Observation Session Times (UTC): Sched. Start _____ Stop _____ Actual Start 19:33 Stop 20:34	Epoch Interval= 15 Seconds Elevation Mask = 15 Degrees	Agency Full Name: SOOI, Inc Operator Full Name: John Purpera Phone #: ( ) e-mail address:

Receiver Brand & Model: Trimble Receiver Goose P/N: S/N: 4305 Firmware Version: ☐ CamCorder Battery, ☐ 12V DC, ☐ 110V AC, ☐ Other	Antenna Code*, Brand & Model: Compact L1/L2 w/gr Plane P/N: S/N: 24619 Cable Length, meters: Vehicle is Parked 50 meters E (direction) from antenna.	Antenna plumb before session? (Y / N) Circle Antenna plumb after session? (Y / N) Yes or No Antenna oriented to true North? (Y / N) -If no, Weather observed at antenna ht. (Y / N) explain Antenna ground plane used? (Y / N) " Antenna radome used? (Y / N) If yes, Eccentric occupation (>0.5 mm)? (Y / N) describe. Any obstructions above 10°? (Y / N) Use Radio interference source nearby (Y / N) Vis. form

Tripod or Antenna Mount: Check one:
☐ Fixed-Leg Tripod, ☐ Collapsible-leg tripod ☐ Fixed Mount
Brand & Model:
P/N:
S/N: SECO
Last Adjustment date:

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)	0.063	0.207	0.063	0.207
H= Antenna Height **= A + B** = Datum Point to Antenna Reference Point (ARP)	2.063	6.769	2.063	6.769

Meters = Feet x (0.3048)
Height Entered Into Receiver = 2.000 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	Dry-Bulb Temp Celsius	WetBulb Temp Fahrenheit	WetBulb Temp Celsius	Rel. % Humidity	Atm. Pressure inches Hg	Atm. Pressure millibar
Before									
Middle									
After									

Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc:
½" Rebar with yellow cap. in the grass median Between the concrete parking lot For the Boothville Senior Citizens Bldg & Hwy 23. 1' East of east edge of Conc. Parking Lot. Approx. E of Parking Lot.

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): Ø1130331.dat
(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, over15 mph (24km/h)

Examples: 00000 = No problem, good visibility, normal temp, clear, calm wind 12121 = Problems, poor visibility, hot, overcast, moderate wind

GPS STATION OBSERVATION LOG
April 16, 2003

Station Designation: (check applicable: __ FBN __ CBN __ PAC __ SAC ~~BM~~) 0110 (TBM)		Station PID, if any: N/A	Date (UTC): 2-JAN-06
General Location: Venice, La. (McDermott RD)	Airport ID, if any:	Station 4-Character ID: 0110	Day of Year: 033
Project Name: DPET 6 – Hurm's-Low Plug.	Project Number: GPS-	Station Serial # (SSN):	Session ID:(A,B,C etc) 1

NAD83 Latitude: 29° 15' 37.03"	NAD83 Longitude: 89° 21' 43.60"	NAD83 Ellipsoidal Height: meters NAVD88 Orthometric Ht.: meters GEOID99 Geoid Height: meters
Observation Session Times (UTC): Sched. Start _____ Stop _____ Actual Start 15:59 Stop 17:00	Epoch Interval= 15 Seconds Elevation Mask = 15 Degrees	Agency Full Name: 3001, Inc Operator Full Name: JOHN PURPERA Phone #: ( ) e-mail address:

Receiver Brand & Model: Trimble 4000 SE P/N: S/N: 4305 Firmware Version: ☐ CamCorder Battery, ☐ 12V DC, ☐ 110V AC, ☐ Other	Antenna Code*, Brand & Model: Compac L1/L2 w/GP. Plane P/N: S/N: 24419 Cable Length, meters: Vehicle is Parked 50 meters SE (direction) from antenna.	Antenna plumb before session? (Y/N) Circle Antenna plumb after session? (Y/N) Yes or No Antenna oriented to true North? (Y/N) -If no, Weather observed at antenna ht. (Y/N) explain Antenna ground plane used? (Y/N) " Antenna radome used? (Y / N) If yes, Eccentric occupation (>0.5 mm)? (Y / N) describe. Any obstructions above 10°? (Y / N) Use Radio interference source nearby (Y / N) Vis. form

Tripod or Antenna Mount: Check one:
☐ Fixed-Leg Tripod, ☐ Collapsible-leg tripod ☐ Fixed Mount
Brand & Model:
P/N:
S/N: 5020
Last Adjustment date:

Psychrometer (if used) Brand & Model:
P/N:
S/N:
Last Calibration or check Date:

**** ANTENNA HEIGHT ****

	Before Session Begins: Meters	Before Session Begins: Feet	After Session Ends: Meters	After Session Ends: 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)	0.063	0.207	0.063	0.207
H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)	2.063	6.769	2.063	6.769

Meters = Feet x (0.3048)
Height Entered Into Receiver = 2.000 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	Dry-Bulb Temp Celsius	WetBulb Temp Fahrenheit	WetBulb Temp Celsius	Rel. % Humidity	Atm. Pressure inches Hg	Atm. Pressure millibar
Before									
Middle									
After									

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): 01100331.dat
(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, over15 mph (24km/h)

Examples: 00000 = No problem, good visibility, normal temp, clear, calm wind 12121 = Problems, poor visibility, hot, overcast, moderate wind

GPS STATION OBSERVATION LOG
April 16, 2003

Station Designation: (check applicable: __ FBN __ CBN __ PAC __ SAC __ BM)	Station PID, if any:	Date (UTC):
MiLaN2	AT0200	2006020Z
General Location: / **Airport ID, if any:**	**Station 4-Character ID:**	**Day of Year:**
Plaquemines Parish, LA	MiL2	033
Project Name:	**Project Number: GPS-**	**Station Serial # (SSN):**	**Session ID:(A,B,C etc)**
IPET 6	1360		1

NAD83 Latitude	NAD83 Longitude	NAD83 Ellipsoidal Height	Agency Full Name:
29° 28 . 05. 74	89° 40 53. 73 "	-24.53 meters	3001, INC
		NAVD88 Orthometric Ht.	Operator Full Name: Maurice Howard
Observation Session Times (UTC): Sched. Start ____ Stop ____	Epoch Interval= 15 Seconds	-0.15 meters	Phone #: (703) 574-2336
Actual Start 15:05 14:58 Stop 21:57	Elevation Mask = 13 Degrees	GEOID99 Geoid Height -24.39 meters	e-mail address:

Receiver Brand & Model: TRIMBLE 4000SSI

P/N: 21000-31
S/N: 3324A03158
Firmware Version: 7.29

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

Antenna Code*, Brand & Model: TRIMBLE Comp L1/L2W/GP0 Plane

P/N:
S/N:
Cable Length, meters: 4.45 m

Vehicle is Parked N/A meters ____ (direction) from antenna.

Antenna plumb before session?	(Y) N)	Circle Yes or No
Antenna plumb after session?	(Y) N)	
Antenna oriented to true North?	(Y) N)	-If no, explain
Weather observed at antenna ht.	(Y) N)	
Antenna ground plane used?	(Y) N)	"
Antenna radome used?	(Y (N))	If yes, describe. Use Vis. form
Eccentric occupation (>0.5 mm)?	(Y (N))	
Any obstructions above 10°?	(Y (N))	
Radio interference source nearby	(Y (N))	

Tripod or Antenna Mount: Check one:
☑ Fixed-Leg Tripod, ☐ Collapsible-leg tripod ☐ Fixed Mount
Brand & Model: SECO
P/N: 5115-00-YEL
S/N:
Last Adjustment date: 02-02-06

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			
B= Additional offset to ARP if any (Tribrach/Spacer)	0.063			
H= Antenna Height **= A + B** = Datum Point to Antenna Reference Point (ARP)	2.063			

Meters = Feet x (0.3048) UNCORR. Note &/or sketch **ANY** unusual conditions.
Height Entered Into Receiver = 2.000 meters. 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	Dry-Bulb Temp Celsius	WetBulb Temp Fahrenheit	WetBulb Temp Celsius	Rel. % Humidity	Atm. Pressure inches Hg	Atm. Pressure millibar
Before	01020								
Middle									
After									

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): MIL2 0331.DAT
(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, over15 mph (24km/h)

Examples: 00000 = No problem, good visibility, normal temp, clear, calm wind 12121 = Problems, poor visibility, hot, overcast, moderate wind

GPS STATION OBSERVATION LOG
April 16, 2003

Station Designation: (check applicable:__ FBN__ CBN__ PAC__ SAC __BM) SunRise GPS		Station PID, if any:	Date (UTC): 20060202
General Location: Buras, LA / Plaquemine Parish	Airport ID, if any:	Station 4-Character ID: SUNR	Day of Year: 033
Project Name: IPET6	Project Number: GPS Week 1360	Station Serial # (SSN):	Session ID:(A,B,C etc) 1

NAD83 Latitude 29° 21' 47.24	NAD83 Longitude 89° 33' 58.31"	NAD83 Ellipsoidal Height ___ meters	Agency Full Name: 3001, Inc
Observation Session Times (UTC): Sched. Start ____ Stop ____ Actual Start 15:43 Stop 16:44	Epoch Interval= 15 Seconds; Elevation Mask = 13 Degrees	NAVD88 Orthometric Ht. ___ meters; GEOID99 Geoid Height ___ meters	Operator Full Name: Maurice Alvarado; Phone #: (703) 574-2336; e-mail address:

Receiver Brand & Model: Trimble 4000SE
P/N: 21000-31
S/N: 3403A04927
Firmware Version: 7.29
☐ CamCorder Battery, ☑ 12V DC, ☐ 110V AC, ☐ Other

Antenna Code*, Brand & Model: Trimble Comp L1/L2 w/ground plane
P/N: 22020-00
S/N: 0220024415
Cable Length, meters: 9.35m
Vehicle is Parked 20 meters NE (direction) from antenna.

Antenna plumb before session?	(Y/N) Y	Circle Yes or No -If no, explain
Antenna plumb after session?	(Y/N) Y	
Antenna oriented to true North?	(Y/N) Y	
Weather observed at antenna ht.	(Y/N) Y	
Antenna ground plane used?	(Y/N) Y	
Antenna radome used?	(Y/N) N	If yes, describe. Use Vis. form
Eccentric occupation (>0.5 mm)?	(Y/N) N	
Any obstructions above 10°?	(Y/N) N	
Radio interference source nearby	(Y/N) N	

Tripod or Antenna Mount: Check one: ☑ Fixed-Leg Tripod, ☐ Collapsible-leg tripod ☐ Fixed Mount
Brand & Model: Seco
P/N: 5115-06-FLY
S/N:
Last Adjustment date: 02 Feb, 2006

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)	0.063	0.206	0.063	0.206
H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)	2.063	6.768	2.063	6.768

Meters = Feet x (0.3048) Height Entered Into Receiver = 2.000 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	01020								
Middle									
After	01010								

Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc:

3/4" Iron Rod - TBM

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): SUNR0331.DAT
(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, over15 mph (24km/h)

Examples: 00000 = No problem, good visibility, normal temp, clear, calm wind 12121 = Problems, poor visibility, hot, overcast, moderate wind

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3/4

GPS STATION OBSERVATION LOG April 16, 2003	Station Designation: (check applicable:__ FBN__ CBN__ PAC__ SAC __BM) TBm 118	Station PID, if any:	Date (UTC): 20060202
	General Location: Buras, LA / Plaquemine Parish Airport ID, if any:	Station 4-Character ID: 0118	Day of Year: 033
Project Name: IPET 6	Project Number: GPS-Week 1360	Station Serial # (SSN):	Session ID:(A,B,C etc) 1

NAD83 Latitude	NAD83 Longitude	NAD83 Ellipsoidal Height	Agency Full Name: 3001, Inc.
29° 21' 32.66"	89° 32' 01.42"	meters	Operator Full Name: [illegible]
Observation Session Times (UTC): Sched. Start ______ Stop ______ Actual Start 17:10 Stop 18:11	Epoch Interval= 15 Seconds Elevation Mask = 13 Degrees	NAVD88 Orthometric Ht. meters GEOID99 Geoid Height meters	Phone #: (703) 574-2336 e-mail address:

Receiver Brand & Model:	Antenna Code*, Brand & Model:		
Trimble 4000SE	Trimble Comp 4/22 w/ 940 Plane	Antenna plumb before session? (Y) N)	Circle Yes or No -If no, explain
P/N: 21000-31	P/N: 22020-00	Antenna plumb after session? (Y) N)	
S/N: 3403A04927	S/N: 0220024415	Antenna oriented to true North? (Y) N)	
Firmware Version: 7.29	Cable Length, meters: 9.35 m	Weather observed at antenna ht. (Y) N)	
☐ CamCorder Battery, ☑ 12V DC, ☐ 110V AC, ☐ Other	Vehicle is Parked 20 meters E (direction) from antenna.	Antenna ground plane used? (Y) N)	
		Antenna radome used? (Y /(N))	If yes, describe. Use Vis. form
		Eccentric occupation (>0.5 mm)? (Y /(N))	
		Any obstructions above 10°? (Y)N)	
		Radio interference source nearby (Y /(N))	

Tripod or Antenna Mount: Check one:
☑ Fixed-Leg Tripod, ☐ Collapsible-leg tripod ☐ Fixed Mount
Brand & Model: Seco
P/N: 5115-00-Fly
S/N:
Last Adjustment date: 02 Feb. 2006

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)	0.063	0.206	0.063	0.206
H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)	2.063	6.768	2.063	6.768

Meters = Feet x (0.3048)
Height Entered Into Receiver = 2.000 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	01011								
Middle									
After	01000								

Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc:
TBm 118 is a 1/2" Iron Rod Flush in ground on the South side of Hwy 11 in Buras, LA., 4 ft. South of the South Edge of Concrete sidewalk, ± 55' West of a Power Pole w/ orange and yellow flagging around Pole, ± 24' West of the West Edge of Concrete drive leading to Abandoned metal Bldg.

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): 01190331.DAT
(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, over15 mph (24km/h)

Examples: 00000 = No problem, good visibility, normal temp, clear, calm wind 12121 = Problems, poor visibility, hot, overcast, moderate wind

GPS STATION OBSERVATION LOG
April 16, 2003

Station Designation: (check applicable: __ FBN __ CBN __ PAC __ SAC __ BM) TBM 115		Station PID, if any:	Date (UTC): 20060202
General Location: Buras, LA / Plaquemines Parish	Airport ID, if any:	Station 4-Character ID: 0115	Day of Year: 033
Project Name: IPET 6	Project Number: GPS-Week 1360	Station Serial # (SSN):	Session ID:(A,B,C etc) 1

NAD83 Latitude: 29° 20' 22.78"	NAD83 Longitude: 89° 29' 45.41"	NAD83 Ellipsoidal Height: meters NAVD88 Orthometric Ht.: meters GEOID99 Geoid Height: meters	Agency Full Name: 3001, Inc. Operator Full Name: Maurice Hanano Phone #: (703) 574-2336 e-mail address:
Observation Session Times (UTC): Sched. Start _____ Stop _____ Actual Start 18:28 Stop 19:29	Epoch Interval= 15 Seconds Elevation Mask = 13 Degrees		

Receiver Brand & Model: TRIMBLE 4000SE
P/N: 21000-31
S/N: 3403A04927
Firmware Version: 7.29
☐ CamCorder Battery, ☑ 12V DC, ☐ 110V AC, ☐ Other

Antenna Code*, Brand & Model: TRIMBLE Compact w/GP Plane
P/N: 22020-00
S/N: 02200244415
Cable Length, meters: 9.35m
Vehicle is Parked 20 meters S (direction) from antenna.

		Circle
Antenna plumb before session?	(Y) N)	Yes or No
Antenna plumb after session?	(Y) N)	-If no,
Antenna oriented to true North?	(Y) N)	explain
Weather observed at antenna ht.	(Y) N)	"
Antenna ground plane used?	(Y) N)	"
Antenna radome used?	(Y) (N)	If yes,
Eccentric occupation (>0.5 mm)?	(Y) (N)	describe.
Any obstructions above 10°?	(Y) N)	Use
Radio interference source nearby	(Y) (N)	Vis. form

Tripod or Antenna Mount: Check one:
☑ Fixed-Leg Tripod, ☐ Collapsible-leg tripod ☐ Fixed Mount
Brand & Model: Seco
P/N: 5115-00-Fly
S/N:
Last Adjustment date: 02 FEB. 2006

Psychrometer (if used) Brand & Model:
P/N:
S/N:
Last Calibration or check Date:

** ANTENNA HEIGHT **

	Before Session Begins: Meters	Before Session Begins: Feet	After Session Ends: Meters	After Session Ends: 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)	0.063	0.206	0.063	0.206
H= Antenna Height **= A + B** = Datum Point to Antenna Reference Point (ARP)	2.063	6.768	2.063	6.768

Meters = Feet x (0.3048) Note &/or sketch **ANY** unusual conditions.
Height Entered Into Receiver = 2.000 meters. 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	Dry-Bulb Temp Celsius	WetBulb Temp Fahrenheit	WetBulb Temp Celsius	Rel. % Humidity	Atm. Pressure inches Hg	Atm. Pressure millibar
Before	01000								
Middle									
After	01000								

Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc:
TBM 115 is a 5/8" Iron Rod set Flush in ground on the South side of Hwy 11 @ junction of Hwy 11 and Orangewood Dr. and on the EAST edge of Concrete (rd) Orangewood Dr. ± 50' South of C/L of Hwy 11.

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): 0115 0331. DAT
(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, over15 mph (24km/h)

Examples: 00000 = No problem, good visibility, normal temp, clear, calm wind 12121 = Problems, poor visibility, hot, overcast, moderate wind

GPS STATION OBSERVATION LOG
April 16, 2003

Field	Entry
Station Designation: (check applicable:__ FBN__ CBN__ PAC__ SAC __BM)	TBm 114
Station PID, if any:	N/A
Date (UTC):	033
General Location:	N/E Side OF Hwy 23 plAquemines
Airport ID, if any:	PArish
Station 4-Character ID:	0114
Day of Year:	Feb 02, 2006
Project Name:	IPET TO 6
Project Number:	GPS-
Station Serial # (SSN):	N/A
Session ID:(A,B,C etc)	1

NAD83 Latitude	NAD83 Longitude	NAD83 Ellipsoidal Height meters	Agency Full Name: 3001, INC
29° 20' 10.23" N	089° 24' 26.07" W	NAVD88 Orthometric Ht. meters	Operator Full Name: VERRON MCNeal
Observation Session Times (UTC): Sched. Start ___ Stop 19:45	Epoch Interval= 15 Seconds	GEOID99 Geoid Height meters	Phone #: ( )
Actual Start 18:44 Stop ______	Elevation Mask = 13 Degrees		e-mail address:

Receiver Brand & Model: Trimble 4000SST
P/N: 29840-11
S/N: 3608A14652
Firmware Version:
☐ CamCorder Battery, ☒ 12V DC, ☐ 110V AC, ☐ Other

Antenna Code*, Brand & Model: Trimble Comp L1/L2 w/grd PlAne
P/N: 22020-00
S/N: 0220050496
Cable Length, meters:
Vehicle is Parked 20 meters S/E (direction) from antenna.

Question	Answer	
Antenna plumb before session?	(Y / N) — Y circled	Circle Yes or No -If no, explain
Antenna plumb after session?	(Y / N) — Y circled	
Antenna oriented to true North?	(Y / N) — Y circled	
Weather observed at antenna ht.	(Y / N) — Y circled	
Antenna ground plane used?	(Y / N) — Y circled	
Antenna radome used?	(Y / N) — N circled	If yes, describe. Use Vis. form
Eccentric occupation (>0.5 mm)?	(Y / N) — N circled	
Any obstructions above 10°?	(Y / N) — N circled	
Radio interference source nearby	(Y / N) — N circled	

Tripod or Antenna Mount: Check one:
☒ Fixed-Leg Tripod, ☐ Collapsible-leg tripod ☐ Fixed Mount
Brand & Model: Seco
P/N: 5115-00-Yel
S/N:
Last Adjustment date:

Psychrometer (if used) Brand & Model:
P/N:
S/N: N/A
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		2.000	
B=Additional offset to ARP if any (Tribrach/Spacer)	0.063		0.063	
H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)	2.063		2.063	

Meters = Feet x (0.3048) Note &/or sketch **ANY** unusual conditions.
Height Entered Into Receiver = 2.000 UNCorr meters. Be **Very Explicit** as to where and how Measured!

Barometer (if used) Brand & Model:
S/N: N/A

Weather Data	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit	Celsius	WetBulb Temp Fahrenheit	Celsius	Rel. % Humidity	Atm. Pressure inches Hg	millibar
Before	02000								
Middle									
After	02000								

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): 01140331.DAT
(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, over15 mph (24km/h)

Examples: 00000 = No problem, good visibility, normal temp, clear, calm wind 12121 = Problems, poor visibility, hot, overcast, moderate wind

GPS STATION OBSERVATION LOG
April 16, 2003

Station Designation: (check applicable: __ FBN __ CBN __ PAC __ SAC __ BM) CAIBM 117		Station PID, if any: N/A	Date (UTC): 033
General Location: Plaquemines Parish, LA	Airport ID, if any:	Station 4-Character ID: 0117	Day of Year: Feb 02, 2006
Project Name: IPET TO 6	Project Number: GPS-	Station Serial # (SSN): N/A	Session ID:(A,B,C etc) 1

NAD83 Latitude: 29° 21' 12.50" N	NAD83 Longitude: 089° 31' 34.06" W	NAD83 Ellipsoidal Height: meters NAVD88 Orthometric Ht.: meters GEOID99 Geoid Height: meters
Observation Session Times (UTC): Sched. Start — Stop 18:18 Actual Start 17:17 Stop 18:18	Epoch Interval= 15 Seconds Elevation Mask = 13 Degrees	Agency Full Name: 3001, INC Operator Full Name: VERON McNeal Phone #: ( ) e-mail address:

Receiver Brand & Model: TRIMBLE 4000SSI
P/N: 24840-11
S/N: 3608A14652
Firmware Version:
☐ CamCorder Battery, ☑ 12V DC, ☐ 110V AC, ☐ Other

Antenna Code*, Brand & Model: Trimble comp L1L2 w/grd PLANE
P/N: 22020-06
S/N: 022005049 6
Cable Length, meters:
Vehicle is Parked 30 meters E (direction) from antenna.

		Circle
Antenna plumb before session?	(Y / N)	
Antenna plumb after session?	(Y / N)	Yes or No
Antenna oriented to true North?	(Y / N)	-If no,
Weather observed at antenna ht.	(Y / N)	explain
Antenna ground plane used?	(Y / N)	"
Antenna radome used?	(Y (N)	If yes,
Eccentric occupation (>0.5 mm)?	(Y (N)	describe.
Any obstructions above 10°?	(Y (N)	Use
Radio interference source nearby	(Y (N)	Vis. form

Tripod or Antenna Mount: Check one:
☑ Fixed-Leg Tripod, ☐ Collapsible-leg tripod ☐ Fixed Mount
Brand & Model: SECO
P/N: 5115-00-YEL
S/N:
Last Adjustment date: 02-02-06

Psychrometer (if used) Brand & Model:
P/N: N/A
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		2.000	
B= Additional offset to ARP if any (Tribrach/Spacer)	0.063		0.063	
H= Antenna Height **= A + B** = Datum Point to Antenna Reference Point (ARP)	2.063		2.063	

Meters = Feet x (0.3048) UNCal
Height Entered Into Receiver = 2.000 meters.
Note &/or sketch **ANY** unusual conditions. Be **Very Explicit** as to where and how Measured!

Barometer (if used) Brand & Model:
S/N: N/A

Weather Data	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit	Dry-Bulb Temp Celsius	WetBulb Temp Fahrenheit	WetBulb Temp Celsius	Rel. % Humidity	Atm. Pressure inches Hg	Atm. Pressure millibar
Before	01010								
Middle									
After									

Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc:
Point is A GOD Nail w/Plastic cap set Flush w/grd on the S/W side of Hwy 11 Across From Buras High School

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): 0117 0331.DAT
(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, over15 mph (24km/h)

Examples: 00000 = No problem, good visibility, normal temp, clear, calm wind 12121 = Problems, poor visibility, hot, overcast, moderate wind

GPS STATION OBSERVATION LOG
April 16, 2003

Station Designation: (check applicable: __ FBN __ CBN __ PAC __ SAC __ BM) TBM 119		Station PID, if any: N/A	Date (UTC): 033
General Location: BOKAS middle school	Airport ID, if any:	Station 4-Character ID: 0119	Day of Year: Feb 02, 2006
Project Name: IPET TO 6	Project Number: GPS-	Station Serial # (SSN): N/A	Session ID: (A,B,C etc) 1

NAD83 Latitude: 29° 22' 05.21" N	NAD83 Longitude: 089° 34' 10.03" W	NAD83 Ellipsoidal Height: meters NAVD88 Orthometric Ht.: meters GEOID99 Geoid Height: meters	Agency Full Name: 3001, INC Operator Full Name: VERNON E. McNEAL Phone #: ( ) e-mail address:
Observation Session Times (UTC): Sched. Start ____ Stop 21:40 Actual Start 20:39 Stop 21:40	Epoch Interval= 15 Seconds Elevation Mask = 13 Degrees		

Receiver Brand & Model: Trimble 4000 SSI
P/N: 24840-11
S/N: 36088-A14652
Firmware Version:
☐ CamCorder Battery, ☑ 12V DC, ☐ 110V AC, ☐ Other

Antenna Code*, Brand & Model: Trimble Comp L1/L2 w/grd plane
P/N: 22020-00
S/N: 0220050496
Cable Length, meters:
Vehicle is Parked 30 meters W (direction) from antenna.

		Circle Yes or No -If no, explain "
Antenna plumb before session?	(Y / N)	
Antenna plumb after session?	(Y / N)	
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. Use Vis. form
Eccentric occupation (>0.5 mm)?	(Y / N)	
Any obstructions above 10°?	(Y / N)	
Radio interference source nearby	(Y / N)	

Tripod or Antenna Mount: Check one:
☒ Fixed-Leg Tripod, ☐ Collapsible-leg tripod ☐ Fixed Mount
Brand & Model: SECO
P/N: 5115-00-YEL
S/N:
Last Adjustment date: 02/02/06

Psychrometer (if used) Brand & Model:
P/N: N/A
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		2.000	
B= Additional offset to ARP if any (Tribrach/Spacer)	0.063		0.063	
H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)	2.063		2.063	

Meters = Feet x (0.3048) 2.000 UNOF Note &/or sketch **ANY** unusual conditions.
Height Entered Into Receiver = ____ meters. Be **Very Explicit** as to where and how Measured!

Barometer (if used) Brand & Model:
S/N: N/A

Weather Data	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit	Dry-Bulb Temp Celsius	WetBulb Temp Fahrenheit	WetBulb Temp Celsius	Rel. % Humidity	Atm. Pressure inches Hg	Atm. Pressure millibar
Before	00000								
Middle									
After									

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): 0119 0331.DAT
(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, over15 mph (24km/h)

Examples: 00000 = No problem, good visibility, normal temp, clear, calm wind 12121 = Problems, poor visibility, hot, overcast, moderate wind

GPS STATION OBSERVATION LOG
April 16, 2003

Station Designation: (check applicable: __ FBN __ CBN __ PAC __ SAC __ BM) LATBM121		Station PID, if any: N/A	Date (UTC): 033
General Location: JOHNSON OUTBOARD PLAQUEMINES PARRISH, LA	Airport ID, if any:	Station 4-Character ID: 0121	Day of Year: Feb 02, 2006
Project Name: IPET TO 6	Project Number: GPS-	Station Serial # (SSN): N/A	Session ID:(A,B,C etc) 1

NAD83 Latitude: 29° 26' 55.03"N	NAD83 Longitude: 089° 37' 41.84"W	NAD83 Ellipsoidal Height: meters NAVD88 Orthometric Ht.: meters GEOID99 Geoid Height: meters	Agency Full Name: 3001, INC Operator Full Name: VERON MCNEAL Phone #: ( ) e-mail address:
Observation Session Times (UTC): Sched. Start — Stop 16:42 Actual Start 15:41 Stop 16:42	Epoch Interval= 15 Seconds Elevation Mask = 13 Degrees		

Receiver Brand & Model: Trimble 4000 SSI
P/N: 24840-11
S/N: 3608A14652
Firmware Version:
☐ CamCorder Battery, ☒ 12V DC, ☐ 110V AC, ☐ Other

Antenna Code*, Brand & Model: TRIMBLE COMP. L1/L2 W/GP
P/N: 22020-00
S/N: 02200 50496
Cable Length, meters: 5.15
Vehicle is Parked 20 meters S (direction) from antenna.

		Circle Yes or No -If no, explain "
Antenna plumb before session?	(Y / N)	
Antenna plumb after session?	(Y / N)	
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. Use Vis. form
Eccentric occupation (>0.5 mm)?	(Y / N)	
Any obstructions above 10°?	(Y / N)	
Radio interference source nearby	(Y / N)	

Tripod or Antenna Mount: Check one:
☒ Fixed-Leg Tripod, ☐ Collapsible-leg tripod ☐ Fixed Mount
Brand & Model: SECO
P/N: ~~SAME~~ 5113-004EL
S/N:
Last Adjustment date: 02-02-06

Psychrometer (if used) Brand & Model: N/A
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		2.000	
B=Additional offset to ARP if any (Tribrach/Spacer)	0.063		0.063	
H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)	2.063		2.063	

Meters = Feet x (0.3048) UNCORR. Note &/or sketch **ANY** unusual conditions.
Height Entered Into Receiver = 2.000 meters. Be **Very Explicit** as to where and how Measured!

Barometer (if used) Brand & Model: N/A
S/N:

Weather Data	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit	Dry-Bulb Temp Celsius	WetBulb Temp Fahrenheit	WetBulb Temp Celsius	Rel. % Humidity	Atm. Pressure inches Hg	Atm. Pressure millibar
Before	01010								
Middle	01010								
After	01010								

Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc:
POINT IS A 60D NAIL W/PLASTIC CAP SET FLUSH W/GRD ON THE NTO NIE SIDE OF LA HWY 23 IN PLAQUEMINES PARRISH.

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): 01210332.DAT
(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, over15 mph (24km/h)
Examples:	00000 = No problem, good visibility, normal temp, clear, calm wind			12121 = Problems, poor visibility, hot, overcast, moderate wind		

GPS STATION OBSERVATION LOG
April 16, 2003

Station Designation: (check applicable: __ FBN __ CBN __ PAC __ SAC __ BM) N367 (BASE)		Station PID, if any: AT0731	Date (UTC): 2-JAN-06
General Location: Ft. JACKSON, LA.	Airport ID, if any:	Station 4-Character ID: N367	Day of Year: 033
Project Name: IPET 6 - HURM's COW PLAG.	Project Number: GPS-	Station Serial # (SSN):	Session ID:(A,B,C etc) 1

NAD83 Latitude ° ' "	NAD83 Longitude ° ' "	NAD83 Ellipsoidal Height meters NAVD88 Orthometric Ht. meters GEOID99 Geoid Height meters	Agency Full Name: 3001, Inc. Operator Full Name: John Pursent Phone #: ( ) e-mail address:

Observation Session Times (UTC):
Sched. Start _____ Stop _____
Actual Start 15:11 Stop 21:57

Epoch Interval= 15 Seconds
Elevation Mask = 15 Degrees

Receiver Brand & Model: Trimble 4000 SSE
P/N:
S/N: 4302
Firmware Version:
☐ CamCorder Battery, ☑ 12V DC, ☐ 110V AC, ☐ Other

Antenna Code*, Brand & Model: Compact L1/L2 w/gr. Plane
P/N:
S/N: 10015
Cable Length, meters:
Vehicle is Parked ___ meters ___ (direction) from antenna.

Antenna plumb before session?	(Y / N)	Circle Yes or No -If no, explain "
Antenna plumb after session?	(Y / N)	
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. Use Vis. form
Eccentric occupation (>0.5 mm)?	(Y / N)	
Any obstructions above 10°?	(Y / N)	
Radio interference source nearby	(Y / N)	

Tripod or Antenna Mount: Check one:
☑ Fixed-Leg Tripod, ☐ Collapsible-leg tripod ☐ Fixed Mount
Brand & Model:
P/N:
S/N: SECO
Last Adjustment date:

Psychrometer (if used) Brand & Model:
P/N:
S/N:
Last Calibration or check Date:

**** ANTENNA HEIGHT ****

	Before Session Begins: Meters	Before Session Begins: Feet	After Session Ends: Meters	After Session Ends: 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)	0.063	0.207	0.063	0.207
H= Antenna Height **= A + B** = Datum Point to Antenna Reference Point (ARP)	2.063	6.769	2.063	6.769

Meters = Feet x (0.3048)
Height Entered Into Receiver = 2.000 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	Dry-Bulb Temp Celsius	WetBulb Temp Fahrenheit	WetBulb Temp Celsius	Rel. % Humidity	Atm. Pressure inches Hg	Atm. Pressure millibar
Before									
Middle									
After									

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): N3670331.dat
(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, over15 mph (24km/h)

Examples: 00000 = No problem, good visibility, normal temp, clear, calm wind 12121 = Problems, poor visibility, hot, overcast, moderate wind

GPS STATION OBSERVATION LOG
April 16, 2003

Station Designation: (check applicable: __ FBN __ CBN __ PAC __ SAC __ BM) L 370 (BASE)		Station PID, if any: AT0733	Date (UTC): 2-JAN-06
General Location: Venice, La.	Airport ID, if any:	Station 4-Character ID: L370	Day of Year: 033
Project Name: IPET6 - HWM's - Low Plag.	Project Number: GPS-	Station Serial # (SSN):	Session ID:(A,B,C etc) 1

NAD83 Latitude ° ' "	NAD83 Longitude ° ' "	NAD83 Ellipsoidal Height meters NAVD88 Orthometric Ht. meters GEOID99 Geoid Height meters	Agency Full Name: 3001, Inc. Operator Full Name: John Purpera Phone #: ( ) e-mail address:

Observation Session Times (UTC):
Sched. Start _____ Stop _____
Actual Start 15:43 Stop 21:40
Epoch Interval= 15 Seconds
Elevation Mask = 15 Degrees

Receiver Brand & Model: Trimble 4000 SE P/N: S/N: 4570 Firmware Version: ☐ CamCorder Battery, ☐ 12V DC, ☐ 110V AC, ☐ Other	Antenna Code*, Brand & Model: Compact L1/L2 w/gr. Plane P/N: S/N: 50907 Cable Length, meters: Vehicle is Parked ___ meters ___ (direction) from antenna.	Antenna plumb before session? (Y / N) Circle Antenna plumb after session? (Y / N) Yes or No Antenna oriented to true North? (Y / N) -If no, Weather observed at antenna ht. (Y / N) explain Antenna ground plane used? (Y / N) " Antenna radome used? (Y / N) If yes, Eccentric occupation (>0.5 mm)? (Y / N) describe. Any obstructions above 10°? (Y / N) Use Radio interference source nearby (Y / N) Vis. form

Tripod or Antenna Mount: Check one:
☐ Fixed-Leg Tripod, ☐ Collapsible-leg tripod ☐ Fixed Mount
Brand & Model:
P/N:
S/N:
Last Adjustment date:

Psychrometer (if used) Brand & Model:
P/N:
S/N:
Last Calibration or check Date:

**** ANTENNA HEIGHT ****

	Before Session Begins: Meters	Before Session Begins: Feet	After Session Ends: Meters	After Session Ends: 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)	0.063	0.207	0.063	0.207
H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)	2.063	6.769	2.063	6.769

Meters = Feet x (0.3048)
Height Entered Into Receiver = 2.000 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	Dry-Bulb Temp Celsius	WetBulb Temp Fahrenheit	WetBulb Temp Celsius	Rel. % Humidity	Atm. Pressure inches Hg	Atm. Pressure millibar
Before									
Middle									
After									

Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc:
1/2" Rebar on North side of McDermoth Rd. Across Rd. From Mi SWACO Bldg. on the West side of gravel Rd. Crossing N.E.

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): L3700331.dat
(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:

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Examples: 00000 = No problem, good visibility, normal temp, clear, calm wind 12121 = Problems, poor visibility, hot, overcast, moderate wind