GPS STATION OBSERVATION LOG April 16, 2003

Station Designation: (check applicable: __ FBN __ CBN __ PAC __ SAC __ BM) R194 (LA HT-Mod)		Station PID, if any: AT0376 ~~AT8877~~	Date (UTC): 06 FEB. 2006
General Location: PHOENIX, LA / Plaquemines Parish	Airport ID, if any:	Station 4-Character ID: R194	Day of Year: 037
Project Name: IPET6	Project Number: GPS-Week 1361	Station Serial # (SSN):	Session ID:(A,B,C etc) 1

NAD83 Latitude: 29° 43' 46.4136"	NAD83 Longitude: 89° 59' 17.1519"	NAD83 Ellipsoidal Height: -23.92 meters NAVD88 Orthometric Ht.: 1.39 meters GEOID99 Geoid Height: -25.32 meters	Agency Full Name: 3001, INC Operator Full Name: Maurice Hawkins Phone #: (703) 574-2336 e-mail address:
Observation Session Times (UTC): Sched. Start _____ Stop _____ Actual Start 14:17 Stop 20:31	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 Comp. L1/L2 w/ GEO Phase P/N: 22020-00 S/N: 02200244115 Cable Length, meters: 9.35 Vehicle is Parked 20 meters E (direction) from antenna.	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) Eccentric occupation (>0.5 mm)? (Y / N) Any obstructions above 10°? (Y) N) Radio interference source nearby (Y / N) Circle Yes or No -If no, explain " If yes, describe. Use Vis. form

Tripod or Antenna Mount: Check one:
☑ Fixed-Leg Tripod, ☐ Collapsible-leg tripod ☐ Fixed Mount
Brand & Model: Seco
P/N: 5115-00-YEC
S/N:
Last Adjustment date: 06 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)
Height Entered Into Receiver = 2.063 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	01010								
Middle									
After	01011								

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): R1940371.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 278		Station PID, if any: AI0332	Date (UTC): Feb 06, 2006
General Location: South of Goodwill Dr Road	Airport ID, if any: St. Bernard Parrish	Station 4-Character ID: L278	Day of Year: 037
Project Name: IPET To 6	Project Number: GPS-	Station Serial # (SSN): N/A	Session ID:(A,B,C etc) 1

NAD83 Latitude: 29° 52' 34.1715"N	NAD83 Longitude: 089° 53' 45.385"W	NAD83 Ellipsoidal Height: -23.69 meters NAVD88 Orthometric Ht.: 2.11 meters GEOID99 Geoid Height: -25.80 meters	Agency Full Name: 3001, INC Operator Full Name: VERLON McNeal Phone #: ( ) e-mail address:
Observation Session Times (UTC): Sched. Start ~ Stop ~ Actual Start 14:01 Stop 20:47	Epoch Interval=15 Seconds Elevation Mask = 13 Degrees		

Receiver Brand & Model: Trimble 4000 P/N: 2100-31 S/N: 3324A03158 Firmware Version: ☐ CamCorder Battery, ☒ 12V DC, ☐ 110V AC, ☐ Other	Antenna Code*, Brand & Model: Trimble Comp L1/L2 w/grd plane P/N: 22020-00 10018 S/N: 02200[redacted] Cable Length, meters: 5.15 m Vehicle is Parked N/A 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: SECO
P/N:
S/N: 5115-00701
Last Adjustment date: 02-06-06

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)
Height Entered Into Receiver = 2.000 UNCOR 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	00010								
Middle									
After	00010								

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): L2780371.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) SCAR = TBM SCARSDALE		Station PID, if any: —	Date (UTC): ~~Feb~~ 06 ~~03~~ 2006
General Location: PUMPSTATION END OF SCARSDALE ROAD	Airport ID, if any:	Station 4-Character ID: SCAR	Day of Year: ~~Feb~~ 037
Project Name: IPET TOG	Project Number: GPS-Week 1361	Station Serial # (SSN): N/A	Session ID:(A,B,C etc) 1

NAD83 Latitude: 29° 49' 56.89" N	NAD83 Longitude: 089° 57' 35.10" W	NAD83 Ellipsoidal Height: meters NAVD88 Orthometric Ht.: meters GEOID99 Geoid Height: meters	Agency Full Name: 3001 INC Operator Full Name: VERRON McNeal Phone #: ( ) e-mail address:
Observation Session Times (UTC): Sched. Start — Stop 16:42 Actual Start 14:41 Stop 16:42	Epoch Interval= 15 Seconds Elevation Mask = 13 Degrees		

Receiver Brand & Model: TRIMBLE ~~CEMP~~ 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/GRD PLANE P/N: 22020-00 S/N: 022005049G Cable Length, meters: Vehicle is Parked 30 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: SECO
P/N:
S/N: 5115-00-yel
Last Adjustment date: 02-06-06

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)	2.060		2.060	
B= Additional offset to ARP if any (Tribrach/Spacer)	0.003		0.003	
H= Antenna Height **= A + B** = Datum Point to Antenna Reference Point (ARP)	2.063		2.063	

Meters = Feet x (0.3048)
Height Entered Into Receiver = 2.000 UNCORR 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	00010								
Middle									
After	00010								

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): SCAR0371.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) SCAR = TBM SCARSDALE		Station PID, if any: N/A	Date (UTC): Feb 06 2006
General Location: Pump Station END OF SEASIDALE ROAD	Airport ID, if any:	Station 4-Character ID: SCAR	Day of Year: 037
Project Name: IPET TO 6	Project Number: GPS-	Station Serial # (SSN): N/A	Session ID:(A,B,C etc) 2

NAD83 Latitude: 29° 49' 56.89"N	NAD83 Longitude: 089° 57' 35.10"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 18:30 Stop 20:31 Actual Start 18:30 Stop 20:31	Epoch Interval=15 Seconds Elevation Mask = 13 Degrees		

Receiver Brand & Model: Trimble 4000 SSI P/N: 24840-11 S/N: 3608A24652 Firmware Version: ☐ CamCorder Battery, ☒ 12V DC, ☐ 110V AC, ☐ Other	Antenna Code*, Brand & Model: Trimble compact L2/L2 w/grd plane P/N: 22020-00 S/N: 0220050496 Cable Length, meters: Vehicle is Parked 30 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: SECO
P/N:
S/N: 5115-00-yel
Last Adjustment date: 02-06-06

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) WCOF
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	00010								
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): SCAR0372.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		