GPS STATION OBSERVATION LOG April 16, 2003

Station Designation: (check applicable: __ FBN __ CBN __ PAC __ SAC __ BM) S188		Station PID, if any: AA0520	Date (UTC): 12-16-2005
General Location: JEFFERSON Hwy.	Airport ID, if any:	Station 4-Character ID: S188	Day of Year: 350
Project Name: IPET-TOC - SOWS Phase 2/3	Project Number: GPS-	Station Serial # (SSN):	Session ID:(A,B,C etc) 1

NAD83 Latitude: 29° 58' 00.36"	NAD83 Longitude: 090° 13' 45.34"	NAD83 Ellipsoidal Height: meters NAVD88 Orthometric Ht.: meters GEOID99 Geoid Height: meters	Agency Full Name: 3001 INC Operator Full Name: DAN Parker Phone #: ( ) MIKE DIAL e-mail address:
Observation Session Times (UTC): Sched. Start _____ Stop _____ Actual Start 12:58 Stop 21:45	Epoch Interval= 15 Seconds Elevation Mask = 15 Degrees		

Receiver Brand & Model: TRIMBLE 4000 SE P/N: S/N: 4300 Firmware Version: ☐ CamCorder Battery, ☒ 12V DC, ☐ 110V AC, ☐ Other	Antenna Code*, Brand & Model: Compact L1/L2 w/ GP. Plane P/N: S/N: 10011 Cable Length, meters: Vehicle is Parked _____ meters _____(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:
S/N:
Last Adjustment date: 12/12/05

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

**** 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)	.063		.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 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									
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): S1883501.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) AICO VTOP Model		Station PID, if any: BS1342	Date (UTC): 12-16-05
General Location: Old Coast Guard station	Airport ID, if any: Orleans Parish	Station 4-Character ID: AICO	Day of Year: 350
Project Name: IDET-T06 - SOW Phase 2/3	Project Number: GPS-	Station Serial # (SSN): —	Session ID:(A,B,C etc) 1

NAD83 Latitude: 30° 01' 36.5229"	NAD83 Longitude: 90° 06' 46.2405"	NAD83 Ellipsoidal Height: meters NAVD88 Orthometric Ht.: meters GEOID99 Geoid Height: meters	Agency Full Name: 3001, Inc Operator Full Name: John Pugsley Phone #: ( ) e-mail address:
Observation Session Times (UTC): Sched. Start ____ Stop ____ Actual Start 12:41 Stop 21:57	Epoch Interval= 15 Seconds Elevation Mask = 15 Degrees		

Receiver Brand & Model: Trimble 4000 P/N: S/N: ~~4305~~ 4570 Firmware Version: ☐ CamCorder Battery, ☐ 12V DC, ☐ 110V AC, ☐ Other	Antenna Code*, Brand & Model: Compact L1/L2 w/ G.P. 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: SECO
P/N:
S/N:
Last Adjustment date: 12/12/05

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)
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									
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): ~~AI03501~~ AICO3501.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) PUMP		Station PID, if any: AU3337	Date (UTC): 12-16-05
General Location: ORLEANS PARISH, LA	Airport ID, if any:	Station 4-Character ID: PUMP	Day of Year: 350
Project Name: IPET-TABKORDER 6	Project Number: GPS-	Station Serial # (SSN): N/A	Session ID:(A,B,C etc) Z

NAD83 Latitude: 29° 58' 45.89"N	NAD83 Longitude: 090° 01' 12.98"W	NAD83 Ellipsoidal Height: -21.78 meters	Agency Full Name: 3001, INC
Observation Session Times (UTC): Sched. Start ___ Stop ___ Actual Start 14:24 Stop 22:45	Epoch Interval=15 Seconds; Elevation Mask = 15 Degrees	NAVD88 Orthometric Ht. 4.445 meters; GEOID99 Geoid Height -26.13 meters	Operator Full Name: VERNON MCNEAL; Phone #: ( ); e-mail address:

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

Antenna Code*, Brand & Model: TRIMBLE COMP. L1L2 W/GRD PLANE
P/N: 22020-00
S/N: 02200 29415
Cable Length, meters: 15 m
Vehicle is Parked 20 meters N (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:
P/N:
S/N: SECO
Last Adjustment date: 12-16-05

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)	2.000M			
B= Additional offset to ARP if any (Tribrach/Spacer)	0.063M			
H= Antenna Height **= A + B** = Datum Point to Antenna Reference Point (ARP)	2.063M			

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: 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									
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): PUMP3501.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) **OPO7**		Station PID, if any:	Date (UTC): 12-16-05
General Location: Orleans Parish, Pump Station #7	Airport ID, if any:	Station 4-Character ID: OPO7	Day of Year: 350
Project Name: IPET-T06-SOW-Phase 2/3	Project Number: GPS-	Station Serial # (SSN):	Session ID:(A,B,C etc) 1

NAD83 Latitude: 29 ° 59 ' 39.58 "	NAD83 Longitude: 90 ° 06 ' 01.02 "	NAD83 Ellipsoidal Height ____ meters NAVD88 Orthometric Ht. ____ meters GEOID99 Geoid Height ____ meters	Agency Full Name: 3001 Inc Operator Full Name: Ramsow Webb Phone #: ( ) e-mail address:
Observation Session Times (UTC): Sched. Start ____ Stop ____ Actual Start 21:43 Stop 22:44	Epoch Interval=____ Seconds Elevation Mask = ____ Degrees		

Receiver Brand & Model: Trimble 4000 SE P/N: 21000-31 S/N: 3343 A04302 Firmware Version: ☐ CamCorder Battery, ☐ 12V DC, ☐ 110V AC, ☐ Other	Antenna Code*, Brand & Model: P/N: 22020-00 S/N: 02200+011+10011 Cable Length, meters: Vehicle is Parked 50 meters N (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:
S/N:
Last Adjustment date: 12/12/05

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)	.063		.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 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									
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): OPO73501.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) 5544 (TBM)		Station PID, if any: —	Date (UTC): 12-16-05
General Location: Orleans Parish 5544 St. Ferdinand St.	Airport ID, if any:	Station 4-Character ID: 5544	Day of Year: 350
Project Name: IPET-706 - SOW PHASE 2/3	Project Number: GPS-	Station Serial # (SSN): —	Session ID:(A,B,C etc) 1

NAD83 Latitude: 30° 00' 58.38"	NAD83 Longitude: 90° 02' 41.33"	NAD83 Ellipsoidal Height: meters NAVD88 Orthometric Ht.: meters GEOID99 Geoid Height: meters
Observation Session Times (UTC): Sched. Start ____ Stop ____ Actual Start 18:34 Stop 19:35	Epoch Interval= 15 Seconds Elevation Mask = 15 Degrees	Agency Full Name: 3001, Inc Operator Full Name: John Pursser 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: Compre G1/L2 w/GP. Plthne P/N: S/N: 10015 Cable Length, meters: Vehicle is Parked 50 meters W (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: 12-12-05

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)
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									
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): 5544350l.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) 6422		Station PID, if any:	Date (UTC): 12-16-05
General Location: Orleans Parish - 6422 Peoples Ave.	Airport ID, if any:	Station 4-Character ID: 6422	Day of Year: 350
Project Name: IPET-TO6 - 50ns Phase 2/3	Project Number: GPS-	Station Serial # (SSN): —	Session ID:(A,B,C etc) 1

NAD83 Latitude: 30 ° 01 ' 31.49 "	NAD83 Longitude: 90 ° 02 ' 51.03 "	NAD83 Ellipsoidal Height: meters NAVD88 Orthometric Ht.: meters GEOID99 Geoid Height: meters	Agency Full Name: 3021, Inc Operator Full Name: John Purpera Phone #: ( ) e-mail address:
Observation Session Times (UTC): Sched. Start _____ Stop _____ Actual Start 17:21 Stop 18:22	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: Compact L1/L2 w/ga Plane P/N: S/N: 10015 Cable Length, meters: Vehicle is Parked 50 meters S (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: 5000
Last Adjustment date: 12-12-05

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)
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: 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									
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): 64223501.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) AP01		Station PID, if any: —	Date (UTC): 12/16/05
General Location: Lake Front Airport	Airport ID, if any:	Station 4-Character ID: AP01	Day of Year: 350
Project Name: IPET-706 - SOW Phase 2/3	Project Number: GPS-	Station Serial # (SSN): —	Session ID:(A,B,C etc) 1

NAD83 Latitude: 30° 02' 05.21"	NAD83 Longitude: 90° 01' 31.25"	NAD83 Ellipsoidal Height: meters	Agency Full Name: 3501
Observation Session Times (UTC): Sched. Start ____ Stop ____ Actual Start 13:53 Stop 15:06	Epoch Interval= 15 Seconds; Elevation Mask = 15 Degrees	NAVD88 Orthometric Ht.: meters; GEOID99 Geoid Height: meters	Operator Full Name: JD Hall Prospect; Phone #: ( ); e-mail address:

Receiver Brand & Model: Trimble 4000 SE P/N: 21020-31 S/N: 3343A04305 Firmware Version: ☐ CamCorder Battery, ☐ 12V DC, ☐ 110V AC, ☐ Other	Antenna Code*, Brand & Model: Compac C1/C2 w/gr. Plane P/N: 22020-00 S/N: 2200 10015 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: SECO
P/N:
S/N:
Last Adjustment date: 12/12/05

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) 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									
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): AP013501.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 N/A

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) BLOU		Station PID, if any:	Date (UTC): 12-16-05
General Location: OP#3	Airport ID, if any:	Station 4-Character ID: BLOU	Day of Year: 350
Project Name: IPET - TOC - SOW Phase 213	Project Number: GPS-	Station Serial # (SSN): ———	Session ID:(A,B,C etc) 0

NAD83 Latitude: 29° 59' 16.95"	NAD83 Longitude: 90° 04' 04.02"	NAD83 Ellipsoidal Height: meters NAVD88 Orthometric Ht.: meters GEOID99 Geoid Height: meters	Agency Full Name: 3001 FNC Operator Full Name: Benton Webb Phone #: ( ) e-mail address:
Observation Session Times (UTC): Sched. Start _____ Stop _____ Actual Start 15:39 Stop 16:39	Epoch Interval= 15 Seconds Elevation Mask = 15 Degrees		

Receiver Brand & Model: Trimble 4000 SE P/N: 21000-31 S/N: 3343A04302 Firmware Version: ☐ CamCorder Battery, ☐ 12V DC, ☐ 110V AC, ☐ Other	Antenna Code*, Brand & Model: Compact C/Cr w gp Plane P/N: 22020-00 S/N: 0220018011 Cable Length, meters: Vehicle is Parked 50 meters W (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:
Last Adjustment date: 12/12/05

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	[illegible]	2.000	
B=Additional offset to ARP if any (Tribrach/Spacer)	.063		.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 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									
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): BLOU350 1.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):
LC05	—	12-16-05
General Location: ~~XX~~	**Airport ID, if any:**	**Station 4-Character ID:** LC05 / **Day of Year:** 350
Project Name: IPET-TOG-SOW-Phase 2/3	**Project Number:** GPS-	**Station Serial # (SSN):** — / **Session ID:(A,B,C etc)** 1

NAD83 Latitude	NAD83 Longitude	NAD83 Ellipsoidal Height	Agency Full Name: 3001 Inc
30° 00' 27.60"	90° 04' 07.42"	meters	Operator Full Name: Brandon Webb
Observation Session Times (UTC): Sched. Start _____ Stop _____	Epoch Interval= 15 Seconds	NAVD88 Orthometric Ht. meters	Phone #: ( )
Actual Start 17:06 Stop 18:08	Elevation Mask = 15 Degrees	GEOID99 Geoid Height meters	e-mail address:

Receiver Brand & Model:	Antenna Code*, Brand & Model:	
Trimble 4000 SE	COMPACT L1/L2 W/GR. PLANE	Antenna plumb before session? (Y / N) Circle
P/N: 21000-37	P/N: 22020-00	Antenna plumb after session? (Y / N) Yes or No
S/N: 3343A04302	S/N: 02200100111	Antenna oriented to true North? (Y / N) -If no,
Firmware Version:	Cable Length, meters:	Weather observed at antenna ht. (Y / N) explain
☐ CamCorder Battery ☐ 12V DC ☐ 110V AC, ☐ Other	Vehicle is Parked 50 meters E (direction) from antenna.	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:
Last Adjustment date: 12/12/05

Psychrometer (if used) Brand & Model:
P/N: NA
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)	.063		.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 = 2.063 meters. Be **Very Explicit** as to where and how Measured!

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

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): LC053501.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):
OP01		12-16-05
General Location:	**Airport ID, if any:**	**Station 4-Character ID:**	**Day of Year:**
Orleans Parish, Pump Stn OP #1		OP01	350
Project Name:	**Project Number: GPS-**	**Station Serial # (SSN):**	**Session ID:(A,B,C etc)**
IPET-T06-SOW Phase 2/3		—	X 1

NAD83 Latitude	NAD83 Longitude	NAD83 Ellipsoidal Height	Agency Full Name:
29 ° 57 ' 05.82 "	90 ° 05 ' 54.25 "	meters	3001 Inc
		NAVD88 Orthometric Ht. meters	Operator Full Name: Brandon Wells
Observation Session Times (UTC): Sched. Start ____ Stop ____	Epoch Interval=15 Seconds	GEOID99 Geoid Height meters	Phone #: ( )
Actual Start 13:03 Stop 14:05	Elevation Mask = 15 Degrees		e-mail address:

Receiver Brand & Model:	Antenna Code*, Brand & Model:	
Trimble 4000 SE	Compact L1/L2 w/GP Plane	Antenna plumb before session? (Y / N) Circle
P/N: 21000-31	P/N: 22020-00	Antenna plumb after session? (Y / N) Yes or No
S/N: 3343A04302	S/N: 02200100011	Antenna oriented to true North? (Y / N) -If no,
Firmware Version:	Cable Length, meters:	Weather observed at antenna ht. (Y / N) explain
☐ CamCorder Battery, ☒ 12V DC, ☐ 110V AC, ☐ Other	Vehicle is Parked ____ meters ____(direction) from antenna.	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:
Last Adjustment date: 12/12/05

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)	.063		.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 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									
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): OP01 3501.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):
OPØ2		12-16-05
General Location:	**Airport ID, if any:**	**Station 4-Character ID:**	**Day of Year:**
Orleans Parish, Pump Sta OP #2		OPØ2	350
Project Name:	**Project Number:** GPS-	**Station Serial # (SSN):**	**Session ID:(A,B,C etc)**
IPET-TO6-SOW Phase 2/3			X1

NAD83 Latitude	NAD83 Longitude	NAD83 Ellipsoidal Height	Agency Full Name:
29° 58' 04.59"	90° 05' 01.10"	meters	3001 Inc
Observation Session Times (UTC): Sched. Start ____ Stop ____	Epoch Interval= 15 Seconds	NAVD88 Orthometric Ht. meters	Operator Full Name: Brandon Webb
Actual Start 14:20 Stop 15:22	Elevation Mask = 15 Degrees	GEOID99 Geoid Height meters	Phone #: ( )
			e-mail address:

Receiver Brand & Model:	Antenna Code*, Brand & Model:		
Trimble 4000 SE	Compac C/Ca w/gr 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: 3343A04302	S/N: 022001001	Antenna oriented to true North? (Y / N)	
Firmware Version:	Cable Length, meters:	Weather observed at antenna ht. (Y / N)	
☐ CamCorder Battery, ☐ 12V DC, ☐ 110V AC, ☐ Other	Vehicle is Parked 50 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:
S/N:
Last Adjustment date: 12/12/05

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		2.060	
B= Additional offset to ARP if any (Tribrach/Spacer)	.063		.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 = 2.063 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									
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): OPØ23501.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) OP04		Station PID, if any:	Date (UTC): 12-16-03
General Location: Orleans Parish, Pump Station # 4	Airport ID, if any:	Station 4-Character ID: OP04	Day of Year: 350
Project Name: IPET - TO6 - SOW - Phase 2/3	Project Number: GPS-	Station Serial # (SSN):	Session ID:(A,B,C etc) 1

NAD83 Latitude: 30° 00' 58.69"	NAD83 Longitude: 90° 04' 10.08"	NAD83 Ellipsoidal Height: meters NAVD88 Orthometric Ht.: meters GEOID99 Geoid Height: meters	Agency Full Name: 3001 Inc Operator Full Name: Brandon Webb Phone #: ( ) e-mail address:
Observation Session Times (UTC): Sched. Start _____ Stop _____ Actual Start 20:11 Stop 21:12	Epoch Interval= 15 Seconds Elevation Mask = 15 Degrees		

Receiver Brand & Model: Trimble 4000SE P/N: 21000-31 S/N: 3343A04302 Firmware Version: ☐ CamCorder Battery ☐ 12V DC ☐ 110V AC, ☐ Other	Antenna Code*, Brand & Model: Compact L1/L2 W/Gd.Plane P/N: 22020-00 S/N: 021001010011 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: SECO
P/N:
S/N:
Last Adjustment date: 12112105

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)	.063		.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 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									
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): OP043501.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) OP17 (TBM)		Station PID, if any: —	Date (UTC): 12-16-05
General Location: Orleans Parish – OP#17 Pump Station	Airport ID, if any:	Station 4-Character ID: OP17	Day of Year: 350
Project Name: IPET - TO6 - SOW PHASE 2/3	Project Number: GPS-	Station Serial # (SSN):	Session ID:(A,B,C etc): 1

NAD83 Latitude: 29° 59' 11.71"	NAD83 Longitude: 90° 02' 42.54"	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 19:45 Stop 20:00 Actual Start 19:48 Stop 19:46	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: Compact L1/L2 w/ GP. Plane P/N: S/N: 10015 Cable Length, meters: Vehicle is Parked 50 meters W (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:
Last Adjustment date: 12-12-05

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)
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: 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									
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): OP173501.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		