	Station Designation: (check applicable: FBN / CBN / PAC / SAC / BM) L278	Station PID, if any: ATO332	Date (UTC): 12-20-05
	General Location: Goodwill DR Road ST BERNARD PARISH, LA	Airport ID, if any:	Station 4-Character ID: L278

Project Name: IPET-106- PHASE 213	Project Number: GPS-	Station Serial # (SSN): NIA	Session ID:(A,B,C etc) 1
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NAD83 Latitude 29° 52' 34.17" N	NAD83 Longitude 089° 53' 45.30" W	NAD83 Ellipsoidal Height -23.69 meters	Agency Full Name: 3001, INC Operator Full Name: VERNON McNEEL Phone #: () e-mail address:
Observation Session Times (UTC): Sched. Start <u> </u> Stop <u> </u>	Epoch Interval= 15 Seconds Elevation Mask = 15 Degrees	NAVD88 Orthometric Ht. 2.11 meters	
Actual Start 13:04 Stop 21:57	GEOID99 Geoid Height -25.80 meters		

GPS Receiver: <i>Trimble</i> Manufacturer & Model: 4000 P/N: 3158 S/N: Firmware Version: • CamCorder Battery, • 12V DC, • 110V AC, • Other	GPS Antenna: <i>Trimble Comp</i> Manufacturer & Model: L21L2 <i>wire plane</i> P/N: 10018 S/N: Cable Length, meters: 10M Vehicle is Parked <u> </u> meters <u> </u> (direction) from antenna.	Antenna plumb before session? <input checked="" type="checkbox"/> (Y/N) Circle Antenna plumb after session? <input checked="" type="checkbox"/> (Y/N) Yes or No Antenna oriented to true North? <input checked="" type="checkbox"/> (Y/N) -If no, explain Weather observed at antenna ht. <input checked="" type="checkbox"/> (Y/N) Antenna ground plane used? <input checked="" type="checkbox"/> (Y/N) " Antenna radome used? <input checked="" type="checkbox"/> (Y/N) If yes, describe. Eccentric occupation (>0.5 mm)? <input checked="" type="checkbox"/> (Y/N) Any obstructions above 10'? <input checked="" type="checkbox"/> (Y/N) Use Radio interference source nearby <input checked="" type="checkbox"/> (Y/N) Vis. form
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Tripod or Ant. Mount: Check one: • Fixed-Height Tripod, • Slip-Leg Tripod, • Fixed Mount Manufacturer & Model: P/N: Seco S/N: Last Calibration date: 12-20-05	** ANTENNA HEIGHT ** (see back of form for measurement illustration)		Before Session Begins: measure and record both Meters AND Feet	After Session Ends: measure and record both Meters AND Feet
	A= Datum point to Top of Tripod (Tripod Height)	2.000		
	B= Additional offset to ARP. If any (Tribrach/Spacer)	0.063		
Tribrach: Check one: • None, • Wild GDF 22, • Topcon, • Other (describe) Last Calibration date: NIA	H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP) 2.063			
Note: Meters = Feet X (0.3048) Height Entered Into Receiver = 2.000 meters. Please note &/or sketch ANY unusual conditions. Be Very Explicit as to where and how Measured!				

Barometer: Manufacturer & Model: P/N: S/N: NIA Last Calibration or check Date:	Weather DATA	Time (UTC)	Dry-Bulb Temp		WetBulb Temp		Rel. % Humidity	Atm. Pressure	Weather Codes *
			Fahrenheit	Celsius	Fahrenheit	Celsius		inches Hg millibar	
	Before								
	Middle								
	After								
Psychrometer: Manufacturer & Model: S/N: NIA	Average of Readings								* See back of form for codes

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

Note: Entries are Required in all Unshaded areas.

Data File Name(s): L2783542.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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Station Pencil Rubbing Form

Location / Airport Name and ID Goodwill DR ROAD - St. Bernard Parish, LA Project IPET-T06-PHASE 2/3

Station Designation L 278 PID ATA332 Date 12-19-05

Circle all applicable: PACS SACS BM FBN CBN OTHER _____ Observer & Organization VERNON McNEEL / 3001, INC

Station Pencil Rubbing

Instructions: Place the blank form (or other blank paper) over the mark and rub over the entire disk with a pencil. For rod marks, rub only the designation and date stamping from the rim of the aluminum logo cap. If it is impossible to make a rubbing of the mark, or if the rubbing appears indistinct, a sketch and/or photograph may be substituted.




Remarks:

Monument Type BRASS CAP (CONCRETE)

Inscribed Agency USCG

Stamping L 278 / 1970

 <p>GPS STATION OBSERVATION LOG April 16, 2003</p>	Station Designation: (check applicable: <input type="checkbox"/> FBN <input type="checkbox"/> CBN <input type="checkbox"/> PAC <input type="checkbox"/> SAC <input type="checkbox"/> BM) G 365 (2004.65)	Station PID, if any: AU2110	Date (UTC): 12/20/05
	General Location: AVONDALE, La.	Airport ID, if any:	Station 4-Character ID: G365

Project Name: IPE+ - TASK ORDER 6 - Phase 2/3	Project Number: GPS-	Station Serial # (SSN): —	Session ID:(A,B,C etc) 1
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NAD83 Latitude 29° 54' 39.56"	NAD83 Longitude 90° 12' 46.38"	NAD83 Ellipsoidal Height meters	Agency Full Name: 3001, Inc
Observation Session Times (UTC): Sched. Start _____ Stop _____	Epoch Interval= 15 Seconds Elevation Mask = 15 Degrees	NAVD88 Orthometric Ht. meters	Operator Full Name:
Actual Start 13:17 Stop _____	GEOID99 Geoid Height meters	Phone #: ()	e-mail address:

Receiver Brand & Model: Trimble 4000SE	Antenna Code*, Brand & Model: Compact 1/2 w/ gr. Plane	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) "
P/N: S/N: Firmware Version: <input type="checkbox"/> CamCorder Battery, <input checked="" type="checkbox"/> 12V DC, <input type="checkbox"/> 110V AC, <input type="checkbox"/> Other	P/N: S/N: Cable Length, meters: Vehicle is Parked 50 meters N (direction) from antenna.	Antenna radome used? (Y/N) If yes, describe. Eccentric occupation (>0.5 mm)? (Y/N) Use Any obstructions above 10'? (Y/N) Use Radio interference source nearby (Y/N) Vis. form

Tripod or Antenna Mount: Check one: <input checked="" type="checkbox"/> Fixed-Leg Tripod, <input type="checkbox"/> Collapsible-leg tripod, <input type="checkbox"/> Fixed Mount Brand & Model: P/N: SECO 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:		After Session Ends:	
			Meters	Feet	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		WetBulb Temp		Rel. % Humidity	Atm. Pressure		
				Fahrenheit	Celsius	Fahrenheit	Celsius		inches Hg	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): G3653541.dat (Standard NGS Format = aaaadddd.xxx) where aaaa=4-Character ID, ddd=Day of Year, s=Session ID, xxx=file dependant extension	Updated Station Description: <input type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier Visibility Obstruction Form: <input type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier Photographs of Station: <input type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier Pencil Rubbing of Mark: <input type="checkbox"/> Attached	LOG CHECKED BY:
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Table of	CODE	PROBLEM	VISIBILITY	TEMPERATURE	CLOUD COVER	WIND
Weather Codes	0	did not occur	Good, over 15 miles	Normal, 32° F - 80° F	Clear, below 20%	Calm, under 5mph (8km/h)
	1	did occur	Fair, 7-15 miles	Hot, over 80°F (27 C)	Cloudy, 20% to 70%	Moderate, 5 to 15 mph
	2	- not used -	Poor, under 7 miles	Cold, below 32° F (0 C)	Overcast, over 70%	Strong, over 15 mph (24km/h)
Examples:	00000 = No problem, good visibility, normal temp, clear, calm wind			12121 = Problems, poor visibility, hot, overcast, moderate wind		

 <p>GPS STATION OBSERVATION LOG April 16, 2003</p>	Station Designation: (check applicable: <input type="checkbox"/> FBN <input type="checkbox"/> CBN <input type="checkbox"/> PAC <input type="checkbox"/> SAC <input type="checkbox"/> BM)	Station PID, if any:	Date (UTC):
	General Location: <u>Estelle #1 Pump Station</u> Airport ID, if any:	Station 4-Character ID: <u>ESTE</u>	Day of Year: <u>354</u>

Project Name: <u>EPET-TASK order 6 - Phase 213</u>	Project Number: <u>GPS-</u>	Station Serial # (SSN):	Session ID: (A,B,C etc) <u>1</u>
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NAD83 Latitude <u>29° 50' 03.79"</u>	NAD83 Longitude <u>90° 04' 07.11"</u>	NAD83 Ellipsoidal Height meters	Agency Full Name: <u>3007 Erc</u>
Observation Session Times (UTC): Sched. Start _____ Stop _____	Epoch Interval = <u>15</u> Seconds	NAVD88 Orthometric Ht. meters	Operator Full Name: <u>Brandon Webb</u>
Actual Start <u>19:41</u> Stop <u>20:42</u>	Elevation Mask = <u>15</u> Degrees	GEOID99 Geoid Height meters	Phone #: ()
		e-mail address:	

Receiver Brand & Model: <u>Trimble 4000SE</u>	Antenna Code*, Brand & Model: <u>Compu L1/L2 with ground plane</u>	Antenna plumb before session? (Y/N) Circle Yes or No
PIN: <u>21000-31</u>	PIN: <u>22020-80</u>	Antenna plumb after session? (Y/N) -If no, explain
S/N: <u>334A04300</u>	S/N: <u>0220024419</u>	Weather observed at antenna ht. (Y/N) explain
Firmware Version:	Cable Length, meters:	Antenna ground plane used? (Y/N) "
<input type="checkbox"/> CamCorder Battery, <input checked="" type="checkbox"/> 12V Dc, <input type="checkbox"/> 110V AC, <input type="checkbox"/> Other	Vehicle is Parked _____ meters _____ (direction) from antenna.	Antenna radome used? (Y/N) If yes, describe.
		Eccentric occupation (>0.5 mm)? (Y/N) Use
		Any obstructions above 10°? (Y/N) Use
		Radio interference source nearby (Y/N) Vis. form

Tripod or Antenna Mount: Check one: <input type="checkbox"/> Fixed-Leg Tripod, <input type="checkbox"/> Collapsible-leg tripod <input type="checkbox"/> Fixed Mount Brand & Model: <u>SBLO</u> P/N: S/N: Last Adjustment date: <u>12/12/05</u> Psychrometer (if used) Brand & Model: P/N: <u>N/A</u> S/N: Last Calibration or check Date:	** ANTENNA HEIGHT **		Before Session Begins:		After Session Ends:	
			Meters	Feet	Meters	Feet
	A= Datum point to Top of Tripod (Tripod Height)		<u>2</u>		<u>2</u>	
	B= Additional offset to ARP if any (Tribrach/Spacer)		<u>1.063</u>		<u>1.063</u>	
	H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)		<u>2.063</u>		<u>2.063</u>	
Meters = Feet x (0.3048)		Note &/or sketch ANY unusual conditions.				
Height Entered Into Receiver = <u>2.000</u> meters.		Be Very Explicit as to where and how Measured!				

Barometer (if used) Brand & Model: S/N: <u>N/A</u>	Weather Data	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit Celsius	WetBulb Temp Fahrenheit Celsius	Rel. % Humidity	Atm. Pressure inches Hg 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): <u>ESTE 3541.DAT</u>	Updated Station Description: <input type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier	LOG CHECKED BY:
(Standard NGS Format = aaaadddd.xxx) where aaaa=4-Character ID, ddd=Day of Year, s=Session ID, xxx=file dependant extension	Visibility Obstruction Form: <input type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier	
	Photographs of Station: <input type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier	
	Pencil Rubbing of Mark: <input type="checkbox"/> Attached	

Table of Weather Codes	CODE	PROBLEM	VISIBILITY	TEMPERATURE	CLOUD COVER	WIND
	0	did not occur	Good, over 15 miles	Normal, 32° F- 80° F	Clear, below 20%	Calm, under 5mph (8km/h)
	1	did occur	Fair, 7-15 miles	Hot, over 80° F (27 C)	Cloudy, 20% to 70%	Moderate, 5 to 15 mph
	2	- not used -	Poor, under 7 miles	Cold, below 32° F (0 C)	Overcast, over 70%	Strong, over 15 mph (24km/h)

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

GPS STATION OBSERVATION LOG
 April 16, 2003

Station Designation: (check applicable: FBN CBN PAC SAC BM) *AMES TBM*
 Station PID, if any: _____ Date (UTC): *12/20/05*
 General Location: *AMES Pump Station* Airport ID, if any: _____ Station 4-Character ID: *AMES* Day of Year: *354*

Project Name: *IPET - Task Order 6 - Phase 213* Project Number: *GPS-*
 Station Serial # (SSN): _____ Session ID: (A,B,C etc) *1*

NAD83 Latitude: *29° 51' 15.21"* NAD83 Longitude: *90° 07' 03.26"* 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 _____ Epoch Interval: *15* Seconds
 Actual Start: *17:55* Stop: *18:59* Elevation Mask = *15* Degrees

Receiver Brand & Model: *Trimble 4000 SE* Antenna Code*, Brand & Model: *Comarc h/2 with ground plane*
 PIN: *21000-31* S/N: *334A04300* Firmware Version: _____
 PIN: *22020-00* S/N: *0220024419* Cable Length, meters: _____
 CamCorder Battery, 12V DC, 110V AC, Other 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, explain
 Weather observed at antenna ht. (Y/N)
 Antenna ground plane used? (Y/N) "

Antenna radome used? (Y/N) If yes, describe.
 Eccentric occupation (>0.5 mm)? (Y/N) Use
 Any obstructions above 10'? (Y/N) 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: *SBCO*
 P/N: _____ S/N: _____
 Last Adjustment date: *12/12/05*

**** ANTENNA HEIGHT ****

	Before Session Begins:		After Session Ends:	
	Meters	Feet	Meters	Feet
A= Datum point to Top of Tripod (Tripod Height)	<i>2</i>		<i>2</i>	
B= Additional offset to ARP if any (Tribrach/Spacer)	<i>1.063</i>		<i>1.063</i>	
H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)	<i>2.063</i>		<i>2.063</i>	

Psychrometer (if used) Brand & Model: *N/A*
 P/N: _____ S/N: _____
 Last Calibration or check Date: _____
 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: <i>N/A</i>	Weather Data	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit Celsius	WetBulb Temp Fahrenheit Celsius	Rel. % Humidity	Atm. Pressure inches Hg 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): *AMES 3541.DAT*
 (Standard NGS Format = aaaadddd.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	CODE	PROBLEM	VISIBILITY	TEMPERATURE	CLOUD COVER	WIND
Weather Codes	0	did not occur	Good, over 15 miles	Normal, 32° F- 80° F	Clear, below 20%	Calm, under 5mph (8km/h)
	1	did occur	Fair, 7-15 miles	Hot, over 80° F (27 C)	Cloudy, 20% to 70%	Moderate, 5 to 15 mph
	2	- not used -	Poor, under 7 miles	Cold, below 32° F (0 C)	Overcast, over 70%	Strong, over 15 mph (24km/h)

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

	Station Designation: (check applicable: FBN / CBN / PAC / SAC / BM) Pump	Station PID, if any: AU3337	Date (UTC): 12-20-02
	General Location: Inner Harbor Canal Levee Wall	Airport ID, if any:	Station 4-Character ID: PUMP

Project Name: IPET-TOL-Phase 213	Project Number: GPS-	Station Serial # (SSN): N/A	Session ID:(A,B,C etc) 1
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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 22:28 Stop 22:24	Epoch Interval= 15 Seconds Elevation Mask = 15 Degrees	NAVD88 Orthometric Ht. 4.445 meters	Operator Full Name: VERNON MCNEELY
Actual Start 12:28 Stop 22:24		GEOID99 Geoid Height -26.13 meters	Phone #: ()
			e-mail address:

GPS Receiver: Trimble Manufacturer & Model: 4000 P/N: 4927 S/N: Firmware Version: • CamCorder Battery, • 12VDC, • 110V AC, • Other	GPS Antenna: 24415 Manufacturer & Model: Trimble COMP P/N: L11L2 S/N: Cable Length, meters: w/ground plane Vehicle is Parked _____ meters _____ (direction) from antenna.	Antenna plumb before session? (Y/N) <input checked="" type="checkbox"/> Circle Antenna plumb after session? (Y/N) <input checked="" type="checkbox"/> Yes or No Antenna oriented to true North? (Y/N) <input checked="" type="checkbox"/> -if no, explain Weather observed at antenna ht. (Y/N) <input checked="" type="checkbox"/> Antenna ground plane used? (Y/N) <input checked="" type="checkbox"/> " Antenna radome used? (Y/N) <input checked="" type="checkbox"/> If yes, describe. Eccentric occupation (>0.5 mm)? (Y/N) <input checked="" type="checkbox"/> Any obstructions above 10°? (Y/N) <input checked="" type="checkbox"/> Use Radio interference source nearby (Y/N) <input checked="" type="checkbox"/> Vis. form
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Tripod or Ant. Mount: Check one: • Fixed-Height Tripod, • Slip-Leg Tripod, • Fixed Mount Manufacturer & Model: SECO P/N: S/N: Last Calibration date: 12-19-05	** ANTENNA HEIGHT ** (see back of form for measurement illustration)	Before Session Begins: measure and record both Meters AND Feet	After Session Ends: measure and record both Meters AND Feet
	A= Datum point to Top of Tripod (Tripod Height)	2.000	
	B= Additional offset to ARP if any (Tribrach/Spacer)	0.063	


Tribrach: Check one: • None, • Wild GDF 22, • Topcon, • Other (describe) Last Calibration date: N/A	H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP) Note: Meters = Feet X (0.3048) Height Entered Into Receiver = 2.000 meters.	Please note &/or sketch ANY unusual conditions. Be Very Explicit as to where and how Measured!
	2.063	

Barometer: Manufacturer & Model: P/N: S/N: N/A Last Calibration or check Date:	Weather DATA	Time (UTC)	Dry-Bulb Temp		WetBulb Temp		Rel. % Humidity	Atm. Pressure		Weather Codes *
			Fahrenheit	Celsius	Fahrenheit	Celsius		inches Hg	millibar	
	Before									
	Middle									
	After									
Psychrometer: Manufacturer & Model: S/N: N/A	Average of Readings									* See back of form for codes

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

Note: Entries are Required in all Unshaded areas.

Data File Name(s): PUMP3541.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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 GPS STATION OBSERVATION LOG (01-Nov-2000)	Station Designation: (check applicable: FBN / CBN / PAC / SAC / BM) OP25 COPAS Pumpstation	Station PID, if any: NIA	Date (UTC): 12-2005
	General Location: Airport ID, if any: ORLEANS PARISH, LA	Station 4-Character ID: OP25	Day of Year: 354

Project Name: IPET	Project Number: GPS-	Station Serial # (SSN): NIA	Session ID:(A,B,C etc) 1
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NAD83 Latitude 30° 01' 48.98"N	NAD83 Longitude 089° 52' 07.31"W	NAD83 Ellipsoidal Height meters	Agency Full Name: 3001, INC
Observation Session Times (UTC): Epoch Sched. Start 21:54 Stop 21:54 Interval= 15 Seconds		NAVD88 Orthometric Ht. meters	Operator Full Name: VERNON MCNEGI
Actual Start 2053 Stop 21:54 Mask = 15 Degrees		GEOID99 Geoid Height meters	Phone #: ()
			e-mail address:

GPS Receiver: <i>Trimble</i> Manufacturer & Model: 4000 SSI P/N: 4652 S/N: Firmware Version: • CamCorder Battery, • 12VDC, • 110V AC, • Other	GPS Antenna: <i>Trimble comp</i> Manufacturer & Model: L1/L2 w/gra PLANE P/N: 50496 S/N: Cable Length, meters: 10m Vehicle is Parked 20 meters N (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
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Tripod or Ant. Mount: Check one: • Fixed-Height Tripod, • Slip-Leg Tripod, • Fixed Mount Manufacturer & Model: P/N: JECO S/N: Last Calibration date:	** ANTENNA HEIGHT ** (see back of form for measurement illustration)	Before Session Begins: measure and record both Meters AND Feet	After Session Ends: measure and record both Meters AND Feet
	A= Datum point to Top of Tripod (Tripod Height)	2.000	
	B= Additional offset to ARP if any (Tribrach/Spacer)	0.063	

Tribrach: Check one: • None, • Wild GDF 22, • Topcon, • Other (describe) Last Calibration date: NIA	H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)	2.063			
Note: Meters = Feet X (0.3048) Height Entered Into Receiver = 2.000 meters.		Please note &/or sketch ANY unusual conditions. Be Very Explicit as to where and how Measured!			

Barometer: Manufacturer & Model: P/N: S/N: NIA Last Calibration or check Date:	Weather DATA	Time (UTC)	Dry-Bulb Temp		WetBulb Temp		Rel. % Humidity	Atm. Pressure		Weather Codes *
			Fahrenheit	Celsius	Fahrenheit	Celsius		inches Hg	millibar	
	Before									
	Middle									
	After									
Psychrometer: Manufacturer & Model: S/N: NIA	Average of Readings									* See back of form for codes

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

Note: Entries are Required in all Unshaded areas.

Data File Name(s): OP25 3541.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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	Station Designation: (check applicable: FBN / CBN / PAC / SAC / BM) BRAT (Braithwaite Pumpstation)	Station PID, if any: N/A	Date (UTC): 12-20-05
	General Location: St. Bernard Parish, LA	Airport ID, if any:	Station 4-Character ID: BRAT

Project Name: IPET - TOL6 - PHASE 213	Project Number: GPS-	Station Serial # (SSN): N/A	Session ID:(A,B,C etc)
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NAD83 Latitude 29° 50' 59.86"N	NAD83 Longitude 089° 54' 32.27"W	NAD83 Ellipsoidal Height meters	Agency Full Name: 3001, INC
Observation Session Times (UTC): Sched. Start 13:33 Stop 14:33	Epoch Interval = 15 Seconds	NAVD88 Orthometric Ht. meters	Operator Full Name: VERNON McNEG
Actual Start 13:37 Stop 14:33	Elevation Mask = 15 Degrees	GEOID99 Geoid Height meters	Phone #: ()
			e-mail address:

GPS Receiver: Trimble Manufacturer & Model: 4006 P/N: 4652 S/N: Firmware Version: • CamCorder Battery, • <u>12VDC</u> , • 110V AC, • Other	GPS Antenna: Trimble Comp Manufacturer & Model: L1/L2 W/GR PLAVE P/N: S/N: 50496 Cable Length, meters: 10 m Vehicle is Parked 30 meters E (direction) from antenna.	Antenna plumb before session? <input checked="" type="checkbox"/> (Y/N) Circle Antenna plumb after session? <input checked="" type="checkbox"/> (Y/N) Yes or No Antenna oriented to true North? <input checked="" type="checkbox"/> (Y/N) -If no, explain Antenna ground plane used? <input checked="" type="checkbox"/> (Y/N) " Antenna radome used? <input type="checkbox"/> (Y/N) If yes, Eccentric occupation (>0.5 mm)? <input type="checkbox"/> (Y/N) describe. Any obstructions above 10°? <input type="checkbox"/> (Y/N) Use Radio interference source nearby <input type="checkbox"/> (Y/N) Vis. form
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Tripod or Ant. Mount: Check one: • Fixed-Height Tripod, • Slip-Leg Tripod, • Fixed Mount Manufacturer & Model: P/N: SECO S/N: Last Calibration date:	** ANTENNA HEIGHT ** (see back of form for measurement illustration) A= Datum point to Top of Tripod (Tripod Height) B= Additional offset to ARP if any (Tribrach/Spacer)	Before Session Begins: measure and record both Meters AND Feet	After Session Ends: measure and record both Meters AND Feet
		2.000	
		0.063	

Tribrach: Check one: • None, • Wild GDF 22, • Topcon, • Other (describe) Last Calibration date: N/A	H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP) 2.063	Before Session Begins: measure and record both Meters AND Feet	After Session Ends: measure and record both Meters AND Feet
		2.063	


Note: Meters = Feet X (0.3048)
 Height Entered into Receiver = **2.000** meters. Please note &/or sketch ANY unusual conditions. Be Very Explicit as to where and how Measured!

Barometer: Manufacturer & Model: P/N: S/N: Last Calibration or check Date:	Weather DATA	Time (UTC)	Dry-Bulb Temp Fahrenheit Celsius	WetBulb Temp Fahrenheit Celsius	Rel. % Humidity	Atm. Pressure inches Hg millibar	Weather Codes *
			Before				
	Middle						
	After						
Psychrometer: Manufacturer & Model: S/N: N/A	Average of Readings						* See back of form for codes

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

Note: Entries are Required in all Unshaded areas.

Data File Name(s): BRAT BRAT3542.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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	Station Designation: (check applicable: FBN / CBN / PAC / SAC / BM) BYD7 (RAYOU DUCLOS #7 Pumpstation)	Station PID, if any: N/A	Date (UTC): 12-20-05
	General Location: St. Bernard Parish, LA	Airport ID, if any:	Station 4-Character ID: BYD7

Project Name: IPE1-T06-Phase 213	Project Number: GPS-	Station Serial # (SSN): N/A	Session ID:(A,B,C etc) 1
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NAD83 Latitude 29° 56' 48.98N	NAD83 Longitude 089° 55' 20.31W	NAD83 Ellipsoidal Height meters	Agency Full Name: 3001, INC
Observation Session Times (UTC): Sched. Start - Stop 20:23 Interval= 15 Seconds		NAVD88 Orthometric Ht. meters	Operator Full Name: VERNON McNEELY
Actual Start 19:22 Stop 20:23 Mask = 15 Degrees		GEOID99 Geoid Height meters	Phone #: ()
			e-mail address:

GPS Receiver: Trimble Manufacturer & Model: 4000 SSI P/N: 4652 S/N: Firmware Version: • CamCorder Battery, • 12V DC, • 110V AC, • Other	GPS Antenna: Trimble Comp Manufacturer & Model: L2/L2 W/GRD PLANE P/N: 50496 S/N: Cable Length, meters: 10 m Vehicle is Parked 20 meters E (direction) from antenna.	Antenna plumb before session? (Y/N) <input checked="" type="checkbox"/> Circle Antenna plumb after session? (Y/N) <input checked="" type="checkbox"/> Yes or No Antenna oriented to true North? (Y/N) <input checked="" type="checkbox"/> -If no, Weather observed at antenna ht. (Y/N) <input checked="" type="checkbox"/> explain Antenna ground plane used? (Y/N) <input checked="" type="checkbox"/> " Antenna radome used? (Y/N) <input type="checkbox"/> If yes, Eccentric occupation (>0.5 mm)? (Y/N) <input type="checkbox"/> describe. Any obstructions above 10°? (Y/N) <input type="checkbox"/> Use Radio interference source nearby (Y/N) <input type="checkbox"/> Vis. form
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Tripod or Ant. Mount: Check one: • Fixed-Height Tripod, • Slip-Leg Tripod, • Fixed Mount Manufacturer & Model: P/N: SECO S/N: Last Calibration date:	** ANTENNA HEIGHT ** (see back of form for measurement illustration)		Before Session Begins: measure and record both Meters AND Feet	After Session Ends: measure and record both Meters AND Feet
	A= Datum point to Top of Tripod (Tripod Height)	2.000		
	B= Additional offset to ARP if any (Tribrach/Spacer)	0.063		


Tribrach: Check one: • None, • Wild GDF 22, • Topcon, • Other (describe) Last Calibration date: N/A	H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)	2.063		
	Note: Meters = Feet X (0.3048) 2.000 Height Entered Into Receiver 2.000 meters. Please note &/or sketch ANY unusual conditions. Be Very Explicit as to where and how Measured!			

Barometer: Manufacturer & Model: P/N: S/N: N/A Last Calibration or check Date:	Weather DATA	Time (UTC)	Dry-Bulb Temp		WetBulb Temp		Rel. % Humidity	Atm. Pressure		Weather Codes *
			Fahrenheit	Celsius	Fahrenheit	Celsius		inches Hg	millibar	
Last Calibration or check Date:	Before									
	Middle									
	After									
Psychrometer: Manufacturer & Model: S/N: N/A	Average of Readings									* See back of form for codes

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

Note: Entries are Required in all Unshaded areas.

Data File Name(s): BYD7354.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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	Station Designation: (check applicable: FBN / CBN / PAC / SAC / BM) MERA (MERAUX 4 Pump Station)	Station PID, if any: N/A	Date (UTC): 12-20-05
	General Location: St. Bernard Parish, LA	Airport ID, if any:	Station 4-Character ID: MERY

Project Name: IPEI-T06-PHASE 213	Project Number: GPS-	Station Serial # (SSN): N/A	Session ID:(A,B,C etc) 2
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NAD83 Latitude 29° 55' 16.34N	NAD83 Longitude 089° 53' 26.56W	NAD83 Ellipsoidal Height meters	Agency Full Name: 3001, INC
Observation Session Times (UTC): Sched. Start — Stop 17:31	Epoch Interval= 15 Seconds	NAVD88 Orthometric Ht. meters	Operator Full Name: VERNON MCNEEL
Actual Start 16:30 Stop 17:31	Elevation Mask = 15 Degrees	GEOID99 Geoid Height meters	Phone #: ()
			e-mail address:

GPS Receiver: Trimble 4000 Manufacturer & Model: P/N: 4652 S/N: Firmware Version: • CamCorder Battery, • 12V DC, • 110V AC, • Other	GPS Antenna: Trimble Comp Manufacturer & Model: L1/L2 w/grd PLAVE P/N: 50496 S/N: Cable Length, meters: 10m Vehicle is Parked 30 meters N (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, explain Weather observed at antenna ht. (Y/N) Antenna ground plane used? (Y/N) Antenna radome used? (Y/N) If yes, describe. Eccentric occupation (>0.5 mm)? (Y/N) Any obstructions above 10°? (Y/N) Use Radio interference source nearby (Y/N) Vis. form
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Tripod or Ant. Mount: Check one: • Fixed-Height Tripod, • Slip-Leg Tripod, • Fixed Mount Manufacturer & Model: P/N: SECO S/N: Last Calibration date: 12-20-05	** ANTENNA HEIGHT ** (see back of form for measurement illustration)	Before Session Begins: measure and record both Meters AND Feet	After Session Ends: measure and record both Meters AND Feet
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A= Datum point to Top of Tripod (Tripod Height) 2.000			
B= Additional offset to ARP if any (Tribrach/Spacer) 0.063			

Tribrach: Check one: • None, • Wild GDF 22, • Topcon, • Other (describe) Last Calibration date: N/A	H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP) 2.063			
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Note: Meters = Feet X (0.3048) Height Entered Into Receiver = **2.000** meters. Please note &/or sketch ANY unusual conditions. Be Very Explicit as to where and how Measured!


Barometer: Manufacturer & Model: P/N: S/N: Last Calibration or check Date:	Weather DATA	Time (UTC)	Dry-Bulb Temp		WetBulb Temp		Rel. % Humidity	Atm. Pressure		Weather Codes *
			Fahrenheit	Celsius	Fahrenheit	Celsius		inches Hg	millibar	
	Before									
	Middle									
	After									
Psychrometer: Manufacturer & Model: S/N: N/A	Average of Readings									* See back of form for codes

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

Note: Entries are Required in all Unshaded areas.

Data File Name(s): MER 435 41.DAT (Standard NGS Format = aaaadddd.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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	Station Designation: (check applicable: FBN / CBN / PAC / SAC / BM) JEAG (JEAW CAITTE #6 Pump Station)	Station PID, if any: N/A	Date (UTC): 12-20-05																														
	General Location: St. Bernard Parish, LA	Airport ID, if any: LA	Station 4-Character ID: JEAG	Day of Year: 354																													
Project Name: IPET-JOB - Phase 2/3		Project Number: GPS-	Station Serial # (SSN): N/A	Session ID:(A,B,C etc) 2																													
NAD83 Latitude 29° 57' 55.82" N	NAD83 Longitude 089° 58' 28.45" W	NAD83 Ellipsoidal Height meters	Agency Full Name: 3001, INC																														
Observation Session Times (UTC): Sched. Start _____ Stop 17:57	Epoch Interval= _____ Seconds	NAVD88 Orthometric Ht. meters	Operator Full Name: VERRON McNEGI																														
Actual Start 17:56 Stop _____	Elevation Mask = _____ Degrees	GEOID99 Geoid Height meters	Phone #: ()																														
GPS Receiver: Trimble Manufacturer & Model: 4000 SSI P/N: 4652 S/N: Firmware Version: • CamCorder Battery, • 12V DC, • 110V AC, • Other		GPS Antenna: Trimble comp Manufacturer & Model: L1/L2 w/GRD PLANT P/N: 50496 S/N: Cable Length, meters: 10M Vehicle is Parked 20 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, 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 Ant. Mount: Check one: • Fixed-Height Tripod, • Slip-Leg Tripod, • Fixed Mount Manufacturer & Model: P/N: SECO S/N: Last Calibration date:		** ANTENNA HEIGHT ** (see back of form for measurement illustration)																															
Tribrach: Check one: • None, • Wild GDF 22, • Topcon, • Other (describe) Last Calibration date: N/A		<table border="1"> <tr> <th>Before Session Begins: measure and record both Meters AND Feet</th> <th>After Session Ends: measure and record both Meters AND Feet</th> </tr> <tr> <td>A= Datum point to Top of Tripod (Tripod Height)</td> <td>2.000</td> </tr> <tr> <td>B= Additional offset to ARP if any (Tribrach/Spacer)</td> <td>0.063</td> </tr> <tr> <td>H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)</td> <td>2.063</td> </tr> </table>		Before Session Begins: measure and record both Meters AND Feet	After Session Ends: measure and record both Meters AND 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																						
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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																																
Barometer: Manufacturer & Model: P/N: N/A S/N: Last Calibration or check Date:		Note: Meters = Feet X (0.3048) Height Entered Into Receiver = 2.000 meters.																															
Psychrometer: Manufacturer & Model: S/N: N/A		Please note &/or sketch ANY unusual conditions. Be Very Explicit as to where and how Measured!																															
Weather DATA		<table border="1"> <thead> <tr> <th>Time (UTC)</th> <th>Dry-Bulb Temp Fahrenheit Celsius</th> <th>WetBulb Temp Fahrenheit Celsius</th> <th>Rel. % Humidity</th> <th>Atm. Pressure Inches Hg millibar</th> <th>Weather Codes *</th> </tr> </thead> <tbody> <tr> <td>Before</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Middle</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>After</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="2">Average of Readings</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		Time (UTC)	Dry-Bulb Temp Fahrenheit Celsius	WetBulb Temp Fahrenheit Celsius	Rel. % Humidity	Atm. Pressure Inches Hg millibar	Weather Codes *	Before						Middle						After						Average of Readings					
Time (UTC)	Dry-Bulb Temp Fahrenheit Celsius	WetBulb Temp Fahrenheit Celsius	Rel. % Humidity	Atm. Pressure Inches Hg millibar	Weather Codes *																												
Before																																	
Middle																																	
After																																	
Average of Readings																																	
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc: 																																	
Note: Entries are Required in all Unshaded areas.																																	
Data File Name(s): JEAG3542.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:																													

 <p>GPS STATION OBSERVATION LOG April 16, 2003</p>	Station Designation: (check applicable: <input type="checkbox"/> FBN <input type="checkbox"/> CBN <input type="checkbox"/> PAC <input type="checkbox"/> SAC <input type="checkbox"/> BM) WEST	Station PID, if any: THM	Date (UTC): 12/20/05
	General Location: WESTMINSTER Pump Station	Airport ID, if any:	Station 4-Character ID: WEST

Project Name: IDET TASK ORDER 6 Page 2/3	Project Number: GPS-	Station Serial # (SSN):	Session ID:(A,B,C etc) 1
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NAD83 Latitude 29° 52' 29.76" N	NAD83 Longitude 90° 08' 15.67" W	NAD83 Ellipsoidal Height meters	Agency Full Name: 3001 INC
Observation Session Times (UTC): Sched. Start _____ Stop _____	Epoch Interval = 15 Seconds	NAVD88 Orthometric Ht. meters	Operator Full Name: M. DIAL
Actual Start 16:33 Stop 17:33	Elevation Mask = 15 Degrees	GEOID99 Geoid Height meters	Phone #: () 3. WEBB
		e-mail address:	

Receiver Brand & Model: TRIMBLE 4000SE	Antenna Code*, Brand & Model: COMPAC L1/L2 with Ground plane	Antenna plumb before session? (Y/N) Circle	Antenna plumb after session? (Y/N) Yes or No
P/N: 21000-31	P/N: 22020-00	Antenna oriented to true North? (Y/N) -If no, explain	Weather observed at antenna ht. (Y/N) explain
S/N: 334 A 04300	S/N: 022002 4419	Antenna ground plane used? (Y/N) "	
Firmware Version:	Cable Length, meters:	Antenna radome used? (Y/N) If yes, describe.	Eccentric occupation (>0.5 mm)? (Y/N) Use
<input type="checkbox"/> CamCorder Battery, <input checked="" type="checkbox"/> 2V DC, <input type="checkbox"/> 110V AC, <input type="checkbox"/> Other	Vehicle is Parked _____ meters _____ (direction) from antenna.	Any obstructions above 10'? (Y/N) Use	Radio interference source nearby (Y/N) Vis. form

Tripod or Antenna Mount: Check one: <input checked="" type="checkbox"/> Fixed-Leg Tripod, <input type="checkbox"/> Collapsible-leg tripod, <input type="checkbox"/> 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:	** ANTENNA HEIGHT **		Before Session Begins:		After Session Ends:	
			Meters	Feet	Meters	Feet
	A= Datum point to Top of Tripod (Tripod Height)		2		2	
	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 = **2.060** meters. Note &/or sketch ANY unusual conditions. Be Very Explicit as to where and how Measured!

Barometer (if used) Brand & Model:	Weather Data	Weather Codes	Time (UTC)	Dry-Bulb Temp		WetBulb Temp		Rel. % Humidity	Atm. Pressure	
				Fahrenheit	Celsius	Fahrenheit	Celsius		inches Hg	millibar
S/N: N/A	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): WEST 3541.DAT	Updated Station Description: <input type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier	LOG CHECKED BY:
(Standard NGS Format = aaaadddd.xxx) where aaaa=4-Character ID, ddd=Day of Year, s=Session ID, xxx=file dependant extension	Visibility Obstruction Form: <input type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier	
	Photographs of Station: <input type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier	
	Pencil Rubbing of Mark: <input type="checkbox"/> Attached	

Table of	CODE	PROBLEM	VISIBILITY	TEMPERATURE	CLOUD COVER	WIND
Weather Codes	0	did not occur	Good, over 15 miles	Normal, 32° F- 80° F	Clear, below 20%	Calm, under 5mph (8km/h)
	1	did occur	Fair, 7-15 miles	Hot, over 80°F (27 C)	Cloudy, 20% to 70%	Moderate, 5 to 15 mph
	2	- not used -	Poor, under 7 miles	Cold, below 32° F (0 C)	Overcast, over 70%	Strong, over 15 mph (24km/h)

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

GPS STATION OBSERVATION LOG
April 16, 2003

Station Designation: (check applicable: ___ FBN ___ CBN ___ PAC ___ SAC ___ BM) WES2
 General Location: Westwego #2 Pump Station Airport ID, if any: _____
 Station PID, if any: _____ Date (UTC): 12/20/05
 Station 4-Character ID: WES2 Day of Year: 12/20/05 354
 Project Name: IPET - Task Order 6 - Phase 2/3 Project Number: GPS-
 Station Serial # (SSN): _____ Session ID: (A,B,C etc) 1

NAD83 Latitude: 29° 53' 26.07" NAD83 Longitude: 90° 09' 21.53" NAD83 Ellipsoidal Height: _____ meters
 NAVD88 Orthometric Ht.: _____ meters
 GEOID99 Geoid Height: _____ meters
 Agency Full Name: 3001 INC
 Operator Full Name: MIKE D. AL
 Phone #: () _____
 e-mail address: Brandon.WEBB
 Observation Session Times (UTC):
 Sched. Start _____ Stop _____ Epoch Interval = 15 Seconds
 Actual Start 15:13 Stop 16:13 Elevation Mask = 15 Degrees

Receiver Brand & Model: Trimble 4000SE Antenna Code*, Brand & Model: Compu 41162 with Ground plane
 P/N: 21000-31 P/N: 22020-00
 S/N: 334A04300 S/N: 0220024419
 Firmware Version: _____ Cable Length, meters: _____
 CamCorder Battery, 12V DC, 110V AC, Other 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 2
 B= Additional offset to ARP if any (Tribrach/Spacer) .063 .063
 H= Antenna Height = A + B 2.063 2.063
 = Datum Point to Antenna Reference Point (ARP)
 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: <u>N/A</u>	Weather Data	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit Celsius	WetBulb Temp Fahrenheit Celsius	Rel. % Humidity	Atm. Pressure inches Hg 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): WES23541.DAT Updated Station Description: Attached Submitted earlier
 (Standard NGS Format = aaaaddds.xxx) Visibility Obstruction Form: Attached Submitted earlier
 where aaaa=4-Character ID, ddd=Day of Year, s=Session ID, xxx=file dependant extension Photographs of Station: Attached Submitted earlier
 Pencil Rubbing of Mark: Attached LOG CHECKED BY: _____

Table of Weather Codes	CODE	PROBLEM	VISIBILITY	TEMPERATURE	CLOUD COVER	WIND
	0	did not occur	Good, over 15 miles	Normal, 32° F- 80° F	Clear, below 20%	Calm, under 5mph (8km/h)
	1	did occur	Fair, 7-15 miles	Hot, over 80° F (27 C)	Cloudy, 20% to 70%	Moderate, 5 to 15 mph
	2	- not used -	Poor, under 7 miles	Cold, below 32° F (0 C)	Overcast, over 70%	Strong, over 15 mph (24km/h)

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

 GPS STATION OBSERVATION LOG April 16, 2003	Station Designation: (check applicable: <input type="checkbox"/> FBN <input type="checkbox"/> CBN <input type="checkbox"/> PAC <input type="checkbox"/> SAC <input type="checkbox"/> BM) SEGN TAM	Station PID, if any:	Date (UTC): 12/20/05
	General Location: Bayou Segnette State Park	Airport ID, if any: PANL	Station 4-Character ID: SEGN

Project Name: IAET - Task order 6 Phase 2/3	Project Number: GPS-	Station Serial # (SSN):	Session ID:(A,B,C etc) 1
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NAD83 Latitude 29° 53' 54.40" N	NAD83 Longitude 90° 09' 29.91" W	NAD83 Ellipsoidal Height meters	Agency Full Name: 3001 INC Operator Full Name: Brandon WEBB Phone #: () MIKE DIAL e-mail address:
Observation Session Times (UTC): Sched. Start _____ Stop _____		NAVD88 Orthometric Ht. meters	
Actual Start 13:30 Stop 14:34		GEOID99 Geoid Height meters	

Receiver Brand & Model: Trimble 4000 SE P/N: 21000-31 S/N: 334A 04300 Firmware Version:	Antenna Code*, Brand & Model: Compac L/L2 w/Ground Plane P/N: 22020-00 S/N: 022002 4419 Cable Length, meters:	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) "
<input type="checkbox"/> CamCorder Battery, <input checked="" type="checkbox"/> 12V DC, <input type="checkbox"/> 110V AC, <input type="checkbox"/> Other	Vehicle is Parked _____ meters _____ (direction) from antenna.	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: <input checked="" type="checkbox"/> Fixed-Leg Tripod, <input type="checkbox"/> Collapsible-leg tripod <input type="checkbox"/> 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:	** ANTENNA HEIGHT **	Before Session Begins: Meters Feet	After Session Ends: Meters Feet
	A= Datum point to Top of Tripod (Tripod Height)	2	2
	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:	Weather Data	Weather Codes	Time (UTC)	Dry-Bulb Temp		WetBulb Temp		Rel. % Humidity	Atm. Pressure inches Hg millibar
				Fahrenheit	Celsius	Fahrenheit	Celsius		
N/A	Before								
	Middle								
	After								

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

38' to Canal
12' From EAST wall of Bridge
22' From Back of curb

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): SEGN3541.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: <input type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier Visibility Obstruction Form: <input type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier Photographs of Station: <input type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier Pencil Rubbing of Mark: <input type="checkbox"/> Attached	LOG CHECKED BY:
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Table of	CODE	PROBLEM	VISIBILITY	TEMPERATURE	CLOUD COVER	WIND
Weather Codes	0	did not occur	Good, over 15 miles	Normal, 32° F- 80° F	Clear, below 20%	Calm, under 5mph (8km/h)
	1	did occur	Fair, 7-15 miles	Hot, over 80°F (27 C)	Cloudy, 20% to 70%	Moderate, 5 to 15 mph
	2	- not used -	Poor, under 7 miles	Cold, below 32° F (0 C)	Overcast, over 70%	Strong, over 15 mph (24km/h)

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

	Station Designation: (check applicable: <input type="checkbox"/> FBN <input type="checkbox"/> CBN <input type="checkbox"/> PAC <input type="checkbox"/> SAC <input type="checkbox"/> BM)	Station PID, if any:	Date (UTC):
	H ARV TAM General Location: <u>Harvey Pump Station</u> Airport ID, if any:	Station 4-Character ID: <u>HARV</u>	Day of Year: <u>354</u>

Project Name: <u>IPET-TASK ORDER 6 - Phase 2/3</u>	Project Number: <u>GPS-</u>	Station Serial # (SSN):	Session ID: (A,B,C etc) <u>1</u>
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NAD83 Latitude: <u>28° 53' 0.04" N</u>	NAD83 Longitude: <u>90° 4' 35.62" W</u>	NAD83 Ellipsoidal Height: _____ meters	Agency Full Name:
Observation Session Times (UTC): Sched. Start _____ Stop _____	Epoch Interval = <u>15</u> Seconds	NAVD88 Orthometric Ht. _____ meters	Operator Full Name: <u>3001 INC</u>
Actual Start <u>20:57</u> Stop <u>21:58</u>	Elevation Mask = <u>15</u> Degrees	GEOID99 Geoid Height _____ meters	Phone #: () <u>MIKE DIAL</u>
		e-mail address: <u>Brandon Webb</u>	

Receiver Brand & Model: <u>Trimble 4000 SE</u>	Antenna Code*, Brand & Model: <u>Compac L/Lx with ground plane</u>	Antenna plumb before session? (Y/N) _____ Circle Yes or No
P/N: <u>21000-31</u>	P/N: <u>22020-0</u>	Antenna plumb after session? (Y/N) _____
S/N: <u>334A04300</u>	S/N: <u>0220024419</u>	Antenna oriented to true North? (Y/N) _____ -If no, explain
Firmware Version: _____	Cable Length, meters: _____	Weather observed at antenna ht. (Y/N) _____
<input type="checkbox"/> CamCorder Battery, <input checked="" type="checkbox"/> 12V DC <input type="checkbox"/> 110V AC, <input type="checkbox"/> Other	Vehicle is Parked _____ meters _____ (direction) from antenna.	Antenna ground plane used? (Y/N) _____
		Antenna radome used? (Y/N) _____ If yes, describe.
		Eccentric occupation (>0.5 mm)? (Y/N) _____ Use
		Any obstructions above 10°? (Y/N) _____
		Radio interference source nearby (Y/N) _____ Vis. form

Tripod or Antenna Mount: Check one: <input type="checkbox"/> Fixed-Leg Tripod, <input type="checkbox"/> Collapsible-leg tripod <input type="checkbox"/> Fixed Mount Brand & Model: <u>SECO</u> P/N: _____ S/N: _____ Last Adjustment date: <u>12/12/05</u> Psychrometer (if used) Brand & Model: P/N: <u>N/A</u> S/N: _____ Last Calibration or check Date: _____	** ANTENNA HEIGHT **		Before Session Begins:		After Session Ends:	
			Meters	Feet	Meters	Feet
	A= Datum point to Top of Tripod (Tripod Height)		<u>2</u>		<u>2</u>	
	B= Additional offset to ARP if any (Tribrach/Spacer)		<u>.063</u>		<u>.063</u>	
	H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)		<u>2.063</u>		<u>2.063</u>	
Meters = Feet x (0.3048) Note &/or sketch ANY unusual conditions. Height Entered Into Receiver = <u>2.000</u> meters. Be Very Explicit as to where and how Measured!						

Barometer (if used) Brand & Model: S/N: <u>N/A</u>	Weather Data	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit Celsius	WetBulb Temp Fahrenheit Celsius	Rel. % Humidity	Atm. Pressure inches Hg 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): <u>HARV 3541.DAT</u>	Updated Station Description: <input type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier	LOG CHECKED BY:
(Standard NGS Format = aaaadddd.xxx) where aaaa=4-Character ID, ddd=Day of Year, s=Session ID, xxx=file dependant extension	Visibility Obstruction Form: <input type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier	
	Photographs of Station: <input type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier	
	Pencil Rubbing of Mark: <input type="checkbox"/> Attached	

Table of	CODE	PROBLEM	VISIBILITY	TEMPERATURE	CLOUD COVER	WIND
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