 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) A 252	Station PID, if any: AT0407	Date (UTC): JAN 25, 2006
	General Location: PLAQUE MINES PARISH, LA / N/E side Hwy 115	Airport ID, if any: A152	Station 4-Character ID: A152

Project Name: IPET TO 6 ; Phase 213	Project Number: GPS-	Station Serial # (SSN): ATAD011	Session ID:(A,B,C etc) 2
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NAD83 Latitude 29° 37' 28.588N	NAD83 Longitude 089° 54' 10.669W	NAD83 Ellipsoidal Height -24.25 meters	Agency Full Name: 3001 INC Operator Full Name: VERNON MCMPH Phone #: () e-mail address:
Observation Session Times (UTC): Sched. Start 1400 Stop 1800	Epoch Interval = 15 Seconds Elevation Mask = 13 Degrees	NAVD88 Orthometric Ht. 0.67 meters GEOID99 Geoid Height -24.93 meters	

Receiver Brand & Model: Trimble 4000 SSI P/N: 24840-11 S/N: 3608A14652 Firmware Version:	Antenna Code*, Brand & Model: Trimble comp L1/L2 wide PLAN P/N: 22020-00 S/N: 0220050496 Cable Length, meters:	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)
<input type="checkbox"/> CamCorder Battery, <input checked="" type="checkbox"/> 12V DC, <input type="checkbox"/> 110V AC, <input type="checkbox"/> Other	Vehicle is Parked 30 meters NE (direction) from antenna.	Antenna radome used? <input type="checkbox"/> (Y/N) If yes, describe. Eccentric occupation (>0.5 mm)? <input type="checkbox"/> (Y/N) Use Any obstructions above 10°? <input type="checkbox"/> (Y/N) Use Radio interference source nearby <input type="checkbox"/> (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: 01-25-06	** ANTENNA HEIGHT **		Before Session Begins: Meters Feet	After Session Ends: Meters Feet		
	A= Datum point to Top of Tripod (Tripod Height)		2.000	6.562	2.000	6.562
	B= Additional offset to ARP if any (Tribrach/Spacer)		0.063	0.207	0.063	0.207
	H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)		2.063	6.769	2.063	6.769
Psychrometer (if used) Brand & Model: CHECK-IT P/N: 622 S/N: Last Calibration or check Date:						

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: BUNTON S/N: Sherpa	Weather Data	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit Celsius	WetBulb Temp Fahrenheit Celsius	Rel. % Humidity	Atm. Pressure inches Hg millibar	
	Before	00000	00000	13:55	55.7	51.4	77	30.26
Middle	00000	00000	16:00	54.8	53.8	90	30.36	1028
After	00000	00000	18:03	61.5	56.1	75	30.33	1027

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): A 252 025 2.0AT (Standard NGS Format = aaaaddds.xxx) <small>where aaaa=4-Character ID, ddd=Day of Year, s=Session ID, xxx=file dependant extension</small>	Updated Station Description: <input type="checkbox"/> Attached <input checked="" type="checkbox"/> Submitted earlier Visibility Obstruction Form: <input type="checkbox"/> Attached <input checked="" type="checkbox"/> Submitted earlier Photographs of Station: <input type="checkbox"/> Attached <input checked="" type="checkbox"/> Submitted earlier Pencil Rubbing of Mark: <input type="checkbox"/> Attached	LOG CHECKED BY:
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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) **A152**

Station PID, if any: **ATQ4Q7** Date (UTC): **JAN 25, 2006**

General Location: **N/E side HWY 115 PLaquemines Parish, LA** Airport ID, if any: Station 4-Character ID: **A152** Day of Year: **025**

Project Name: **IPET TOB ; PHASE 213** Project Number: **GPS-** Station Serial # (SSN): **ALLA 011** Session ID: (A,B,C etc) **2**

NAD83 Latitude: **29° 37' 28.588N** NAD83 Longitude: **089° 54' 10.69W** NAD83 Ellipsoidal Height: **-24** meters
 NAVD88 Orthometric Ht.: **+0.67** meters
 GEOID99 Geoid Height: **-24.93** meters

Agency Full Name: **3001, INC**
 Operator Full Name: **VERNON MCNEEL**
 Phone #: ()
 e-mail address:

Observation Session Times (UTC):
 Sched. Start: **18:05** Stop: **22:15** Epoch Interval: **15** Seconds
 Actual Start: **18:12** Stop: **22:15** Elevation Mask = **13** Degrees

Receiver Brand & Model: **TRIMBLE 4000 SS** Antenna Code*, Brand & Model: **Trimble Comp L1112 w/grad PLAMP**
 P/N: **2484Q-12** P/N: **22020-00**
 S/N: **3608A14652** S/N: **0220050496**
 Firmware Version: Cable Length, meters:

Antenna plumb before session? (Y/N) Circle Yes or No
 Antenna plumb after session? (Y/N) -if no, explain
 Weather observed at antenna ht. (Y/N) explain
 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

CamCorder Battery, 12V DC, 110V AC, Other Vehicle is Parked **30** meters **N/E** (direction) from antenna.

Tripod or Antenna Mount: Check one:
 Fixed-Leg Tripod, Collapsible-leg tripod, Fixed Mount
 Brand & Model: **JECO**
 P/N: **3500**
 S/N:
 Last Adjustment date: **01-25-06**

Psychrometer (if used) Brand & Model: **CHECK - IT**
 P/N: **622**
 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. **UNCAL** Note &/or sketch ANY unusual conditions.
 Be Very Explicit as to where and how Measured!

Barometer (if used) Brand & Model: Brunton	Weather Data	Weather Codes	Time (UTC)	Dry-Bulb Temp		WetBulb Temp		Rel. % Humidity	Atm. Pressure	
				Fahrenheit	Celsius	Fahrenheit	Celsius		inches Hg	millibar
S/N: Sherpa	Before	0000	18:10	64.5		56.1		75	30.33	1027
	Middle	0000	20:16	65.3		56.4		60	30.29	1025
	After	0000	22:18	64.4		57.4		67	30.28	1025

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): **A1520252.DAT** Updated Station Description: Attached Submitted earlier
 Visibility Obstruction Form: Attached Submitted earlier
 Photographs of Station: Attached Submitted earlier
 Pencil Rubbing of Mark: Attached

(Standard NGS Format = aaaadddd.xxx)
 where aaaa=4-Character ID, ddd=Day of Year, s=Session ID, xxx=file dependant extension

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

 GPS STATION OBSERVATION LOG April 16, 2003	Station Designation: (check applicable: <u> </u> FBN <u> </u> CBN <u> </u> PAC <u> </u> SAC <u> </u> BM)	Station PID, if any:	Date (UTC):
	General Location: <u>Latitte</u> Airport ID, if any:	<u>876 1899 B TIDAL</u>	<u>AU2310</u>
Project Name: <u>IPET Task Order 6 Phase 2/3</u>		Station 4-Character ID: <u>BTID</u>	Day of Year: <u>025</u>
Project Number: <u>GPS-</u>		Station Serial # (SSN): <u>0012</u>	Session ID: (A,B,C etc) <u>2</u>

NAD83 Latitude <u>29° 40' 02.08" N</u>	NAD83 Longitude <u>90° 06' 33.58" W</u>	NAD83 Ellipsoidal Height meters	Agency Full Name: <u>3001 Inc.</u>
Observation Session Times (UTC): Sched. Start <u>1815</u> Stop <u>2215</u>	Epoch Interval = <u>15</u> Seconds	NAVD88 Orthometric Ht. meters	Operator Full Name: <u>Dillon Payne</u>
Actual Start <u>1810</u> Stop <u>2215</u>	Elevation Mask = <u>15</u> Degrees	GEoid99 Geoid Height meters	Phone #: ()
Receiver Brand & Model: <u>Trimble 4000 SSI</u>		Antenna Code*, Brand & Model: <u>Trimble Compac L1/L2 w/Ground Plane</u>	Antenna plumb before session? <input checked="" type="checkbox"/> (N) Circle

P/N: <u>24840-11</u>	P/N: <u>22020-00</u>	Antenna plumb after session? <input checked="" type="checkbox"/> (N) Yes or No
S/N: <u>3608 A 14570</u>	S/N: <u>02200 50907</u>	Antenna oriented to true North? <input checked="" type="checkbox"/> (N) -If no, explain
Firmware Version:	Cable Length, meters: <u>4.45</u>	Weather observed at antenna ht. <input checked="" type="checkbox"/> (N) explain
<input type="checkbox"/> CamCorder Battery, <input checked="" type="checkbox"/> 12V DC, <input type="checkbox"/> 110V AC, <input type="checkbox"/> Other	Vehicle is Parked <u>50</u> meters <u>W</u> (direction) from antenna.	Antenna ground plane used? <input checked="" type="checkbox"/> (N) "
Tripod or Antenna Mount: Check one: <input checked="" type="checkbox"/> Fixed-Leg Tripod, <input type="checkbox"/> Collapsible-leg tripod <input type="checkbox"/> Fixed Mount		Antenna radome used? <input checked="" type="checkbox"/> (N) If yes, describe.

Brand & Model: P/N: S/N: Last Adjustment date: <u>12-12-05</u> Psychrometer (if used) Brand & Model: <u>Check-IT Model 0622</u> 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)		<u>2.000</u>	<u>6.562</u>	<u>2.000</u>	<u>6.562</u>
	B= Additional offset to ARP if any (Tribrach/Spacer)		<u>0.063</u>	<u>0.207</u>	<u>0.063</u>	<u>0.207</u>
H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)		<u>2.063</u>	<u>6.769</u>	<u>2.063</u>	<u>6.769</u>	
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: <u>BRUNTON</u> S/N: <u>Model: sherpa</u>	Weather Data	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit Celsius	WetBulb Temp Fahrenheit Celsius	Rel. % Humidity	Atm. Pressure inches Hg millibar
	Before		<u>00001</u>	<u>18:10</u>	<u>86°</u>	<u>56°</u>	<u>100%</u>
Middle		<u>0</u>					
After		<u>00001</u>	<u>22:17</u>	<u>64°</u>	<u>60°</u>	<u>83%</u>	<u>30.30</u>

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>BTID0252.dat</u>	Updated Station Description: <input type="checkbox"/> Attached <input checked="" type="checkbox"/> Submitted earlier	LOG CHECKED BY:
(Standard NGS Format = aaaaddds.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 checked="" type="checkbox"/> Submitted earlier	
	Photographs of Station: <input type="checkbox"/> Attached <input checked="" type="checkbox"/> Submitted earlier	
	Pencil Rubbing of Mark: <input type="checkbox"/> Attached	

Table of	CODE	PROBLEM	VISIBILITY	TEMPERATURE	CLOUD COVER	WIND
Weather	<u>0</u>	did not occur	Good, over 15 miles	Normal, 32° F- 80° F	Clear, below 20%	Calm, under 5mph (8km/h)
Codes	<u>1</u>	did occur	Fair, 7-15 miles	Hot, over 80°F (27 C)	Cloudy, 20% to 70%	Moderate, 5 to 15 mph
	<u>2</u>	- not used -	Poor, under 7 miles	Cold, below 32° F (0 C)	Overcast, over 70%	Strong, over 15 mph (24km/h)
Examples:	<u>00000</u> = No problem, good visibility, normal temp, clear, calm wind		<u>12121</u> = 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):
	General Location: Airport ID, if any:	Station 4-Character ID:	Day of Year:

Project Name:	Project Number:	Station Serial # (SSN):	Session ID:(A,B,C etc)
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NAD83 Latitude	NAD83 Longitude	NAD83 Ellipsoidal Height meters	Agency Full Name:
29° 28 05.76 N	89° 40 53.79 W	NAVD88 Orthometric Ht. meters	Operator Full Name:
Observation Session Times (UTC): Sched. Start <u>14:00</u> Stop <u>18:00</u>	Epoch Interval= <u>15</u> Seconds Elevation Mask = <u>15</u> Degrees	GEOID99 Geoid Height meters	Phone #: (601) 421-3757
Actual Start <u>13:55</u> Stop <u>18:00</u>			e-mail address:

Receiver Brand & Model: <u>Trimble 4000 SC</u>	Antenna Code*, Brand & Model: <u>Compa C/L2 w/gr. Plane</u>	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)
P/N: <u>21000-31</u> S/N: <u>3343A04302</u> Firmware Version:	P/N: <u>22020-00</u> S/N: <u>0220010015</u> Cable Length, meters: <u>5.0</u>	Antenna radome used? <input checked="" type="checkbox"/> (Y/N) If yes, describe. Eccentric occupation (>0.5 mm)? <input checked="" type="checkbox"/> (Y/N) Use Any obstructions above 10'? <input checked="" type="checkbox"/> (Y/N) Use Radio interference source nearby (Y/N) Vis. form
<input type="checkbox"/> CamCorder Battery, <input checked="" type="checkbox"/> 12V DC, <input type="checkbox"/> 110V AC, <input type="checkbox"/> Other	Vehicle is Parked <u>50</u> meters <u>E</u> (direction) from antenna.	

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: <u>5000</u> S/N: Last Adjustment date: Psychrometer (if used) Brand & Model: <u>Cheek IT</u> P/N: <u>0622</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>2.000</u>	<u>6.562</u>	<u>2.000</u>	<u>6.562</u>
	B=Additional offset to ARP if any (Tribrach/Spacer)		<u>0.063</u>	<u>0.207</u>	<u>0.063</u>	<u>0.207</u>
H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)		<u>2.063</u>	<u>6.769</u>	<u>2.063</u>	<u>6.769</u>	
Meters = Feet x (0.3048) Height Entered Into Receiver <u>2.000</u> meters.		Note &/or sketch ANY unusual conditions. Be Very Explicit as to where and how Measured!				

Barometer (if used) Brand & Model: <u>Brunton</u> S/N: <u>SheepA</u>	Weather Data	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit Celsius	WetBulb Temp Fahrenheit Celsius	Rel. % Humidity	Atm. Pressure inches Hg millibar
	Before	<u>00000</u>	<u>13:55</u>	<u>50.6</u>	<u>49.6</u>	<u>94%</u>	<u>30.40</u>
	Middle						
	After	<u>00000</u>	<u>18:01</u>	<u>52.4</u>	<u>53.3</u>	<u>100%</u>	<u>30.42</u>

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>MIL20251.dat</u>	Updated Station Description: <input type="checkbox"/> Attached <input checked="" type="checkbox"/> Submitted earlier Visibility Obstruction Form: <input type="checkbox"/> Attached <input checked="" type="checkbox"/> Submitted earlier Photographs of Station: <input type="checkbox"/> Attached <input checked="" 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	0	did not occur	Good, over 15 miles	Normal, 32° F- 80° F	Clear, below 20%	Calm, under 5mph (8km/h)
Codes	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) MILAN 2

Station PID, if any: AT0200 Date (UTC): 25-Jan-06

General Location: Port Sulphur, La. Airport ID, if any: Station 4-Character ID: MIL2 Day of Year: 025

Project Name: EPET 6 - TASK ORDER 1B Project Number: GPS- Station Serial # (SSN): 0013 Session ID: (A,B,C etc) 2

NAD83 Latitude: 29° 28' 05.76" N NAD83 Longitude: 89° 40' 53.79" W NAD83 Ellipsoidal Height: _____ meters

Agency Full Name: 3001, Inc. Operator Full Name: Scotty Tatum

Observation Session Times (UTC): Sched. Start 18:15 Stop 22:15 Epoch Interval = 15 Seconds Elevation Mask = 15 Degrees

NAVD88 Orthometric Ht. _____ meters

Phone #: (601) 421-3757 e-mail address: _____

Actual Start 18:10 Stop 22:15 GEOID99 Geoid Height _____ meters

Receiver Brand & Model: Trimble 4000 SE Antenna Code*, Brand & Model: Comarc L/C w/ rec. Name

P/N: 21000-31 P/N: 22020-00 Antenna plumb before session? (Y/N) Circle

S/N: 3343A04302 S/N: 0220010015 Antenna plumb after session? (Y/N) Yes or No

Firmware Version: _____ Cable Length, meters: _____ Antenna oriented to true North? (Y/N) -If no, explain

CamCorder Battery, 12V DC, 110V AC, Other Vehicle is Parked 50 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) 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: _____

Psychrometer (if used) Brand & Model: Check it P/N: _____ S/N: 0622 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>2.000</u>	<u>6.562</u>	<u>2.000</u>	<u>6.562</u>
B= Additional offset to ARP if any (Tribrach/Spacer)		<u>0.063</u>	<u>0.207</u>	<u>0.063</u>	<u>0.207</u>
H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)		<u>2.063</u>	<u>6.769</u>	<u>2.063</u>	<u>6.769</u>

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

Barometer (if used) Brand & Model: <u>Branston</u>	Weather Data	Weather Codes	Time (UTC)	Dry-Bulb Temp		WetBulb Temp		Rel. % Humidity	Atm. Pressure	
				Fahrenheit	Celsius	Fahrenheit	Celsius		Inches Hg	millibar
S/N: <u>SheepA</u>	Before	<u>00001</u>	<u>18:09</u>	<u>52.4</u>		<u>53.3</u>		<u>100%</u>	<u>30.42</u>	
	Middle									
	After	<u>00001</u>	<u>22:16</u>	<u>51.5</u>		<u>58.6</u>		<u>100%</u>	<u>30.39</u>	

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): MIL20252.dat Updated Station Description: Attached Submitted earlier

(Standard NGS Format = aaaaaddds.xxx) 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	CODE	PROBLEM	VISIBILITY	TEMPERATURE	CLOUD COVER	WIND
Weather	0	did not occur	Good, over 15 miles	Normal, 32° F- 80° F	Clear, below 20%	Calm, under 5mph (8km/h)
Codes	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 SAQ BM)
 876 1602 C TIDAL (nos)

Station PID, if any: AT1392
 Date (UTC): 25-JAN-06

General Location: LAKE HERMITAGE, La.
 Airport ID, if any:

Station 4-Character ID: 160C
 Day of Year: 025

Project Name: IPEF 6 - TASK ORDER 1B
 Project Number: GPS-
 Station Serial # (SSN): 0014
 Session ID: (A,B,C, etc) 1

NAD83 Latitude ^N 29° 33' 33.87"
 NAD83 Longitude ^W 089° 53' 05.06"
 NAD83 Ellipsoidal Height meters
 NAVD88 Orthometric Ht. meters
 GEOID99 Geoid Height meters

Agency Full Name: 3001, INC.
 Operator Full Name: PAUL HOLLINGSWORTH
 Phone #: (601) 513-2321
 e-mail address:

Observation Session Times (UTC):
 Sched. Start 14:00 Stop 18:00
 Actual Start 13:59 Stop 18:00

Epoch Interval = 15 Seconds
 Elevation Mask = 15 Degrees

Receiver Brand & Model:
 Trimble 4000 SE
 P/N: 21000-31
 S/N: 3343A04300
 Firmware Version:

Antenna Code* Brand & Model:
 Compac L/LC w/ 9m Pole
 P/N: 23020-00
 S/N: 0220010011
 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, explain
 Weather observed at antenna ht. (Y/N) explain
 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

CamCorder Battery, 12V DC, 110V AC, Other
 Vehicle is Parked 50 meters SW (direction) from antenna.

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

Psychrometer (if used) Brand & Model:
 P/N: Check IT
 S/N: 0622
 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	6.562	2.000	6.562
B = Additional offset to ARP if any (Tribrach/Spacer)		0.063	0.207	0.063	0.207
H = Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)		2.063	6.579	2.063	6.579

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	
				Fahrenheit	Celsius	Fahrenheit	Celsius		inches Hg	millibar
Brunton sheepA	Before	00001	13:50	54.8		56.0		100%	30.40	
	Middle									
	After	00001	18:05					100%	30.3	

Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc: 56.3, 65.8, 56.8

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): 160C0251.dat
 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	0	did not occur	Good, over 15 miles	Normal, 32° F- 80° F	Clear, below 20%	Calm, under 5mph (8km/h)
Codes	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: <u> </u> FBN <u> </u> CBN <u> </u> PAC <u> </u> SAC <u> </u> BM)	Station PID, if any:	Date (UTC):
	876 1602 C TIDAL (NOS)	AT1392	25-Jan-06
General Location:	Airport ID, if any:	Station 4-Character ID:	Day of Year:
Cable Hermitage, Ca.		160C	025

Project Name:	Project Number:	Station Serial # (SSN):	Session ID: (A,B,C etc)
IPEX 6 - TRK order 1B	GPS-	0014	2

NAD83 Latitude ^N	NAD83 Longitude ^W	NAD83 Ellipsoidal Height	Agency Full Name:
29° 33' 33.87"	089° 53' 05.06"	meters	3001, Inc
Observation Session Times (UTC):	Epoch Interval = <u>15</u> Seconds	NAVD88 Orthometric Ht.	Operator Full Name: PAUL Hollingsworth
Sched. Start <u>18:15</u> Stop <u>22:15</u>	Elevation Mask = <u>15</u> Degrees	meters	Phone #: (601) 513-2321
Actual Start <u>22:18:11</u> Stop <u>22:15</u>		GEOID99 Geoid Height	e-mail address:
		meters	

Receiver Brand & Model:	Antenna Code*, Brand & Model:	Antenna plumb before session? <input checked="" type="checkbox"/> (Y/N) Circle
Trimble R0505	Comarc 6.1/2 w/ga. Mount	Antenna plumb after session? <input checked="" type="checkbox"/> (Y/N) Yes or No
P/N: 21000-31	P/N: 2320-00	Antenna oriented to true North? <input checked="" type="checkbox"/> (Y/N) -If no, explain
S/N: 3343A 0430	S/N: 0520010211	Weather observed at antenna ht. <input checked="" type="checkbox"/> (Y/N) explain
Firmware Version:	Cable Length, meters:	Antenna ground plane used? <input checked="" type="checkbox"/> (Y/N) "
<input type="checkbox"/> CamCorder Battery, <input type="checkbox"/> 12V DC, <input type="checkbox"/> 110V AC, <input type="checkbox"/> Other	Vehicle is Parked <u>50</u> meters <u>SW</u> (direction) from antenna.	Antenna radome used? <input checked="" type="checkbox"/> (Y/N) If yes, describe.
		Eccentric occupation (>0.5 mm)? <input checked="" type="checkbox"/> (Y/N) Use
		Any obstructions above 10°? <input checked="" type="checkbox"/> (Y/N) Use
		Radio interference source nearby <input checked="" type="checkbox"/> (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: <u>5020</u> S/N: Last Adjustment date: Psychrometer (if used) Brand & Model: <u>Check it</u> P/N: S/N: <u>0622</u> 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>2.000</u>	<u>6.562</u>	<u>2.000</u>	<u>6.562</u>
	B= Additional offset to ARP if any (Tribrach/Spacer)		<u>0.063</u>	<u>0.207</u>	<u>0.063</u>	<u>0.207</u>
H= Antenna Height = A + B		<u>2.063</u>	<u>6.769</u>	<u>2.063</u>	<u>6.769</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:	Weather Data	Weather Codes	Time (UTC)	Dry-Bulb Temp		WetBulb Temp		Rel. % Humidity	Atm. Pressure	
				Fahrenheit	Celsius	Fahrenheit	Celsius		Inches Hg	millibar
S/N: <u>SheepA</u>	Before	<u>00001</u>	<u>18:10</u>	<u>56.3</u>		<u>56.8</u>		<u>81%</u>	<u>30.31</u>	
	Middle									
	After	<u>00001</u>	<u>22:20</u>	<u>64.5</u>		<u>60.2</u>		<u>81%</u>	<u>30.39</u>	

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>160C0252.dat</u>	Updated Station Description: <input type="checkbox"/> Attached <input checked="" type="checkbox"/> Submitted earlier	LOG CHECKED BY:
(Standard NGS Format = aaaaaddds.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 checked="" type="checkbox"/> Submitted earlier	
	Photographs of Station: <input type="checkbox"/> Attached <input checked="" type="checkbox"/> Submitted earlier	
	Pencil Rubbing of Mark: <input type="checkbox"/> Attached <input checked="" type="checkbox"/> Submitted earlier	

Table of	CODE	PROBLEM	VISIBILITY	TEMPERATURE	CLOUD COVER	WIND
Weather	0	did not occur	Good, over 15 miles	Normal, 32° F- 80° F	Clear, below 20%	Calm, under 5mph (8km/h)
Codes	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) Reggio 2	Station PID, if any: AT0804	Date (UTC): 2006 01 25								
	General Location: Airport ID, if any: Reggio, LA / ST. BERNARD PARISH	Station 4-Character ID: REG2	Day of Year: 025								
Project Name: IPET6	Project Number: GPS- 1359	Station Serial # (SSN): 0016	Session ID: (A,B,C etc) 1								
NAD83 Latitude 29° 50' 40.719"	NAD83 Longitude 89° 45' 32.430"	NAD83 Ellipsoidal Height -24.15 meters NAVD88 Orthometric Ht. 1.52 meters GEOID99 Geoid Height -25.68 meters	Agency Full Name: 3001 Inc Operator Full Name: Maurice Harward Phone #: (703) 574-2336 e-mail address:								
Observation Session Times (UTC): Sched. Start 14:00 Stop 18:00 Actual Start 13:59 Stop 18:00	Epoch Interval = 10 Seconds Elevation Mask = 13 Degrees	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) Use Any obstructions above 10'? <input checked="" type="checkbox"/> (Y/N) Use Radio interference source nearby (Y/N) <input checked="" type="checkbox"/> (Y/N) Vis. form								
GPS Receiver: Trimble Manufacturer & Model: 4000SE P/N: 21000-31 S/N: 3403A04927 Firmware Version: 7.29 • CamCorder Battery, <input checked="" type="checkbox"/> 12V DC, • 110V AC, • Other	GPS Antenna: Trimble Manufacturer & Model: Comp 2/2 w/ GRA Plane P/N: 22020-02 S/N: 0220024415 Cable Length, meters: 9.35 m Vehicle is Parked 20 meters NW (direction) from antenna.	<table border="1"> <tr> <td>Before Session Begins: measure and record both Meters AND Feet</td> <td>After Session Ends: measure and record both Meters AND Feet</td> </tr> <tr> <td>2.000 6.562</td> <td>2.000 6.562</td> </tr> <tr> <td>0.063 0.206</td> <td>0.063 0.206</td> </tr> <tr> <td>2.063 6.768</td> <td>2.063 6.768</td> </tr> </table>		Before Session Begins: measure and record both Meters AND Feet	After Session Ends: measure and record both Meters AND Feet	2.000 6.562	2.000 6.562	0.063 0.206	0.063 0.206	2.063 6.768	2.063 6.768
Before Session Begins: measure and record both Meters AND Feet	After Session Ends: measure and record both Meters AND Feet										
2.000 6.562	2.000 6.562										
0.063 0.206	0.063 0.206										
2.063 6.768	2.063 6.768										
Tripod or Ant. Mount: Check one: <input checked="" type="checkbox"/> Fixed-Height Tripod, • Slip-Leg Tripod, • Fixed Mount Manufacturer & Model: Seco P/N: 5115-00-yel S/N:	** 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)											
H = Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)											
Note: Meters = Feet X (0.3048) Height Entered Into Receiver = 2.009 meters.	Please note &/or sketch ANY unusual conditions. Be Very Explicit as to where and how Measured!										
Last Calibration date: 24 Jan 2006											
Tribrach: Check one: <input checked="" type="checkbox"/> None, • Wild GDF 22, • Topcon, • Other (describe)											
Last Calibration date:											
Barometer: Manufacturer & Model: BRUNTON SHERPA P/N: S/N: Last Calibration or check Date: 24 JAN. 2006	Weather DATA	Time (UTC)	Dry-Bulb Temp Fahrenheit Celsius	WetBulb Temp Fahrenheit Celsius	Rel. % Humidity	Atm. Pressure inches Hg. millibar	Weather Codes*				
	Before	13:55	55.7	50.0	70%	30.28 1025	01000				
	Middle	16:00	60.2	52.6	64%	30.32 1026	01001				
	After	18:02	61.3	53.3	62%	30.29 1025	01001				
Psychrometer: Manufacturer & Model: Check-IT P/N: S/N: 200402 0622	Average of Readings						* See back of form for codes				
Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc:											
Note: Entries are Required in <u>all</u> Unshaded areas.											
Data File Name(s): REG-20251.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 <input checked="" type="checkbox"/> Visibility Obstruction Form: • Attached <input checked="" type="checkbox"/> Photographs of Station: <input checked="" type="checkbox"/> Attached Pencil Rubbing of Mark: <input checked="" type="checkbox"/> Attached			Submitted earlier <input checked="" type="checkbox"/> Submitted earlier <input checked="" type="checkbox"/> Submitted earlier <input checked="" type="checkbox"/>		LOG CHECKED BY:					

	Station Designation: (check applicable: FBN / CBN / PAC / SAC / BM) Reggio 2	Station PID, if any: AT0804	Date (UTC): 20060125
	General Location: Reggio, LA / ST BERNARD PARISH	Airport ID, if any:	Station 4-Character ID: REGZ
Project Name: IPETL	Project Number: GPS- 1359	Station Serial # (SSN): 0016	Session ID:(A,B,C etc) 2

NAD83 Latitude 29° 50' 40.719"	NAD83 Longitude 89° 45' 32.430"	NAD83 Ellipsoidal Height - 24.15 meters	Agency Full Name: 3001 Inc
Observation Session Times (UTC): Sched. Start 18:15 Stop 22:15 Epoch Interval = 15 Seconds		NAVD88 Orthometric Ht. 1.52 meters	Operator Full Name: Maurice Howard
Actual Start 18:14 Stop _____	Elevation Mask = 13 Degrees	GEOID99 Geoid Height - 25.68 meters	Phone #: (703) 574-2336
			e-mail address:

GPS Receiver: TRIMBLE Manufacturer & Model: 4000SE P/N: 21000-31 S/N: 3403A04927 Firmware Version: 7.29 • CamCorder Battery, • 12V DC, • 110V AC, • Other	GPS Antenna: TRIMBLE Manufacturer & Model: Comp 1/2 w/GRD. Plane P/N: 22020-05 S/N: 0220024415 Cable Length, meters: 9.35M Vehicle is Parked 20 meters NW (direction) from antenna.	Antenna plumb before session? <input checked="" type="checkbox"/> (N) Circle Yes or No Antenna plumb after session? <input checked="" type="checkbox"/> (N) Yes or No Antenna oriented to true North? <input checked="" type="checkbox"/> (N) -If no, explain Weather observed at antenna ht. <input checked="" type="checkbox"/> (N) explain Antenna ground plane used? <input checked="" type="checkbox"/> (N) " Antenna radome used? <input checked="" type="checkbox"/> (N) If yes, describe. Eccentric occupation (>0.5 mm)? <input checked="" type="checkbox"/> (N) Use Any obstructions above 10'? <input checked="" type="checkbox"/> (N) Use Radio interference source nearby? <input checked="" type="checkbox"/> (N) Vis. form
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Tripod or Ant. Mount: Check one: <input checked="" type="checkbox"/> Fixed-Height Tripod, • Slip-Leg Tripod, • Fixed Mount Manufacturer & Model: Seco P/N: 5115-05-4eL S/N:	** 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 6.562 2.000 6.562
	B= Additional offset to ARP if any (Tribrach/Spacer)	0.063 0.206 0.063 0.206

Tribrach: Check one: <input checked="" type="checkbox"/> None, • Wild GDF 22, • Topcon, • Other (describe) Last Calibration date:	H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP) 2.063 6.768 2.063 6.768
	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: BRUNTON S/N: SHERPA Last Calibration or check Date: 24 JAN 2006	Weather DATA	Time (UTC)	Dry-Bulb Temp		WetBulb Temp		Rel. % Humidity	Atm. Pressure		Weather Codes *
			Fahrenheit	Celsius	Fahrenheit	Celsius		Inches Hg	millibar	
	Before	18:13	63.0		53.6		56%	30.28	1025	01001
	Middle	20:15	65.4		53.1		45%	30.25	1024	01001
	After	22:17	67.0		65.2		92%	30.25	1024	01001
	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): REG20252.DAT (Standard NGS Format = aaaaddx.xxx) where aaaa=4-Character ID, ddd=Day of Year, s=Session ID, xxx=file dependant extension	Updated Station Description: • Attached Visibility Obstruction Form: • Attached Photographs of Station: • Attached Pencil Rubbing of Mark: • Attached	<input checked="" type="checkbox"/> Submitted earlier <input checked="" type="checkbox"/> Submitted earlier <input checked="" type="checkbox"/> Submitted earlier	LOG CHECKED BY:
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Station Pencil Rubbing Form

Location / Airport Name and ID Reggio, LA / ST. BERNARD Project IPETG

Station Designation Reggio 2 PID AT0804 Date 25 JAN 2006

Circle all applicable: LA Observer & Organization M. Howard / 3001, INC
PACS SACS BM FBN CBN OTHER HT-MOD

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 FLANGE ENCASED ROD

Inscribed Agency NGS

Stamping Reggio 2 1987

GPS STATION OBSERVATION LOG
 April 16, 2003

Station Designation: (check applicable: ___ FBN ___ CBN ___ PAC ___ SAC ___ BM)
1494 C 1996

Station PID, if any: N/A Date (UTC): 25-JAN-06

General Location: West Pointe A La Hache, La. Airport ID, if any:

Station 4-Character ID: 149C Day of Year: 025

Project Name: EPET 6- TRK ORDER 1B Project Number: GPS-

Station Serial # (SSN): 0017 Session ID: (A,B,C etc) 1

NAD83 Latitude: 29° 34' 19.25" NAD83 Longitude: 89° 48' 13.19" NAD83 Ellipsoidal Height: _____ meters

NAVD88 Orthometric Ht. _____ meters

GEOID99 Geoid Height _____ meters

Agency Full Name: 3001, Inc.

Operator Full Name: JOHN PURPERT

Phone #: 504 237-3579

e-mail address: _____

Observation Session Times (UTC):
 Sched. Start 14:00 Stop 18:00 Epoch Interval = 15 Seconds
 Actual Start 13:55 Stop 18:00 Elevation Mask = 15 Degrees

Receiver Brand & Model: Trimble 4000 SE Antenna Code*, Brand & Model: Compact Li/c2 w/gp plane

P/N: 21000-31 P/N: 22020-00
 S/N: 3343A04305 S/N: 0220024412
 Firmware Version: _____ Cable Length, meters: 5.56M

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

Vehicle is Parked SD 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, explain
 Weather observed at antenna ht. (Y/N) explain
 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: SECO

P/N: _____
 S/N: _____
 Last Adjustment date: 12/12/05

Psychrometer (if used) Brand & Model: CHOK-IT

P/N: 0622
 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>2.000</u>	<u>6.562</u>	<u>2.000</u>	<u>6.562</u>
B = Additional offset to ARP if any (Tribrach/Spacer)				<u>0.063</u>	<u>0.207</u>	<u>0.063</u>	<u>0.207</u>
H = Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)				<u>2.063</u>	<u>6.769</u>	<u>2.063</u>	<u>6.769</u>

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: <u>Brunton</u> S/N: <u>Sheep PA</u>	Weather Data	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit Celsius	WetBulb Temp Fahrenheit Celsius	Rel. % Humidity	Atm. Pressure inches Hg millibar	
	Before	<u>00000</u>	<u>13:50</u>	<u>54.9</u>	<u>55.0</u>	<u>100%</u>	<u>30.22</u>	<u>1023</u>
	Middle							
	After	<u>00000</u>	<u>18:02</u>	<u>60.5</u>	<u>61.5</u>	<u>100%</u>	<u>30.30</u>	<u>1026</u>

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): 149C0251.DAT

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	0	did not occur	Good, over 15 miles	Normal, 32° F- 80° F	Clear, below 20%	Calm, under 5mph (8km/h)
Codes	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)
 1494 C 1996

Station PID, if any: N/A **Date (UTC):** 25 JAN 06

General Location: Airport ID, if any: **Station 4-Character ID:** 149C **Day of Year:** 025

West Pointe A-LA Arche, La.

Project Name: IPEP 6 - TASK ORDER 1B **Project Number:** GPS- **Station Serial # (SSN):** 0017 **Session ID:(A,B,C etc):** 2

NAD83 Latitude: 29° 34' 19.29" **NAD83 Longitude:** 89° 48' 13.19" **NAD83 Ellipsoidal Height:** meters **Agency Full Name:** 3001, Inc

Observation Session Times (UTC): Sched. Start 18:15 Stop 22:15 **Epoch Interval=** 15 **Seconds** **NAVD88 Orthometric Ht.:** meters **Operator Full Name:** JOTHN PURPERTA

Actual Start: 18:11 **Stop:** 22:15 **Elevation:** meters **GEOID99 Geoid Height:** meters **Phone #:** 504 237-3579

Mask = 15 **Degrees** **e-mail address:**

Receiver Brand & Model: Trimble 4000 SE **Antenna Code*, Brand & Model:** Comarc 4/6 w/90 Plane

P/N: 2100031 **P/N:** 22020-00 **Antenna plumb before session?** (Y/N) **Circle**

S/N: 3343A04305 **S/N:** 0220024412 **Antenna plumb after session?** (Y/N) **Yes or No**

Firmware Version: **Cable Length, meters:** 5.56m **Antenna oriented to true North?** (Y/N) **-If no, explain**

CamCorder Battery, 12V DC, 110V AC, Other **Vehicle is Parked** 50 **meters** S **(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: 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: Check It **P/N:** **S/N:** **Last Calibration or check Date:** 0622

** ANTENNA HEIGHT **		Before Session Begins:		After Session Ends:	
		Meters	Feet	Meters	Feet
A= Datum point to Top of Tripod (Tripod Height)		2.000	6.562	2.000	6.562
B= Additional offset to ARP if any (Tribrach/Spacer)		0.063	0.207	0.063	0.207
H= Antenna Height = A + B		2.063	6.769	2.063	6.769
= Datum Point to Antenna Reference Point (ARP)					

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

Barometer (if used) Brand & Model:	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
BRUNTON S/N: ShearPA	Before	00000	18:10	60.5		61.6		94%	30.26	1024
	Middle									
	After	00000	22:18	61.2		61.2		96%	30.25	1024

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): 149C0252.dat **Updated Station Description:** Attached Submitted earlier **LOG CHECKED BY:**

(Standard NGS Format = aaaadddd.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

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

**NATIONAL GEODETIC SURVEY
STATION DESCRIPTION / RECOVERY FORM**

PID: N/A Designation & Alias: 1494 C
 Country: (USA) State: Ca. County: Plaquemines
 Latitude: N 29° 34' 19.28" Longitude: W 89° 48' 13.19" Elevation: _____ (meter / ft)

Original Description (check one):	
<input type="checkbox"/> P	Preliminary (mark has not been set yet)
<input type="checkbox"/> D	A newly set mark
<input type="checkbox"/> R	A recovered mark
Established by: (NGS / CGS / Other:)	
Date:	Chief of Party (Initials):

Recovery Description (check one):	
<input checked="" type="checkbox"/> F	Full description of a station <u>not</u> in the database
<input type="checkbox"/> T	Full description of a station <u>in</u> the database
<input type="checkbox"/> M	<u>Partial</u> description of a station in the database
Recovered by: (NGS / Other:)	
Date:	Chief of Party (Initials):

Monument Stability (check one):	
<input type="checkbox"/> A	Of the most reliable nature; expected to hold well
<input checked="" type="checkbox"/> B	Will probably hold position and elevation well
<input type="checkbox"/> C	May hold well, but subject to ground movement
<input type="checkbox"/> D	Of questionable or unknown reliability

Recovery Condition (check one):	
<input checked="" type="checkbox"/> G	Recovered in good condition
<input type="checkbox"/> N	Not recovered or not found
<input type="checkbox"/> P	Poor, disturbed, or mutilated
<input type="checkbox"/> X	Surface mark known destroyed

Setting Information:	
Marker Type: (Rod / Disk / Other)	
Setting Type: (Bedrock / Concrete / Other:)	
Y / <input checked="" type="checkbox"/> N ?	Monument contains magnetic material?

Stamping:	<u>1494C</u>	<u>1996</u>
Agency Inscription: (NGS / CGS / Other:)	<u>NOS</u>	
Rod Depth:	(meter/ft),	Sleeve Depth: (meter/ft)
Monument is:	(flush / projecting / recessed)	(cm/inch)

Special Type (check all applicable):	
<input type="checkbox"/> F	Fault monitoring site
<input checked="" type="checkbox"/> T	Tidal Station
<input type="checkbox"/> --	Control Station: (FBN / CBN / <u>Bench mark</u>)
<input type="checkbox"/> --	Airport Control Station: (PACS / SACS)
<input checked="" type="checkbox"/> Y / N	Mark is suitable for GPS use?

Transportation (check one):	
<input checked="" type="checkbox"/> G	Car
<input type="checkbox"/> P	Light truck (pickup, carry-all, etc.)
<input type="checkbox"/> X	Four-Wheel Drive Vehicle
<input type="checkbox"/> --	Other (SnowCat, Plane, Boat; describe)
Y / N	Pack Time (hike) to mark? (hh:mm):

See Back of Form to add Text Description

General Station Location: The station is located in West Point-A-LA-Mache, La.
19.5 miles S.E. of LAFITTE, La., 22.9 miles S.E. of Belle
CHASSE, La., 9.1 N.W. of Port Sulphur, La.

(Describe general location; include airline distances to three towns or mapped features.)

Ownership: Port Sulphur Water Works Department

(name, address, phone of landowner)

To Reach Narrative: To reach the station from the intersection of Highways 23 and 406 in
Belle Chasse, La. Proceed South east on Hwy 23 28.3 miles to the
Port Sulphur Water Works Plant on the left. Turn left
on Gravel Rd. on the N.W. side of the Plant. Follow gravel
Rd. approx 450' to another gravel Road, leading N.E. Follow R.O.
ending North east approx 200' to MARK on the left.

(Leg-by-leg distances and directions from major road intersection to mark)

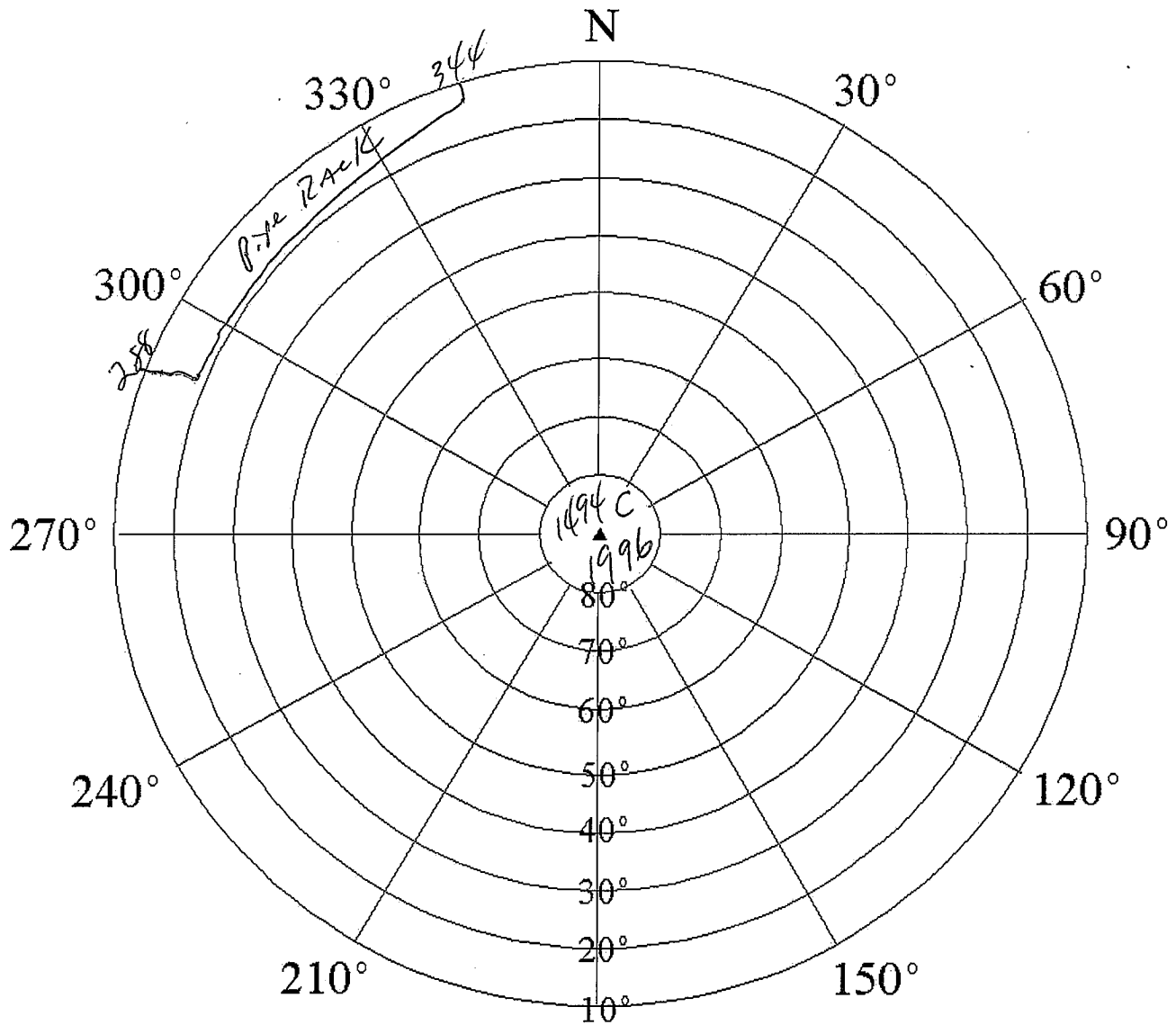
Monument Description and Measurements: The station is A DISK set in concrete
slab. MARK is near the N.E. corner of the slab. Slab is 8' x
17' x 9" thick. 7.3' N.E. of S.E. corner of slab. 23.3' N.E.
of the N.E. corner of a Pipe Rack. 0.8' S.W. of the NE
corner of the concrete slab.

(Add at least three measurements to permanent, identifiable, nearby objects; and a description of the monument size, shape, height, etc.)

NOTE: - Include a pencil rubbing, sketch, or photographs of mark.

Described by: John Purperat Phone: (504) 237-3579 e-mail: _____

NATIONAL GEODETIC SURVEY VISIBILITY OBSTRUCTION DIAGRAM



INSTRUCTIONS:

Identify obstructions by azimuth (magnetic) and elevation angle (above horizon) as seen from station mark. Indicate distance and direction to nearby structures and reflective surfaces (potential multipath sources).

4-char ID: 149C Designation: 1494 C 1996
 PID: N/A Location: West Pointe A La Hache
 County: Maguamine Reconnaissance By: John Purperat
 Height above mark, meters: 1.6 Agency/Company: 3001, Inc.
 Phone: (504) 237-3579 Date: 1/23/06

Check if no obstructions above 10 degrees



Station Pencil Rubbing Form

Location / Airport Name and ID West Pointe Ala-Hache, La. *Mag Marsh* Project IPet 6-TASK 1B

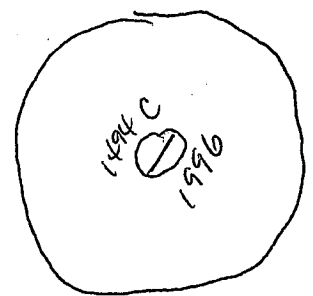
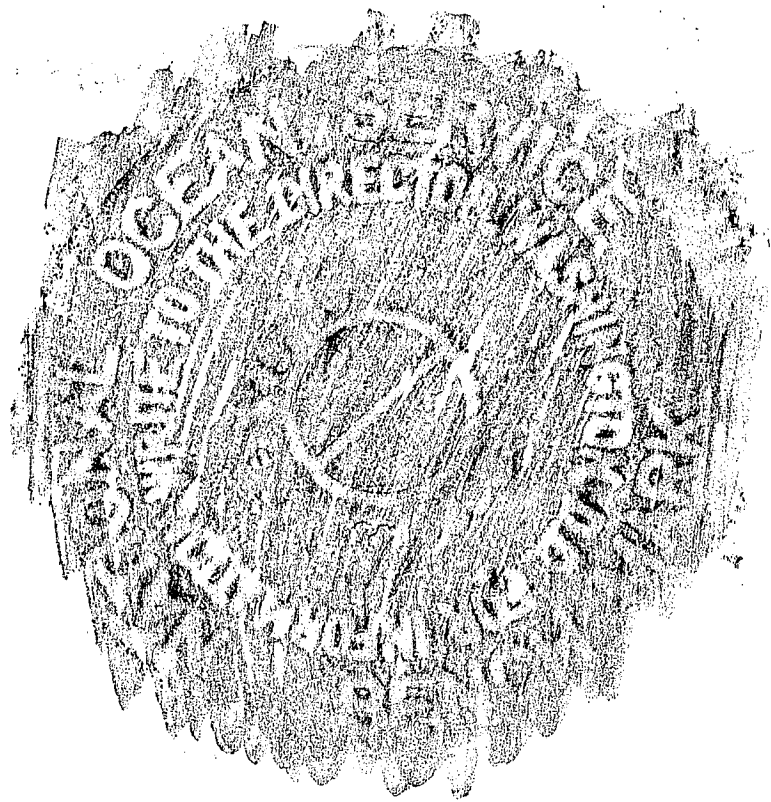
Station Designation 1494 C 1996 PID None Date 1/23/06

Circle all applicable: PACS SACS BM FBN CBN OTHER _____

Observer & Organization John Purpera - 3001 IRE

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 DISK

Inscribed Agency NOS

Stamping 1494 C 1996