

GPS STATION OBSERVATION LOG
 April 16, 2003

Station Designation: (check applicable: FBN CBN PAC SAC BM) *C189 La. Height Modernization Station* Station PID, if any: *BH1119* Date (UTC): *1/8/06*
 General Location: *Hwy 90 - Near Chef Pass - Orleans Parish* Airport ID, if any: Station 4-Character ID: *C189* Day of Year: *0008*

Project Name: *IPET 6 - TASK ORDER 1A* Project Number: *GPS-* Station Serial # (SSN): *0005* Session ID: (A,B,C etc) *1*

NAD83 Latitude: *30° 04' 24.58"* NAD83 Longitude: *89° 50' 25.93"* NAD83 Ellipsoidal Height: _____ meters
 NAVD88 Orthometric Ht. _____ meters
 GEOID99 Geoid Height _____ meters
 Observation Session Times (UTC): Sched. Start *14:00* Stop *18:00* Actual Start *13:56* Stop *18:00*
 Epoch Interval = *15* Seconds Elevation Mask = *15* Degrees
 Agency Full Name: *3001, INC* Operator Full Name: *Brandon Webb*
 Phone #: () e-mail address:

Receiver Brand & Model: *Trimble 4000SE* Antenna Code*, Brand & Model: *Comptek LK2 w/9.2 Plate*
 P/N: *21000-31* S/N: *3343A04302* Firmware Version: _____
 P/N: *22020-00* S/N: *0220010011* Cable Length, meters: *10.4 meters*
 CamCorder Battery, 12V DC, 110V AC, Other Vehicle is Parked *50* meters *E* (direction) from antenna.
 Antenna plumb before session? (Y/N) Circle
 Antenna plumb after session? (Y/N) Yes or No
 Antenna oriented to true North? (Y/N) -if no, 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: *SECO*
 P/N: _____ S/N: _____ Last Adjustment date: *12/12/05*
 Psychrometer (if used) Brand & Model: *CHECK-IT 622*
 P/N: _____ S/N: _____ Last Calibration or check Date: _____
**** ANTENNA HEIGHT ****
 Before Session Begins: Meters Feet After Session Ends: Meters Feet
 A= Datum point to Top of Tripod (Tripod Height) *2.000* *6.562* *2.000* *6.562*
 B= Additional offset to ARP if any (Tribrach/Spacer) *0.063* *0.207* *0.063* *0.207*
 H= Antenna Height = A + B *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: <i>Brunton SHERPA</i> S/N: _____	Weather Data	Weather Codes	Time (UTC)	Dry-Bulb Temp		WetBulb Temp		Rel. % Humidity	Atm. Pressure	
				Fahrenheit	Celsius	Fahrenheit	Celsius		inches Hg	millibar
Before		<i>0000</i>	<i>13:58</i>	<i>65.5</i>		<i>60.1</i>		<i>100</i>	<i>30.18</i>	<i>1022</i>
Middle		<i>00001</i>	<i>16:03</i>	<i>68.1</i>		<i>71.3</i>		<i>100</i>	<i>30.18</i>	<i>1022</i>
After		<i>00001</i>	<i>18:01</i>	<i>71.3</i>		<i>74.1</i>		<i>100</i>	<i>30.16</i>	<i>1021</i>


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

Weather codes are required. Weather data are optional but encouraged. *Antenna code comes from any info file furnished by project coordinator.

Data File Name(s): *C1890081.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 Weather Codes	CODE	PROBLEM	VISIBILITY	TEMPERATURE	CLOUD COVER	WIND
	<i>0</i>	did not occur	Good, over 15 miles	Normal, 32° F- 80° F	Clear, below 20%	Calm, under 5mph (8km/h)
	<i>1</i>	did occur	Fair, 7-15 miles	Hot, over 80° F (27 C)	Cloudy, 20% to 70%	Moderate, 5 to 15 mph
	<i>2</i>	- 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):
	C189 La. Height Modernization Station General Location: Airport ID, if any: Hwy 90 - Near Chef Pass - Orleans Parish	BH1119	118106
Project Name:	Project Number:	Station 4-Character ID:	Day of Year:
IPET - TASK ORDER 1A	GPS-	C189	008

Project Name:	Project Number:	Station Serial # (SSN):	Session ID:(A,B,C etc)
IPET - TASK ORDER 1A	GPS-	0005	2
NAD83 Latitude	NAD83 Longitude	NAD83 Ellipsoidal Height	Agency Full Name:
30° 04' 24.54"	89° 50' 25.91"	meters	3001 IAL
Observation Session Times (UTC):	Epoch	NAVD88 Orthometric Ht.	Operator Full Name:
Sched. Start 18:15 Stop 22:15	Interval= 15 Seconds	meters	Brandon Well
Actual Start 18:10 Stop 22:15	Elevation	GEOID99 Geoid Height	Phone #: ()
	Mask = 15 Degrees	meters	e-mail address:

Receiver Brand & Model:	Antenna Code*, Brand & Model:	Antenna plumb before session? (Y/N)	Circle
Trimble 4000 SE	Compac L/L2 with ground plane	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
S/N: 3343A04302	S/N: 022001011	Weather observed at antenna ht. (Y/N)	"
Firmware Version:	Cable Length, meters: 10.4	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 50 meters E (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: SELO P/N: S/N: Last Adjustment date: 12/12/05 Psychrometer (if used) Brand & Model: CHECK-IT 622 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)		2.000	6.562	2.000	6.562
	B= Additional offset to ARP if any (Tribrach/Spacer)		.063	0.207	.063	0.207
H= Antenna Height = A + B						
= Datum Point to Antenna Reference Point (ARP)		2.063	6.769	2.063	6.769	
Meters = Feet x (0.3048)		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		WetBulb Temp		Rel. % Humidity	Atm. Pressure	
				Fahrenheit	Celsius	Fahrenheit	Celsius		inches Hg	millibar
Brunton S/N: sherpa	Before	00001	18:08	71.3		74.1		100%	30.16	1021
	Middle	00001	20:05	71.7		73.2		100%	30.13	1020
	After	00001	22:16	71.0		72.3		100%	30.14	1020

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): C1890082.DAT	Updated Station Description: <input checked="" type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier	LOG CHECKED BY:
(Standard NGS Format = aaaaddss.xxx)	Visibility Obstruction Form: <input checked="" type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier	
where aaaa=4-Character ID, ddd=Day of Year, s=Session ID, xxx=file dependant extension	Photographs of Station: <input checked="" type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier	
	Pencil Rubbing of Mark: <input checked="" type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier	

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		



Station Pencil Rubbing Form

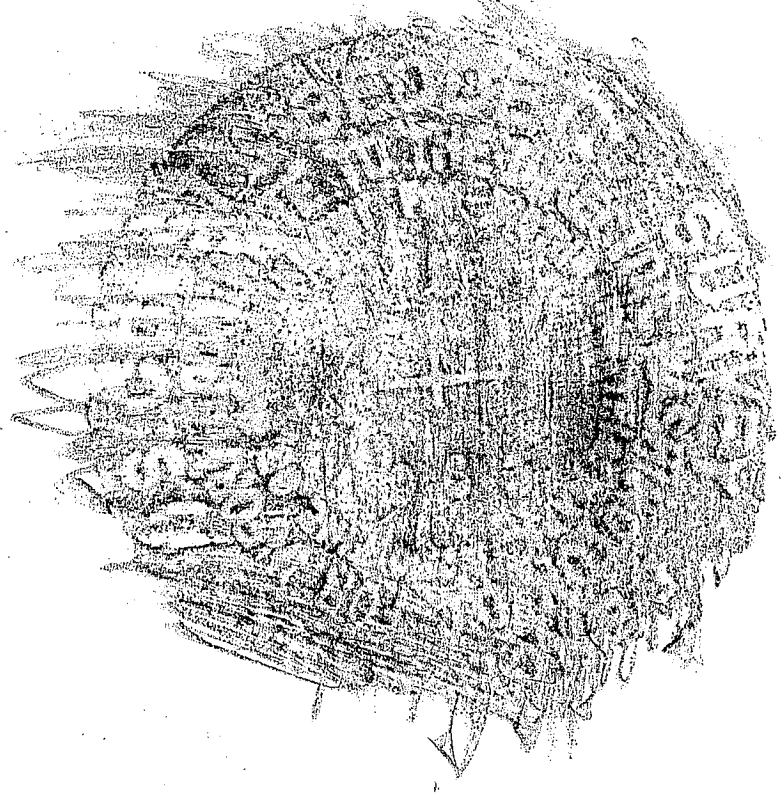
Location / Airport Name and ID Hwy 90 - Venetian Isle - Orleans project IPCT

Station Designation C 189 PID BH1119 Date 1/8/06

Circle all applicable: PACS SACS BM FBN CBN OTHER LA H Mon Observer & Organization Brandon Webb - 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 DISK

Inscribed Agency NGS

Stamping C 189 1963

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

PID: BH1119 Designation & Alias: C 189
 Country: (USA) State: La. County: ORLEANS
 Latitude: N 30° 04' 24.5" Longitude: W 89° 50' 25.2" Elevation: 0.63 (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 type="checkbox"/> F	Full description of a station <u>not</u> in the database
<input checked="" type="checkbox"/> I	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:) <u>3001, Iwe</u>	
Date: <u>1/6/05</u>	Chief of Party (initials): <u>JCP</u>

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) <u>Disk</u>	
Setting Type: (Bedrock / Concrete / Other:) <u>46</u>	
<input checked="" type="checkbox"/> Y / ?	Monument contains magnetic material?

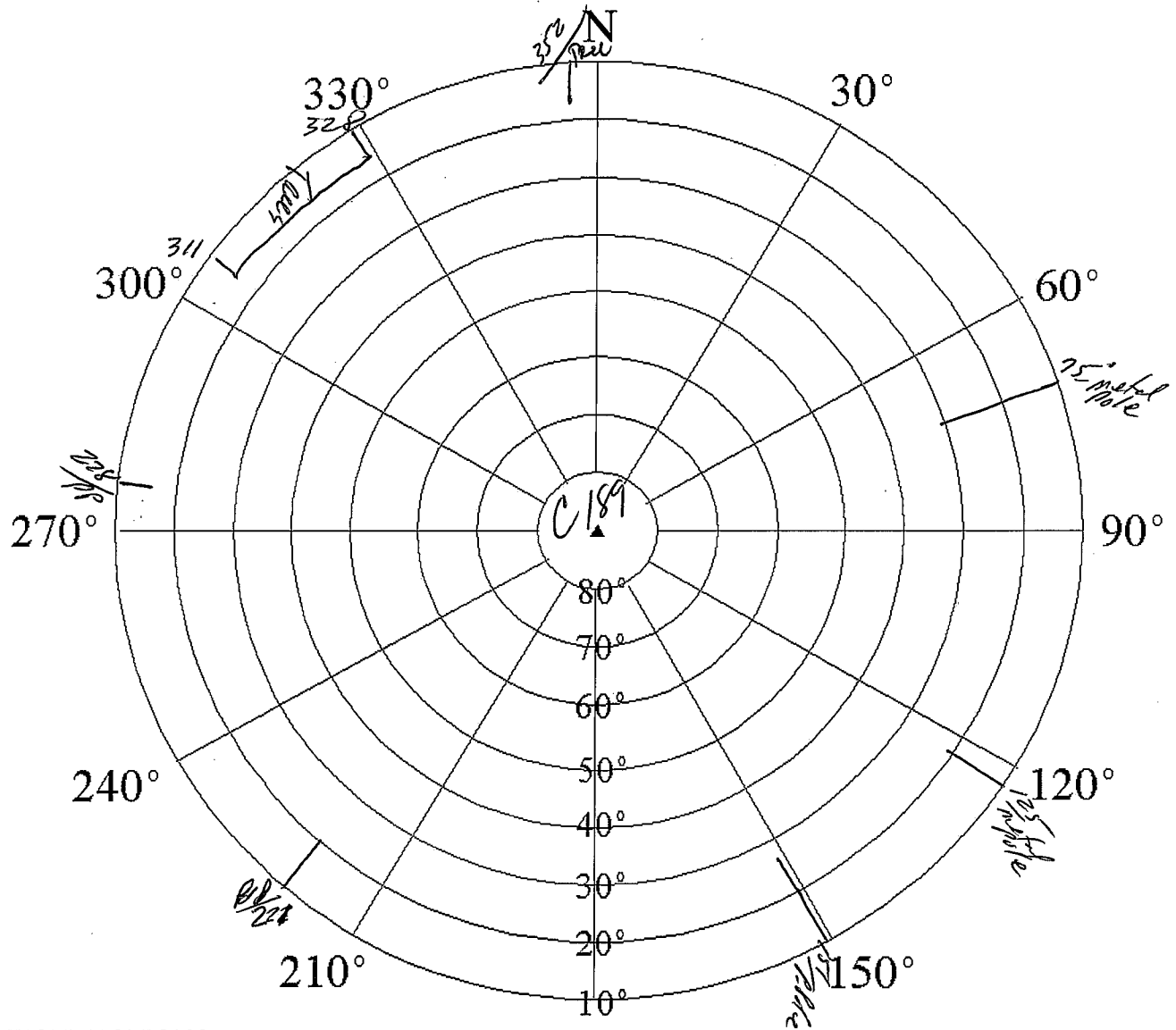
Stamping: <u>C 189 1963</u>	
Agency Inscription: (NGS / CGS / Other:) <u>CGS</u>	
Rod Depth: <u>30.3</u> (meter/ft), Sleeve Depth: <u>1.0</u> (meter/ft)	
Monument is: <u>(flush)</u> projecting / recessed (cm/inch)	

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

Transportation (check one):	
<input checked="" type="checkbox"/> C	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? (h:mm):

See Back of Form to add Text Description

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: C189 Designation: C189


PID: _____ Location: Hwy 90 - Venetian Isles

County: Orleans Reconnaissance By: Jolko Pursper

Height above mark, meters: 1.8 Agency/Company: 3001 Inc

Phone: (504) 237-3579 Date: 1/6/05

Check if no obstructions above 10 degrees

 GPS STATION OBSERVATION LOG April 16, 2003	Station Designation: (check applicable: <input checked="" type="checkbox"/> FBN <input type="checkbox"/> CBN <input type="checkbox"/> PAC <input type="checkbox"/> SAC <input checked="" type="checkbox"/> BM) ALCO	Station PID, if any: BJ1342	Date (UTC): JAN 08, 2006
	General Location: LAKE PONTCHARTRAIN Floodwall Kenner, LA	Airport ID, if any: ALCO	Station 4-Character ID: ALCO

Project Name: IPEP TO 6 PHASE 213	Project Number: GPS- 0004	Station Serial # (SSN): 0004	Session ID: (A,B,C etc) 1
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NAD83 Latitude 30° 01' 36.522N	NAD83 Longitude 092° 06' 46.21W	NAD83 Ellipsoidal Height -24.37 meters	Agency Full Name: 3001, INC Operator Full Name: VERNON MCNEER Phone #: () e-mail address:
Observation Session Times (UTC): Sched. Start 13:55 Stop 18:00	Epoch Interval = 15 Seconds Elevation Mask = 13 Degrees	NAVD88 Orthometric Ht. 1.87 meters GEOID99 Geoid Height -26.24 meters	

Receiver Brand & Model: TRIMBLE 4000SSI P/N: 2840-11 S/N: 3608A1462 Firmware Version:	Antenna Code*, Brand & Model: TRIMBLE COMP 621LZ W/GRD PLANE P/N: 2202-SD S/N: 0220050496 Cable Length, meters: 5.15M	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 <input checked="" type="checkbox"/> meters E (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: 01-08-2006 Psychrometer (if used) Brand & Model: check-IT Electronics P/N: S/N: model 622 Last Calibration or check Date: 01-07-2006	** ANTENNA HEIGHT **		Before Session Begins: Meters Feet	After Session Ends: Meters Feet
	A = Datum point to Top of Tripod (Tripod Height)	2.063	2.063	
	B = Additional offset to ARP if any (Tribrach/Spacer)	0.063	0.063	
	H = Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)	2.063	2.063	
Meters = Feet x (0.3048) Note &/or sketch ANY unusual conditions. Height Entered Into Receiver = 2.000 meters. Be Very Explicit as to where and how Measured!				


Barometer (if used) Brand & Model: BRUNTON S/N: SEHERPA	Weather Data	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit	Celsius	WetBulb Temp Fahrenheit	Celsius	Rel. % Humidity	Atm. Pressure inches Hg	millibar
	Before	00000	13:50	62°		58.2°		81%	30.09	1018
	Middle	00001	16:06	62.5°		63.2°		99%	30.10	1019
	After	00001	18:08	65.7°		65.2°		96%	30.06	1018

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): ALCO 0082.0A1 (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		

 GPS STATION OBSERVATION LOG April 16, 2003	Station Designation: (check applicable: <input checked="" type="checkbox"/> FBN <input type="checkbox"/> CBN <input type="checkbox"/> PAC <input type="checkbox"/> SAC <input checked="" type="checkbox"/> BM) ALCO	Station PID, if any: BJ1342	Date (UTC): JAN 08, 2006
	General Location: LAKE PONTCHARTRAIN Floodwall Kenner, LA	Airport ID, if any: ALCO	Station 4-Character ID: ALCO

Project Name: IPET TO 6 PHASE 213	Project Number: GPS-	Station Serial # (SSN): 0004	Session ID: (A,B,C etc) 2
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NAD83 Latitude 30° 01' 36.522N	NAD83 Longitude 090° 06' 46.21W	NAD83 Ellipsoidal Height -28.37 meters	Agency Full Name: 3001, INC
Observation Session Times (UTC): Sched. Start 18:15 Stop 22:15	Epoch Interval = 15 Seconds	NAVD88 Orthometric Ht. 2.87 meters	Operator Full Name: VERNON M Neg
Actual Start 18:15 Stop 22:15	Elevation Mask = 13 Degrees	GEOID99 Geoid Height -26.24 meters	Phone #: ()
			e-mail address:

Receiver Brand & Model: TREMBLE 4000 SSI	Antenna Code*, Brand & Model: TREMBLE COMP L2/L2 w/gnd PLANE	Antenna plumb before session? <input type="checkbox"/> (Y/N) Circle Yes or No Antenna plumb after session? <input checked="" type="checkbox"/> (Y/N) -if no, explain Antenna oriented to true North? <input checked="" type="checkbox"/> (Y/N) Weather observed at antenna ht. <input checked="" type="checkbox"/> (Y/N) Antenna ground plane used? <input checked="" type="checkbox"/> (Y/N)
P/N: 2840-11 S/N: 360841 4652 Firmware Version:	P/N: 2202000 S/N: 0220050496 Cable Length, meters: 5.15m	Antenna radome used? <input type="checkbox"/> (Y/N) If yes, describe. Eccentric occupation (>0.5 mm)? <input type="checkbox"/> (Y/N) Any obstructions above 10°? <input type="checkbox"/> (Y/N) Use Radio interference source nearby <input type="checkbox"/> (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 50 meters E (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: SECO P/N: S/N: Last Adjustment date: 01-07-06	** ANTENNA HEIGHT **	Before Session Begins: Meters Feet	After Session Ends: Meters Feet
Psychrometer (if used) Brand & Model: check-IT Electronics P/N: S/N: Last Calibration or check Date: 01-07-06	A= Datum point to Top of Tripod (Tripod Height)	2.000	2.000
	B= Additional offset to ARP if any (Tribrach/Spacer)	0.063	0.063
	H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)	2.063	2.063
Meters = Feet x (0.3048) Note &/or sketch ANY unusual conditions. Height Entered Into Receiver = 2.000 meters. Be Very Explicit as to where and how Measured!			

Barometer (if used) Brand & Model: BRUNTON 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	00007	18:08	65.7	65.20	96%	30.06 1018
	Middle	00001	20:00	71.5	72.40	99%	29.88 1015
	After	00010	22:05	70.8	71.0	100%	30.04 1017

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): ALCO 0082.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		

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

PID: BT1342 Designation & Alias: ALCO
 Country: (USA /) State: La. County: Orleans
 Latitude: N 30° 01' 36.5" Longitude: W 90° 06' 46.2" Elevation: 1.87 (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 type="checkbox"/> F	Full description of a station <u>not</u> in the database
<input checked="" 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:) <u>3001, Inc</u>	
Date: <u>1/6/06</u>	Chief of Party (initials): <u>QCP</u>

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 / <u>Disk</u> / Other)	
Setting Type: (Bedrock / <u>Concrete</u> / Other:)	
Y / <u>N</u> ?	Monument contains magnetic material?

Stamping:	<u>ALCO 1931</u>
Agency Inscription: (NGS / <u>CGS</u> / Other:)	<u>CGS</u>
Rod Depth: <u>—</u> (meter/ft), Sleeve Depth: <u>—</u> (meter/ft)	
Monument is: (<u>flush</u>) projecting / recessed)	(cm/inch)

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

Transportation (check one):	
<input checked="" type="checkbox"/> C	Car
<input type="checkbox"/> P	Light truck (pickup, carry-all, etc.)
<input type="checkbox"/> X	Four-Wheel Drive Vehicle
<input type="checkbox"/> O	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 Oceanus Parish near Old
Coast Guard Station along Lake Shore Drive, 5.4 miles
N.W. of New Orleans La. 8.9 miles NE of Kenner,
La. 28.9 miles S.W. of Slidell, La.

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

Ownership: unknown

(name, address, phone of landowner)

To Reach Narrative: To reach the station from the intersection of I-10 #1610 Drive North
on West end Blvd. 1.3 miles. The Rd. becomes Lakefront Drive.
Go another 0.4 miles to a curve to the east. Turn left
into the old entrance to the abandoned coast guard station.
This is also in front of Joe's Crab Shack Restaurant and the
Marl on the Right.

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

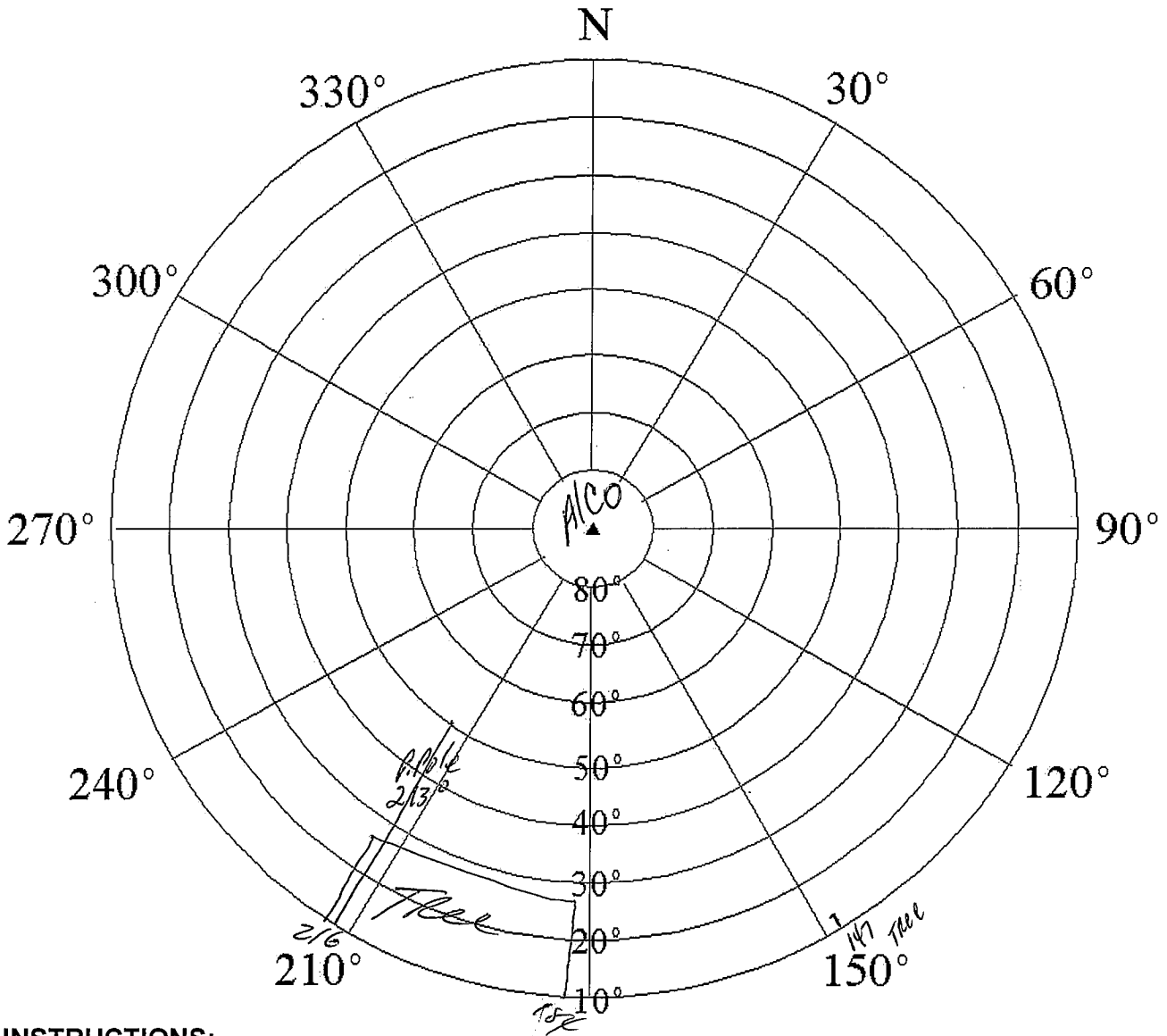
Monument Description and Measurements: The station is a Triangulation Sta.
set flush with the top of the seawall. 68.3' east of
the corner of the floodwall. 23.5' N.East of a light pole and
54' Northwest of a storm drain.

(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 Purpusat Phone: (504) 237-3579 e-mail: JPurpusat@3001.cre.com

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: ALCO Designation: ALCO
 PID: 851342 Location: Orleans Parish - Lakefront
 County: ORLEANS Reconnaissance By: JOHN PURPERTA
 Height above mark, meters: 1.2 Agency/Company: 3001, INC.
 Phone: (504) 237-3579 Date: _____

Check if no obstructions above 10 degrees



Station Pencil Rubbing Form

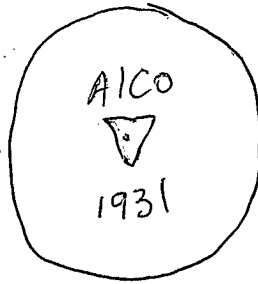
Location / Airport Name and ID LAKE SHORES DF. - Ontario Preside Project IPET

Station Designation ALCO PID _____ Date 1/8/06

Circle all applicable: PACS SACS BM FBN CBN OTHER _____ Observer & Organization VERNON McNEAL - 3001, DR

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.



4



Remarks:

Monument Type DISK

Inscribed Agency USC & GS

Stamping ALCO 1931

	Station Designation: (check applicable: <input type="checkbox"/> FBN <input type="checkbox"/> CBN <input type="checkbox"/> PAC <input checked="" type="checkbox"/> SAC <input type="checkbox"/> BM)	Station PID, if any:	Date (UTC):
	876 1678 A (1982)	N/A	8-JAN-06
General Location:	Airport ID, if any:	Station 4-Character ID:	Day of Year:
Michoud Sub Station - New Orleans East		167A	008

Project Name: FPET 6 - TASK ORDER 1A	Project Number: GPS-	Station Serial # (SSN): 0006	Session ID: (A,B,C etc) 1
---	-------------------------	---------------------------------	------------------------------

NAD83 Latitude 30° 00' 24.95"	NAD83 Longitude 089° 56' 15.30"	NAD83 Ellipsoidal Height meters	Agency Full Name: 3001, INC.
Observation Session Times (UTC): Sched. Start 14:00 Stop 18:00 Actual Start 13:55 Stop 18:00	Epoch Interval = 15 Seconds Elevation Mask = 15 Degrees	NAVD88 Orthometric Ht. meters GEOID99 Geoid Height meters	Operator Full Name: JOHN PURPERA Phone #: (504) 237-3579 e-mail address: JPURPERA@3001INC.COM

Receiver Brand & Model: Trimble 4000SE P/N: 21000-31 S/N: 3343A04305 Firmware Version: <input type="checkbox"/> CamCorder Battery, <input checked="" type="checkbox"/> 12VDC, <input type="checkbox"/> 110V AC, <input type="checkbox"/> Other	Antenna Code*, Brand & Model: COMPAC C1/C2 w/ GR. PLANE P/N: 22020-00 S/N: 0220010015 Cable Length, meters: → 5.56 Vehicle is Parked <u>50</u> meters <u>N</u> (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: <input checked="" type="checkbox"/> Fixed-Leg Tripod, <input type="checkbox"/> Collapsible-leg tripod, <input type="checkbox"/> Fixed Mount Brand & Model: P/N: 5ECO S/N: Last Adjustment date: 1/8/06 Psychrometer (if used) Brand & Model: P/N: CHECK-IT S/N: Model 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	6.769	2.063	6.769
Meters = Feet x (0.3048) Height Entered Into Receiver = 2.000 meters.		Note &/or sketch ANY unusual conditions. Be Very Explicit as to where and how Measured!					

Barometer (if used) Brand & Model: S/N: BRANTON 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	13:45	59.2	59.8	98%	30.07
Middle		00001	15:54	67.2	67.8	99%	30.07	1018
After		00001	18:01	72.2	72.5	99%	30.00	1016

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

Stamping - 1678 A 1982

Plenty obstructions - But it's the Best of the 4 which we had to choose from.

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): 167A0081.DAT	Updated Station Description: <input checked="" 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 checked="" type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier	
	Photographs of Station: <input checked="" type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier	
	Pencil Rubbing of Mark: <input checked="" 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) **876 1678A (1982)**

Station PID, if any: **N/A** Date (UTC): **8-JAN-06**

General Location: **Michoud Sab Station - New Orleans EAST** Airport ID, if any:

Station 4-Character ID: **167A** Day of Year: **008**

Project Name: **IP076 - TASK ORDER 1A** Project Number: **GPS-**

Station Serial # (SSN): **0006** Session ID: (A,B,C etc) **2**

NAD83 Latitude: **30° 00' 26.95"** NAD83 Longitude: **89° 56' 15.30"** NAD83 Ellipsoidal Height: _____ meters

NAVD88 Orthometric Ht. _____ meters

GEOID99 Geoid Height _____ meters

Agency Full Name: **3001, Inc**

Operator Full Name: **Johan Pusperta**

Phone #: **(504) 237-3579**

e-mail address: _____

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

Actual Start **18:11** Stop **22:15** Elevation Mask = **15** Degrees

Receiver Brand & Model: **Trimble 40050** Antenna Code*, Brand & Model: **COMPAR C/Cu w/ 92 Plane**

P/N: **21000-31** P/N: **22020-00**
S/N: **3343A04305** S/N: **0220010045**
Firmware Version: _____ Cable Length, meters: **5.56**

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

Vehicle is Parked **50** 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

Tripod or Antenna Mount: Check one:
 Fixed-Leg Tripod, Collapsible-leg tripod, Fixed Mount

Brand & Model: _____

P/N: **500**
S/N: _____
Last Adjustment date: **1/8/06**

Psychrometer (if used) Brand & Model: **Check-IT**

P/N: _____
S/N: **MOCK 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	6.769	2.063	6.769

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

Barometer (if used) Brand & Model: S/N: Beunton Sherpa	Weather Data	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit Celsius		WetBulb Temp Fahrenheit Celsius		Rel. % Humidity	Atm. Pressure inches Hg millibar	
	Before		00001	18:10	72.6		72.5		99%	30.00
Middle										
After		01011	22:16	72.3		72.3		99%	29.99	1015

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): **167A0082.dat**

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

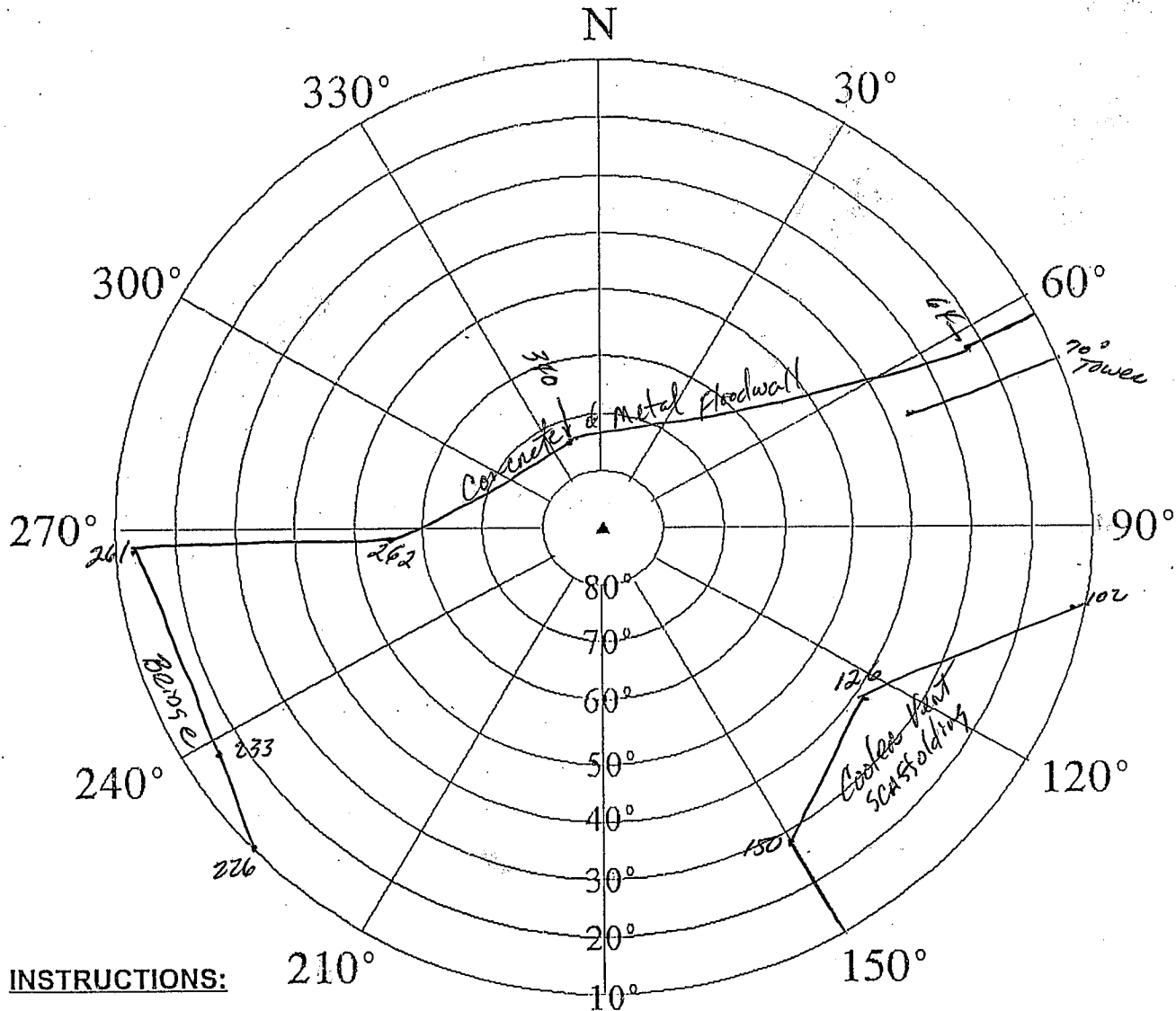
Updated Station Description: Attached Submitted earlier
Visibility Obstruction Form: Attached Submitted earlier
Photographs of Station: Attached Submitted earlier
Pencil Rubbing of Mark: Attached

LOG CHECKED BY: _____

Table of	CODE	PROBLEM	VISIBILITY	TEMPERATURE	CLOUD COVER	WIND
Weather	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

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).

Designation: 876 1678 A

PID: NONE

Location: Michoud Sub Station

County: Orleans

Reconnaissance By: JOHN PURPERA

Height above mark: 1.8 Meters

Agency/Company: 3001, Inc

Phone: (504) 237-3579 Date: 1/8/06



Station Pencil Rubbing Form

Location / Airport Name and ID Michoud Sub Station - Orleans Parish Project IPET 6

Station Designation 876 1678 A PID NONE Date 1/8/06

Circle all applicable:

PACS SACS BM FBN CBN OTHER _____

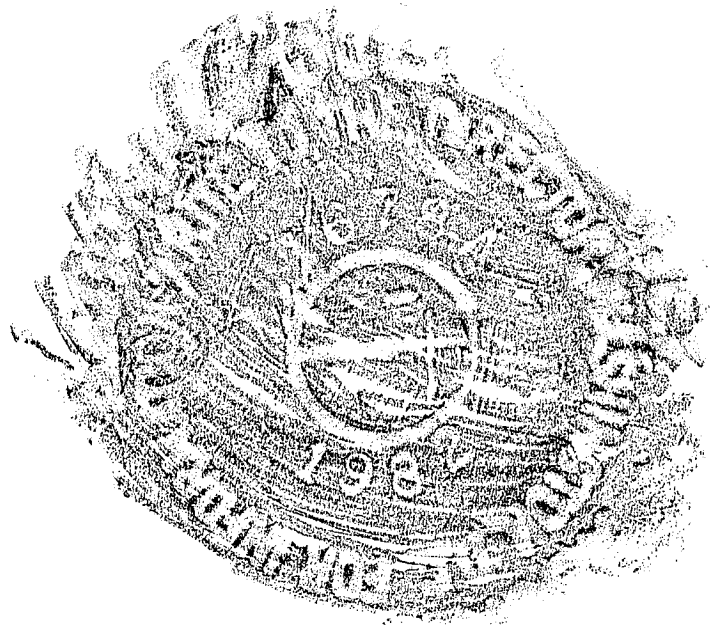
Observer &

Organization John Parpera - 300, 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.

AS



Remarks:

Monument Type DISK

Inscribed Agency NOS

Stamping 1678 A 1982

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

PID: NONE Designation & Alias: 876 1678 A
 Country: (USA /) State: La. County: ORLEANS
 Latitude: N ° ' " Longitude: W ° ' " 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:) <u>3001, Inc</u>	
Date: <u>1/8/06</u>	Chief of Party (initials): <u>JCP</u>

Monument Stability (check one):	
<input type="checkbox"/> A	Of the most reliable nature; expected to hold well
<input type="checkbox"/> B	Will probably hold position and elevation well
<input checked="" 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 / <u>Disk</u> / Other)	
Setting Type: (Bedrock / <u>Concrete</u> / Other:)	
<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N / (?)	Monument contains magnetic material?

Stamping: <u>1678 A 1982</u>	
Agency Inscription: (NGS / CGS / Other:)	<u>Nat. Ocean Service (NOS)</u>
Rod Depth: _____ (meter/ft),	Sleeve Depth: _____ (meter/ft)
Monument is: (<u>Flush</u> / projecting / recessed)	(cm/inch)

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

Transportation (check one):	
<input checked="" type="checkbox"/> C	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? (hr:min):

See Back of Form to add Text Description

General Station Location: The station is located in Orleans Parish at the Entergy Michoud Plant. 4.2 miles Northeast of Chalmette, 9.9 miles North East of New Orleans, 20.0 miles Southwest of Slidell.

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

Ownership: Entergy

(name, address, phone of landowner)

To Reach Narrative: To reach the station from the intersection of I-510 & I-70 (exit 246) Go South on I-510 2.3 miles to exit 2C. Follow Exit Ramp to Old Gentilly Rd. 0.6 miles. Turn Left on Old Gentilly Rd. And go 0.5 miles to entrance to Entergy etc Facility (Michoud Plant). Turn Right For 500' to guard house. Keep straight For 0.25 miles to T-intersection. Turn Right For 0.15 miles to Ramp on the Left. Just on the west side of Alumina. Building, follow Ramp to top of levee and Floodgate in Floodwall 30 (leg-by-leg distances and directions from major road intersection to mark) through Floodgate (N2) to Mark on the Right.

Monument Description and Measurements: The station is A Disk set Flush with the top of the concrete. 4.0' south of the Floodwall, 9.0' southwest of the west side of the Floodgate opening. 46.0' Northwest of the Northwest Corner of the green Cooler vent scaffolding. Mark is a NOS (National Ocean Survey) monument. Stamped 1678 A 1982.

(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 Pucper Phone: (504) 237-3579 e-mail: PucperA@32010rc.com

GPS STATION OBSERVATION LOG
 April 16, 2003

Station Designation: (check applicable: FBN CBN PAC SAC BM)
DISTRICT 1A

Station PID, if any: **AU2196** Date (UTC): **20060108**

General Location: **New Orleans, LA / ORLEANS PARISH**

Airport ID, if any: **DIST** Day of Year: **008**

Project Name: **IPETL** Project Number: **GPS-1357** Station Serial # (SSN): **0003** Session ID: (A,B,C etc) **1**

NAD83 Latitude: **29° 55' 53.42"** NAD83 Longitude: **90° 08' 02.38"** NAD83 Ellipsoidal Height: _____ meters
 NAVD88 Orthometric Ht.: **3.45** meters
 GEOID99 Geoid Height: **-26.10** meters

Agency Full Name: **3001, Inc.**
 Operator Full Name: **Maurice Hansard**
 Phone #: **(985) 718-4519**
 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 = **13** Degrees

Receiver Brand & Model: **Trimble 4000SE**
 P/N: **21000-31**
 S/N: **3403A04927**
 Firmware Version: **7.29**

Antenna Code*, Brand & Model: **Trimble Comp. w/ 2 W/ 9 RD. Plate**
 P/N: **22020-00**
 S/N: **0220024415**
 Cable Length, meters: **9.35m**

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

Vehicle is Parked **20** meters **S** (direction) from antenna.

Antenna plumb before session? (N) Circle
 Antenna plumb after session? (N) Yes or No
 Antenna oriented to true North? (N) -If no, explain
 Weather observed at antenna ht. (N)
 Antenna ground plane used? (N)

Antenna radome used? (N) If yes, describe.
 Eccentric occupation (>0.5 mm)? (N) Use
 Any obstructions above 10'? (N) Use
 Radio interference source nearby? (N) Vis. form

Tripod or Antenna Mount: Check one:
 Fixed-Leg Tripod, Collapsible-leg tripod, Fixed Mount

Brand & Model: **SECO** LOT # **19A79-302**
 P/N: **5115-00-YEL**
 S/N: _____
 Last Adjustment date: **07 JAN, 2006**

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

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

Psychrometer (if used) Brand & Model: **CHECK-IT DIGITAL 0622**
 P/N: _____
 S/N: **200402**
 Last Calibration or check Date: **07 JAN 2006**

Barometer (if used) Brand & Model: BRUNTON SHERPA S/N: _____	Weather Data	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit Celsius	WetBulb Temp Fahrenheit Celsius	Rel. % Humidity	Atm. Pressure inches Hg millibar
	Before	01000	13:52	58.0	35.8	84%	30.05 / 1017
	Middle						30.00 / 1015
	After	01001	18:05	74.0	63.0	64%	30.00 / 1015

Remarks, Comments on Problems, Sketches, Pencil Rubbing, etc: **72.0**

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): **DIST0081.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: _____

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

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) **DISTRICT 1A**
 General Location: **New Orleans, LA / ORLEANS PARISH** Airport ID, if any:
 Station PID, if any: **AU2196** Date (UTC): **2006 01 08**
 Station 4-Character ID: **DIST** Day of Year: **008**
 Project Name: **IPET 6** Project Number: **GPS-1357** Station Serial # (SSN): **0003** Session ID:(A,B,C etc): **2**

NAD83 Latitude: **29° 55' 53.42"** NAD83 Longitude: **90° 08' 02.38"** NAD83 Ellipsoidal Height: **3.45** meters
 Observation Session Times (UTC): Sched. Start **18:15** Stop **22:15** Actual Start **18:14** Stop **22:15**
 Epoch Interval = **15** Seconds Elevation Mask = **3** Degrees
 NAVD88 Orthometric Ht. **3.45** meters GEOID99 Geoid Height **-76.10** meters
 Agency Full Name: **3001 INC.** Operator Full Name: **Maurice HAWARD**
 Phone #: **(985) 718-4519** e-mail address:

Receiver Brand & Model: **Trimble 4000SE** Antenna Code*, Brand & Model: **Trimble Comp. 442 w/ 920 Plane**
 P/N: **21000-31** S/N: **3403A04927** Firmware Version: **7.29**
 P/N: **22020-06** S/N: **0220024415** Cable Length, meters: **9.35m**
 CamCorder Battery, 2V DC, 110V AC, Other Vehicle is Parked **20** meters **S** (direction) from antenna.
 Antenna plumb before session? (N) Circle
 Antenna plumb after session? (N) Yes or No
 Antenna oriented to true North? (N) -If no, explain
 Weather observed at antenna ht. (N) explain
 Antenna ground plane used? (N) "
 Antenna radome used? (N) If yes, describe.
 Eccentric occupation (>0.5 mm)? (N) Use
 Any obstructions above 10'? (N) Use
 Radio interference source nearby? (N) Vis. form

**** ANTENNA HEIGHT ****
 Tripod or Antenna Mount: Check one: Fixed-Leg Tripod, Collapsible-leg tripod, Fixed Mount
 Brand & Model: **SECO (20TH 19A79-303)**
 P/N: **515-00-40L** S/N:
 Last Adjustment date: **07 JAN. 2006**
 Psychrometer (if used) Brand & Model: **CHEM-IT Digital 0622**
 P/N: S/N: **200402**
 Last Calibration or check Date: **07 JAN 2006**
 Before Session Begins: Meters Feet After Session Ends: Meters Feet
A= Datum point to Top of Tripod (Tripod Height) 2.000 6.562 2.000 6.562
B= Additional offset to ARP if any (Tribrach/Spacer) 0.063 0.206 0.063 0.206
H= Antenna Height = A + B
= Datum Point to Antenna Reference Point (ARP) 2.063 6.768 2.063 6.768
 Meters = Feet x (0.3048) Note &/or sketch ANY unusual conditions.
 Height Entered Into Receiver = **2000** 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 Celsius	WetBulb Temp Fahrenheit Celsius	Rel. % Humidity	Atm. Pressure inches Hg millibar
BRUNTON 5HERPA	Before	01001	18:12	73.0	63.2	61%	30.04 1017
S/N:	Middle						
	After	01011	22:18	67.5	60.5	70%	29.8 1015

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): **DIST0082.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 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			



Station Pencil Rubbing Form

Location / Airport Name

and ID New Orleans, LA / ORLEANS PARISH Project IPET 6

Station Designation DISTRICT 1 A PID AUG 196 Date 08 JAN 200

Circle all applicable:

PACS SACS BM FBN CBN OTHER _____

Observer &

Organization M. HAWARD / 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.

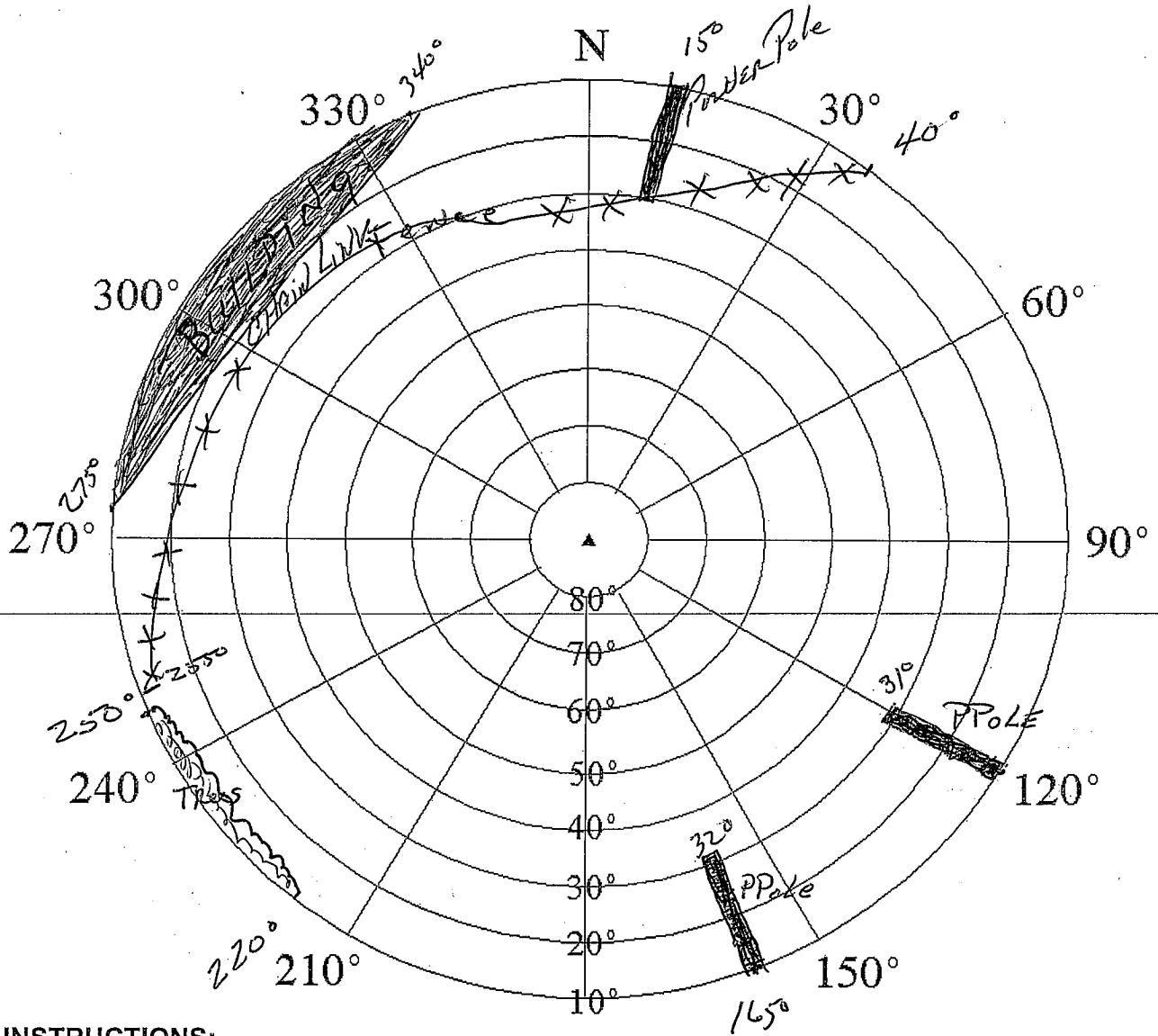
Remarks: PHOTO'S TAKEN OF MARK

Monument Type METAL ROD

Inscribed Agency USE

Stamping DISTRICT-1A

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: DIST Designation: DISTRICT 1A

PID: AU2196 Location: New ORLEANS, LA

County: ORLEANS Reconnaissance By: M. HANAN

Height above mark, meters: _____ Agency/Company: 3001, INC.

Phone: (985) 718-4519 Date: 08 Jan. 2002

Check if no obstructions above 10 degrees

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

PID: AU2196 Designation & Alias: DISTRICT 1A
 Country: (USA) State: LA County: ORLEANS
 Latitude: N 29° 55' 53" Longitude: W 90° 08' 02" Elevation: 3.45 (meter / ft)

Original Description (check one):	
<input type="checkbox"/> P	Preliminary (mark has not been set yet)
<input checked="" type="checkbox"/> D	A newly set mark
<input checked="" type="checkbox"/> R	A recovered mark
Established by: (NGS / CGS / Other:) <u>USE</u>	
Date: <u>08 Jan 2006</u> Chief of Party (initials): <u>MH</u>	

Recovery Description (check one):	
<input type="checkbox"/> F	Full description of a station <u>not</u> in the database
<input checked="" 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:) <u>3001, INC.</u>	
Date: <u>08 Jan 2006</u> Chief of Party (initials): <u>MH</u>	

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: <u>(Rod)</u> Disk / Other	
Setting Type: (Bedrock / Concrete / Other:) <u>STAINLESS STEEL Rod w/o sleeve</u>	
<input checked="" type="checkbox"/> Y / N / ?	Monument contains magnetic material?

Stamping: <u>DISTRICT-1A</u>	
Agency Inscription: (NGS / CGS / Other:) <u>USE</u>	
Rod Depth: <u>18.2</u> (meter/ft), Sleeve Depth: <u>10</u> (meter/ft)	
Monument is: (flush / projecting / recessed) <u>10</u> (cm/inch)	

Special Type (check all applicable):	
<input type="checkbox"/> F	Fault monitoring site
<input type="checkbox"/> T	Tidal Station
<input checked="" 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 type="checkbox"/> C	Car
<input checked="" 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)
<input checked="" type="checkbox"/> 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 New Orleans, LA, in Orleans
Parish, 4 miles S.S.E. of Metairie, LA, 4.9 miles WNW of
Gretna, LA. and 1.8 miles NNE of Westwego, LA.

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

Ownership: USE

(name, address, phone of landowner)

To Reach Narrative: To reach the station from the intersection of 0.75 miles south along
River Road from the junction of Carrollton Ave, 0.2 miles north
along Lake Avenue from the intersection of Magazine
Street

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

Monument Description and Measurements: The station is 68.2 FT. S.E. of the S.E.
corner of the USE District Warehouse 816 at 7400 Lake Ave., 60.7'
north of the north edge of a side walk leading to top of levee,
38.7' S.W. of the S.W. corner of a chain link fence enclosing
District Headquarters, 6.9' south of fence, 0.49' below the
ground surface, set in center of 3 yellow iron posts - concrete
filled. Access to the datum point is thru a 5-inch logo cap

(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: M. Hovary Phone: () e-mail: _____

	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):
	G365 La. Height Modernization Station General Location: AVONDALE, La - JEFFERSON PARISH Airport ID, if any:	AU2110	1/8/06
Project Name:	Project Number:	Station 4-Character ID:	Day of Year:
FPE6 - TASK ORDER 1A	GPS-	G365	008
Project Name:	Project Number:	Station Serial # (SSN):	Session ID: (A,B,C etc)
		0001	1

NAD83 Latitude	NAD83 Longitude	NAD83 Ellipsoidal Height	Agency Full Name:
29° 54' 39.57" N	90° 12' 46.31" W	meters	3001, INC
Observation Session Times (UTC):	Epoch	NAVD88 Orthometric Ht.	Operator Full Name:
Sched. Start 14:00 Stop 18:00	Interval = 15 Seconds	meters	MIKE DIAL
Actual Start 13:57 Stop 18:00	Elevation	GEOID99 Geoid Height	Phone #: ()
	Mask = 15 Degrees	meters	e-mail address:

Receiver Brand & Model:	Antenna Code*, Brand & Model:	Antenna plumb before session? (Y/N)	Circle
Trimble 4000 SE	COMPAC L1/L2 w/gr. PLANE	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
S/N: 3343A4300	S/N: 0220024419	Weather observed at antenna ht. (Y/N)	"
Firmware Version:	Cable Length, meters: 5.0 M	Antenna ground plane used? (Y/N)	"
<input type="checkbox"/> CamCorder Battery <input type="checkbox"/> 12V DC <input type="checkbox"/> 110V AC <input type="checkbox"/> Other	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: CHECK IT # 622 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)	2.000	6.562	2.000	6.562	
	B= Additional offset to ARP if any (Tribrach/Spacer)	0.063	0.207	0.063	0.207	
	H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)	2.063	6.769	2.063	6.769	
Meters = Feet x (0.3048)		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		WetBulb Temp		Rel. % Humidity	Atm. Pressure	
				Fahrenheit	Celsius	Fahrenheit	Celsius		Inches Hg	millibar
S/N:	Before	00000	13:55	57.1		56.9		99	30.05	1017
	Middle	00000	16:00	67.5		68.3		100		
	After	00001	18:02	68.8		69.2		99	30.00	1016

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

PENCIL RUBBING Attached.

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):	Updated Station Description:	LOG CHECKED BY:
G3650081.dat	<input checked="" type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier <input checked="" type="checkbox"/> Visibility Obstruction Form: <input type="checkbox"/> Submitted earlier <input checked="" type="checkbox"/> Photographs of Station: <input type="checkbox"/> Submitted earlier <input checked="" type="checkbox"/> Pencil Rubbing of Mark: <input type="checkbox"/> Attached	
(Standard NGS Format = aaaaddss.xxx) where aaaa=4-Character ID, ddd=Day of Year, s=Session ID, xxx=file dependant extension		

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) G365 La. Height Modernization Station

Station PID, if any: AU2110 Date (UTC): 1/8/06

General Location: AVONDALE, La. - JEFFERSON PARISH Airport ID, if any:

Station 4-Character ID: G365 Day of Year: 008

Project Name: IPET 6- TASK ORDER 1A Project Number: GPS-

Station Serial # (SSN): 0001 Session ID: (A,B,C etc) 2

NAD83 Latitude: 29° 54' 39.56" N NAD83 Longitude: 90° 12' 46.32" W NAD83 Ellipsoidal Height: meters

Agency Full Name: 3001, INC

Operator Full Name: MIKE DIAL

Phone #: ()

e-mail address:

NAVD88 Orthometric Ht. meters

GEOID99 Geoid Height meters

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

Actual Start 18:13 Stop 22:15 Elevation Mask = 15 Degrees

Receiver Brand & Model: Trimble 4000SE Antenna Code*, Brand & Model: Comtek C1/C2 w/9.2 PLANE

P/N: 21000-31 S/N: 3343A4300 Firmware Version:

P/N: 22020-00 S/N: 022002419 Cable Length, meters: 5.0 M

Vehicle is Parked: 50 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) 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: 5000

P/N: S/N:

Last Adjustment date: 12/12/05

Psychrometer (if used) Brand & Model: CHECK-IT #622

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		<u>2.063</u>	<u>6.769</u>	<u>2.063</u>	<u>6.769</u>
= 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:	Weather Data	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit	Celsius	WetBulb Temp Fahrenheit	Celsius	Rel. % Humidity	Atm. Pressure inches Hg	millibar
S/N: <u> </u>	Before	<u>00001</u>	<u>18:03</u>	<u>68.8</u>	<u> </u>	<u>69.2</u>	<u> </u>	<u>99</u>	<u>30.01</u>	<u>1016</u>
	Middle	<u>00001</u>	<u>19:58</u>	<u>69.1</u>	<u> </u>	<u>69.4</u>	<u> </u>	<u>98</u>	<u> </u>	<u> </u>
	After	<u>00011</u>	<u>22:17</u>	<u>68.5</u>	<u> </u>	<u>68.3</u>	<u> </u>	<u>99</u>	<u>29.98</u>	<u>1015</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): G3650082.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 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: AU2110 Designation & Alias: G365
 Country: (USA /) State: Ca. County: JEFFERSON
 Latitude: N 29° 54' 39.5" Longitude: W 90° 12' 46.3" Elevation: 0.24 (meters / 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 type="checkbox"/> F	Full description of a station <u>not</u> in the database
<input checked="" 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:)	<u>59</u>
<input checked="" type="checkbox"/> Y / ?	Monument contains magnetic material?

Stamping:	<u>G365 1984</u>
Agency Inscription: (NGS / CGS / Other:)	<u>NGS</u>
Rod Depth: <u>32.9</u> (meters/ft), Sleeve Depth: <u>9.4</u> (meters/ft)	
Monument is: (<u>flush</u> projecting / recessed)	(cm/inch)

Special Type (check all applicable):	
<input type="checkbox"/> F	Fault monitoring site
<input 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"/> C	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 AVONDALE, La. on the North
SIDE OF Hwy 90. 6.0 Miles S.E. OF KENNER, La. 9.3 Miles
S.E. OF CULING, La. 9.0 Miles S.W. OF NEW ORLEANS, La.

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

Ownership: REST LAWN CEMETARY GARDENS

←(name, address, phone of landowner)

To Reach Narrative: To reach the station from the intersection of Hwy 90 AND THE South
END OF THE Huey P. Long BRIDGE in BRIDGE CITY, La. Go west on
Hwy 90 3.30 miles to the entrance to REST LAWN CEMETARY GARDENS
on the right. The mark is just inside the entrance to
the cemetery.

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

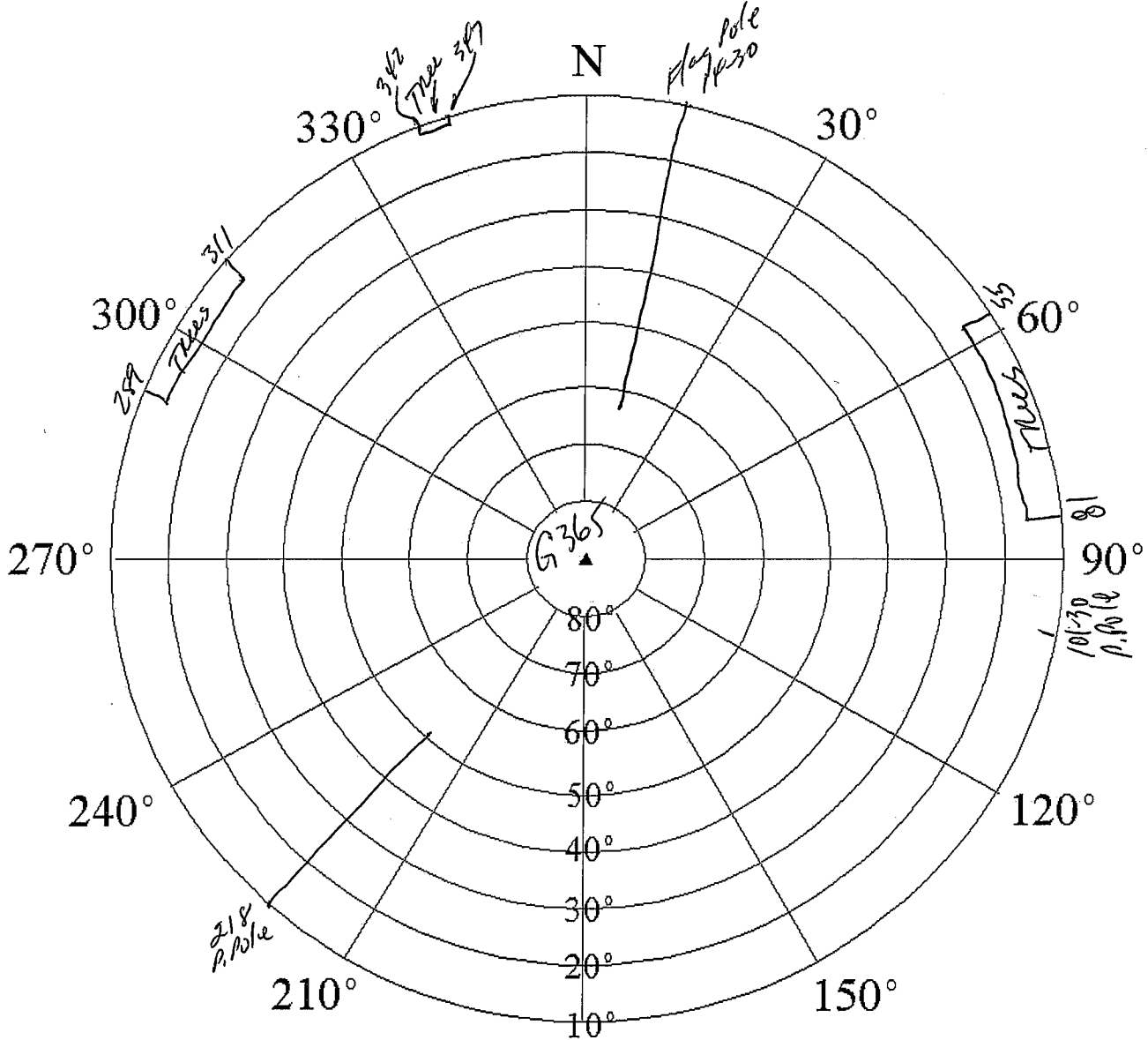
Monument Description and Measurements: The station is Approx 40 meters N. OF
the West Bound Lane OF US 90. 10' North OF THE FACE OF THE
Center Brick Pillar in fence line. 39.5' South OF A Flag Pole. 16' ESE
OF THE NE CORNER OF THE NW BRICK PILLAR, 17' ENE OF THE NE
CORNER OF THE SW BRICK PILLAR, 16.6' WSW OF THE NW CORNER OF
THE NE BRICK PILLAR.

(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: Jotta Purpera Phone: (504) 237-3579 e-mail: Jpurpera@300, Inc .com

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: G365 Designation: G365

PID: AU210 Location: ADDONALIE, La.

County: JEFFERSON Reconnaissance By: TOTHW PUMPERT

Height above mark, meters: 1.8 Agency/Company: 3001, INC

Phone: (504) 237-3579 Date: 1/6/06

Check if no obstructions above 10 degrees



Station Pencil Rubbing Form

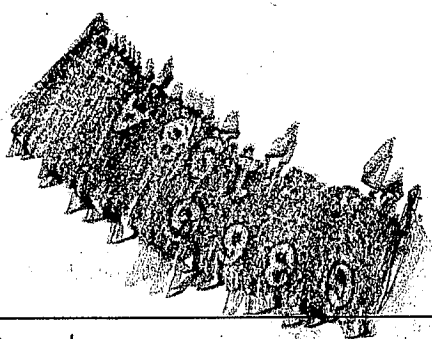
Location / Airport Name and ID Alondale, Ca. Project IPET 6

Station Designation G365 (1982) PID G365 Date 7/8/06

Circle all applicable: PACS SACS BM FBN CBN OTHER HM MOD Observer & Organization 3001 INC / MIKE DIAZ

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 ROD

Inscribed Agency NGS

Stamping G365 (1982)

	Station Designation: (check applicable: <u> </u> FBN <u> </u> CBN <u> </u> PAC <u> </u> SAC <u> </u> BM) V375 Co. Height Modernization Station	Station PID, if any: ATO760	Date (UTC): 1/8/06
	General Location: Algiers Locks - Orleans Parish	Airport ID, if any: V375	Station 4-Character ID: V375

Project Name: IPET 6 - TASK ORDER 1A	Project Number: GPS-	Station Serial # (SSN): 0002	Session ID: (A,B,C etc) 1
--	--------------------------------	--	-------------------------------------

NAD83 Latitude 29° 55' 01.57"	NAD83 Longitude 89° 58' 18.09"	NAD83 Ellipsoidal Height meters	Agency Full Name: 300t, Inc. Operator Full Name: Jennifer Kovacs Phone #: (608) 712-6005 e-mail address: lovca.sj@AyresAssociates.com
Observation Session Times (UTC): Sched. Start 14:00 Stop 18:00	Epoch Interval = 15 Seconds	NAVD88 Orthometric Ht. meters	
Actual Start 13:59 Stop 18:00	Elevation Mask = 15 Degrees	GEOID99 Geoid Height meters	

Receiver Brand & Model: Tribble 4000 SE	Antenna Code*, Brand & Model: Compaq 6.1/2 w/g. Plane	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: 24840-11 S/N: 3608A14570 Firmware Version:	P/N: 22020-00 S/N: 022050907 Cable Length, meters:	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
<input type="checkbox"/> CamCorder Battery, <input checked="" type="checkbox"/> 12V DC, <input type="checkbox"/> 110V AC, <input type="checkbox"/> Other	Vehicle is Parked 50 meters E (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: S/N: Last Adjustment date: Psychrometer (if used) Brand & Model: Check-it Electronics P/N: Model 622 S/N: Last Calibration or check Date: Jan 07, 2006	** ANTENNA HEIGHT **				Before Session Begins: Meters Feet	After Session Ends: Meters Feet	
	A= Datum point to Top of Tripod (Tripod Height)	2.000	6.562	2.000	6.562		
	B= Additional offset to ARP if any (Tribrach/Spacer)	0.063	0.207	0.063	0.207		
	H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)	2.063	6.769	2.063	6.769		
	Meters = Feet x (0.3048) Height Entered Into Receiver = 2.000 meters.	Note &/or sketch ANY unusual conditions. Be Very Explicit as to where and how Measured!					


Barometer (if used) Brand & Model: Brunton Sherpa S/N:	Weather Data	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit	Celsius	WetBulb Temp Fahrenheit	Celsius	Rel. % Humidity	Atm. Pressure Inches Hg millibar		
	Before		00000	13:59	60.1		58.2		90%	30.05	1017
	Middle				7						
	After		00001	18:00	71.5		66.2		78%	30.00	1016

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): V3750081.dat (Standard NGS Format = aaaaddss.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 checked="" type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier Photographs of Station: <input checked="" type="checkbox"/> Attached <input type="checkbox"/> Submitted earlier Pencil Rubbing of Mark: <input checked="" 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: <input type="checkbox"/> FBN <input type="checkbox"/> CBN <input type="checkbox"/> PAC <input type="checkbox"/> SAC <input type="checkbox"/> BM) V375 La. Height Modernization Station	Station PID, if any: AT0760	Date (UTC): 1/08/06
	General Location: Algiers Locks - Orleans Parish	Airport ID, if any:	Station 4-Character ID: V375

Project Name: IPET 6 - Task Order 1A	Project Number: GPS-	Station Serial # (SSN): 0002	Session ID:(A,B,C etc) 2
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NAD83 Latitude 29° 55' 01.59"	NAD83 Longitude 89° 58' 18.05"	NAD83 Ellipsoidal Height meters	Agency Full Name: 300i, Inc. Operator Full Name: Jennifer Lovaas Phone #: (608) 712-6005 e-mail address: lovaasj@AyresAssociates.com
Observation Session Times (UTC): Sched. Start 18:10 Stop 22:10		NAVD88 Orthometric Ht. meters	
Actual Start 18:11 Stop 22:12		GEOID99 Geoid Height meters	

Receiver Brand & Model: Trimble 4000SSI P/N: 24840-11 S/N: 3608A14570 Firmware Version: <input type="checkbox"/> CamCorder Battery, <input checked="" type="checkbox"/> 12V DC, <input type="checkbox"/> 110V AC, <input type="checkbox"/> Other	Antenna Code*, Brand & Model: Compac L1/L2 w/Grd.Plane P/N: 22020-00 S/N: 022050907 Cable Length, meters: Vehicle is Parked <u>50</u> meters <u>E</u> (direction) from antenna.	Antenna plumb before session? <input checked="" type="radio"/> (Y/N) Circle Antenna plumb after session? <input checked="" type="radio"/> (Y/N) Yes or No Antenna oriented to true North? <input checked="" type="radio"/> (Y/N) -If no, Weather observed at antenna ht. <input checked="" type="radio"/> (Y/N) explain Antenna ground plane used? <input checked="" type="radio"/> (Y/N) " Antenna radome used? <input type="radio"/> (Y/N) If yes, Eccentric occupation (>0.5 mm)? <input type="radio"/> (Y/N) describe. Any obstructions above 10°? <input type="radio"/> (Y/N) Use Radio interference source nearby <input type="radio"/> (Y/N) Vis. form
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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: Check-it Electronics P/N: Model 622 S/N: Last Calibration or check Date: Jan 07, 2006	** ANTENNA HEIGHT **		Before Session Begins: Meters Feet	After Session Ends: Meters Feet		
	A= Datum point to Top of Tripod (Tripod Height)		2.000	6.562	2.000	6.562
	B=Additional offset to ARP if any (Tribrach/Spacer)		0.063	0.207	0.063	0.207
	H= Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)		2.063	6.769	2.063	6.769
	Meters = Feet x (0.3048) Height Entered Into-Receiver = 2.000 meters.		Note &/or sketch ANY unusual conditions. Be Very Explicit as to where and how Measured!			

Barometer (if used) Brand & Model: Brunton Sherpa S/N:	Weather Data	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit Celsius	WetBulb Temp Fahrenheit Celsius	Rel. % Humidity	Atm. Pressure inches Hg millibar		
	Before		00001	18:11	71.8	68.5	89%	30.01	1016
	Middle								
	After		00011	22:12	69.4	65.4	89%	29.99	1015

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): V3750082.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 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



Station Pencil Rubbing Form

Location / Airport Name and ID Algiers Locks - Orleans Parish Project IPET6

Station Designation V375 PID AT0760 Date 1/08/06

Circle all applicable:
PACS SACS BM FBN CBN OTHER Hg-MON Observer & Organization Jennifer Lovaas 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 ROD

Inscribed Agency NGS

Stamping V375 1985

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

PID: AT0760 Designation & Alias: V375
 Country: (USA /) State: La. County: Orleans
 Latitude: N 29° 55' 01.55" Longitude: W 89° 58' 18.04" Elevation: 0.71 (meter / ft)

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

Recovery Description (check one):	
<input type="radio"/> F	Full description of a station <u>not</u> in the database
<input checked="" type="radio"/> T	Full description of a station <u>in</u> the database
<input type="radio"/> M	<u>Partial</u> description of a station in the database
Recovered by: (NGS / Other:) <u>3001, INC</u>	
Date: <u>1/6/06</u>	Chief of Party (initials): <u>QCP</u>

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

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

Setting Information:	
Marker Type: (Rod / Disk / Other)	
Setting Type: (Bedrock / Concrete / Other:) <u>59</u>	
<input checked="" type="radio"/> N / ?	Monument contains magnetic material?

Stamping: <u>V 375 1985</u>	
Agency Inscription: (NGS / CGS / Other:)	
Rod Depth: <u>25.6</u> (meter/ft), Sleeve Depth: <u>18.2</u> (meter/ft)	
Monument is: (flush / <u>projecting</u> / recessed) <u>6</u> (cm/inch)	

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

Transportation (check one):	
<input checked="" type="radio"/> C	Car
<input type="radio"/> P	Light truck (pickup, carry-all, etc.)
<input type="radio"/> X	Four-Wheel Drive Vehicle
<input type="radio"/> --	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 Orleans Parish on the
Property of the Algiers Cocks. (USACE), 6.2 Miles S.E. of
New Orleans, La. 4.2 miles NE of Belle Chasse, La. 5.0
miles east of Gretna, La.

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

Ownership: (USACE)

(name, address, phone of landowner)

To Reach Narrative: To reach the station from the intersection of General DE GAULLE Ave.
and Sullen Rd., near the Bridge over the Intercoastal Waterway,
GO North on Sullen Rd. to Patterson Drive (Levee Rd.) Turn Right
on Patterson Drive and Proceed east for 0.9 miles to Blythe Rd. Turn
Right on Blythe and go to the gate entrance of Algiers Cocks, passing
through gate and mark on left new gate.

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

Monument Description and Measurements: The station is 29.6' east of the
centerline of the entrance rd. to Cocks. 18.3' southeast of the east
gate post @ entrance gate. 46.6' North of the centerline of
the Algiers Cock sign. Mark is a stainless steel rd. in sleeve.
with LOGO CAP. Stamped V 375 1985.

(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 Ruzicka Phone: (504) 237-3579 e-mail: JRuzicka@3007de.com