GPS STATION OBSERVATION LOG
April 16, 2003

Station Designation: (check applicable: __ FBN __ CBN __ PAC __ SAC __ BM) G 358		Station PID, if any: AU2028	Date (UTC): 2006 01 24
General Location: Galliano, La / LA Fourche Parish	Airport ID, if any:	Station 4-Character ID: G358	Day of Year: 024
Project Name: IPETL	Project Number: GPS-week 1359	Station Serial # (SSN): 0010	Session ID: (A,B,C etc) 1

NAD83 Latitude: 29° 27' 38.861"	NAD83 Longitude: 90° 18' 31.166"	NAD83 Ellipsoidal Height: −23.97 meters NAVD88 Orthometric Ht.: 0.82 meters GEOID99 Geoid Height: −24.79 meters	Agency Full Name: 3001, Inc. Operator Full Name: Maura Hanard Phone #: (703) 574-2336 e-mail address:
Observation Session Times (UTC): Sched. Start 14:00 Stop 18:00 Actual Start 13:59 Stop 18:27	Epoch Interval= 15 Seconds Elevation Mask = 13 Degrees		

Receiver Brand & Model: TRIMBLE 4000SE P/N: 21060-31 S/N: 3403A04927 Firmware Version: 7.29 ☐ CamCorder Battery, ☑ 12V DC, ☐ 110V AC, ☐ Other	Antenna Code*, Brand & Model: TRIMBLE COMP. 4/2 W/ GRD. PLANE P/N: 22020-00 S/N: 02200244115 Cable Length, meters: 9.35m Vehicle is Parked 20 meters N (direction) from antenna.	Antenna plumb before session? (Y) N) Circle Antenna plumb after session? (Y) N) Yes or No Antenna oriented to true North? (Y) N) -If no, Weather observed at antenna ht. (Y) N) explain Antenna ground plane used? (Y) N) Antenna radome used? (Y / N) If yes, Eccentric occupation (>0.5 mm)? (Y / N) describe. Any obstructions above 10°? (Y / N) Use Radio interference source nearby (Y / N) Vis. form

Tripod or Antenna Mount: Check one:
☑ Fixed-Leg Tripod, ☐ Collapsible-leg tripod ☐ Fixed Mount
Brand & Model: Seco
P/N: 5115-00-yel
S/N:
Last Adjustment date: 24 JAN 2006

Psychrometer (if used) Brand & Model: Check-IT 0622
P/N:
S/N: 200402
Last Calibration or check Date: 24 JAN 2006

**** ANTENNA HEIGHT ****

	Before Session Begins: Meters	Before Session Begins: Feet	After Session Ends: Meters	After Session Ends: Feet
A= Datum point to Top of Tripod (Tripod Height)	2.000	6.562	2.000	6.562
B= Additional offset to ARP if any (Tribrach/Spacer)	0.063	0.206	0.063	0.206 ~~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 = 2.068 meters.
Note &/or sketch **ANY** unusual conditions. Be **Very Explicit** as to where and how Measured!

Barometer (if used) Brand & Model: BRUNTON 5TAMPA
S/N:
~~2001~~

Weather Data	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit	Dry-Bulb Temp Celsius	WetBulb Temp Fahrenheit	WetBulb Temp Celsius	Rel. % Humidity	Atm. Pressure inches Hg	Atm. Pressure millibar
Before	01021	13:55	53.7		52.7		94%	30.12	1020
Middle	01021	16:20	57.0		54.2		86%	30.17	1021
After	01011	18:24	61.0		56.1		76%	30.12	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): G3580241.DAT
(Standard NGS Format = aaaaddds.xxx)
where aaaa=4-Character ID, ddd=Day of Year, s=Session ID, xxx=file dependant extension

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

LOG CHECKED BY:

Table of Weather Codes

CODE	PROBLEM	VISIBILITY	TEMPERATURE	CLOUD COVER	WIND
0	did not occur	Good, over 15 miles	Normal, 32° F- 80° F	Clear, below 20%	Calm, under 5mph (8km/h)
1	did occur	Fair, 7-15 miles	Hot, over 80°F (27 C)	Cloudy, 20% to 70%	Moderate, 5 to 15 mph
2	- not used -	Poor, under 7 miles	Cold, below 32° F (0 C)	Overcast, over 70%	Strong, over15 mph (24km/h)

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

NOAA GPS STATION OBSERVATION LOG
(01-Nov-2000)

Station Designation: (check applicable: FBN / CBN / PAC / SAC / BM)	Station PID, if any:	Date (UTC):
G358	AU2028	2006 01 24
General Location: GALLIANO, LA / **Airport ID, if any:** LAFOURCHE PARISH	**Station 4-Character ID:** G358	**Day of Year:** 024
Project Name: IPET 6 / **Project Number:** GPS Week 1359	**Station Serial # (SSN):** 0010	**Session ID:(A,B,C etc)** 2

NAD83 Latitude	NAD83 Longitude	NAD83 Ellipsoidal Height	Agency Full Name:
29° 27' 38.861"	90° 18' 31.166"	-23.97 meters	3001, INC.
		NAVD88 Orthometric Ht. 0.82 meters	Operator Full Name: Maurice Hazard
Observation Session Times (UTC): Sched. Start 18:15 Stop 22:15 Epoch Interval= 15 Seconds		GEOID99 Geoid Height -24.79 meters	Phone #: (703) 574-2336
Actual Start 18:36 Stop 22137 Elevation Mask = 13 Degrees			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 L1/L2 w/ GRD Plane
P/N: 22020.00
S/N: 02200244 15
Cable Length, meters: 9.35 m
Vehicle is Parked 20 meters N (direction) from antenna.

	Circle Yes or No -If no, explain "
Antenna plumb before session? (Y) N	
Antenna plumb after session? (Y) N	
Antenna oriented to true North? (Y) N	
Weather observed at antenna ht. (Y) N	
Antenna ground plane used? (Y) N	
Antenna radome used? (Y / N)	If yes, describe. Use Vis. form
Eccentric occupation (>0.5 mm)? (Y (N)	
Any obstructions above 10°? (Y) N	
Radio interference source nearby (Y (N)	

Tripod or Ant. Mount: Check one:
✓Fixed-Height Tripod, • Slip-Leg Tripod, • Fixed Mount
Manufacturer & Model: Seco
P/N: 5115-00-yel
S/N:
Last Calibration date: 24 JAN 2006

Tribrach: Check one:
✓None, • Wild GDF 22, • Topcon, • Other (describe)
Last Calibration date:

**** ANTENNA HEIGHT ****
(see back of form for measurement illustration)

	Before Session Begins: measure and record both Meters	AND Feet	After Session Ends: measure and record both Meters	AND Feet
A= Datum point to Top of Tripod (Tripod Height)	2.000	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

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: BRUNTON
P/N: 5 AZPA
S/N:
Last Calibration or check Date: 24 JAN 2006

Psychrometer:
Manufacturer & Model: CHECK IT 0622
S/N: 700402

Weather DATA	Time (UTC)	Dry-Bulb Temp Fahrenheit	Celsius	WetBulb Temp Fahrenheit	Celsius	Rel. % Humidity	Atm. Pressure inches Hg	millibar	Weather Codes *
Before	18:35	61.5		56.8		78%	30.12	1020	01011
Middle	20:37	63.5		57.1		70%	30.09	1019	01001
After	22:38	67.5		57.4		58%	30.13	1020	01000
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): G3580242.DAT
(Standard NGS Format = aaaaddds.xxx)
where aaaa=4-Character ID, ddd=Day of Year, s=Session ID, xxx=file dependant extension

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

LOG CHECKED BY:

Station Pencil Rubbing Form

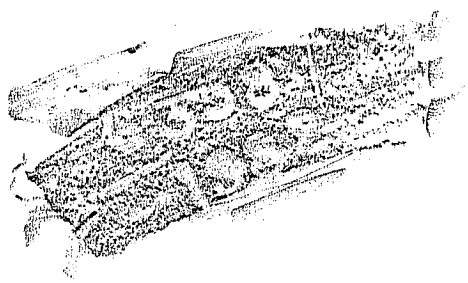
Location / Airport Name and ID GALLIANO, LA / LAFOURCHE PARISH Project IPET6

Station Designation G 358 PID AU2028 Date 01/24/06

Circle all applicable:
PACS SACS BM FBN CBN OTHER LA HT Mod Observer & Organization M. HAVARD / 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.



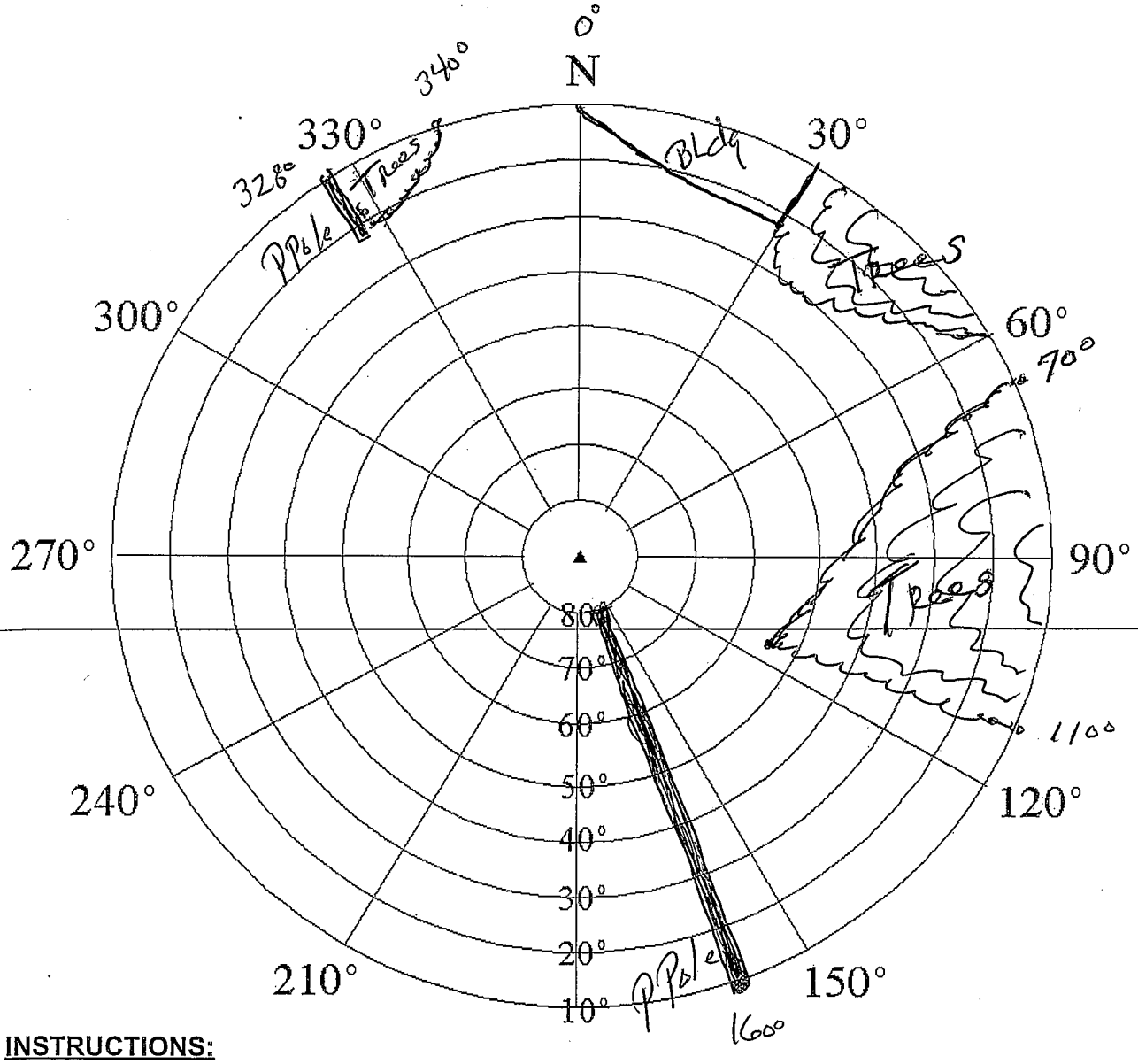
Remarks:

Monument Type METAL Rod

Inscribed Agency NGS

Stamping G 358 1982

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: G358 Designation: G 358

PID: AU2028 Location: GALLIANO, LA.

County: LAFOURCHE PARISH Reconnaissance By: M. HOWARD

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

Phone: (_____) _____ Date: 24 JAN 2006

Check if no obstructions above 10 degrees ☐

GPS STATION OBSERVATION LOG
April 16, 2003

Station Designation: (check applicable: __ FBN __ CBN __ PAC __ SAC __ BM) A152		Station PID, if any: AT0407	Date (UTC): JAN 24, 2006
General Location: PLAQUEMINES PARISH, LA	Airport ID, if any:	Station 4-Character ID: A152	Day of Year: 024
Project Name: IPET JOG ; PHASE 2/3	Project Number: GPS-	Station Serial # (SSN): ~~AHA~~ 60011	Session ID:(A,B,C etc) 1

NAD83 Latitude: 29° 37' 28.588"N	NAD83 Longitude: 089° 54' 10.669"W	NAD83 Ellipsoidal Height: -24.25 meters NAVD88 Orthometric Ht.: +0.67 meters GEOID99 Geoid Height: -24.93 meters	Agency Full Name: 3001, INC Operator Full Name: VERRON MCNEIL Phone #: ( ) e-mail address:

Observation Session Times (UTC): Sched. Start — Stop 18:22
Actual Start 14:22 Stop 18:22
Epoch Interval= 15 Seconds
Elevation Mask = 13 Degrees

Receiver Brand & Model: TRIMBLE 4000 SSI P/N: 22020-00 S/N: 02200 50496 Firmware Version: ☐ CamCorder Battery, ☒ 12V DC, ☐ 110V AC, ☐ Other	Antenna Code*, Brand & Model: Trimble Comp L1/L2 w/GP PLANE P/N: 2840-11 S/N: 36081-14562 Cable Length, meters: 5.15m Vehicle is Parked 30 meters NE (direction) from antenna.	Antenna plumb before session? (Y / N) Antenna plumb after session? (Y / N) Antenna oriented to true North? (Y / N) Weather observed at antenna ht. (Y / N) Antenna ground plane used? (Y / N) Antenna radome used? (Y / N) Eccentric occupation (>0.5 mm)? (Y / N) Any obstructions above 10°? (Y / N) Radio interference source nearby (Y / N) Circle Yes or No -If no, explain " If yes, describe. Use Vis. form

Tripod or Antenna Mount: Check one:
☒ Fixed-Leg Tripod, ☐ Collapsible-leg tripod ☐ Fixed Mount
Brand & Model: SECO
P/N:
S/N:
Last Adjustment date: 01-24-06

Psychrometer (if used) Brand & Model:
Check It
P/N: 0622
S/N:
Last Calibration or check Date:

**** ANTENNA HEIGHT ****

	Before Session Begins: Meters	Before Session Begins: Feet	After Session Ends: Meters	After Session Ends: Feet
A= Datum point to Top of Tripod (Tripod Height)	2.000	6.562	2.000	6.562
B=Additional offset to ARP if any (Tribrach/Spacer)	0.063	0.207	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 UNKOWN meters.
Note &/or sketch **ANY** unusual conditions. 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	Dry-Bulb Temp Celsius	WetBulb Temp Fahrenheit	WetBulb Temp Celsius	Rel. % Humidity	Atm. Pressure inches Hg	Atm. Pressure millibar
Before	01020	14:20	52.6		56.2		99%	30.14	1020
Middle	01020	16:22	54.8		52.8		69%	30.20	1022
After	00000	18:25	60.1		60.5		99%	30.16	1021

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): A152 0241.DAT
(Standard NGS Format = aaaaddds.xxx)
where aaaa=4-Character ID, ddd=Day of Year, s=Session ID, xxx=file dependant extension

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

LOG CHECKED BY:

Table of Weather Codes

CODE	PROBLEM	VISIBILITY	TEMPERATURE	CLOUD COVER	WIND
0	did not occur	Good, over 15 miles	Normal, 32° F- 80° F	Clear, below 20%	Calm, under 5mph (8km/h)
1	did occur	Fair, 7-15 miles	Hot, over 80°F (27 C)	Cloudy, 20% to 70%	Moderate, 5 to 15 mph
2	- not used -	Poor, under 7 miles	Cold, below 32° F (0 C)	Overcast, over 70%	Strong, over15 mph (24km/h)

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

GPS STATION OBSERVATION LOG
April 16, 2003

Station Designation: (check applicable: __ FBN __ CBN __ PAC __ SAC __ BM) A152		Station PID, if any: AT0407	Date (UTC): JAN 24, 2006
General Location: PLAQUEMINES PARRISH, LA	Airport ID, if any:	Station 4-Character ID: A152	Day of Year: 024
Project Name: IPET TO6 ; PHASE 213	Project Number: GPS-	Station Serial # (SSN): ~~AT1A-00011~~	Session ID:(A,B,C etc) .2

NAD83 Latitude: 29° 37' 28.588"N	NAD83 Longitude: 089° 54' 10.699"W	NAD83 Ellipsoidal Height: -24.25 meters NAVD88 Orthometric Ht.: +0.67 meters GEOID99 Geoid Height: -24.93 meters
Observation Session Times (UTC): Sched. Start 18:37 Stop 22:37 Actual Start 18:35 Stop 22:37	Epoch Interval= 15 Seconds Elevation Mask = 13 Degrees	Agency Full Name: 3001, INC Operator Full Name: VERRON McNeal Phone #: ( ) e-mail address:

Receiver Brand & Model: Trimble 4000SSI P/N: 22020-00 S/N: 0220050496 Firmware Version: ☐ CamCorder Battery, ☒ 12V DC, ☐ 110V AC, ☐ Other	Antenna Code*, Brand & Model: Trimble Comp L1/L2 w/grd PLATE P/N: 2840-11 S/N: 3608A-14652 Cable Length, meters: 5.15M Vehicle is Parked 30 meters NE (direction) from antenna.	Antenna plumb before session? (Y / N) Antenna plumb after session? (Y / N) Antenna oriented to true North? (Y / N) Weather observed at antenna ht. (Y / N) Antenna ground plane used? (Y / N) Antenna radome used? (Y / N) Eccentric occupation (>0.5 mm)? (Y / N) Any obstructions above 10°? (Y / N) Radio interference source nearby (Y / N) Circle Yes or No -If no, explain " If yes, describe. Use Vis. form

Tripod or Antenna Mount: Check one:
☒ Fixed-Leg Tripod, ☐ Collapsible-leg tripod ☐ Fixed Mount
Brand & Model: SECO
P/N:
S/N:
Last Adjustment date: 01-24-06

Psychrometer (if used) Brand & Model: CHECK IT
P/N:
S/N: 0622
Last Calibration or check Date:

**** ANTENNA HEIGHT ****

	Before Session Begins: Meters	Before Session Begins: Feet	After Session Ends: Meters	After Session Ends: Feet
A= Datum point to Top of Tripod (Tripod Height)	2.000	6.562	2.000	6.562
B= Additional offset to ARP if any (Tribrach/Spacer)	0.063	0.207	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) UNCOR 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	Dry-Bulb Temp Celsius	WetBulb Temp Fahrenheit	WetBulb Temp Celsius	Rel. % Humidity	Atm. Pressure inches Hg	Atm. Pressure millibar
Before	00000	18:30	60.1		50.8		99	30.16	1021
Middle	00000	20:22	62.4		59.9		82	30.3	1020
After	00000	22:30	58.5		60.8		99	30.15	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): A1520242.DAT
(Standard NGS Format = aaaaddds.xxx)
where aaaa=4-Character ID, ddd=Day of Year, s=Session ID, xxx=file dependant extension

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

LOG CHECKED BY:

Table of Weather Codes	CODE	PROBLEM	VISIBILITY	TEMPERATURE	CLOUD COVER	WIND
	0	did not occur	Good, over 15 miles	Normal, 32° F- 80° F	Clear, below 20%	Calm, under 5mph (8km/h)
	1	did occur	Fair, 7-15 miles	Hot, over 80°F (27 C)	Cloudy, 20% to 70%	Moderate, 5 to 15 mph
	2	- not used -	Poor, under 7 miles	Cold, below 32° F (0 C)	Overcast, over 70%	Strong, over15 mph (24km/h)
Examples:	00000 = No problem, good visibility, normal temp, clear, calm wind			12121 = Problems, poor visibility, hot, overcast, moderate wind		

GPS STATION OBSERVATION LOG April 16, 2003

Station Designation: (check applicable: __ FBN __ CBN __ PAC __ SAC __ BM) 876 1899 B TIDAL		Station PID, if any: AH2310	Date (UTC): 01/24/06
General Location: Lafitte, La.	Airport ID, if any:	Station 4-Character ID: BTID	Day of Year: 024
Project Name: IPET Task Order 6 Phase 2/3	Project Number: GPS-	Station Serial # (SSN): 0012	Session ID:(A,B,C etc) 1

NAD83 Latitude: 29° 40' 02.10"N	NAD83 Longitude: 090° 06' 33.57"W	NAD83 Ellipsoidal Height: meters NAVD88 Orthometric Ht.: meters GEOID99 Geoid Height: meters	Agency Full Name: 3001 Inc. Operator Full Name: Dillon Payne Phone #: ( ) e-mail address:
Observation Session Times (UTC): Sched. Start 14:00 Stop 18:00 Actual Start 13:54 Stop 18:22	Epoch Interval= 15 Seconds Elevation Mask = 15 Degrees		

Receiver Brand & Model: Trimble 4000 SSI P/N: 24840-11 S/N: 3608 A 14570 Firmware Version: ☐ CamCorder Battery, ☒ 12V DC, ☐ 110V AC, ☐ Other	Antenna Code*, Brand & Model: Trimble Compac L1/L2 w/Ground Plane P/N: 22020-00 S/N: 022005 0907 Cable Length, meters: Vehicle is Parked 50 meters W (direction) from antenna.	Antenna plumb before session? (Y / N) Antenna plumb after session? (Y / N) Antenna oriented to true North? (Y / N) Weather observed at antenna ht. (Y / N) Antenna ground plane used? (Y / N) Antenna radome used? (Y / N) Eccentric occupation (>0.5 mm)? (Y / N) Any obstructions above 10°? (Y / N) Radio interference source nearby (Y / N) Circle Yes or No -If no, explain " If yes, describe. Use Vis. form

Tripod or Antenna Mount: Check one:
☒ Fixed-Leg Tripod, ☐ Collapsible-leg tripod ☐ Fixed Mount
Brand & Model:
P/N:
S/N: SECO
Last Adjustment date: 12/12/05

Psychrometer (if used) Brand & Model: Check-IT
P/N:
S/N: 622
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)	2.00	6.562	2.00	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 = 2.00 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	Dry-Bulb Temp Celsius	WetBulb Temp Fahrenheit	WetBulb Temp Celsius	Rel. % Humidity	Atm. Pressure inches Hg	Atm. Pressure millibar
Before	02020	13:50	51.0		51.0		97%	30.12	1019
Middle									
After	02011	18:23	60.0		59.1		96%	30.12	1019

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): BTID0241.dat
(Standard NGS Format = aaaaddds.xxx)
where aaaa=4-Character ID, ddd=Day of Year, s=Session ID, xxx=file dependant extension

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

LOG CHECKED BY:

Table of Weather Codes

CODE	PROBLEM	VISIBILITY	TEMPERATURE	CLOUD COVER	WIND
0	did not occur	Good, over 15 miles	Normal, 32° F- 80° F	Clear, below 20%	Calm, under 5mph (8km/h)
1	did occur	Fair, 7-15 miles	Hot, over 80°F (27 C)	Cloudy, 20% to 70%	Moderate, 5 to 15 mph
2	- not used -	Poor, under 7 miles	Cold, below 32° F (0 C)	Overcast, over 70%	Strong, over15 mph (24km/h)

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

GPS STATION OBSERVATION LOG April 16, 2003

Station Designation: (check applicable: FBN CBN PAC SAC BM) 876 1899 B TIDAL		Station PID, if any: AU2310	Date (UTC): 01/24/2006
General Location: Lafitte, La.	Airport ID, if any:	Station 4-Character ID: BTID	Day of Year: 024
Project Name: IPET Task Order 6 Phase 2/3	Project Number: GPS-	Station Serial # (SSN): 0012	Session ID:(A,B,C etc) 2

NAD83 Latitude: 29° 40' 02.08" N	NAD83 Longitude: 90° 06' 33.56" W	NAD83 Ellipsoidal Height: meters NAVD88 Orthometric Ht.: meters GEOID99 Geoid Height: meters	Agency Full Name: 3001 Inc. Operator Full Name: Dillon Payne Phone #: ( ) e-mail address:
Observation Session Times (UTC): Sched. Start 18:37 Stop 22:37 Actual Start 18:36 Stop 22:37	Epoch Interval= 15 Seconds Elevation Mask = 15 Degrees		

Receiver Brand & Model: Trimble 4000 SSI P/N: 24840-11 S/N: 3608 A 14570 Firmware Version: ☐ CamCorder Battery, ☒ 12V DC, ☐ 110V AC, ☐ Other	Antenna Code*, Brand & Model: Trimble Compac L1/L2 w/Ground Plane P/N: 22020-00 S/N: 022005 0907 Cable Length, meters: Vehicle is Parked 50 meters W (direction) from antenna.	Antenna plumb before session? (Y / N) — Circle Yes or No -If no, explain Antenna plumb after session? (Y / N) Antenna oriented to true North? (Y / N) Weather observed at antenna ht. (Y / N) Antenna ground plane used? (Y / N) Antenna radome used? (Y / N) — If yes, describe. Use Vis. form Eccentric occupation (>0.5 mm)? (Y / N) Any obstructions above 10°? (Y / N) Radio interference source nearby (Y / N)

Tripod or Antenna Mount: Check one:
☐ Fixed-Leg Tripod, ☐ Collapsible-leg tripod ☐ Fixed Mount
Brand & Model:
P/N:
S/N: SECO
Last Adjustment date: 12/12/05

Psychrometer (if used) Brand & Model: Check-It
P/N:
S/N: 622
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)	.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)
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
S/N: Sherpa

Weather Data	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit	Dry-Bulb Temp Celsius	WetBulb Temp Fahrenheit	WetBulb Temp Celsius	Rel. % Humidity	Atm. Pressure inches Hg	Atm. Pressure millibar
Before	02011	18:30	60.0		59.0		96%	30.10	1019
Middle									
After	00001	22:40	58.5		56.5		91%	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): BTID0242.dat
(Standard NGS Format = aaaaddds.xxx)
where aaaa=4-Character ID, ddd=Day of Year, s=Session ID, xxx=file dependant extension

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

LOG CHECKED BY:

Table of Weather Codes	CODE	PROBLEM	VISIBILITY	TEMPERATURE	CLOUD COVER	WIND
	0	did not occur	Good, over 15 miles	Normal, 32° F- 80° F	Clear, below 20%	Calm, under 5mph (8km/h)
	1	did occur	Fair, 7-15 miles	Hot, over 80°F (27 C)	Cloudy, 20% to 70%	Moderate, 5 to 15 mph
	2	- not used -	Poor, under 7 miles	Cold, below 32° F (0 C)	Overcast, over 70%	Strong, over15 mph (24km/h)
Examples:	00000 = No problem, good visibility, normal temp, clear, calm wind			12121 = Problems, poor visibility, hot, overcast, moderate wind		

NATIONAL GEODETIC SURVEY
STATION DESCRIPTION / RECOVERY FORM

PID: AU2310 Designation & Alias: 876 1899 B TIDAL

Country: (USA /) State: Ca. County: JEFFERSON

Latitude: N 29 ° 40 · 02.04 Longitude: W 090 ° 06 · 33.55 Elevation: 0.01 (meter / ft)

Original Description (check one):	
• P	Preliminary (mark has not been set yet)
• D	A newly set mark
• R	A recovered mark
Established by: (NGS / CGS / Other:)	
Date:	Chief of Party (initials):

Recovery Description (check one):	
• F	Full description of a station *not* in the database
• T	Full description of a station *in* the database
• M	*Partial* description of a station in the database
Recovered by: (NGS / Other:)	3001, Inc.
Date: 1/23/06	Chief of Party (initials): JCP

Monument Stability (check one):	
• A	Of the most reliable nature; expected to hold well
• B	Will probably hold position and elevation well
• C	May hold well, but subject to ground movement
• D	Of questionable or unknown reliability

Recovery Condition (check one):	
• G	Recovered in good condition
• N	Not recovered or not found
• P	Poor, disturbed, or mutilated
• X	Surface mark known destroyed

Setting Information:	
Marker Type: (Rod / Disk / Other)	
Setting Type: (Bedrock / Concrete / Other:)	49
(Y) / N / ?	Monument contains magnetic material? I

Stamping:	1899 B 1985
Agency Inscription: (NGS / CGS / Other:)	NOS
Rod Depth: 10' + (meter/ft), Sleeve Depth: N/A (meter/ft)	
Monument is: (flush / projecting / recessed)	15 (cm/inch)

Special Type (check all applicable):	
• F	Fault monitoring site
• T	Tidal Station HT_MOP
• --	Control Station: (FBN / CBN / Bench mark)
• --	Airport Control Station: (PACS / SACS)
(Y) / N	Mark is suitable for GPS use?

Transportation (check one):	
• C	Car
• P	Light truck (pickup, carry-all, etc.)
• X	Four-Wheel Drive Vehicle
• __	Other (SnowCat, Plane, Boat; describe)
Y / N	Pack Time (hike) to mark? (hh:mm):

See Back of Form to add Text Description

Station Pencil Rubbing Form

Location / Airport Name and ID Lafitte, La. Project IDOT 6-TO 13

Station Designation 876 1899 B TIDAL PID AH2310 Date 1/24/06

Circle all applicable: PACS SACS BM FBN CBN OTHER_____

Observer & Organization Dillon Payne - 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 NOS

Stamping 1899 B 1986

GPS STATION OBSERVATION LOG April 16, 2003

Station Designation: (check applicable: __ FBN __ CBN __ PAC __ SAC __ BM) MILAN 2 HT_MOD		Station PID, if any: AT0200	Date (UTC): 24-JAN-06
General Location: Port Sulphur, La.	Airport ID, if any:	Station 4-Character ID: MILA	Day of Year: 024
Project Name: IPET 6 - TASK 1B	Project Number: GPS-	Station Serial # (SSN): 0013	Session ID:(A,B,C etc) 1

NAD83 Latitude: 29° 28 05.26	NAD83 Longitude: 89° 40 53.73	NAD83 Ellipsoidal Height: -24.53 meters NAVD88 Orthometric Ht.: -0.15 meters GEOID99 Geoid Height: -24.39 meters	Agency Full Name: 3001, Inc Operator Full Name: Scotty Tatum Phone #: (601) 421-3757 e-mail address:
Observation Session Times (UTC): Sched. Start 14:00 Stop 18:00 Actual Start 13:55 Stop 18:22	Epoch Interval= 15 Seconds Elevation Mask = 15 Degrees		

Receiver Brand & Model: Trimble 4000 SE P/N: 21000-31 S/N: 3343A04302 Firmware Version: ☐ CamCorder Battery ☑ 12V DC ☐ 110V AC, ☐ Other	Antenna Code*, Brand & Model: Compact C1/C2 w/ GP, Picket P/N: 22020-00 S/N: 0220010015 Cable Length, meters: 5.0 Vehicle is Parked 50 meters E (direction) from antenna.	Antenna plumb before session? (Y / N) — Circle Yes or No -If no, explain Antenna plumb after session? (Y / N) Antenna oriented to true North? (Y / N) Weather observed at antenna ht. (Y / N) Antenna ground plane used? (Y / N) Antenna radome used? (Y / N) — If yes, describe. Use Vis. form Eccentric occupation (>0.5 mm)? (Y / N) Any obstructions above 10°? (Y / N) Radio interference source nearby (Y / N)

Tripod or Antenna Mount: Check one:
☑ Fixed-Leg Tripod, ☐ Collapsible-leg tripod ☐ Fixed Mount
Brand & Model:
P/N:
S/N: SECO
Last Adjustment date: 12/12/05

Psychrometer (if used) Brand & Model: CHEK IT
P/N:
S/N: 622
Last Calibration or check Date:

**** ANTENNA HEIGHT ****

	Before Session Begins: Meters	Before Session Begins: Feet	After Session Ends: Meters	After Session Ends: Feet
	2.0		2.0	
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
S/N: SherpA

Weather Data	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit	Dry-Bulb Temp Celsius	WetBulb Temp Fahrenheit	WetBulb Temp Celsius	Rel. % Humidity	Atm. Pressure inches Hg	Atm. Pressure millibar
Before	02120	13:50	55.2		56.4		100%	30.24	
Middle									
After	02120	18:23	57.5		57.4		100%	30.26	

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): MILA0241.dat
(Standard NGS Format = aaaaddds.xxx)
where aaaa=4-Character ID, ddd=Day of Year, s=Session ID, xxx=file dependant extension

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

LOG CHECKED BY:

Table of Weather Codes

CODE	PROBLEM	VISIBILITY	TEMPERATURE	CLOUD COVER	WIND
0	did not occur	Good, over 15 miles	Normal, 32° F- 80° F	Clear, below 20%	Calm, under 5mph (8km/h)
1	did occur	Fair, 7-15 miles	Hot, over 80°F (27 C)	Cloudy, 20% to 70%	Moderate, 5 to 15 mph
2	- not used -	Poor, under 7 miles	Cold, below 32° F (0 C)	Overcast, over 70%	Strong, over15 mph (24km/h)

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

GPS STATION OBSERVATION LOG
April 16, 2003

Station Designation: (check applicable: __ FBN __ CBN __ PAC __ SAC __ BM) Milan 2 HT_MOD		Station PID, if any: AT0200	Date (UTC): 24 JAN-06
General Location: Port Sulphur, La.	Airport ID, if any:	Station 4-Character ID: MILA	Day of Year: 024
Project Name: DPET 6 - TASK 1B	Project Number: GPS-	Station Serial # (SSN): 0013	Session ID:(A,B,C etc) 2

NAD83 Latitude 29° 28' 05.74"	NAD83 Longitude 89° 40' 53.75"	NAD83 Ellipsoidal Height -24.53 meters NAVD88 Orthometric Ht. -0.15 meters GEOID99 Geoid Height -24.39 meters	Agency Full Name: 3001, Inc. Operator Full Name: Scotty Tatum Phone #: (601) 421-3757 e-mail address:
Observation Session Times (UTC): Sched. Start 16:15 Stop 22:15 Actual Start 18:34 Stop 22:37	Epoch Interval= 15 Seconds Elevation Mask = 15 Degrees		

Receiver Brand & Model: Trimble 4000 SE P/N: 21000-31 S/N: 3343R04302 Firmware Version: ☐ CamCorder Battery, ☐ 12V DC ☐ 110V AC, ☐ Other	Antenna Code*, Brand & Model: Compact L1/L2 w/ga. Plane P/N: 22020-00 S/N: 022001 0015 Cable Length, meters: 5.0 Vehicle is Parked 50 meters E (direction) from antenna.	Antenna plumb before session? (Y / N) — Circle Yes or No Antenna plumb after session? (Y / N) — -If no, explain Antenna oriented to true North? (Y / N) Weather observed at antenna ht. (Y / N) Antenna ground plane used? (Y / N) Antenna radome used? (Y / N) — If yes, describe. Eccentric occupation (>0.5 mm)? (Y / N) Any obstructions above 10°? (Y / N) — Use Vis. form Radio interference source nearby (Y / N)

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

Psychrometer (if used) Brand & Model: Check It
P/N:
S/N: 622
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** = Datum Point to Antenna Reference Point (ARP)	2.063	6.769	2.063	6.769

Meters = Feet x (0.3048)
Height Entered Into Receiver = 2.002 meters.
Note &/or sketch **ANY** unusual conditions. 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	Dry-Bulb Temp Celsius	WetBulb Temp Fahrenheit	WetBulb Temp Celsius	Rel. % Humidity	Atm. Pressure inches Hg	Atm. Pressure millibar
Before	00011	18:30	57.5		57.4		100%	30.26	
Middle									
After	00011	22:39	62.6		57.8		78%	30.22	

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): MILA0242.dat
(Standard NGS Format = aaaaddds.xxx)
where aaaa=4-Character ID, ddd=Day of Year, s=Session ID, xxx=file dependant extension

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

LOG CHECKED BY:

Table of Weather Codes	CODE	PROBLEM	VISIBILITY	TEMPERATURE	CLOUD COVER	WIND
	0	did not occur	Good, over 15 miles	Normal, 32° F- 80° F	Clear, below 20%	Calm, under 5mph (8km/h)
	1	did occur	Fair, 7-15 miles	Hot, over 80°F (27 C)	Cloudy, 20% to 70%	Moderate, 5 to 15 mph
	2	- not used -	Poor, under 7 miles	Cold, below 32° F (0 C)	Overcast, over 70%	Strong, over15 mph (24km/h)
Examples:	00000 = No problem, good visibility, normal temp, clear, calm wind			12121 = Problems, poor visibility, hot, overcast, moderate wind		

NATIONAL GEODETIC SURVEY
STATION DESCRIPTION / RECOVERY FORM

PID: AT0200 Designation & Alias: MIAN 2

Country: (USA /) State: La. County: Plaquemines

Latitude: N 29 ° 28 ' 05.74" Longitude: W 89 ° 40 ' 53.73" Elevation: -015 (meter) / ft)

Original Description (check one):	
• P	Preliminary (mark has not been set yet)
• D	A newly set mark
• R	A recovered mark
Established by: (NGS / CGS / Other:)	
Date:	Chief of Party (initials):

Recovery Description (check one):	
• F	Full description of a station *not* in the database
• T	Full description of a station *in* the database
• M	*Partial* description of a station in the database
Recovered by: (NGS / Other:) 3001, Inc	
Date: 1/23/06	Chief of Party (initials): JCP

Monument Stability (check one):	
• A	Of the most reliable nature; expected to hold well
• B	Will probably hold position and elevation well
• C	May hold well, but subject to ground movement
• D	Of questionable or unknown reliability

Recovery Condition (check one):	
• G	Recovered in good condition
• N	Not recovered or not found
• P	Poor, disturbed, or mutilated
• X	Surface mark known destroyed

Setting Information:	
Marker Type: (Rod / Disk / Other)	
Setting Type: (Bedrock / Concrete / Other:)	
Y / N / ?	Monument contains magnetic material?

Stamping: MIAN 2 1966	
Agency Inscription: (NGS / CGS / Other:)	
Rod Depth: (meter/ft), Sleeve Depth:	(meter/ft)
Monument is: (flush / projecting / recessed)	(cm/inch)

Special Type (check all applicable):	
• F	Fault monitoring site HT_MOD
• T	Tidal Station
• --	Control Station: (FBN / CBN / Bench mark)
• --	Airport Control Station: (PACS / SACS)
Y / N	Mark is suitable for GPS use?

Transportation (check one):	
• C	Car
• P	Light truck (pickup, carry-all, etc.)
• X	Four-Wheel Drive Vehicle
• __	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 Port Sulphur, La. in the ~~South~~ North eastly Corner of A golf Course. 5± N.W of Nairn, La. 4.95 SE of Happy Jack, La. 22.65± N.E of Grand Isle, La.

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

Ownership: Freeport Sulphur Co.

(name, address, phone of landowner)

To Reach Narrative: To reach the station from the ~~intersection of~~ Freeport Sulphur Company Main office in Port Sulphur, La. Go Southeast on Hwy 23 For 0.9 miles to Mark on the Right.

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

Monument Description and Measurements: The station is A Standard Disk Stamped Milan 2, 1966. Set in the Top of A Concrete Cylinder Flush with the ground. 88' S.W. of the Center of Hwy 23. 52.5± South of the Southeast Corner of An Elevated golf Green. 47.5± west of An Oak Tree. 51' Northwest of A Road on the west side of Delta State Bank.

(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 Pursley Phone: (504) 237-3579 e-mail:

Station Pencil Rubbing Form

Location / Airport Name and ID: Port Sulphur, La Project: Det 6-TO 1B

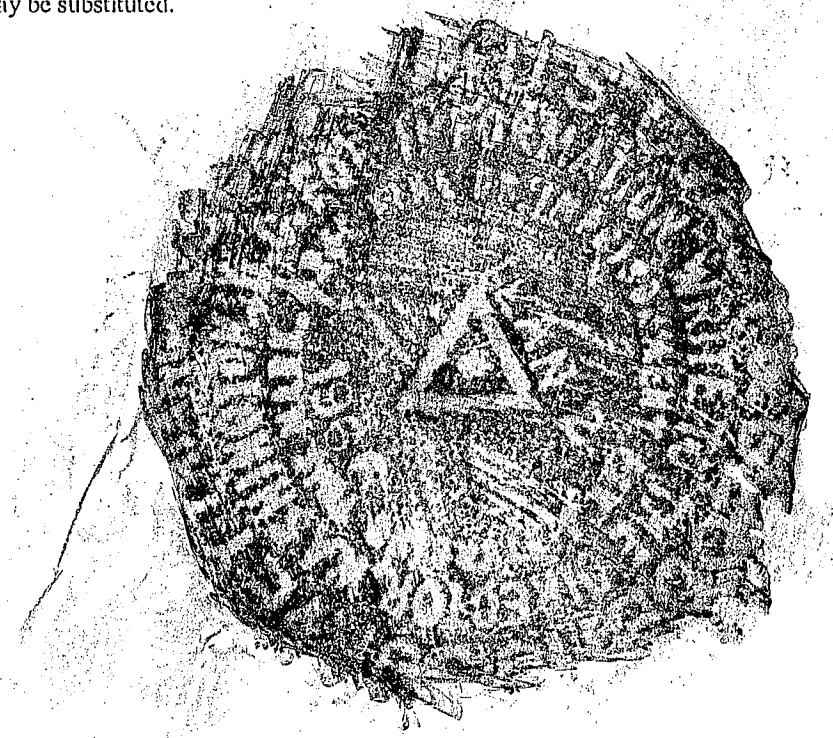
Station Designation: MILAN 2 PID: AT0200 Date: 25 JAN-06

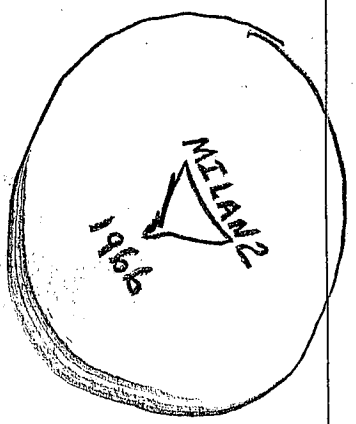
Circle all applicable: PACS SACS ~~BM~~ FBN CBN OTHER_____

Observer & Organization: Scotty Latten

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: ~~USGS~~ CGS

Stamping: Milan 2 1966

Station Pencil Rubbing Form

Location / Airport Name and ID: Port Sulphur, La. Project: IPET 6 - TASK 1B

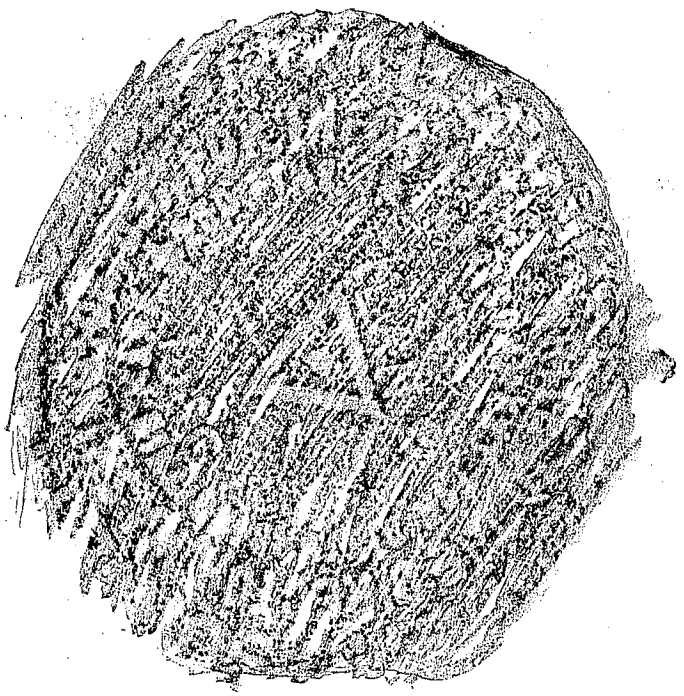
Station Designation: MILAN 2 PID: AT0200 Date: 1/23/06

Circle all applicable: PACS SACS BM FBN CBN OTHER_____

Observer & Organization: John Prapera - 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.



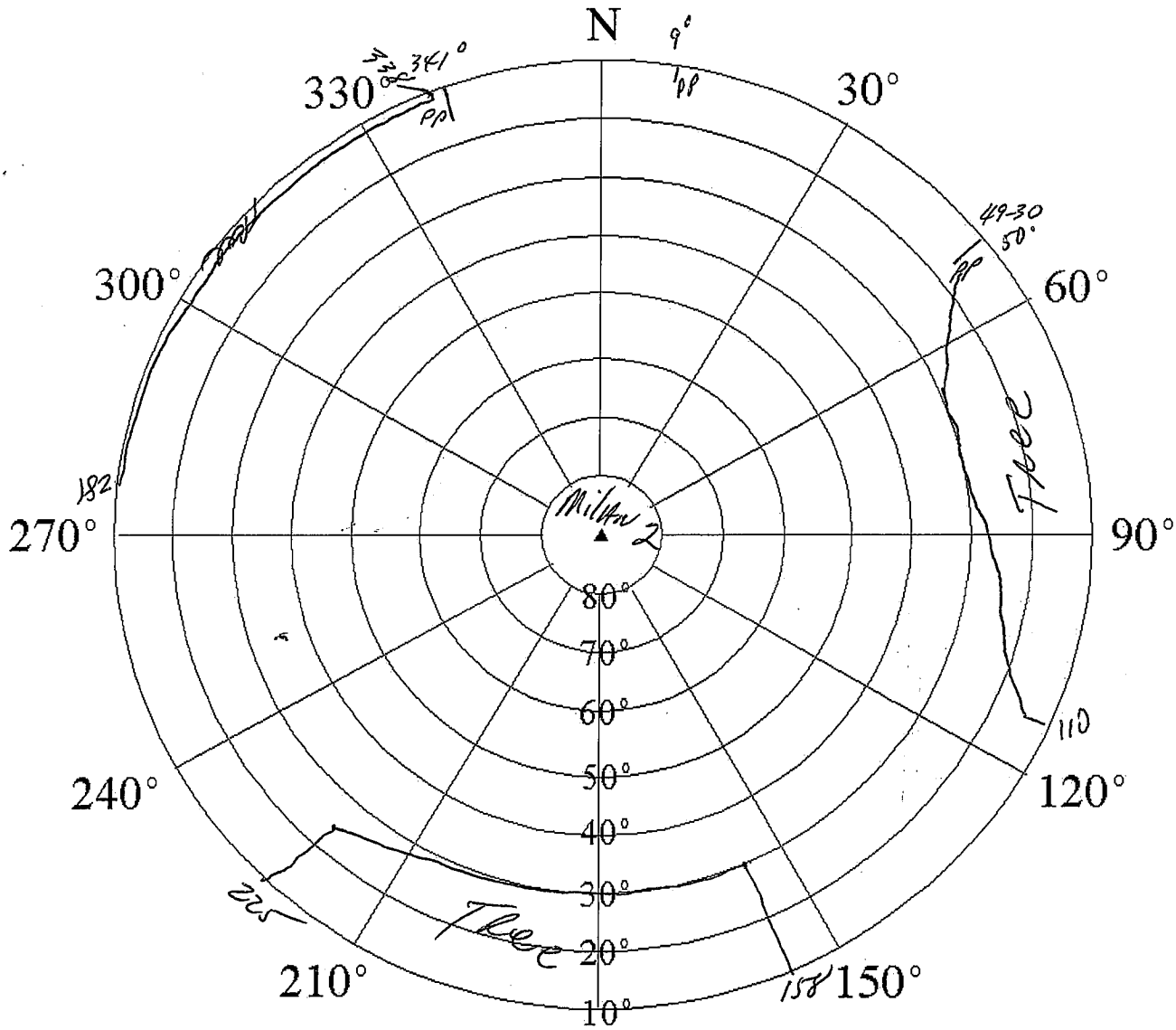
Remarks:

Monument Type: DISK

Inscribed Agency: CGS

Stamping: MILAN 2

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: MILA Designation: Milan 2

PID: AT0200 Location: Port Sulphur, La.

County: Plaquemine Reconnaissance By: John Purpera

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

Phone: (504) 237-3579 Date: 1/23/06

Check if no obstructions above 10 degrees ☐

GPS STATION OBSERVATION LOG
April 16, 2003

Station Designation: (check applicable: __ FBN __ CBN __ PAC __ SAC ✓BM) 876 1602 C TIDAL (NOS)		Station PID, if any: AT1392	Date (UTC): 24-JAN-06
General Location: Lake Hermitage, La.	Airport ID, if any:	Station 4-Character ID: 160C	Day of Year: 024
Project Name: EPET 6 - TASK 13	Project Number: GPS-	Station Serial # (SSN): 0014	Session ID:(A,B,C etc) 1

NAD83 Latitude ° ' "	NAD83 Longitude ° ' "	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 13:55 Stop 18:22	Epoch Interval= 15 Seconds Elevation Mask = 15 Degrees	Agency Full Name: 3001, Inc Operator Full Name: Paul Hollingsworth Phone #: (601) 513-2321 e-mail address:

Receiver Brand & Model: Trimble 4000SE P/N: 21000-31 S/N: 3343A04300 Firmware Version: ☐ CamCorder Battery, ☐ 12V DC, ☐ 110V AC, ☐ Other	Antenna Code*, Brand & Model: Compact L1/L2 w/ gr. Plane P/N: 22020-00 S/N: 0220010011 Cable Length, meters: Vehicle is Parked 50 meters SW (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: SECO
S/N:
Last Adjustment date:

Psychrometer (if used) Brand & Model:
P/N: Check It
S/N: 622
Last Calibration or check Date:

**** ANTENNA HEIGHT ****

	Before Session Begins: Meters	Before Session Begins: Feet	After Session Ends: Meters	After Session Ends: Feet
A= Datum point to Top of Tripod (Tripod Height)	2.000	6.562	2.000	6.562
B= Additional offset to ARP if any (Tribrach/Spacer)	0.063	0.207	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
S/N: SherpA

Weather Data	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit	Dry-Bulb Temp Celsius	WetBulb Temp Fahrenheit	WetBulb Temp Celsius	Rel. % Humidity	Atm. Pressure inches Hg	Atm. Pressure millibar
Before	01020	13:45	52.5		52.0		98%	30.24	
Middle									
After	01001	18:25	62.2		60.3		91%	30.26	

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): 160C0241.dat
(Standard NGS Format = aaaaddds.xxx)
where aaaa=4-Character ID, ddd=Day of Year, s=Session ID, xxx=file dependant extension

Updated Station Description:	☑ Attached	☐ Submitted earlier	LOG CHECKED BY:
Visibility Obstruction Form:	☑ Attached	☐ Submitted earlier	
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, over15 mph (24km/h)

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

GPS STATION OBSERVATION LOG
April 16, 2003

Station Designation: (check applicable: __ FBN __ CBN __ PAC __ SAC ~~__~~ BM) 876 1602 C TIDAC (NOS)		Station PID, if any: AT1392	Date (UTC): 24-JAN-06
General Location: Lake Hermitage	Airport ID, if any:	Station 4-Character ID: 160C	Day of Year: 024
Project Name: IDOT 6 - TASK 1B	Project Number: GPS-	Station Serial # (SSN): 0014	Session ID:(A,B,C etc) 2

NAD83 Latitude ° ' "	NAD83 Longitude ° ' "	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 18:15 Stop 22:15 Actual Start 18:34 Stop 22:37	Epoch Interval= 15 Seconds Elevation Mask = 15 Degrees		

Receiver Brand & Model: Trimble 4000SSE P/N: 21000-31 S/N: 3343A04300 Firmware Version: ☐ CamCorder Battery ☐ 12V DC ☐ 110V AC, ☐ Other	Antenna Code*, Brand & Model: Compute C/C2 w/GP Plane P/N: 22020-00 S/N: 032001/0011 Cable Length, meters: Vehicle is Parked 50 meters SW (direction) from antenna.	Antenna plumb before session? (Y / N) Circle Antenna plumb after session? (Y / N) Yes or No Antenna oriented to true North? (Y / N) -If no, Weather observed at antenna ht. (Y / N) explain Antenna ground plane used? (Y / N) " Antenna radome used? (Y / N) If yes, Eccentric occupation (>0.5 mm)? (Y / N) describe. Any obstructions above 10°? (Y / N) Use Radio interference source nearby (Y / N) Vis. form

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

Psychrometer (if used) Brand & Model:
P/N: Check It
S/N: 622
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 = 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
S/N: Shoppa

Weather Data	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit	Dry-Bulb Temp Celsius	WetBulb Temp Fahrenheit	WetBulb Temp Celsius	Rel. % Humidity	Atm. Pressure inches Hg	Atm. Pressure millibar
Before	01001	1830	62.2		60.3		91%	30.26	
Middle									
After	00001	22:40	62.3		60.0		90%	30.25	

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): 160C0242.dat
(Standard NGS Format = aaaaddds.xxx)
where aaaa=4-Character ID, ddd=Day of Year, s=Session ID, xxx=file dependant extension

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

LOG CHECKED BY:

Table of Weather Codes	CODE	PROBLEM	VISIBILITY	TEMPERATURE	CLOUD COVER	WIND
	0	did not occur	Good, over 15 miles	Normal, 32° F- 80° F	Clear, below 20%	Calm, under 5mph (8km/h)
	1	did occur	Fair, 7-15 miles	Hot, over 80°F (27 C)	Cloudy, 20% to 70%	Moderate, 5 to 15 mph
	2	- not used -	Poor, under 7 miles	Cold, below 32° F (0 C)	Overcast, over 70%	Strong, over15 mph (24km/h)

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

NATIONAL GEODETIC SURVEY
STATION DESCRIPTION / RECOVERY FORM

PID: AT1392 Designation & Alias: 876 1602 C TIDAL

Country: (USA /) State: La. County: Plaquemines

Latitude: N 29 ° 33 ' 33.83 " Longitude: W 089 ° 53 05.03 " Elevation: 0.5 (meter) / ft)

Original Description (check one):	
• P	Preliminary (mark has not been set yet)
• D	A newly set mark
• R ✓	A recovered mark
Established by: (NGS / CGS / Other:)	NOS
Date: 1/23/06	Chief of Party (initials): QCP

Recovery Description (check one):	
• F	Full description of a station *not* in the database
• T ✓	Full description of a station *in* the database
• M	*Partial* description of a station in the database
Recovered by: (NGS / Other:)	NOS
Date: 1/23/06	Chief of Party (initials): QCP

Monument Stability (check one):	
• A	Of the most reliable nature; expected to hold well
• B	Will probably hold position and elevation well
• C	May hold well, but subject to ground movement
• D	Of questionable or unknown reliability

Recovery Condition (check one):	
• G ✓	Recovered in good condition
• N	Not recovered or not found
• P	Poor, disturbed, or mutilated
• X	Surface mark known destroyed

Setting Information:	
Marker Type: (Rod / Disk / Other)	
Setting Type: (Bedrock / Concrete / Other:)	49
(Y) / N / ?	Monument contains magnetic material?

Stamping:	1602 C 1985
Agency Inscription: (NGS / CGS / (Other:))	NOS
Rod Depth: 22.0 (meter/ft), Sleeve Depth:	(meter/ft)
Monument is: (flush / projecting / recessed)	(cm/inch)

Special Type (check all applicable):	
• F	Fault monitoring site
• T ✓	Tidal Station
• --	Control Station: (FBN / CBN / Bench mark)
• --	Airport Control Station: (PACS / SACS)
(Y) / N	Mark is suitable for GPS use?

Transportation (check one):	
• C	Car
• P ✓	Light truck (pickup, carry-all, etc.)
• X	Four-Wheel Drive Vehicle
• __	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 Naquemines Marsh @ Cattle Hermitage. 12.65 miles N.W of Port Sulphur, La. 15.4 miles S.E of Lafitte, La. 27.0 miles SE of Chalmette, La.

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

Ownership: ALFRED J. Ceblane, RFD NO 1 Box 113, Cattle Judge Perez Rd. Port Sulphur, La. (name, address, phone of landowner)

To Reach Narrative: To reach the station from ~~the intersection of~~ Myrtle grove, La. Go South east on Hwy 23 2.35 miles to Cattle Hermitage Rd. on the Right. Go South east on Cattle Hermitage Rd. 4.95 miles to the Cattle Hermitage Fire Station on the Right has the mark on the Left.

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

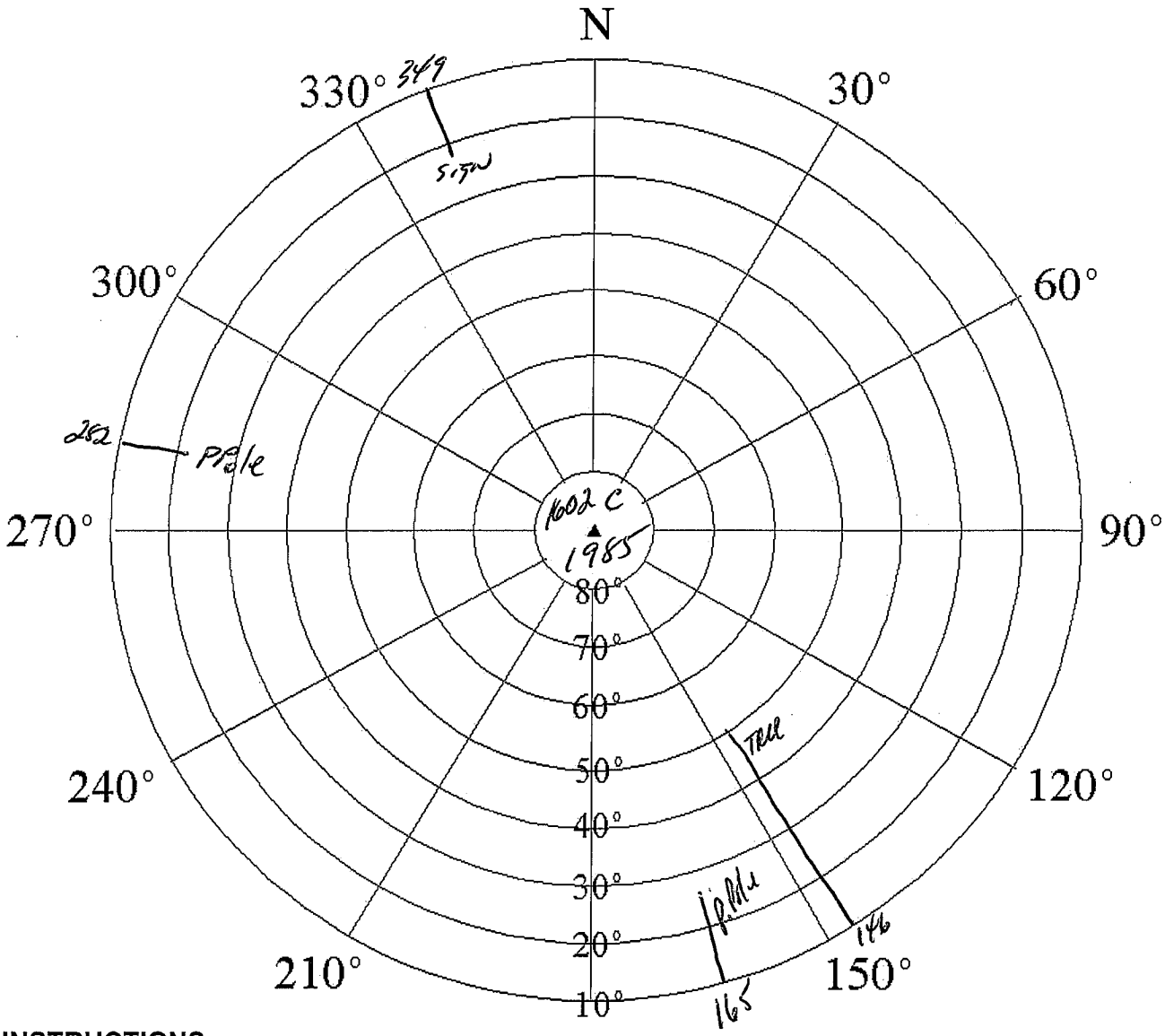
Monument Description and Measurements: The station is 94.9' North east of the North east corner of Fire Station. 70.7' South east of A Power Pole with utility guide wire. 16.0' Northeast of ℄ of Cattle Hermitage Rd. 20' South east of B. Bayou Ln.

(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 Pierpont 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: 160C Designation: 876 1602 C TIDAL

PID: AT1392 Location: Lake Judge Perez, La.

County: Plaquemines Reconnaissance By: John Purpera

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

Phone: (504) 237-3597 Date: 1/23/06

Check if no obstructions above 10 degrees ☐

Station Pencil Rubbing Form

Location / Airport Name and ID Lake Hermitage, La. Project IPET 6-TASKorder 18

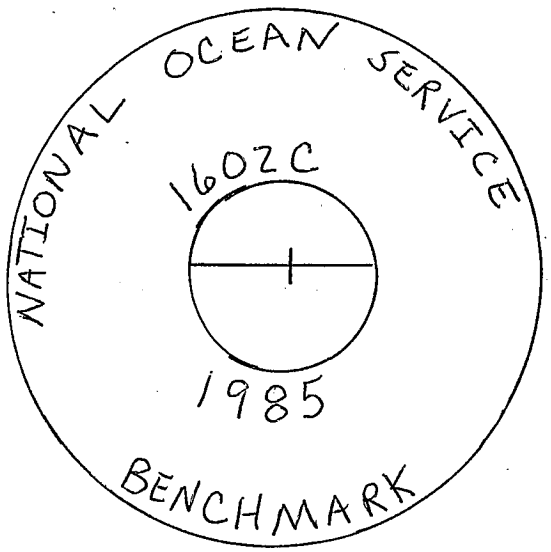
Station Designation 876 1602 C TIDAL PID AT1392 Date 1/24/06

Circle all applicable: PACS SACS (BM) FBN CBN OTHER_____

Observer & Organization - 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 NOS

Stamping 1602C 1985

GPS STATION OBSERVATION LOG
April 16, 2003

Station Designation: (check applicable: __ FBN __ CBN __ PAC __ SAC ~~LBM~~) 1799 B		Station PID, if any: NONE	Date (UTC): 24-JAN-06
General Location: BACATARIA WATERWAY	Airport ID, if any:	Station 4-Character ID: 1799	Day of Year: 024
Project Name: IPET 6 - TASK ORDER 1B	Project Number: GPS-	Station Serial # (SSN): 0015	Session ID:(A,B,C etc) 1

NAD83 Latitude: 29 29 46.67 N	NAD83 Longitude: 90 ° 01 32.57 W	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 13:55 Stop 18:22	Epoch Interval= 15 Seconds Elevation Mask = 15 Degrees	Agency Full Name: 3001, Inc Operator Full Name: JOHN PURPERA Phone #: (504) 237-3579 e-mail address:

Receiver Brand & Model: Trimble 4000 SE P/N: 21000-31 S/N: 3343A04305 Firmware Version: ☐ CamCorder Battery, ☐ 12V DC, ☐ 110V AC, ☐ Other	Antenna Code*, Brand & Model: Compact L1/L2 w/gr. Plane P/N: S/N: 24419 Cable Length, meters: 5.56 m. Vehicle is Parked 80 meters SE (direction) from antenna.	Antenna plumb before session? (Y / N) Circle Antenna plumb after session? (Y / N) Yes or No Antenna oriented to true North? (Y / N) -If no, Weather observed at antenna ht. (Y / N) explain Antenna ground plane used? (Y / N) " Antenna radome used? (Y / N) If yes, Eccentric occupation (>0.5 mm)? (Y / N) describe. Any obstructions above 10°? (Y / N) Use Radio interference source nearby (Y / N) Vis. form

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

Psychrometer (if used) Brand & Model: CHECK-IT
P/N:
S/N: model 0622
Last Calibration or check Date: Digital

**** ANTENNA HEIGHT ****

	Before Session Begins: Meters	Before Session Begins: Feet	After Session Ends: Meters	After Session Ends: Feet
A= Datum point to Top of Tripod (Tripod Height)	2.000	6.562	2.000	6.562
B=Additional offset to ARP if any (Tribrach/Spacer)	0.063	0.207	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
S/N: SHERPA

Weather Data	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit	Dry-Bulb Temp Celsius	WetBulb Temp Fahrenheit	WetBulb Temp Celsius	Rel. % Humidity	Atm. Pressure inches Hg	Atm. Pressure millibar
Before	02021	13:50	51.0		52.5		100%	30.10	1019
Middle	02021	15:50						30.14	1020
After	02021	18:23	61.2		61.2		98%	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): 17990241.dat
(Standard NGS Format = aaaaddds.xxx)
where aaaa=4-Character ID, ddd=Day of Year, s=Session ID, xxx=file dependant extension

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

LOG CHECKED BY:

Table of Weather Codes	CODE	PROBLEM	VISIBILITY	TEMPERATURE	CLOUD COVER	WIND
	0	did not occur	Good, over 15 miles	Normal, 32° F- 80° F	Clear, below 20%	Calm, under 5mph (8km/h)
	1	did occur	Fair, 7-15 miles	Hot, over 80°F (27 C)	Cloudy, 20% to 70%	Moderate, 5 to 15 mph
	2	- not used -	Poor, under 7 miles	Cold, below 32° F (0 C)	Overcast, over 70%	Strong, over15 mph (24km/h)
Examples:	00000 = No problem, good visibility, normal temp, clear, calm wind			12121 = Problems, poor visibility, hot, overcast, moderate wind		

GPS STATION OBSERVATION LOG
April 16, 2003

Station Designation: (check applicable: __ FBN __ CBN __ PAC __ SAC ~~BM~~) 1799 B		Station PID, if any: N/A	Date (UTC): 24-JAN-06
General Location: Barataria Waterway	Airport ID, if any:	Station 4-Character ID: 1799	Day of Year: 024
Project Name: IPET 6 TASK ORDER 1B	Project Number: GPS-	Station Serial # (SSN):	Session ID:(A,B,C etc) 2

NAD83 Latitude: 29° 25' 46.65"	NAD83 Longitude: 90° 01' 32.59"	NAD83 Ellipsoidal Height: meters NAVD88 Orthometric Ht.: meters GEOID99 Geoid Height: meters	Agency Full Name: 3001, Inc Operator Full Name: John Rupprecht Phone #: (504) 237-3579 e-mail address:
Observation Session Times (UTC): Sched. Start 18:37 Stop 22:37 Actual Start 18:32 Stop 22:37	Epoch Interval= 15 Seconds Elevation Mask = 15 Degrees		

Receiver Brand & Model: Trimble 4000 SE P/N: 21020-31 S/N: 3343406305 Firmware Version: ☐ CamCorder Battery, ☐ (12V DC) ☐ 110V AC, ☐ Other	Antenna Code*, Brand & Model: Compact L1/L2 w/ groPlane P/N: S/N: 24419 Cable Length, meters: 5.56 M Vehicle is Parked 80 meters SE (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~~) Eccentric occupation (>0.5 mm)? (Y / ~~N~~) If yes, Any obstructions above 10°? (Y / ~~N~~) describe. Radio interference source nearby (Y / ~~N~~) Use Vis. form

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

Psychrometer (if used) Brand & Model: CheckIt model 0622
P/N:
S/N:
Last Calibration or check Date:

**** ANTENNA HEIGHT ****

	Before Session Begins: Meters	Before Session Begins: Feet	After Session Ends: Meters	After Session Ends: Feet
A= Datum point to Top of Tripod (Tripod Height)	2.000	6.562	2.000	6.562
B=Additional offset to ARP if any (Tribrach/Spacer)	0.063	0.207	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
S/N: Sherpa

Weather Data	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit	Dry-Bulb Temp Celsius	WetBulb Temp Fahrenheit	WetBulb Temp Celsius	Rel. % Humidity	Atm. Pressure inches Hg	Atm. Pressure millibar
Before	00001	18:30	61.7		61.7		96%	30.12	1019
Middle	00001	20:30						30.09	1019
After	00001	22:40	62.6		61.5		97%	30.09	1019

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): 17990242.dat
(Standard NGS Format = aaaaddds.xxx)
where aaaa=4-Character ID, ddd=Day of Year, s=Session ID, xxx=file dependant extension

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

LOG CHECKED BY:

Table of Weather Codes	CODE	PROBLEM	VISIBILITY	TEMPERATURE	CLOUD COVER	WIND
	0	did not occur	Good, over 15 miles	Normal, 32° F- 80° F	Clear, below 20%	Calm, under 5mph (8km/h)
	1	did occur	Fair, 7-15 miles	Hot, over 80°F (27 C)	Cloudy, 20% to 70%	Moderate, 5 to 15 mph
	2	- not used -	Poor, under 7 miles	Cold, below 32° F (0 C)	Overcast, over 70%	Strong, over15 mph (24km/h)
Examples:	00000 = No problem, good visibility, normal temp, clear, calm wind			12121 = Problems, poor visibility, hot, overcast, moderate wind		

NATIONAL GEODETIC SURVEY
STATION DESCRIPTION / RECOVERY FORM

PID: NONE Designation & Alias: 1799 B

Country: (USA /) State: La. County: JEFFERSON

Latitude: N 29 ° 29 ' 46.65 " Longitude: W 090 ° 01 ' 32.59 " Elevation: _____ (meter / ft)

Original Description (check one):	
• P	Preliminary (mark has not been set yet)
• D	A newly set mark
• R	A recovered mark
Established by: (NGS / CGS / Other:)	
Date:	Chief of Party (initials):

Recovery Description (check one):	
• F	Full description of a station *not* in the database
• T	Full description of a station *in* the database
• M	*Partial* description of a station in the database
Recovered by: (NGS / Other:) 3001, Inc.	
Date: 1/24/06	Chief of Party (initials): GCP

Monument Stability (check one):	
• A	Of the most reliable nature; expected to hold well
• B	Will probably hold position and elevation well
• C	May hold well, but subject to ground movement
• D	Of questionable or unknown reliability

Recovery Condition (check one):	
• G	Recovered in good condition
• N	Not recovered or not found
• P	Poor, disturbed, or mutilated
• X	Surface mark known destroyed

Setting Information:	
Marker Type: (Rod / Disk / Other)	
Setting Type: (Bedrock / Concrete / Other:)	
(Y) N / ?	Monument contains magnetic material?

Stamping: 1799 B 1985	
Agency Inscription: (NGS / CGS / Other:) NOS	
Rod Depth: 2 1/2 (meter/ft), Sleeve Depth: — (meter/ft)	
Monument is: (flush / projecting / recessed) 6" (cm/inch)	

Special Type (check all applicable):	
• F	Fault monitoring site
• T	Tidal Station
• --	Control Station: (FBN / CBN / Bench mark)
• --	Airport Control Station: (PACS / SACS)
(Y)/N	Mark is suitable for GPS use?

Transportation (check one):	
• C	Car
• P	Light truck (pickup, carry-all, etc.)
• X	Four-Wheel Drive Vehicle
• _	Other (SnowCat, Plane, Boat; describe)
(Y)/N	Pack Time (hike) to mark? (hh:mm): 1 minute

See Back of Form to add Text Description

General Station Location: The station is located in Jefferson Parish, La. Along the Barataria Waterway, 12.85 miles Southeast of Lafitte, La. 16.85 miles NE of Galliano, La., 20.9 miles N.W. of Port Sulphur, La.

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

Ownership: M.V. Petroleum

(name, address, phone of landowner)

To Reach Narrative: To reach the station from the ~~intersection of~~ C-Way Marina in Lafitte, La. Proceed Southeast (in Boat) Along the Barataria Waterway 12.85 miles to Red Beacon #50. Turn Right into open Bay and go Approx 1000' to First Platform at the mouth of an oil Platform canal. Turn Right into the canal And go Approx. 1200'± to the N.W. Corner And 2 Large Storage Tanks. Park Boat And Proceed N.W. 250'± to Mark. (Leg-by-leg distances and directions from major road intersection to mark)
(By Foot)

Monument Description and Measurements: The station is stainless Steel Rod with cap Project 0.5' Above the ground. Approx. 200'± N.W. of The Face of the Northern most of 2 Storage Tanks. 249' N.W of Bench Mark 1799 A 1985, 247.2' South of Bench Mark 1799 C 1985. ~~Approx.~~ Mark is in the Northwest Corner of the canal. Approx 15' N.W. of Bank line.

(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 Pungmat Phone: (504) 237-3579 e-mail: ____________

Station Pencil Rubbing Form

Location / Airport Name and ID Barataria waterway - Jefferson Parish Project _____

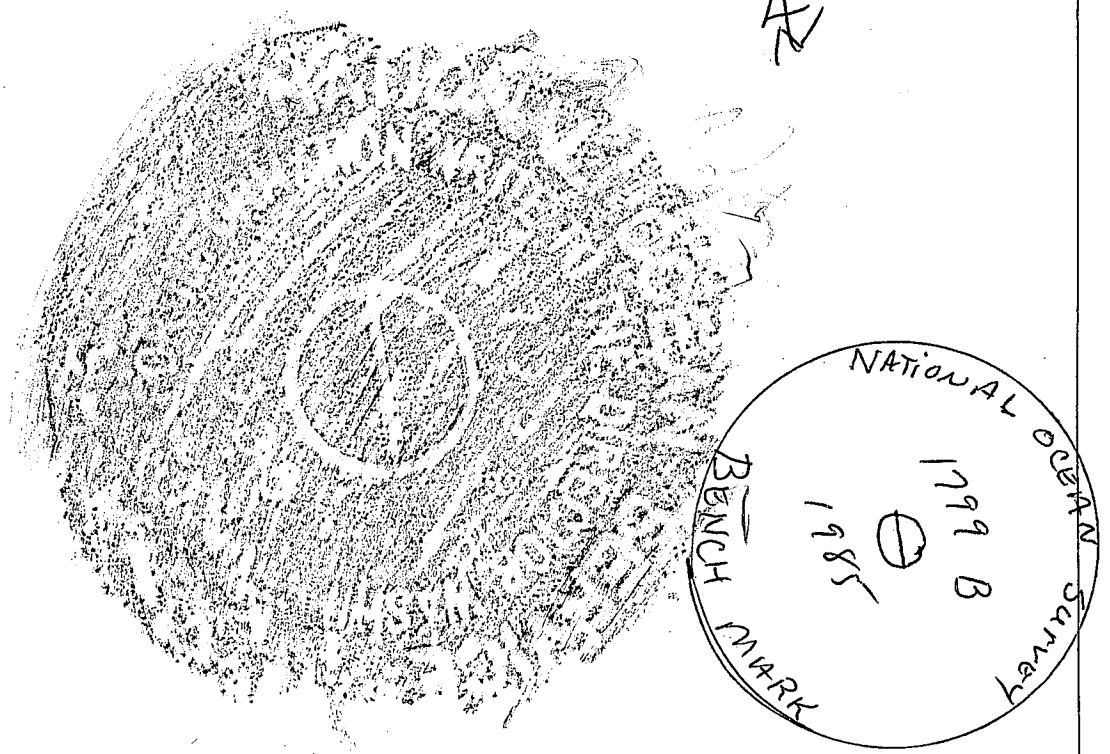
Station Designation 1799 C PID NO Date 1/24/06

Circle all applicable:
PACS SACS (BM) FBN CBN OTHER_____

Observer & Organization Purpera/Overett 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.



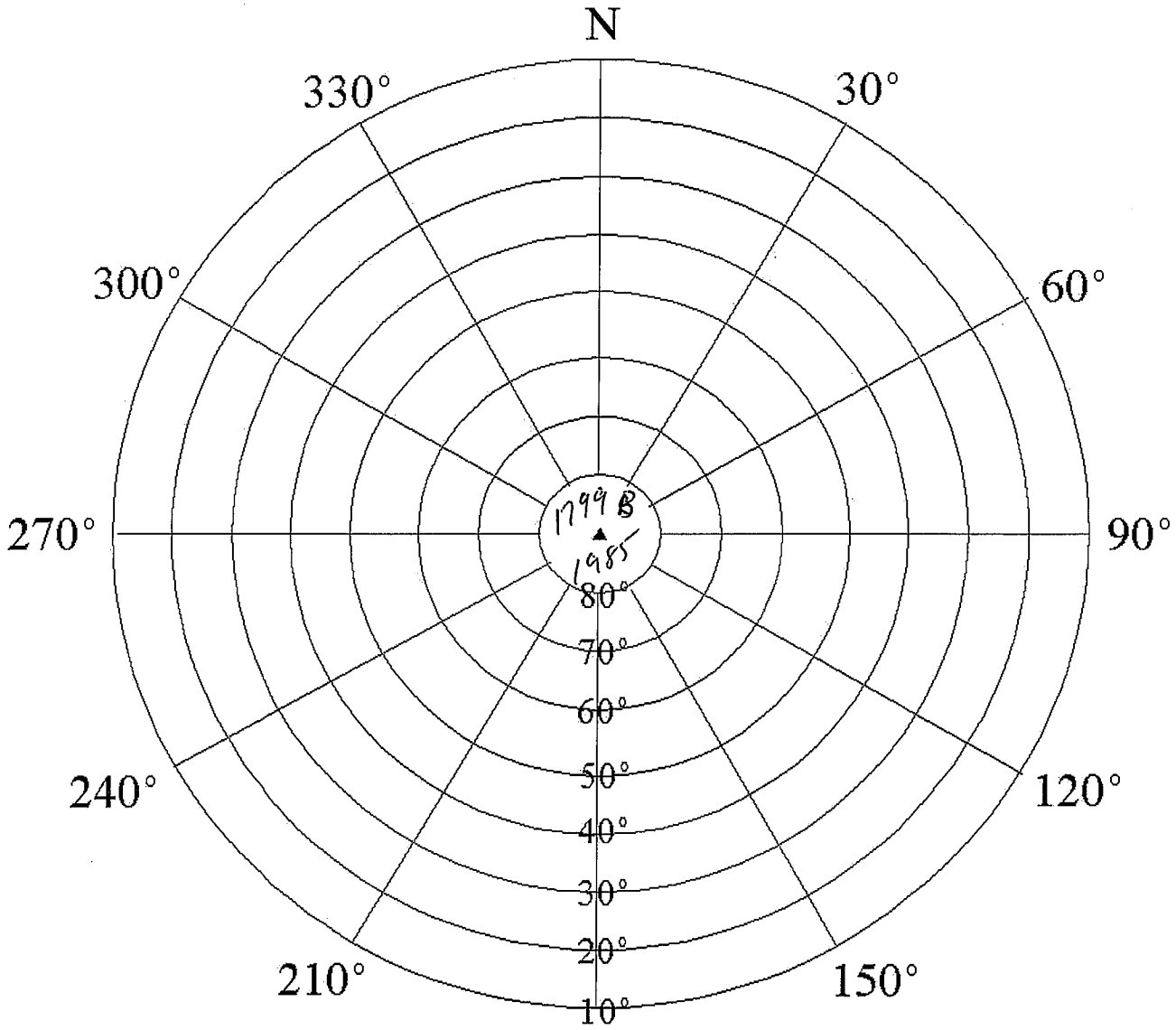
Remarks:

Monument Type DISK

Inscribed Agency NOS

Stamping 1799 C 1985

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: 1799B Designation: 1799 B

PID: N/A Location: Barataria Rd Waterway

County: Jefferson Reconnaissance By: John Purpera

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

Phone: (504) 237-3579 Date: 1/24/06

Check if no obstructions above 10 degrees ☑