

JD 195

07:50 - 14:52

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092	
Observation Date: 7-13-2004 ✓		Day of Year: 195 ✓		EA: 908160
Operator: R.E. BROWN R.B. MacKenzie III ✓			Agency: CalTrans - District 05	
Receiver #: 1 ✓	Manufacturer: Trimble	Model: 5700	S/N: 0440100990 ✓	
P/N: 40406-46	Firmware Version: v 2.01			
Controller #: 11 ✓	Manufacturer: Trimble	Model: TSCE	S/N: 00031634 ✓	
P/N: 45185-10 ✓	Firmware Version: Survey Controller v 10.72			
Antenna #: 1 ✓	Manufacturer: Trimble	Model: Zephyr Geodetic	S/N: 12200511 ✓	
P/N: 41249-00	DC: 4126			

OBSERVATION TECHNIQUE

Static ☒

Session #: 0 ✓	Station Name: HPGN D CA 05 HK ✓	PID: FV2065 ✓
4 Character ID: 05HK ✓ File Name(s): 05HK1950 ✓		
File Name Format = aaaaddss.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled		
Start Time (Local) 09:00 ✓	Start Time (UTC) 16:00 ✓	End Time (Local) 14:00 ✓ End Time (UTC) 21:00 ✓
Actual		
Start Time (Local) 07:50 ✓	Start Time (UTC) 14:50 ✓	End Time (Local) 14:51 ✓ End Time (UTC) 21:51 ✓

ANTENNA INFORMATION

Fixed Height Tripod ☒	Collapsible Leg Tripod ☐	Other ☐ Describe _____
Tripod #: 1	Tripod Manufacturer: SECO	Tripod Color: Green
Adjustment - Verified ☐	Adjusted ☒ (Initials): R.B.M.	

ANTENNA HEIGHT	Before Session Begins		After Session ends	
	Meters	Feet	Meters	Feet
A = Datum point to Top of Tripod or Height Hook reading	2.000			
B = Additional offset to ARP if any (Quick Release/ HH constant)	0			
H = Antenna Height = A+B = Datum Point to Antenna Reference Point (ARP) Note: ARP is Bottom of Antenna Mount	2.000			

Antenna plumb before session? ☒ Y ☐ N	Antenna plumb after session? ☒ Y ☐ N	Antenna cable length 10 m.
Vehicle is parked N/A meters _____ (direction) from antenna and (Above/Below)		
Pencil rubbing ☐ or sketch ☐ attached ☒ Y ☐ N If no explain Photo Taken		

PHOTOGRAPH LOG

Frame # or File name	Description
1	Overall shot of set-up
2 & 3	Close-up of monument

Remarks, Weather, Comments on Problems, Sketches, etc.
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Log Checked By: R.B.M.	Date: 8-10-2004
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GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092
Observation Date: 7-13-04 ✓	Day of Year: 195 ✓	EA: 908160
Operator: J. WALSH ✓		Agency: CalTrans - District 05
Receiver #: 2 P/N: 40406-46	Manufacturer: Trimble Model: 5700 Firmware Version: v 2.01	S/N: 0440100986 ✓
Controller #: A-10 ✓ P/N: 45185-10 ✓	Manufacturer: Trimble Model: TSCe Firmware Version: Survey Controller v 10.72	S/N: 00026155 ✓
Antenna #: 2 ✓ P/N: 41249-00	Manufacturer: Trimble Model: Zephyr Geodetic DC: 4126	S/N: 11884506 ✓

OBSERVATION TECHNIQUE

Static ☒

Session #: X O	Station Name: HIWAY ✓	PID: FV1002 ✓
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4 Character ID: H/WA ✓ File Name(s): HIWA1950
 File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension

Scheduled

Start Time (Local) 9:00 ✓ Start Time (UTC) 1600 ✓ End Time (Local) 2:00 ✓ End Time (UTC) 2100 ✓

Actual

Start Time (Local) 8:55 ✓ Start Time (UTC) 1555 ✓ End Time (Local) 2:01 ✓ End Time (UTC) 2101 ✓

ANTENNA INFORMATION

Fixed Height Tripod ☒ Collapsible Leg Tripod ☐ Other ☐ Describe _____
 Tripod #: 2 Tripod Manufacturer: Seco Tripod Color: green
 Adjustment - Verified ☒ Adjusted ☐ (Initials): gh

ANTENNA HEIGHT	Before Session Begins		After Session ends	
	Meters	Feet	Meters	Feet
A = Datum point to Top of Tripod or Height Hook reading	2.00			
B = Additional offset to ARP if any (Quick Release/ HH constant)	0.0			
H = Antenna Height = A+B = Datum Point to Antenna Reference Point (ARP) Note: ARP is Bottom of Antenna Mount	2.00			

Antenna plumb before session? (Y/N) Antenna plumb after session? (Y/N) Antenna cable length 10m
 Vehicle is parked 33 + meters SLY (direction) from antenna and (Above/Below)
 Pencil rubbing ☐ or sketch ☐ attached (Y/N) If no explain D16 Photos taken

PHOTOGRAPH LOG

Frame # or File name	Description
1, 2, 3	SLY WLY NLY site - GPS taken down.
4, 5, 6	close-up mon.

Remarks, Weather, Comments on Problems, Sketches, etc.

Foggy, cool sl. ght breeze
 poopc 8:55 2.0 2:00 2.8
 10:20 1.9
 10:59 1.5
 11:28 1.4
 12:18 2.1
 1:10 2.4

Log Checked By: R.B.M.

Date: 8-10-2004



jd195 001.jpg



jd195 002.jpg



jd195 003.jpg



jd195 004.jpg



jd195 005.jpg



jd195 006.jpg

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092
Observation Date: 7-13-2004 ✓	Day of Year: 195 ✓	EA: 908160
Operator: R.B. MacKenzie III ✓		Agency: CalTrans - District 05
Receiver #: 3 ✓ P/N: 40406-46	Manufacturer: Trimble Model: 5700 Firmware Version: v 2.01	S/N: 0440100467 ✓
Controller #: 13 ✓ P/N: 45185-10 ✓	Manufacturer: Trimble Model: TSCe Firmware Version: Survey Controller v 10.72	S/N: 00031555 ✓
Antenna #: 3 ✓ P/N: 41249-00	Manufacturer: Trimble Model: Zephyr Geodetic DC: 4124 ✓	S/N: 12234994 ✓

OBSERVATION TECHNIQUE

Static ☒

Session #: 0 ✓	Station Name: HPGN CA 05 07 ✓	PID: FV2050 ✓
4 Character ID: 0507 ✓ File Name(s): 05071950 ✓		
File Name Format = aaaaddd.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled		
Start Time (Local) 09:00 ✓	Start Time (UTC) 16:00 ✓	End Time (Local) 14:00 ✓ End Time (UTC) 21:00 ✓
Actual		
Start Time (Local) 08:47 ✓	Start Time (UTC) 15:47 ✓	End Time (Local) 14:01 ✓ End Time (UTC) 21:01 ✓

ANTENNA INFORMATION

Fixed Height Tripod ☒ Collapsible Leg Tripod ☐ Other ☐ Describe _____

Tripod #: 3 Tripod Manufacturer: SECO Tripod Color: GREEN

Adjustment - Verified ☐ Adjusted ☒ (Initials): R.B.M.

ANTENNA HEIGHT	Before Session Begins		After Session ends	
	Meters	Feet	Meters	Feet
A = Datum point to Top of Tripod or Height Hook reading	2.000			
B = Additional offset to ARP if any (Quick Release/ HH constant)	0			
H = Antenna Height = A+B = Datum Point to Antenna Reference Point (ARP) Note: ARP is Bottom of Antenna Mount	2.000			

Antenna plumb before session? (Y/N) Antenna plumb after session? (Y/N) Antenna cable length 10 m.

Vehicle is parked 28 ± meters SE'ly (direction) from antenna and (Above/Below)

Pencil rubbing ☐ or sketch ☐ attached (Y/N) If no explain Photo Taken

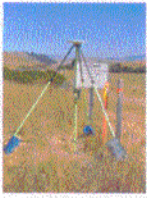
PHOTOGRAPH LOG

Frame # or File name	Description
1,2,3,4	Overall of Setup Looking W'ly, NW'ly, N'ly, E'ly
5 & 6	Close-up of monument

Remarks, Weather, Comments on Problems, Sketches, etc.

Warm, calm, light fog/clouds

Log Checked By: R.B.M. Date: 8-10-2004



jd195 001.jpg



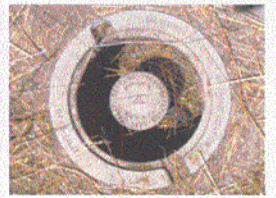
jd195 002.jpg



jd195 003.jpg



jd195 004.jpg



jd195 005.jpg



jd195 006.jpg

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092
Observation Date: 7-13-04 ✓	Day of Year: 195 ✓	EA: 908160	
Operator: KEITH ALBERT FORSBERG ✓		Agency: CalTrans - District 05	
Receiver #: 4 ✓ P/N: 40406-46	Manufacturer: Trimble Model: 5700 Firmware Version: v 2.01	S/N: 0220247368	
Controller #: A ✓ P/N: 45185-10	Manufacturer: Trimble Model: TSCe Firmware Version: Survey Controller v 10.72	S/N: 00031569 ✓	
Antenna #: 4 ✓ P/N: 41249-00	Manufacturer: Trimble Model: Zephyr Geodetic DC: 4126 ✓	S/N: 12200360	

OBSERVATION TECHNIQUE

Static ☒

Session #: 1 0	Station Name: CA 05 LL ✓	PID: FV2069 ✓
4 Character ID: 05LL ✓	File Name(s): 05LL1950	CAPS
File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled		
Start Time (Local) 9:00 ✓	Start Time (UTC) 1600 ✓	End Time (Local) 2:00 ✓ End Time (UTC) 2100 ✓
Actual		
Start Time (Local) 8:35 ✓	Start Time (UTC) 1535 ✓	End Time (Local) 2:00 ✓ End Time (UTC) 2100 ✓

ANTENNA INFORMATION

Fixed Height Tripod ☒	Collapsible Leg Tripod ☐	Other ☐ Describe _____
Tripod #: 4	Tripod Manufacturer:	Tripod Color: GREEN
Adjustment - Verified ☒	Adjusted ☐ (Initials): K.A.F.	

ANTENNA HEIGHT	Before Session Begins		After Session ends	
	Meters	Feet	Meters	Feet
A = Datum point to Top of Tripod or Height Hook reading	2.00			
B = Additional offset to ARP if any (Quick Release/ HH constant)	0.00			
H = Antenna Height = A+B = Datum Point to Antenna Reference Point (ARP) Note: ARP is Bottom of Antenna Mount	2.00			

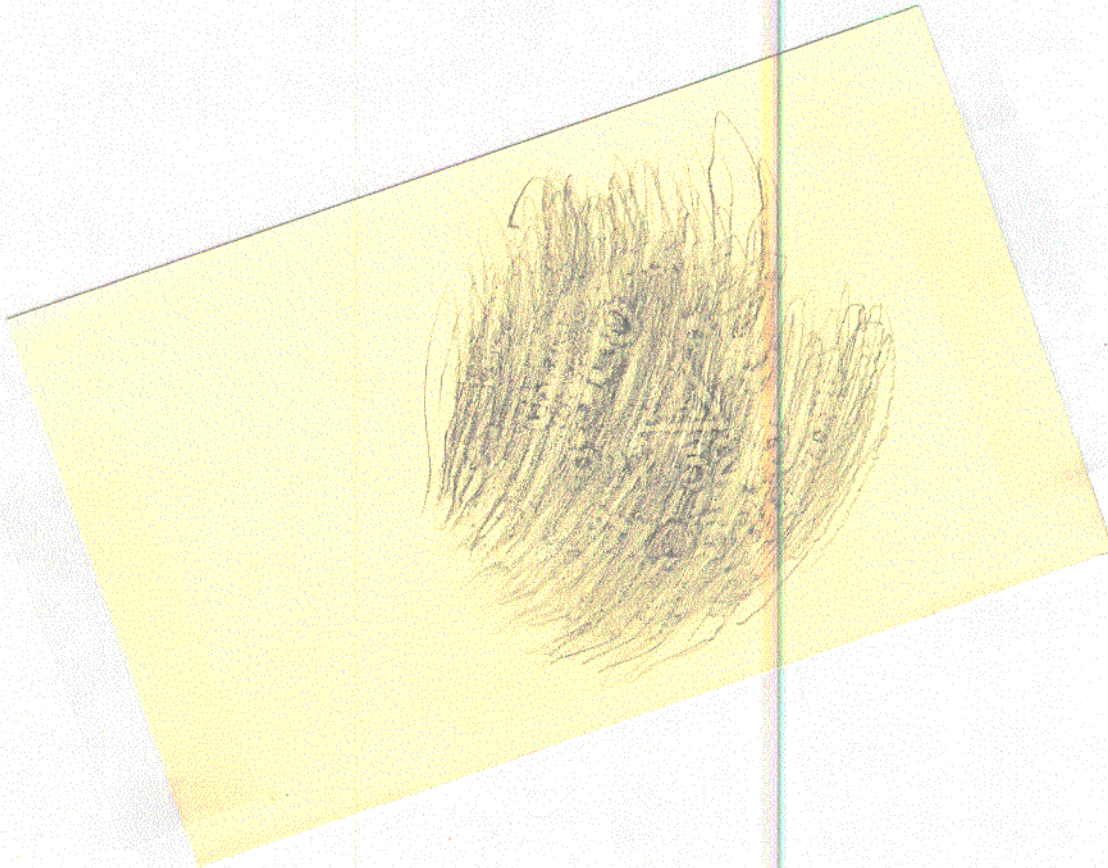
Antenna plumb before session? (Y/N) (Y)	Antenna plumb after session? (Y/N) (Y)	Antenna cable length 10 m
Vehicle is parked 40 meters	N, EAST (direction) from antenna and (Above/Below)	
Pencil rubbing ☒ or sketch ☐ attached ☒ (Y/N) If no explain _____		

PHOTOGRAPH LOG

Frame # or File name	Description
	At 13:00 DATA COLLECTOR SHOWS 1h 51m of
	COLLECTED DATA: IT SHOULD HAVE READ 4h 25m

Remarks, Weather, Comments on Problems, Sketches, etc.
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Log Checked By: R.B.M.	Date: 8-10-2004
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7-13-2004

05LL

195 Session 

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092
Observation Date: JULY 13 2004 ✓	Day of Year: 195 ✓	EA: 908160	
Operator: RICHARD QUINLEY ✓		Agency: CalTrans - District 05	
Receiver #: 5 ✓ P/N: 40406-46	Manufacturer: Trimble	Model: 5700 Firmware Version: v 2.01	S/N: 6220310075 ✓
Controller #: 5 ✓ P/N: 45185-10 ✓	Manufacturer: Trimble	Model: TSCe Firmware Version: Survey Controller v 10.72	S/N: 00028887 ✓
Antenna #: 5 ✓ P/N: 41249-00	Manufacturer: Trimble DC: 4315	Model: Zephyr Geodetic	S/N: 12422830 ✓

OBSERVATION TECHNIQUE

Static ☒

Session #: # 0	Station Name: HOG ✓	PID: GU3516 ✓
4 Character ID: HOGG ✓ File Name(s): HOGG1950 File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled Start Time (Local) 0900 ✓ Start Time (UTC) 1600 ✓ End Time (Local) 1400 ✓ End Time (UTC) 2100 ✓		
Actual Start Time (Local) 0847 ✓ Start Time (UTC) 1547 ✓ End Time (Local) 1402 ✓ End Time (UTC) 2102 ✓		

ANTENNA INFORMATION

Fixed Height Tripod ☒	Collapsible Leg Tripod ☐	Other ☐ Describe _____
Tripod #: 5	Tripod Manufacturer: SECO	Tripod Color: YELLOW
Adjustment - Verified ☐ Adjusted ☐ (Initials): _____		

ANTENNA HEIGHT	Before Session Begins		After Session ends	
	Meters	Feet	Meters	Feet
A = Datum point to Top of Tripod or Height Hook reading	1.800	59055	1.800	59055
B = Additional offset to ARP if any (Quick Release/ HH constant)	0	0	0	59055
H = Antenna Height = A+B = Datum Point to Antenna Reference Point (ARP) Note: ARP is Bottom of Antenna Mount	1.800	59055	1.800	59055

Antenna plumb before session? (Y/N) Y	Antenna plumb after session? (Y/N) Y	Antenna cable length 10M
Vehicle is parked 15 meters	N24 (direction) from antenna and (Above/Below)	
Pencil rubbing ☒ or sketch ☐ attached (Y/N) Y If no explain _____		

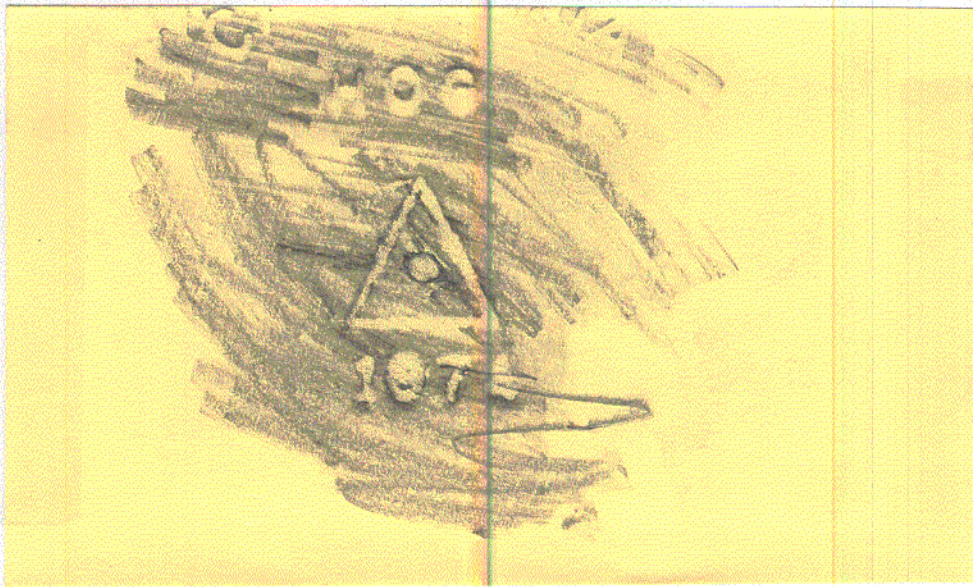
PHOTOGRAPH LOG

Frame # or File name	Description

Remarks, Weather, Comments on Problems, Sketches, etc.

Log Checked By: R.B.M.

Date: 8-10-2004



7-13-2004

HOGG

195 Session 8

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092
Observation Date: 7-13-04 ✓	Day of Year: 195 ✓	EA: 908160
Operator: J. BLAES ✓		Agency: CalTrans – District 05
Receiver #: 7 ✓ P/N: 40406-46	Manufacturer: Trimble Model: 5700 Firmware Version: v 2.01	S/N: 00 0220298188 ✓
Controller #: 7 ✓ P/N: 45185-10 ✓	Manufacturer: Trimble Model: TSCe Firmware Version: Survey Controller v 10.72	S/N: 00028951 ✓
Antenna #: 7 ✓ P/N: 41249-00 ✓	Manufacturer: Trimble Model: Zephyr Geodetic DC: 4313 ✓	S/N: 12425996 ✓

OBSERVATION TECHNIQUE Static ☒

Session #: 5 0	Station Name: HPGN CA 0509 ✓	PID: FV 2052 ✓
4 Character ID: 0509 ✓ Edit File Name(s): 0509 195 50 CAPS		
File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		

Scheduled			
Start Time (Local) 9:00 AM ✓	Start Time (UTC) 1600 ✓	End Time (Local) 2:00 PM ✓	End Time (UTC) 2100 ✓
Actual			
Start Time (Local) 8:54 AM ✓	Start Time (UTC) 1554 ✓	End Time (Local) 2:00 PM ✓	End Time (UTC) 2100 ✓

ANTENNA INFORMATION

Fixed Height Tripod ☒	Collapsible Leg Tripod ☐	Other ☐ Describe <u>SECO</u>
Tripod #: 7	Tripod Manufacturer:	Tripod Color: <u>YELLOW</u>
Adjustment - Verified ☒	Adjusted ☐ (Initials): <u>AB</u>	

ANTENNA HEIGHT	Before Session Begins		After Session ends	
	Meters	Feet	Meters	Feet
A = Datum point to Top of Tripod or Height Hook reading	1.800	5.91	1.800	5.91
B = Additional offset to ARP if any (Quick Release/ HH constant)	0	0	0	0
H = Antenna Height = A+B = Datum Point to Antenna Reference Point (ARP) Note: ARP is Bottom of Antenna Mount	1.800	5.91	1.800	5.91

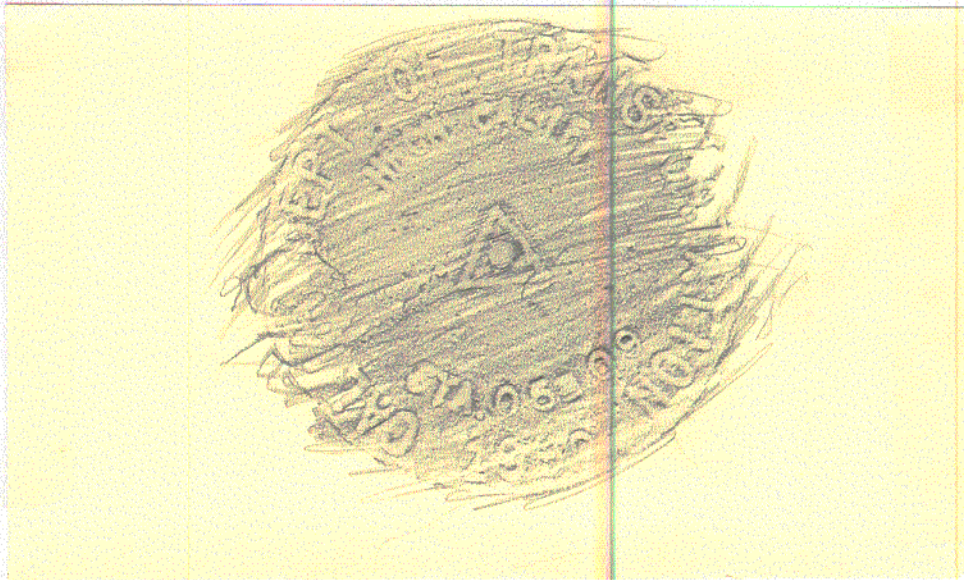
Antenna plumb before session? ☒ (Y/N)	Antenna plumb after session? ☒ (Y/N)	Antenna cable length <u>10M</u>
Vehicle is parked <u>12</u> meters <u>W'LY</u> (direction) from antenna and (Above/Below)		
Pencil rubbing ☒ or sketch ☐ attached ☒ (Y/N) If no explain		

PHOTOGRAPH LOG

Frame # or File name	Description

Remarks, Weather, Comments on Problems, Sketches, etc.
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Log Checked By: <u>R.B.M.</u>	Date: <u>8-10-2004</u>
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7-13-2004

0509

195 Session Q

JD 196

Session 0

10:55 - 19:09

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092	
Observation Date: 7-14-2004 ✓		Day of Year: 196 ✓		EA: 908160
Operator: R.E. Brown R.B. MacKenzie III ✓			Agency: CalTrans - District 05	
Receiver #: 1 ✓	Manufacturer: Trimble	Model: 5700	S/N: 0440100990 ✓	
P/N: 40406-46	Firmware Version: v 2.01			
Controller #: 11 ✓	Manufacturer: Trimble	Model: TSCe	S/N: 00031634 ✓	
P/N: 45185-10 ✓	Firmware Version: Survey Controller v 10.72			
Antenna #: 1 ✓	Manufacturer: Trimble	Model: Zephyr Geodetic	S/N: 12200511 ✓	
P/N: 41249-00	DC: 4126 ✓			

OBSERVATION TECHNIQUE

Static ☒

Session #: 0 ✓	Station Name: HPGN D CA 05 HK ✓	PID: FV2065 ✓
4 Character ID: 05HK ✓ File Name(s): 05HK1960 ✓		
File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		

Scheduled			
Start Time (Local) 12:00 ✓	Start Time (UTC) 19:00 ✓	End Time (Local) 17:00 ✓	End Time (UTC) 24:00 ✓
Actual			
Start Time (Local) 10:55 ✓	Start Time (UTC) 17:55 ✓	End Time (Local) 19:08 ✓	End Time (UTC) 02:08 ✓

ANTENNA INFORMATION

Fixed Height Tripod ☒	Collapsible Leg Tripod ☐	Other ☐ Describe _____
Tripod #: 1	Tripod Manufacturer: SECO	Tripod Color: Green
Adjustment - Verified ☒ Adjusted ☐ (Initials): R.B.M.		

ANTENNA HEIGHT	Before Session Begins		After Session ends	
	Meters	Feet	Meters	Feet
A = Datum point to Top of Tripod or Height Hook reading	2000			
B = Additional offset to ARP if any (Quick Release/ HH constant)	0			
H = Antenna Height = A+B = Datum Point to Antenna Reference Point (ARP) Note: ARP is Bottom of Antenna Mount	2000			

Antenna plumb before session? (Y/N) (Y) ✓	Antenna plumb after session? (Y/N) (Y) ✓	Antenna cable length 10 mt.
Vehicle is parked N/A meters	(direction) from antenna and (Above/Below)	
Pencil rubbing ☐ or sketch ☐ attached (Y/N) (Y) ✓	If no explain Photos Taken	

PHOTOGRAPH LOG

Frame # or File name	Description
1,2,3	Close-up of monument
4,5	Overall of set-up looking N'y

Remarks, Weather, Comments on Problems, Sketches, etc.

Clear, warm, calm

Log Checked By: R.B.M.

Date: 8-10-2004



GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405 - 0092
Observation Date: 7-14-04 ✓ weo	Day of Year: 196 ✓	EA: 908160
Operator: J. WALSH ✓		Agency: CalTrans - District 05
Receiver #: 2 ✓ P/N: 40406-46	Manufacturer: Trimble Model: 5700 Firmware Version: v 2.01	S/N: 0440100986 ✓
Controller #: A ✓ P/N: 45185-10 ✓	Manufacturer: Trimble Model: TSCe Firmware Version: Survey Controller v 10.72	S/N: 00026155 ✓
Antenna #: 2 ✓ P/N: 41249-00	Manufacturer: Trimble Model: Zephyr Geodetic DC: 4126 ✓	S/N: 11884506 ✓

OBSERVATION TECHNIQUE

Static ☒

Session #: 0 ✓	Station Name: HIWAY E ✓	PID: FV1002 ✓
4 Character ID: HIWA ✓ File Name(s): HIWA1960 ✓		
File Name Format = aaaadds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		

Scheduled			
Start Time (Local) 12:00 ✓	Start Time (UTC) 19:00 ✓	End Time (Local) 5:00 ✓	End Time (UTC) 2400 ✓
Actual			
Start Time (Local) 11:55 ✓	Start Time (UTC) 18:55 ✓	End Time (Local) 5:03 ✓	End Time (UTC) 2403 ✓

ANTENNA INFORMATION

Fixed Height Tripod ☒	Collapsible Leg Tripod ☐	Other ☐ Describe _____
Tripod #: 2	Tripod Manufacturer: seco	Tripod Color: green
Adjustment - Verified ☒	Adjusted ☐ (Initials): JFW	

ANTENNA HEIGHT	Before Session Begins		After Session ends	
	Meters	Feet	Meters	Feet
A = Datum point to Top of Tripod or Height Hook reading	2.000			
B = Additional offset to ARP if any (Quick Release/ HH constant)	0.00			
H = Antenna Height = A+B = Datum Point to Antenna Reference Point (ARP) Note: ARP is Bottom of Antenna Mount	2.000			

Antenna plumb before session? (Y/N) (Y)	Antenna plumb after session? (Y/N) (Y)	Antenna cable length 10 m
Vehicle is parked 33 meters	N/E (direction) from antenna and (Above/Below)	
Pencil rubbing ☐ or sketch ☐ attached (Y/N) (Y)	If no explain D16 photo taken	

PHOTOGRAPH LOG

Frame # or File name	Description
1 2 3	site looking S/E w/ly N/E
4 5	close-ups of monument

Remarks, Weather, Comments on Problems, Sketches, etc.			
warm, clear, calm - afternoon - windy !!! getting more windy all day long.			
11:55	3.0	302	2.1
12:32	2.1	3:40	1.8
12:58	2.2	4:14	3.4
2:10	2.1		

Log Checked By: R.B.M.	Date: 8-10-2004
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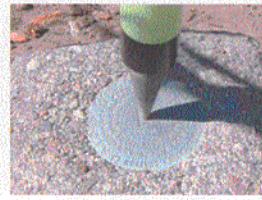
jd196 001.jpg



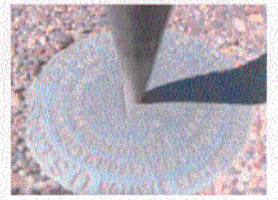
jd196 002.jpg



jd196 003.jpg



jd196 004.jpg



jd196 005.jpg

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092
Observation Date: 7-14-2004 ✓	Day of Year: 196 ✓	EA: 908160
Operator: R.B. MacKenzie ✓		Agency: CalTrans - District 05
Receiver #: 3 ✓ P/N: 40406-46	Manufacturer: Trimble Model: 5700 Firmware Version: v 2.01	S/N: 0440100467 ✓
Controller #: 13 ✓ P/N: 45185-10 ✓	Manufacturer: Trimble Model: TSCe Firmware Version: Survey Controller v 10.72	S/N: 00031555 ✓
Antenna #: 3 ✓ P/N: 41249-00	Manufacturer: Trimble Model: Zephyr Geodetic DC: 4124 ✓	S/N: 12234994 ✓

OBSERVATION TECHNIQUE

Static ☒

Session #: 0 ✓	Station Name: HPGN CA 05 07 ✓	PID: FV 2050 ✓
4 Character ID: 0507 ✓ File Name(s): 05071960 ✓		
File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled		
Start Time (Local) 12:00 ✓	Start Time (UTC) 19:00 ✓	End Time (Local) 17:00 ✓ End Time (UTC) 24:00 ✓
Actual		
Start Time (Local) 11:45 ✓	Start Time (UTC) 18:45 ✓	End Time (Local) 17:00 ✓ End Time (UTC) 24:00 ✓

ANTENNA INFORMATION

Fixed Height Tripod ☒	Collapsible Leg Tripod ☐	Other ☐ Describe _____
Tripod #: 3	Tripod Manufacturer: SECO	Tripod Color: Green
Adjustment - Verified ☐	Adjusted ☒ (Initials): R.B.M.	

ANTENNA HEIGHT	Before Session Begins		After Session ends	
	Meters	Feet	Meters	Feet
A = Datum point to Top of Tripod or Height Hook reading	2.000			
B = Additional offset to ARP if any (Quick Release/ HH constant)	0			
H = Antenna Height = A+B = Datum Point to Antenna Reference Point (ARP) Note: ARP is Bottom of Antenna Mount	2.000			

Antenna plumb before session? (Y/N) (Y) ✓	Antenna plumb after session? (Y/N) (Y) ✓	Antenna cable length 10 mt.
Vehicle is parked 33 ± meters	SE ly (direction) from antenna and (Above/Below)	
Pencil rubbing ☐ or sketch ☐ attached (Y/N) (Y) ✓	If no explain Photos Taken	

PHOTOGRAPH LOG

Frame # or File name	Description
6,7,8	Close-up of monument
9,10,11	Overall shot of set-up looking N'ly

Remarks, Weather, Comments on Problems, Sketches, etc. Clear, warm, calm	PPOP Spike beginning between 14:00/14:15 Spike ends @ 14:30± "Receiver not responding" message displayed 14:30± - apparent power failure - switched external battery - no break in data indicated @ controller, but "suspect" this as no lights showed on receiver prior to switch.
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Log Checked By: R.B.M.

Date: 8-10-2004



GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092
Observation Date: 7-14-04 ✓	Day of Year: 196 ✓	EA: 908160	
Operator: KEITH ALBERT FORSBERG ✓		Agency: CalTrans - District 05	
Receiver #: 4 ✓	Manufacturer: Trimble	Model: 5700	S/N: 0220247368
P/N: 40406-46		Firmware Version: v 2.01	
Controller #: 40 ✓	Manufacturer: Trimble	Model: TSCe	S/N: 000315689 ✓
P/N: 45185-10		Firmware Version: Survey Controller v 10.72	
Antenna #: 4 ✓	Manufacturer: Trimble	Model: Zephyr Geodetic	S/N: 12200380
P/N: 41249-00	DC: 4126 ✓		5

OBSERVATION TECHNIQUE

Static ☒

Session #: 0 ✓	Station Name: CA 05 LL ✓	PID: FV 2069 ✓
4 Character ID: 05LL ✓ ^{Edit} File Name(s): 05LL1960 ✓ ^{CAPS}		
File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled		
Start Time (Local) 12:00 ✓	Start Time (UTC) 1900 ✓	End Time (Local) 5:00 ✓ End Time (UTC) 2400 ✓
Actual		
Start Time (Local) 11:40 ✓	Start Time (UTC) 1840 ✓	End Time (Local) 5:00 ✓ End Time (UTC) 2400 ✓

ANTENNA INFORMATION

Fixed Height Tripod ☒	Collapsible Leg Tripod ☐	Other ☐ Describe _____
Tripod #: 4	Tripod Manufacturer:	Tripod Color: GREEN
Adjustment - Verified ☒	Adjusted ☐ (Initials): KAF	

ANTENNA HEIGHT	Before Session Begins		After Session ends	
	Meters	Feet	Meters	Feet
A = Datum point to Top of Tripod or Height Hook reading	2.00			
B = Additional offset to ARP if any (Quick Release/ HH constant)	0.00			
H = Antenna Height = A+B = Datum Point to Antenna Reference Point (ARP) Note: ARP is Bottom of Antenna Mount	2.00			

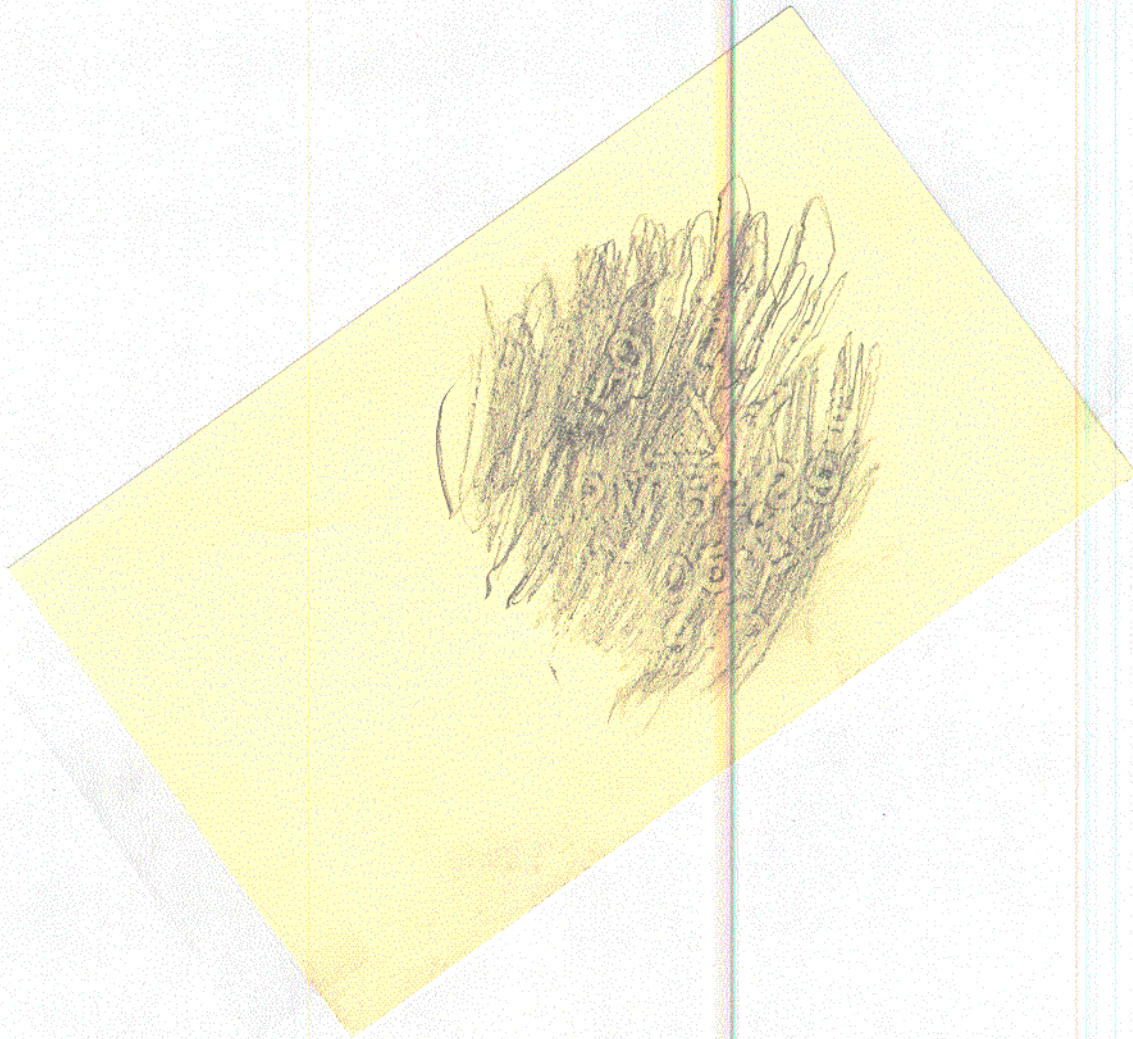
Antenna plumb before session? (Y/N) (Y)	Antenna plumb after session? (Y/N) (Y)	Antenna cable length 10 m
Vehicle is parked 40 meters	EAST (direction) from antenna and (Above/Below)	
Pencil rubbing ☒ or sketch ☐ attached (Y/N) (Y)	If no explain _____	

PHOTOGRAPH LOG

Frame # or File name	Description
	001

Remarks, Weather, Comments on Problems, Sketches, etc. HOT, CLEAR, LIGHT BREEZE SAND BAGS ON ALL 3 FEET

Log Checked By: R.B.M.	Date: 8-10-2004
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7-14-2004

05 LL

196 Session Q

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092
Observation Date: JULY 14 2004	Day of Year: 196		EA: 908160
Operator: RICHARD QUINLEY		Agency: CalTrans - District 05	
Receiver #: 5 P/N: 40406-46	Manufacturer: Trimble	Model: 5700 Firmware Version: v 2.01	S/N: 0220310075 ✓
Controller #: 5 P/N: 45185-10	Manufacturer: Trimble	Model: TSCe Firmware Version: Survey Controller v 10.72	S/N: 00028887 ✓
Antenna #: 5 P/N: 41249-00	Manufacturer: Trimble DC: 4315	Model: Zephyr Geodetic	S/N: 12422830 ✓

OBSERVATION TECHNIQUE

Static ☒

Session #: 0 ✓	Station Name: HOG ✓	PID: 603516 ✓
4 Character ID: HOGG ✓ File Name(s): HOGG1960 ✓ File Name Format = aaaaddd.s.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled Start Time (Local) 1200 ✓ Start Time (UTC) 1900 ✓ End Time (Local) 500 ✓ End Time (UTC) 2400 ✓		
Actual Start Time (Local) 1155 ✓ Start Time (UTC) 1855 ✓ End Time (Local) 505 ✓ End Time (UTC) 2405 ✓		

ANTENNA INFORMATION

Fixed Height Tripod ☒	Collapsible Leg Tripod ☐	Other ☐ Describe _____
Tripod #: 5	Tripod Manufacturer: SECO	Tripod Color: YELLOW
Adjustment - Verified ☐ Adjusted ☐ (Initials): _____		

ANTENNA HEIGHT	Before Session Begins		After Session ends	
	Meters	Feet	Meters	Feet
A = Datum point to Top of Tripod or Height Hook reading	1.800	5.9055	1.800	5.9055
B = Additional offset to ARP if any (Quick Release/ HH constant)	0	0	0	0
H = Antenna Height = A+B = Datum Point to Antenna Reference Point (ARP) Note: ARP is Bottom of Antenna Mount	1.800	5.9055	1.800	5.9055

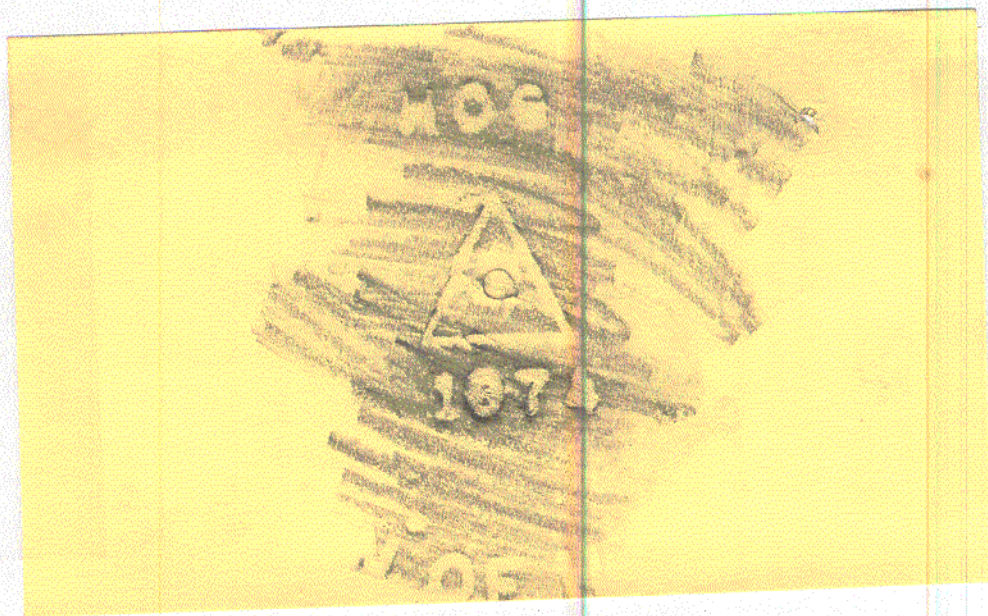
Antenna plumb before session? (Y/N) (Y)	Antenna plumb after session? (Y/N) (Y)	Antenna cable length 10M
Vehicle is parked 25 meters	NWLY (direction) from antenna and (Above/Below)	
Pencil rubbing ☒ or sketch ☐ attached (Y/N) (Y) If no explain _____		

PHOTOGRAPH LOG

Frame # or File name	Description

Remarks, Weather, Comments on Problems, Sketches, etc.

Log Checked By: R.B.M.	Date: 8-10-2004
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7-14-2004

HOGG

196 Session Q

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: <u>0405-0092</u>
Observation Date: <u>7-14-2004</u> ✓	Day of Year: <u>196</u> ✓	EA: 908160
Operator: <u>STILINOVICH, GUY</u> ✓		Agency: CalTrans - District 05
Receiver #: <u>8</u> ✓	Manufacturer: Trimble	Model: 5700
P/N: 40406-46		Firmware Version: v 2.01
Controller #: <u>6</u> ✓	Manufacturer: Trimble	Model: TSCe
P/N: 45185-10 ✓		Firmware Version: Survey Controller v 10.72
Antenna #: <u>6</u> ✓	Manufacturer: Trimble	Model: Zephyr Geodetic
P/N: 41249-00	DC: <u>4315</u> ✓	S/N: . 12422923 ✓

OBSERVATION TECHNIQUE

Static ☒

Session #: <u>0</u> ✓	Station Name: <u>York</u> ✓	PID: <u>N/A</u> Edit
4 Character ID: <u>YORK</u> ✓ File Name(s): <u>YORK 1960</u> ✓		
File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled		
Start Time (Local) <u>12:00</u> ✓	Start Time (UTC) <u>19:00</u> ✓	End Time (Local) <u>17:00</u> ✓
		End Time (UTC) <u>24:00</u> ✓
Actual <u>RESTART 4:41</u> ✓	16:41 <u>2341</u>	4:41 <u>1700</u>
Start Time (Local) <u>11:52</u> ✓	Start Time (UTC) <u>18:52</u> ✓	End Time (Local) <u>4:41</u> <u>16:41</u> ✓
		End Time (UTC) <u>23:41</u> ✓

ANTENNA INFORMATION

Fixed Height Tripod ☒	Collapsible Leg Tripod ☐	Other ☐ Describe _____
Tripod #:	Tripod Manufacturer: <u>SECO</u>	Tripod Color: <u>Green</u>
Adjustment - Verified ☐	Adjusted ☒ (Initials): <u>gus</u>	

ANTENNA HEIGHT	Before Session Begins		After Session ends	
	Meters	Feet	Meters	Feet
A = Datum point to Top of Tripod or Height Hook reading	<u>2.000</u>	—	<u>2.000</u>	—
B = Additional offset to ARP if any (Quick Release/ HH constant)	<u>0</u>	—	<u>0</u>	—
H = Antenna Height = A+B = Datum Point to Antenna Reference Point (ARP) Note: ARP is Bottom of Antenna Mount	<u>2.000</u>	—	<u>2.000</u>	—

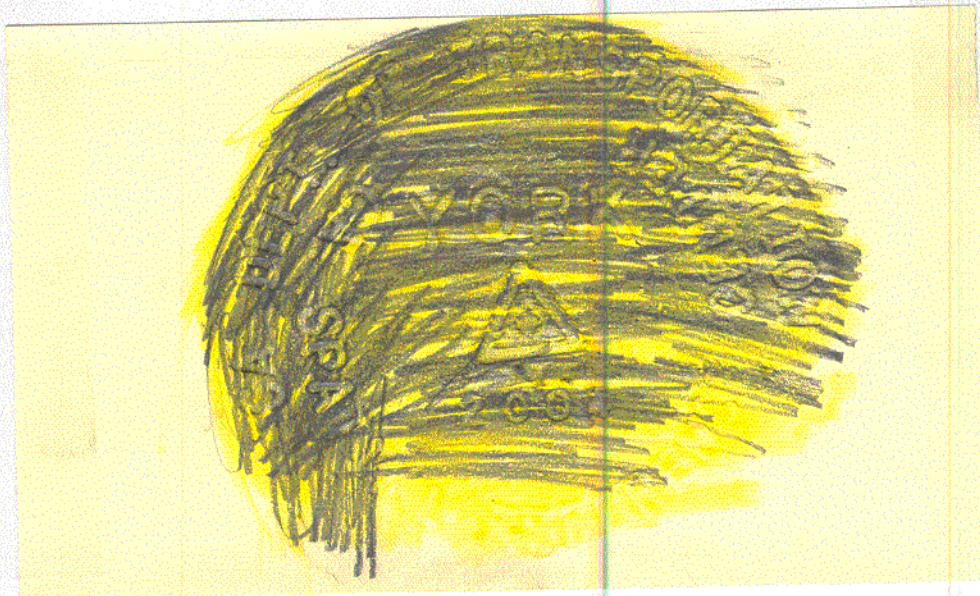
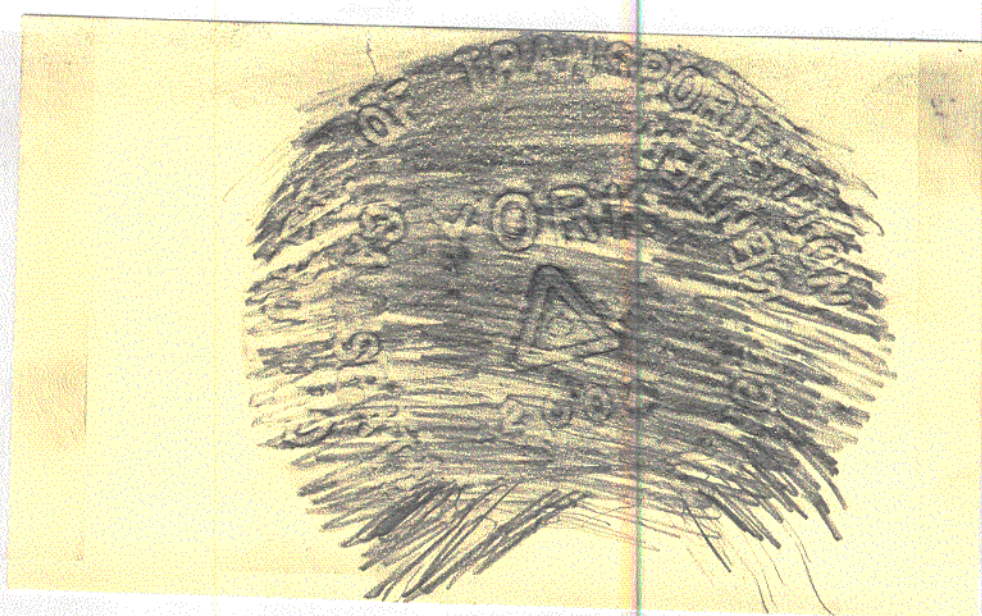
Antenna plumb before session? (Y/N)	Antenna plumb after session? (Y/N)	Antenna cable length <u>10 m.</u>
Vehicle is parked <u>35</u> meters	<u>E 120°</u> (direction) from antenna and (<u>Above</u> /Below)	
Pencil rubbing ☒ or sketch ☒ attached ☒ (Y/N) If no explain _____		

PHOTOGRAPH LOG

Frame # or File name	Description

Remarks, Weather, Comments on Problems, Sketches, etc. <u>NOTE: @ 4:41 PM</u> <u>STORED PT. BY</u> <u>MISTAKE STARTED</u> <u>UP AGAIN RIGHT AWAY</u>
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Log Checked By: <u>R.B.M.</u>	Date: <u>8-10-2004</u>
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7-14-2004

YORK

196 Session Q

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092
Observation Date: 7-14-04 ✓	Day of Year: 196 ✓	EA: 908160
Operator: J. BLAES ✓		Agency: CalTrans - District 05
Receiver #: 7 ✓ P/N: 40406-46	Manufacturer: Trimble Model: 5700 Firmware Version: v 2.01	S/N: 0220298188 ✓
Controller #: 7 ✓ P/N: 45185-10 ✓	Manufacturer: Trimble Model: TSCe Firmware Version: Survey Controller v 10.72	S/N: 00028951 ✓
Antenna #: 7 ✓ P/N: 41249-00	Manufacturer: Trimble Model: Zephyr Geodetic DC: 4313 ✓	S/N: 12425996 ✓

OBSERVATION TECHNIQUE

Static ☒

Session #: 0 ✓	Station Name: HPGN CA 0509 ✓	PID: FV2052 ✓
4 Character ID: 0509 ✓ ^{edit} File Name(s): 0509 1960 ✓ ^{CAPS}		
File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		

Scheduled			
Start Time (Local) 12:00 PM ✓	Start Time (UTC) 1900 ✓	End Time (Local) 5:00 PM ✓	End Time (UTC) 2400 ✓
Actual			
Start Time (Local) 11:31 PM ✓	Start Time (UTC) 1831 ✓	End Time (Local) 5:00 PM ✓	End Time (UTC) 2400 ✓

ANTENNA INFORMATION

Fixed Height Tripod ☒	Collapsible Leg Tripod ☐	Other ☐ Describe SECO
Tripod #: 7 ✓	Tripod Manufacturer:	Tripod Color: YELLOW
Adjustment - Verified ☒	Adjusted ☐ (Initials): AB	

ANTENNA HEIGHT	Before Session Begins		After Session ends	
	Meters	Feet	Meters	Feet
A = Datum point to Top of Tripod or Height Hook reading	1.800	5.91	1.800	5.91
B = Additional offset to ARP if any (Quick Release/ HH constant)	0	0	0	0
H = Antenna Height = A+B = Datum Point to Antenna Reference Point (ARP) Note: ARP is Bottom of Antenna Mount	1.800	5.91	1.800	5.91

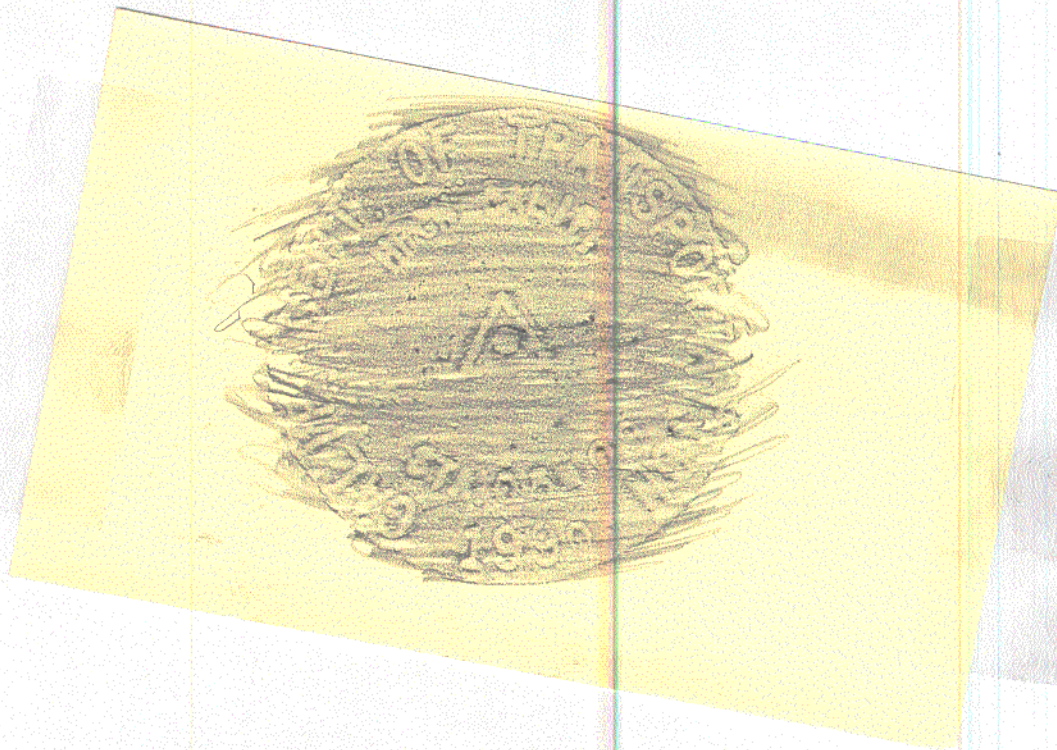
Antenna plumb before session? (Y/N) (Y) ✓	Antenna plumb after session? (Y/N) (Y) ✓	Antenna cable length 10 M
Vehicle is parked 1 meters	5' 24" (direction) from antenna and (Above/Below)	
Pencil rubbing ☒ or sketch ☐ attached (Y/N) (Y) ✓	If no explain	

PHOTOGRAPH LOG

Frame # or File name	Description

Remarks, Weather, Comments on Problems, Sketches, etc.
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Log Checked By: R.B.M.	Date: 8-10-2004
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7-14-2004

0509

196 Session Q



Protect
the skin
you're in!

J.D.

197

(7-15-2004)

Session

0

07:31 - 16:20



Wear a hat!



Cover up!



Wear
UV-protective
sunglasses!



Seek shade!



Put
on
sunscreen!

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092	
Observation Date: 7-15-2004 ✓		Day of Year: 197 ✓		EA: 908160
Operator: R.E. Brown R.B. Mackenzie III ✓			Agency: CalTrans - District 05	
Receiver #: 1 ✓	Manufacturer: Trimble	Model: 5700	S/N: 0440100990 ✓	
P/N: 40406-46	Firmware Version: v 2.01			
Controller #: 11 ✓	Manufacturer: Trimble	Model: TSCe	S/N: 00031634 ✓	
P/N: 45185-10 ✓	Firmware Version: Survey Controller v 10.72			
Antenna #: 1 ✓	Manufacturer: Trimble	Model: Zephyr Geodetic	S/N: 12200511 ✓	
P/N: 41249-00	DC: 4126 ✓			

OBSERVATION TECHNIQUE

Static ☒

Session #: 0 ✓	Station Name: HPGN D CA 05 HK	PID: FV2065
4 Character ID: 05HK File Name(s): 05HK1970		
File Name Format = aaaaddss.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled		
Start Time (Local) 09:00 ✓	Start Time (UTC) 16:00 ✓	End Time (Local) 14:00 ✓ End Time (UTC) 21:00 ✓
Actual		
Start Time (Local) 07:31 ✓	Start Time (UTC) 14:31 ✓	End Time (Local) 16:20 ✓ End Time (UTC) 23:20 ✓

ANTENNA INFORMATION

Fixed Height Tripod ☒	Collapsible Leg Tripod ☐	Other ☐ Describe _____
Tripod #: 1	Tripod Manufacturer: SECO	Tripod Color: Green
Adjustment - Verified ☒	Adjusted ☐ (Initials): R.B.M.	

ANTENNA HEIGHT	Before Session Begins		After Session ends	
	Meters	Feet	Meters	Feet
A = Datum point to Top of Tripod or Height Hook reading	2.000			
B = Additional offset to ARP if any (Quick Release/ HH constant)	0			
H = Antenna Height = A+B = Datum Point to Antenna Reference Point (ARP) Note: ARP is Bottom of Antenna Mount	2.000			

Antenna plumb before session? ☒ Y ☐ N Antenna plumb after session? ☒ Y ☐ N Antenna cable length **10 mt.**

Vehicle is parked **N/A** meters _____ (direction) from antenna and (Above/Below)

Pencil rubbing ☐ or sketch ☐ attached ☒ Y ☐ N If no explain **Photos taken**

PHOTOGRAPH LOG

Frame # or File name	Description
	No Photos Taken

Remarks, Weather, Comments on Problems, Sketches, etc.

Log Checked By: **R.B.M.**

Date: **8-10-2004**

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation				SR#: 0405-0092	
Observation Date: 7-15-04 ✓ Thurs		Day of Year: 197 ✓		EA: 908160	
Operator: J. WALSH ✓			Agency: CalTrans - District 05		
Receiver #: 2 ✓		Manufacturer: Trimble		Model: 5700	
P/N: 40406-46				S/N: 0440100 986 ✓	
Controller #: A ✓		Manufacturer: Trimble		Model: TSCe	
P/N: 45185-10 ✓				S/N: 00026155 ✓	
Antenna #: 2 ✓		Manufacturer: Trimble		Model: Zephyr Geodetic	
P/N: 41249-00		DC: 4126 ✓		S/N: 11884506 ✓	

OBSERVATION TECHNIQUE

Static ☒

Session #: 0 ✓	Station Name: HIWAY ✓	PID: FV1002 ✓
4 Character ID: HIWA ✓ File Name(s): HIWA1970 ✓		
File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		

Scheduled			
Start Time (Local) 9:00 ✓	Start Time (UTC) 1600 ✓	End Time (Local) 2:00 ✓	End Time (UTC) 2100 ✓
Actual			
Start Time (Local) 8:57 ✓	Start Time (UTC) 1557 ✓	End Time (Local) 2:02 ✓	End Time (UTC) 2102 ✓

ANTENNA INFORMATION

Fixed Height Tripod ☒	Collapsible Leg Tripod ☐	Other ☐ Describe
Tripod #: 2	Tripod Manufacturer: seco	Tripod Color: green
Adjustment - Verified ☒	Adjusted ☐ (Initials): Agn	

ANTENNA HEIGHT	Before Session Begins		After Session ends	
	Meters	Feet	Meters	Feet
A = Datum point to Top of Tripod or Height Hook reading	2.000			
B = Additional offset to ARP if any (Quick Release/ HH constant)	0.00			
H = Antenna Height = A+B = Datum Point to Antenna Reference Point (ARP) Note: ARP is Bottom of Antenna Mount	2.000			

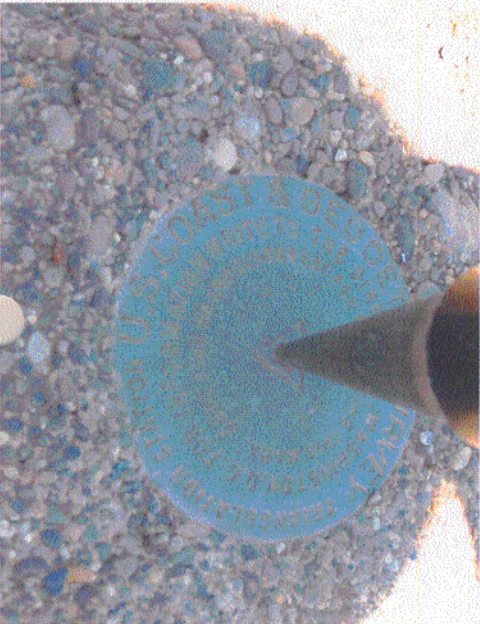
Antenna plumb before session? (Y/N) ☒ Y	Antenna plumb after session? (Y/N) ☒ Y	Antenna cable length 10m
Vehicle is parked 40 meters	45° SLY (direction) from antenna and (Above/below)	
Pencil rubbing ☐ or sketch ☐ attached (Y/N) ☒ Y	If no explain 716 photo's taken	

PHOTOGRAPH LOG

Frame # or File name	Description
1 2 3	site looking SLY WLY NLY
5 6	man close-up

Remarks, Weather, Comments on Problems, Sketches, etc.	
8:57 1.7 1.41 2.4 9:30 2.1 11:39 3.3 12:19 2.0 12:57 2.2 1:20 3.8	clear cool breezy

Log Checked By: R.B.M.	Date: 8-10-2004
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GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092
Observation Date: 7-15-2004 ✓	Day of Year: 197 ✓	EA: 908160
Operator: R.B. MacKenzie III ✓		Agency: CalTrans - District 05
Receiver #: 43 ✓ P/N: 40406-46	Manufacturer: Trimble Model: 5700 Firmware Version: v 2.01	S/N: 0440 100 467 ✓
Controller #: 13 ✓ P/N: 45185-10 ✓	Manufacturer: Trimble Model: TSCe Firmware Version: Survey Controller v 10.72	S/N: 00031555 ✓
Antenna #: 3 ✓ P/N: 41249-00	Manufacturer: Trimble Model: Zephyr Geodetic DC: 4124 ✓	S/N: 12234994 ✓

OBSERVATION TECHNIQUE

Static ☒

Session #: 0 ✓	Station Name: HPGN CA 05 07 ✓	PID: FV 2050 ✓
4 Character ID: 0507 ✓ File Name(s): 05071970 ✓ File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled Start Time (Local) 09:00 ✓ Start Time (UTC) 16:00 ✓ End Time (Local) 14:00 ✓ End Time (UTC) 21:00 ✓		
Actual Start Time (Local) 08:40 ✓ Start Time (UTC) 15:40 ✓ End Time (Local) 14:00 ✓ End Time (UTC) 21:00 ✓		

ANTENNA INFORMATION

Fixed Height Tripod ☒	Collapsible Leg Tripod ☐	Other ☐ Describe _____
Tripod #: 3	Tripod Manufacturer: SECU	Tripod Color: Green
Adjustment - Verified ☐	Adjusted ☒ (Initials): R.B.M.	

ANTENNA HEIGHT	Before Session Begins		After Session ends	
	Meters	Feet	Meters	Feet
A = Datum point to Top of Tripod or Height Hook reading	2.000			
B = Additional offset to ARP if any (Quick Release/ HH constant)	Ø			
H = Antenna Height = A+B = Datum Point to Antenna Reference Point (ARP) Note: ARP is Bottom of Antenna Mount	2.000			

Antenna plumb before session? (Y/N) (Y) Antenna plumb after session? (Y/N) (Y) Antenna cable length 10 m.
Vehicle is parked 33 ± meters SE'ly (direction) from antenna and (Above/Below) (Below)
Pencil rubbing ☐ or sketch ☐ attached (Y/N) (Y) If no explain Photos Taken

PHOTOGRAPH LOG

Frame # or File name	Description
1,2	Close-up of monument
3	Overall shot of set-up looking N'ly

Remarks, Weather, Comments on Problems, Sketches, etc. Clear, warm, light breeze

Log Checked By: R.B.M.	Date: 8-10-2004
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GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092	
Observation Date: 7-15-04 ✓		Day of Year: 197 ✓		EA: 908160
Operator: KEITH ALBERT FORSBERG ✓			Agency: CalTrans - District 05	
Receiver #: 4 ✓	Manufacturer: Trimble	Model: 5700	S/N: 0220247368	
P/N: 40406-46		Firmware Version: v 2.01		
Controller #: 4 ✓	Manufacturer: Trimble	Model: TSCe	S/N: 00031569 ✓	
P/N: 45185-10		Firmware Version: Survey Controller v 10.72		
Antenna #: 4 ✓	Manufacturer: Trimble	Model: Zephyr Geodetic	S/N: 12200380	
P/N: 41249-00	DC: 4126 ✓			

OBSERVATION TECHNIQUE

Static ☒

Session #: 0 ✓	Station Name: CA 05 LL ✓	PID: FV2069 ✓
4 Character ID: 05LL ✓ ^{edit} File Name(s): 05LL1970 ✓ ^{CAPS}		
File Name Format = aaaaddd.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled		
Start Time (Local) 9:00 ✓	Start Time (UTC) 1600 ✓	End Time (Local) 2:00 ✓ End Time (UTC) 2100 ✓
Actual		
Start Time (Local) 8:19 ✓	Start Time (UTC) 15:19 ✓	End Time (Local) 2:00 ✓ End Time (UTC) 2100 ✓

ANTENNA INFORMATION

Fixed Height Tripod ☒	Collapsible Leg Tripod ☐	Other ☐ Describe _____
Tripod #: 4	Tripod Manufacturer:	Tripod Color: GREEN
Adjustment - Verified ☒	Adjusted ☐ (Initials): K.A.F.	

ANTENNA HEIGHT	Before Session Begins		After Session ends	
	Meters	Feet	Meters	Feet
A = Datum point to Top of Tripod or Height Hook reading	2.00		2.00	
B = Additional offset to ARP if any (Quick Release/ HH constant)	0.00		0.00	
H = Antenna Height = A+B = Datum Point to Antenna Reference Point (ARP) Note: ARP is Bottom of Antenna Mount	2.00		2.00	

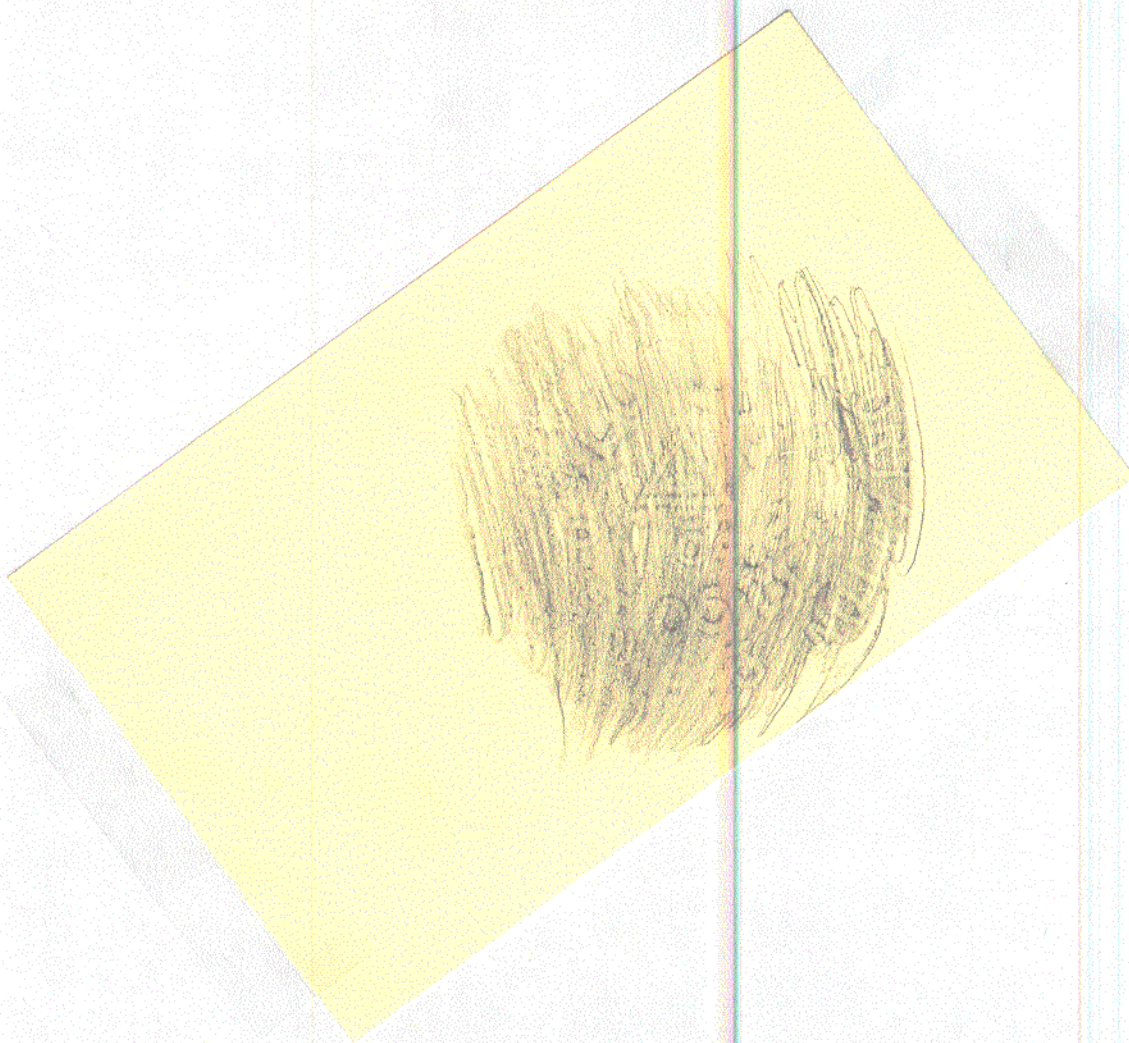
Antenna plumb before session? (Y/N) (Y)	Antenna plumb after session? (Y/N) (Y)	Antenna cable length 10 m
Vehicle is parked 40 meters	EAST (direction) from antenna and (Above/Below)	
Pencil rubbing ☒ or sketch ☐ attached (Y/N) (Y)	If no explain _____	

PHOTOGRAPH LOG

Frame # or File name	Description

Remarks, Weather, Comments on Problems, Sketches, etc. HOT, CLEAR, LIGHT BREEZE. SAND BAGS ON ALL 3 FEET.

Log Checked By: R.B.M.	Date: 8-10-2004
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7-15-2004

05LL

197 Session Q

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092
Observation Date: JULY 15 2004 ✓	Day of Year: 197 ✓	EA: 908160	
Operator: Rick Quinley		Agency: CalTrans - District 05	
Receiver #: 5 ✓ P/N: 40406-46	Manufacturer: Trimble	Model: 5700 Firmware Version: v 2.01	S/N: 0220310075 ✓
Controller #: 5 ✓ P/N: 45185-10 ✓	Manufacturer: Trimble	Model: TSCe Firmware Version: Survey Controller v 10.72	S/N: 00028887 ✓
Antenna #: 5 ✓ P/N: 41249-00	Manufacturer: Trimble DC: 4315	Model: Zephyr Geodetic	S/N: 12422830 ✓

OBSERVATION TECHNIQUE

Static ☒

Session #: 0 ✓	Station Name: HOG ✓	PID: GU3516 ✓
4 Character ID: HOGG ✓ File Name(s): HOGG1970 ✓ File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled	Start Time (Local) 900 ✓	Start Time (UTC) 1600 ✓
	End Time (Local) 200 ✓	End Time (UTC) 2100 ✓
Actual	Start Time (Local) 844 ✓	Start Time (UTC) 1544 ✓
	End Time (Local) 202 ✓	End Time (UTC) 2102 ✓

ANTENNA INFORMATION

Fixed Height Tripod ☒	Collapsible Leg Tripod ☐	Other ☐ Describe _____
Tripod #: 5	Tripod Manufacturer: SECO	Tripod Color: YELLOW
Adjustment - Verified ☐	Adjusted ☐ (Initials): _____	

ANTENNA HEIGHT	Before Session Begins		After Session ends	
	Meters	Feet	Meters	Feet
A = Datum point to Top of Tripod or Height Hook reading	1.800	5'9.055	1.800	5'9.055
B = Additional offset to ARP if any (Quick Release/ HH constant)	0	0	0	0
H = Antenna Height = A+B = Datum Point to Antenna Reference Point (ARP) Note: ARP is Bottom of Antenna Mount	1.800	5'9.055	1.800	5'9.055

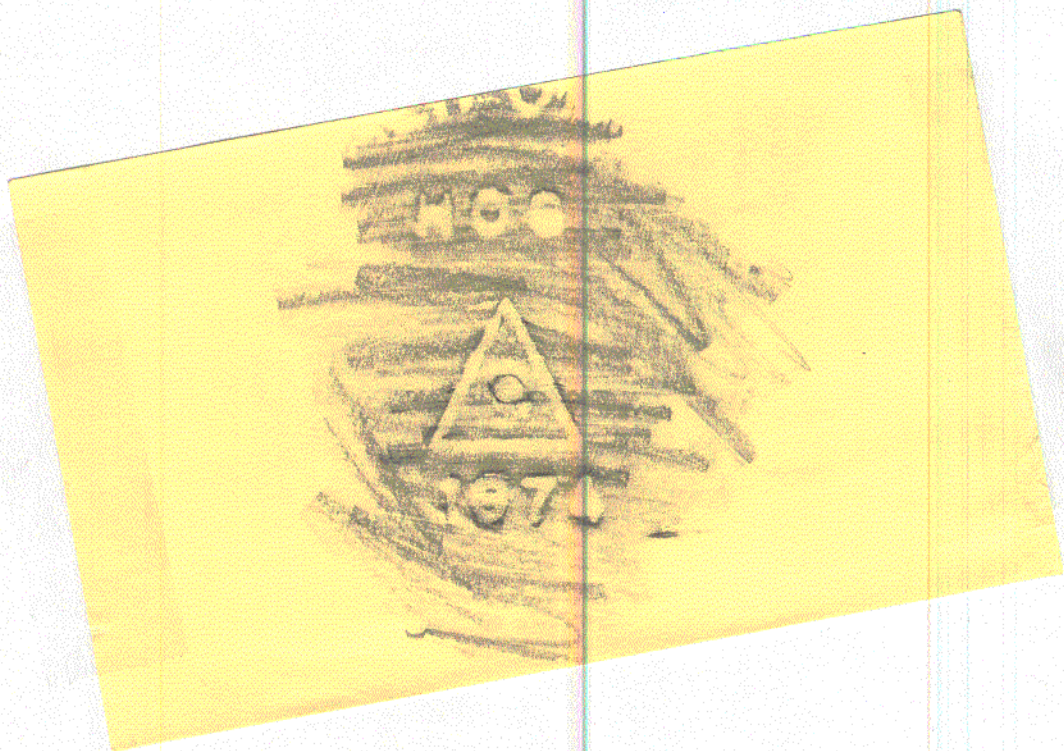
Antenna plumb before session? (Y/N) (Y)	Antenna plumb after session? (Y/N) (Y)	Antenna cable length 10 M
Vehicle is parked 55 meters	NWLY (direction) from antenna and (Above/Below)	
Pencil rubbing ☒ or sketch ☐ attached (Y/N) (Y)	If no explain _____	

PHOTOGRAPH LOG

Frame # or File name	Description

Remarks, Weather, Comments on Problems, Sketches, etc.

Log Checked By: R.B.m.	Date: 8-10-2004
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7-15-2004

HOGG

197 Session D

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092
Observation Date: 7-15-04 ✓	Day of Year: 197 ✓		EA: 908160
Operator: J. BLAES ✓		Agency: CalTrans - District 05	
Receiver #: 7 ✓ P/N: 40406-46	Manufacturer: Trimble	Model: 5700 Firmware Version: v 2.01	S/N: 0220298188 ✓
Controller #: 7 ✓ P/N: 45185-10 ✓	Manufacturer: Trimble	Model: TSCe Firmware Version: Survey Controller v 10.72	S/N: 00028951 ✓
Antenna #: 7 ✓ P/N: 41249-00	Manufacturer: Trimble DC: 4313 ✓	Model: Zephyr Geodetic	S/N: 12425996 ✓

OBSERVATION TECHNIQUE

Static ☒

Session #: 0 ✓	Station Name: HPGN CA 0509 ✓	PID: FV2052 ✓
4 Character ID: 0509 ^{Edit} File Name(s): 0509 1970 ✓		
File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		

Scheduled			
Start Time (Local) 9:00 AM ✓	Start Time (UTC) 1600 ✓	End Time (Local) 21:00 AM ✓	End Time (UTC) 2100 ✓
Actual			
Start Time (Local) 8:38 AM ✓	Start Time (UTC) 1538 ✓	End Time (Local) 20:00 AM ✓	End Time (UTC) 2100 ✓

ANTENNA INFORMATION

Fixed Height Tripod ☒	Collapsible Leg Tripod ☐	Other ☐ Describe SECO
Tripod #: 7	Tripod Manufacturer:	Tripod Color: YELLOW
Adjustment - Verified ☒	Adjusted ☐ (Initials): JB	

ANTENNA HEIGHT	Before Session Begins		After Session ends	
	Meters	Feet	Meters	Feet
A = Datum point to Top of Tripod or Height Hook reading	1.800	5.91	1.800	5.91
B = Additional offset to ARP if any (Quick Release/ HH constant)	0	0	0	0
H = Antenna Height = A+B = Datum Point to Antenna Reference Point (ARP) Note: ARP is Bottom of Antenna Mount	1.800	5.91	1.800	5.91

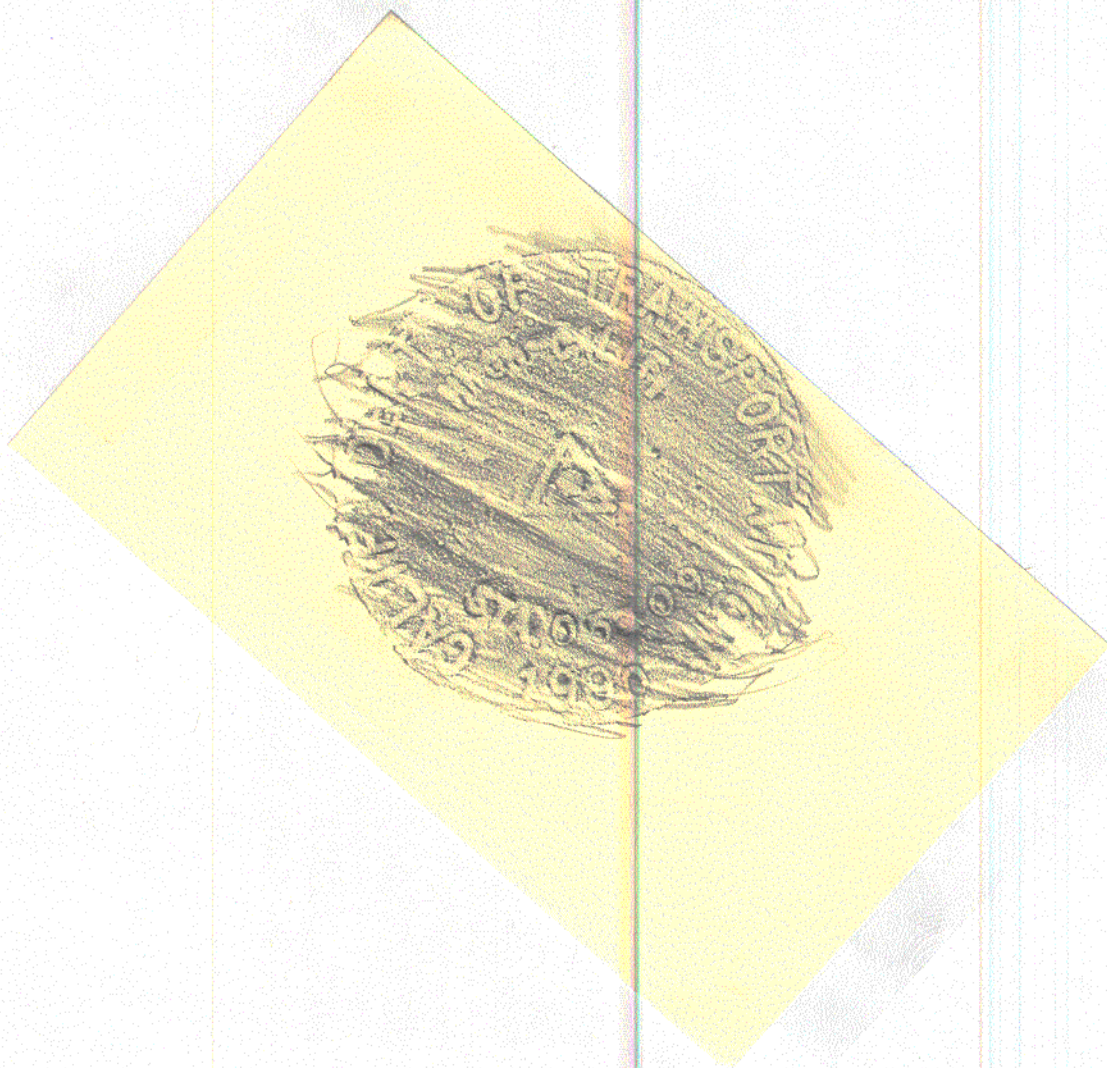
Antenna plumb before session? (Y/N) Y	Antenna plumb after session? (Y/N) Y	Antenna cable length 10m
Vehicle is parked 15 meters	S'LY (direction) from antenna and (Above/Below)	
Pencil rubbing ☒ or sketch ☐ attached (Y/N) Y	If no explain	

PHOTOGRAPH LOG

Frame # or File name	Description

Remarks, Weather, Comments on Problems, Sketches, etc.
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Log Checked By: R.B.M.	Date: 8-10-2004
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7-15-2004

0509

197 Session Q