

JD 182

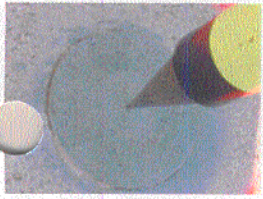
Session 01 08:16 - 09:47

Session 02 10:05 - 11:50

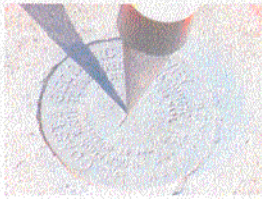
Session 03 12:26 - 14:14 *

Session 04 * 14:02 - 16:22

* overlap



J6951821A.JPG



J6951821B.JPG



J6951821C.JPG



J6951821D.JPG



M1311822A.JPG



M1311822B.JPG



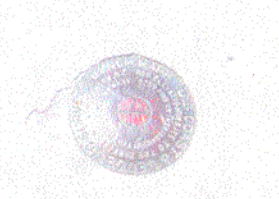
B7071823A.JPG



B7071823B.JPG



TID51824A.JPG



TID51824B.JPG



TID51824C.JPG

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092
Observation Date: 6-30-04 ✓	Day of Year: 182 ✓	EA: 908160
Operator: R E BROWN ✓		Agency: CalTrans - District 05
Receiver #: 1 ✓ P/N: 40406-46	Manufacturer: Trimble Model: 5700 Firmware Version: v 2.01	S/N: 0440100990 ✓
Controller #: 11 ✓ P/N: 45185-10	Manufacturer: Trimble Model: TSCe Firmware Version: Survey Controller v 10.72	S/N: 00031634 ✓
Antenna #: 1 ✓ P/N: 41249-00	Manufacturer: Trimble Model: Zephyr Geodetic DC: 4126 ✓	S/N: 12200511 ✓

OBSERVATION TECHNIQUE

Static ☒

Session #: 1 ✓	Station Name: J695 RESET ✓	PID: GU 2755 ✓
4 Character ID: J695 ✓ File Name(s): J6951821.DAT ✓		
File Name Format = aaaadds.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) 9:45 AM ✓	End Time (UTC) 1645 ✓
Actual	Start Time (Local) 8:44 AM ✓	Start Time (UTC) 1544 ✓
	End Time (Local) 9:45 AM ✓	End Time (UTC) 1645 ✓

ANTENNA INFORMATION

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

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	6.56	2.000	6.56
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	2.000	6.56	2.000	6.56

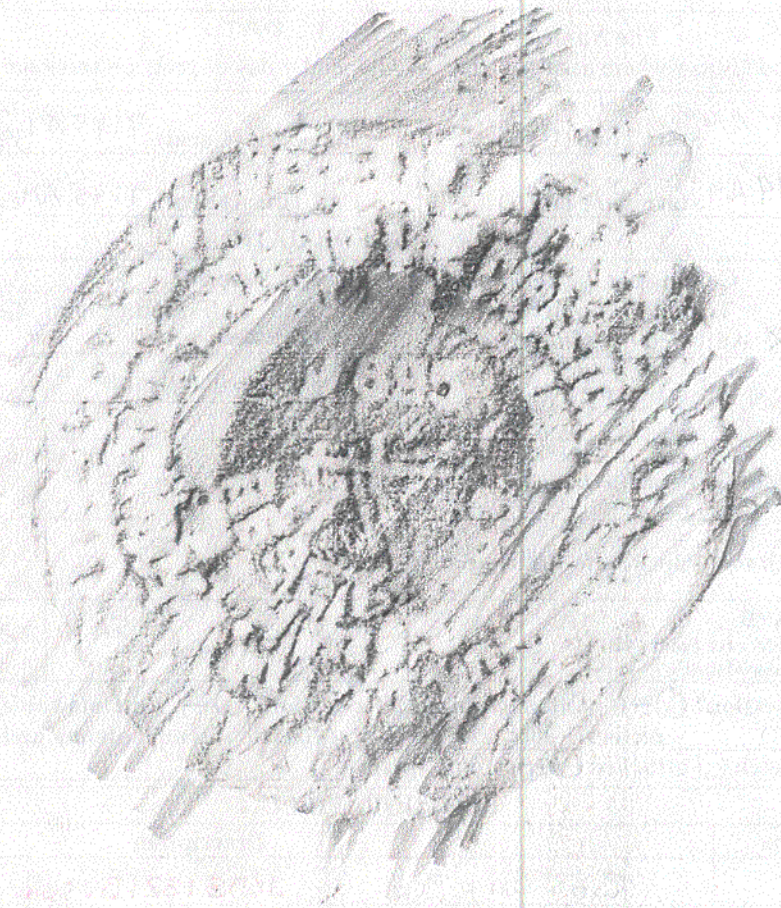
Antenna plumb before session? ☒	Antenna plumb after session? ☒	Antenna cable length 10m
Vehicle is parked 30 meters	SELY (direction) from antenna and (Above/Below)	
Pencil rubbing ☒ or sketch ☐ attached ☒	If no explain	

PHOTOGRAPH LOG

Frame # or File name	Description
100 - 0059	Rod ON Pr. J6951821B.jpg

Remarks, Weather, Comments on Problems, Sketches, etc.
Edit - antenna measurement point to "Bottom of antenna mount."
Log Checked By: R.B.M.
Date: 8-09-2004

SEE
BACK
OF LOG
SHEET



GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092
Observation Date: 6-30-04 ✓	Day of Year: 182 ✓	EA: 908160
Operator: R E BROWN ✓		Agency: CalTrans - District 05
Receiver #: 1 ✓ P/N: 40406-46	Manufacturer: Trimble Model: 5700 Firmware Version: v 2.01	S/N: 0440100990 ✓
Controller #: 11 ✓ P/N: 45185-10 ✓	Manufacturer: Trimble Model: TSCe Firmware Version: Survey Controller v 10.72	S/N: 00031634 ✓
Antenna #: 1 ✓ P/N: 41249-00	Manufacturer: Trimble Model: Zephyr Geodetic DC: 4126 ✓	S/N: 12200511 ✓

OBSERVATION TECHNIQUE

Static ☒

Session #: 2 ✓	Station Name: M 1315 ✓	PID: FV 1132 ✓
4 Character ID: M131 ✓ File Name(s): M1311822.DAT ✓		
File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled		
Start Time (Local) 11:00 AM ✓	Start Time (UTC) 1800 ✓	End Time (Local) 11:45 AM ✓ End Time (UTC) 1845 ✓
Actual		
Start Time (Local) 10:49 AM ✓	Start Time (UTC) 1749 ✓	End Time (Local) 11:45 AM ✓ End Time (UTC) 1845 ✓

ANTENNA INFORMATION

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

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	6.56	2.000	6.56
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	2.000	6.56	2.000	6.56

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

PHOTOGRAPH LOG

Frame # or File name	Description
100-0063	DISK IN PROTECTIVE SLEEVE
	M1311822B.jpg

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

Log Checked By: R.B.M.	Date: 8-09-2004
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6-30-2004

M131
(m 1315)

182 Session 02

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092
Observation Date: 6-30-04 ✓	Day of Year: 182 ✓	EA: 908160
Operator: R E BROWN ✓		Agency: CalTrans - District 05
Receiver #: 1 ✓ P/N: 40406-46	Manufacturer: Trimble Model: 5700 Firmware Version: v 2.01	S/N: 0440100990 ✓
Controller #: 11 ✓ P/N: 45185-10 ✓	Manufacturer: Trimble Model: TSCe Firmware Version: Survey Controller v 10.72	S/N: 00031634 ✓
Antenna #: 1 ✓ P/N: 41249-00	Manufacturer: Trimble Model: Zephyr Geodetic DC: 4126 ✓	S/N: 12200511 ✓

OBSERVATION TECHNIQUE

Static ☒

Session #: 3 ✓	Station Name: B707 ✓	PID: FV0967 ✓
4 Character ID: B707 ✓ File Name(s): B7071823.DAT ✓ File Name Format = aaaaddd.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled Start Time (Local) 1:00 PM ✓ Start Time (UTC) 2000 ✓ End Time (Local) 1:45 PM ✓ End Time (UTC) 2045 ✓		
Actual Start Time (Local) 12:42 PM ✓ Start Time (UTC) 1942 ✓ End Time (Local) 13:45 ✓ End Time (UTC) 2045 ✓		

ANTENNA INFORMATION

Fixed Height Tripod ☒	Collapsible Leg Tripod ☐	Other ☐ Describe _____
Tripod #: 1	Tripod Manufacturer: SECO	Tripod Color: GREEN
Adjustment - Verified ☐	Adjusted ☐ (Initials): KERS	

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	6.56	2.000	6.56
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	2.000	6.56	2.000	6.56

Antenna plumb before session? (Y/N) (Y)	Antenna plumb after session? (Y/N) (Y)	Antenna cable length 10m
Vehicle is parked 20 meters WLY (direction) from antenna and (Above/Below)		
Pencil rubbing ☒ or sketch ☐ attached (Y/N) (Y) If no explain		

PHOTOGRAPH LOG

Frame # or File name	Description
100 - 0065	B7071823B.jpg

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

Log Checked By: R.B.M.	Date: 8-09-2004
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GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092
Observation Date: 6-30-04 ✓	Day of Year: 182 ✓		EA: 908160
Operator: R. E. BROWN ✓		Agency: CalTrans - District 05	
Receiver #: 1 ✓ P/N: 40406-46	Manufacturer: Trimble	Model: 5700 Firmware Version: v 2.01	S/N: 0440100990 ✓
Controller #: 11 ✓ P/N: 45185-10 ✓	Manufacturer: Trimble	Model: TSCe Firmware Version: Survey Controller v 10.72	S/N: 00031634 ✓
Antenna #: 1 ✓ P/N: 41249-00	Manufacturer: Trimble DC: 4126 ✓	Model: Zephyr Geodetic	S/N: 1220 0511 ✓

OBSERVATION TECHNIQUE

Static ☒

Session #: 4 ✓	Station Name: TIDAL 5 ✓	PID: FV 0401 ✓
4 Character ID: TID5 ✓ File Name(s): TID5 1824.DAT ✓		
File Name Format = aaaadddd.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled	Start Time (Local) 3:00 PM ✓	Start Time (UTC) 2200 ✓
End Time (Local) 4:15 PM ✓	End Time (UTC) 2315 ✓	
Actual	Start Time (Local) 2:33 PM ✓	Start Time (UTC) 2133 ✓
End Time (Local) 16:15 ✓	End Time (UTC) 2315 ✓	

ANTENNA INFORMATION

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

Tripod #: 1 Tripod Manufacturer: SECO Tripod Color: GREEN

Adjustment - Verified ☒ Adjusted ☐ (Initials): KEB

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	6.56	2.000	6.56
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	2.000	6.56	2.000	6.56

Antenna plumb before session? ☒ Antenna plumb after session? ☒ Antenna cable length 10m

Vehicle is parked 20 meters SELY (direction) from antenna and (Above/Below)

Pencil rubbing ☒ or sketch ☐ attached ☒ If no explain _____

PHOTOGRAPH LOG

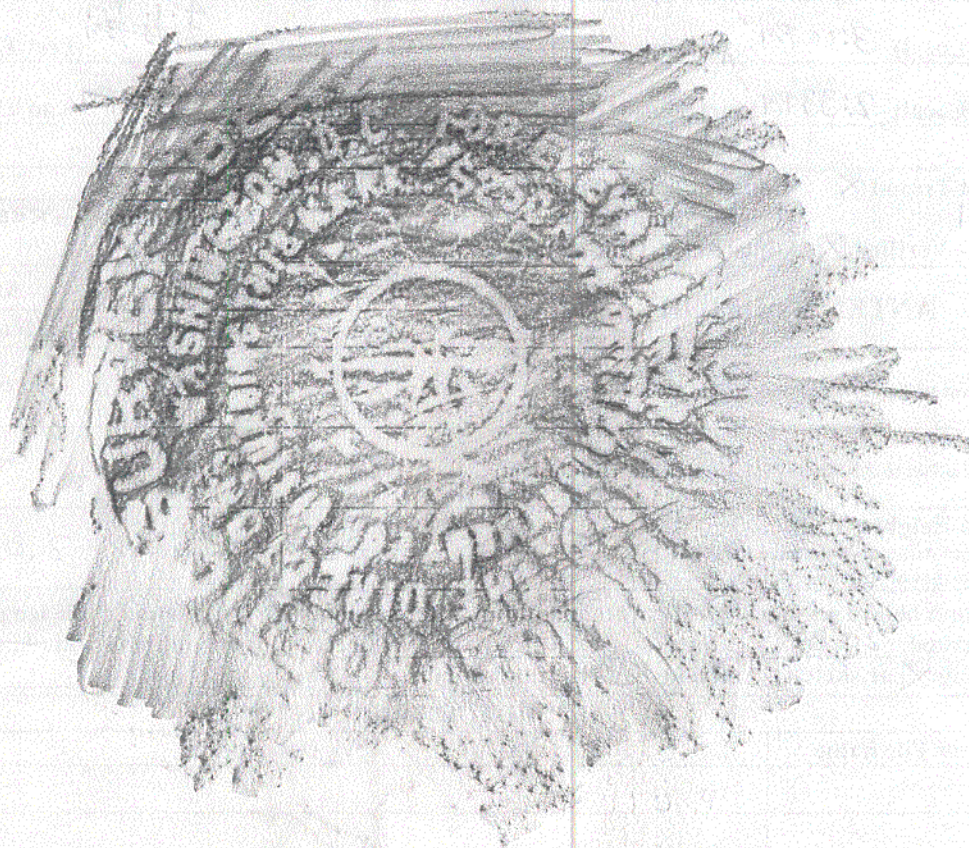
Frame # or File name	Description

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

THERE ARE OBSTRUCTIONS CLOSER TO POINT ~~A~~ THAN THE TRUCK INCLUDING 2 LAMPOSTS N & S OF POINT & A FLAGPOLE W OF POINT. (BUT PROBABLY NOT A PROBLEM).

Log Checked By: R.B.M. Date: 8-09-2004

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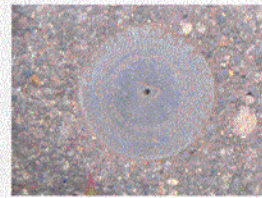
jd182 001.jpg



jd182 002.jpg



jd182 003.jpg



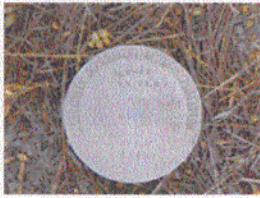
jd182 004.jpg



jd182 005.jpg



jd182 006.jpg



jd182 007.jpg



jd182 008.jpg



jd182 009.jpg



jd182 010.jpg



jd182 011.jpg



jd182 012.jpg



jd182 013.jpg

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092
Observation Date: 6-30-2004 ✓	Day of Year: 182 ✓	EA: 908160
Operator: R.B. MacKenzie III ✓		Agency: CalTrans - District 05
Receiver #: 2 ✓ P/N: 40406-46	Manufacturer: Trimble Model: 5700 Firmware Version: v 2.01	S/N: 0446100986 ✓
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 #: 1 ✓	Station Name: MON 1 PM 29.8' (Reset 2004)	PID: GU4325 ✓
4 Character ID: PM29 ✓ File Name(s): PM291821 ✓		
File Name Format = aaaadddd.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) 09:45 ✓	End Time (UTC) 16:45 ✓
Actual			
Start Time (Local) 08:35 ✓	Start Time (UTC) 15:35 ✓	End Time (Local) 09:45 ✓	End Time (UTC) 16:45 ✓

ANTENNA INFORMATION

Fixed Height Tripod ☒	Collapsible Leg Tripod ☐	Other ☐ Describe _____
Tripod #: 2	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		2.000	
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	2.000		2.000	

Antenna plumb before session? (Y/N) (Y)	Antenna plumb after session? (Y/N) (Y)	Antenna cable length 10 mt.
Vehicle is parked 8 ± meters SE'ly	(direction) from antenna and (Above/Below)	
Pencil rubbing ☐ or sketch ☐ attached (Y/N) (Y)	If no explain Photo Taken	

PHOTOGRAPH LOG

Frame # or File name	Description
1	Close-up of monument
2	Overall of setup looking N'ly

Remarks, Weather, Comments on Problems, Sketches, etc. Scattered clouds, cool, calm	Beg PDOP 2.1 End PDOP 3.2
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Log Checked By: R.B.M.	Date: 8-09-2004
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GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092
Observation Date: 6-30-2004 ✓	Day of Year: 182 ✓	EA: 908160
Operator: R.B. MacKenzie ✓		Agency: CalTrans - District 05
Receiver #: 2 ✓ P/N: 40406-46	Manufacturer: Trimble Model: 5700 Firmware Version: v 2.01	S/N: 0440100980 ✓
Controller #: A ✓ P/N: 45185-10 ✓	Manufacturer: Trimble Model: TSCe Firmware Version: Survey Controller v 10.72	S/N: 000 26155 ✓
Antenna #: 2 ✓ P/N: 41249-00	Manufacturer: Trimble Model: Zephyr Geodetic DC: 4126 ✓	S/N: 1188 4506 ✓

OBSERVATION TECHNIQUE

Static ☒

Session #: 2 ✓	Station Name: HIWAY 1932 ✓	PID: FV1002 ✓
4 Character ID: HIWA ✓ File Name(s): HIWA1822 ✓ File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled Start Time (Local) 11:00 ✓ Start Time (UTC) 18:00 ✓ End Time (Local) 11:45 ✓ End Time (UTC) 18:45 ✓		
Actual Start Time (Local) 10:52 ✓ Start Time (UTC) 17:52 ✓ End Time (Local) 11:45 ✓ End Time (UTC) 18:45 ✓		

ANTENNA INFORMATION

Fixed Height Tripod ☒ Collapsible Leg Tripod ☐ Other ☐ Describe _____
 Tripod #: 2 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		2 ⁰⁰⁰	
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	2 ⁰⁰⁰		2 ⁰⁰⁰	

Antenna plumb before session? (Y/N) Antenna plumb after session? (Y/N) Antenna cable length 10 mt.
 Vehicle is parked 25 ± 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
3	Overall Setup looking w'ly
4	Close-up of monument

Remarks, Weather, Comments on Problems, Sketches, etc. Overcast, cool, calm	Beg. PDOP 2.2, 11:20 PDOP 1.9 End PDOP 1.4
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Log Checked By: R.B.M.	Date: 8-09-2004
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GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092
Observation Date: 6-30-2004 ✓	Day of Year: 182 ✓	EA: 908160
Operator: R.B. MacKenzie III ✓		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 #: 3 ✓	Station Name: SLO 1 PM 53.8 ✓ (05 MG)	PID: FV 2076 ✓
4 Character ID: PM53 ✓ File Name(s): PM531823 ✓		
File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled		
Start Time (Local) 13:00 ✓	Start Time (UTC) 20:00 ✓	End Time (Local) 13:45 ✓ End Time (UTC) 20:45 ✓
Actual		
Start Time (Local) 12:25 ✓	Start Time (UTC) 19:25 ✓	End Time (Local) 13:45 ✓ End Time (UTC) 20:45 ✓

ANTENNA INFORMATION

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

Tripod #: 2 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		2.000	
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	2.000		2.000	

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

Vehicle is parked 16 ± meters SW'ly (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
5,6,7	Close-up of Monument
8	Overall of Setup looking NE'ly

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

Overcast, cool, breezy

Beg. PDOP 1.9, dropped to 3.2
13:00 PDOP 2.4, 13:15 PDOP 2.0
13:30 PDOP 1.9,

Log Checked By: R.B.M. Date: 8-09-2004

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092
Observation Date: 6-30-2004 ✓	Day of Year: 182 ✓	EA: 908160
Operator: R.B. MacKenzie III ✓		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: 0026155 ✓
Antenna #: 2 ✓ P/N: 41249-00	Manufacturer: Trimble Model: Zephyr Geodetic DC: 4126 ✓	S/N: 11884506 ✓

OBSERVATION TECHNIQUE

Static ☒

Session #: 4 ✓	Station Name: S1314 ✓	PID: FV 110X ✓
4 Character ID: S131 ✓ File Name(s): S1311824 ✓ File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled Start Time (Local) 15:00 ✓ Start Time (UTC) 22:00 ✓ End Time (Local) 16:15 ✓ End Time (UTC) 23:15 ✓		
Actual Start Time (Local) 14:40 ✓ Start Time (UTC) 21:40 ✓ End Time (Local) 16:15 ✓ End Time (UTC) 23:15 ✓		

ANTENNA INFORMATION

Fixed Height Tripod ☐ Collapsible Leg Tripod ☒ Other ☐ Describe _____
 Tripod #: LL-1 Tripod Manufacturer: Wild Tripod Color: Yellow/Orange
 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	0.506	1.66		
B = Additional offset to ARP if any (Quick Release/ HH constant)	0.277	0.909		
H = Antenna Height = A+B = Datum Point to Antenna Reference Point (ARP) Note: ARP is Bottom of Antenna Mount	0.783	2.569		

Antenna plumb before session? (Y/N) Antenna plumb after session? (Y/N) Antenna cable length 10 mt.
 Vehicle is parked 356 ± meters N'y (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
9	detail - height hook reading
10	Overall of Setup looking S'y
11	Overall of Setup looking N'y
12 & 13	Close-up of monument

Remarks, Weather, Comments on Problems, Sketches, etc. Clear, warm, breezy	Beg. PDOP 2.4, 15:00 PDOP 2.8 15:15 PDOP 9+, 15:35 PDOP 5.8 15:37 PDOP 2.4 (6 s/s)
Log Checked By: R.B.M.	Date: 8-09-2004

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092
Observation Date: 6-30-04 ✓	Day of Year: 182 ✓	EA: 908160
Operator: Larry Scott		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 #: 1 ✓	Station Name: HPGN CA 0509 ✓	PID: FV2052 ✓ CAPS
4 Character ID: 0509 ✓ File Name(s): 05091821 ✓		
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) 9:45 ✓ End Time (UTC) 1645 ✓
Actual		
Start Time (Local) 8:16 ✓	Start Time (UTC) 1516 ✓	End Time (Local) 9:45 ✓ End Time (UTC) 1645 ✓

ANTENNA INFORMATION

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

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

Adjustment - Verified ☒ Adjusted ☐ (Initials): SLS

ANTENNA HEIGHT	Before Session Begins		After Session ends	
	Meters	Feet	Meters	Feet
A = Datum point to Top of Tripod or Height Hook reading	2.0	6' 6 3/4"	2.0	6' 6 3/4"
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	2.0	6' 6 3/4"	2.0	6' 6 3/4"

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

Vehicle is parked 20 meters Southerly (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.

Log Checked By: R.B.M.

Date: 8-09-2004



6-30-2004

0509

182 Session 01

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092	
Observation Date: 6-30-04 ✓	Day of Year: 182 ✓	EA: 908160	
Operator: L. Scott ✓		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 DC: 4124 ✓	Model: Zephyr Geodetic	S/N: 12234994 ✓

OBSERVATION TECHNIQUE

Static ☒

Session #: 2 ✓	Station Name: H1315 ✓	PID: FV1127 ✓ CAPS
4 Character ID: H315 ✓ File Name(s): H3151822 ✓ File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled Start Time (Local) 11:00 ✓ Start Time (UTC) 1800 ✓ End Time (Local) 11:45 ✓ End Time (UTC) 1845 ✓		
Actual Start Time (Local) 10:55 ✓ Start Time (UTC) 1755 ✓ End Time (Local) 11:45 ✓ End Time (UTC) 1845 ✓		

ANTENNA INFORMATION

Fixed Height Tripod ☒ Collapsible Leg Tripod ☐ Other ☐ Describe _____
 Tripod #: 3 Tripod Manufacturer: SRCO Tripod Color: GREEN
 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	2.0	6'6 3/4"	2.0	6'6 3/4"
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	2.0	6'6 3/4"	2.0	6'6 3/4"

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

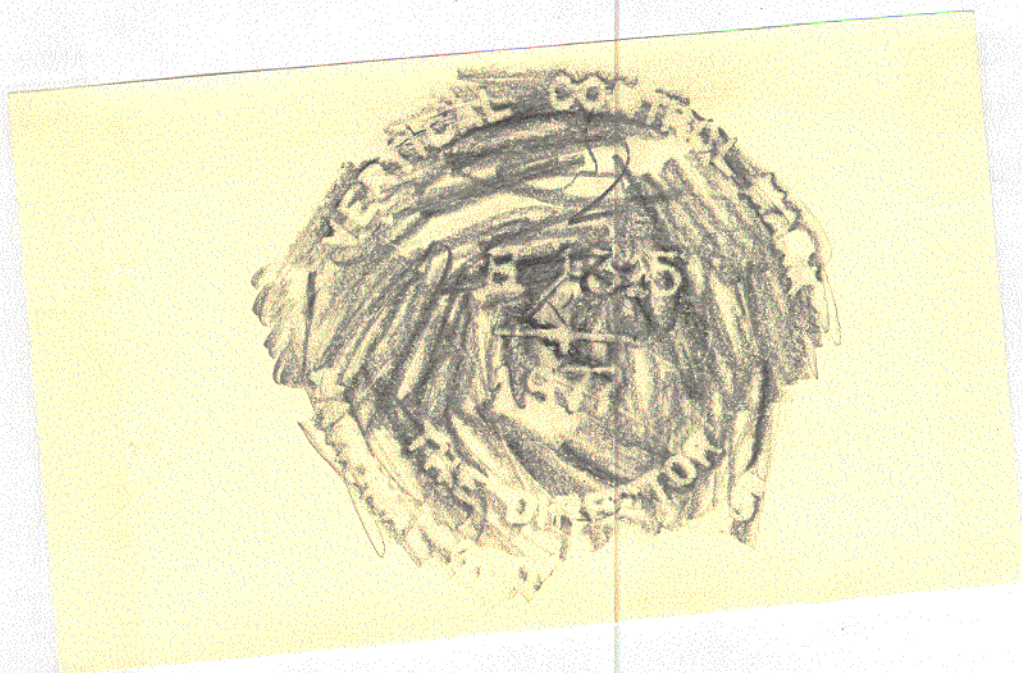
PHOTOGRAPH LOG

Frame # or File name	Description

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

Log Checked By: R.B.M.

Date: 8-09-2004



6-30-2004

H315
(H 1315)

182 Session 02

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092
Observation Date: 6-30-04 ✓	Day of Year: 182 ✓	EA: 908160
Operator: L. Scott ✓		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 #: 3 ✓	Station Name: K707 ✓	PID: FV 1032 ✓ CAPS
4 Character ID: K707 ✓ File Name(s): K7071823 ✓		
File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		

Scheduled			
Start Time (Local) 1:00 ✓	Start Time (UTC) 2000 ✓	End Time (Local) 1:45 ✓	End Time (UTC) 2045 ✓
Actual			
Start Time (Local) 12:35 ✓	Start Time (UTC) 1935 ✓	End Time (Local) 1:45 ✓	End Time (UTC) 2045 ✓

ANTENNA INFORMATION

Fixed Height Tripod ☒	Collapsible Leg Tripod ☐	Other ☐ Describe _____
Tripod #: 3	Tripod Manufacturer: SGC	Tripod Color: GREEN
Adjustment - Verified ☒	Adjusted ☐ (Initials): J. A.	

ANTENNA HEIGHT	Before Session Begins		After Session ends	
	Meters	Feet	Meters	Feet
A = Datum point to Top of Tripod or Height Hook reading	2.0	6' 6 3/4"	2.0	6' 6 3/4"
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	2.0	6' 6 3/4"	2.0	6' 6 3/4"

Antenna plumb before session? (Y/N) ☒ Y	Antenna plumb after session? (Y/N) ☒ Y	Antenna cable length 10 meters
Vehicle is parked <u>Westerly</u> meters <u>Westerly</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.

Log Checked By: R.B.M.

Date: 8-09-2004



6-30-2004

K707

182 Session 03

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092	
Observation Date: 6-30-04 ✓	Day of Year: 182 ✓	EA: 908160	
Operator: L. Scott ✓		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 #: 4 ✓	Station Name: T693 ✓	PID: FV0754 ✓ CAPS
4 Character ID: T693 ✓ File Name(s): T693 1824 ✓		
File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled		
Start Time (Local) 3:00 ✓	Start Time (UTC) 2200 ✓	End Time (Local) 4:15 ✓ End Time (UTC) 2315 ✓
Actual		
Start Time (Local) 2:28 ✓	Start Time (UTC) 2128 ✓	End Time (Local) 3:45 ✓ End Time (UTC) 2245 ✓

ANTENNA INFORMATION

Fixed Height Tripod ☒	Collapsible Leg Tripod ☐	Other ☐ Describe _____
Tripod #: 3	Tripod Manufacturer: SECO	Tripod Color: GREEN
Adjustment - Verified ☒	Adjusted ☐ (Initials): J.L.	

ANTENNA HEIGHT	Before Session Begins		After Session ends	
	Meters	Feet	Meters	Feet
A = Datum point to Top of Tripod or Height Hook reading	2.0	6' 6 3/4"	2.0	6' 6 3/4"
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	2.0	6' 6 3/4"	2.0	6' 6 3/4"
Antenna plumb before session? (Y/N) Antenna plumb after session? (Y/N) Antenna cable length 10 METERS				
Vehicle is parked _____ meters (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.

Log Checked By: R.B.M.

Date: 8-09-2004



6-30-2004

T693

182 Session 04

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092
Observation Date: 6-30-04 ✓	Day of Year: 182 ✓	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 #: 4c ✓ 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: 12200380	

OBSERVATION TECHNIQUE

Static ☒

Session #: 1 ✓	Station Name: H1316 ✓	PID: FV1151 ✓
4 Character ID: H316 ✓ Edit File Name(s): H3161821 ✓ 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) 9:45 ✓	End Time (UTC) 1645 ✓
Actual			
Start Time (Local) 8:44 ✓	Start Time (UTC) 1544 ✓	End Time (Local) 9:45 ✓	End Time (UTC) 1645 ✓

ANTENNA INFORMATION

Fixed Height Tripod ☒	Collapsible Leg Tripod ☐	Other ☐ Describe _____
Tripod #: 4	Tripod Manufacturer: SECO	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			
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) <u>Y</u>	Antenna plumb after session? (Y/N) <u>Y</u>	Antenna cable length <u>10M</u>
Vehicle is parked <u>30</u> meters <u>SOUTH</u> (direction) from antenna and (Above/Below) <u>Below</u>		
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: R.B.M.	Date: 8-09-2004
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6-30-2004

H316
(H1316)

182 Session 01

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092
Observation Date: 6-30-04	Day of Year: 182	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 #: 4c ✓ P/N: 45185-10	Manufacturer: Trimble Model: TSCe Firmware Version: Survey Controller v 10.72	S/N: 000315689
Antenna #: 4 ✓ P/N: 41249-00	Manufacturer: Trimble Model: Zephyr Geodetic DC: A126 ✓	S/N: 122003605

OBSERVATION TECHNIQUE

Static ☒

Session #: 2 ✓	Station Name: PM 53.80 ✓	PID: FV 2076 ✓
4 Character ID: PM53 ✓ Edit File Name(s): PM531822 ✓		
File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		

Scheduled			
Start Time (Local) 11:00 ✓	Start Time (UTC) 1800 ✓	End Time (Local) 11:45 ✓	End Time (UTC) 18:45 ✓
Actual			
Start Time (Local) 11:00 ✓	Start Time (UTC) 1800 ✓	End Time (Local) 11:45 ✓	End Time (UTC) 18:45 ✓

ANTENNA INFORMATION

Fixed Height Tripod ☒	Collapsible Leg Tripod ☐	Other ☐ Describe _____
Tripod #: 4	Tripod Manufacturer: SECO	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			
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 30 meters	WEST (direction) from antenna and (Above/Below)	
Pencil rubbing ☒ or sketch ☐ attached (Y/N) (Y)	If no explain _____	

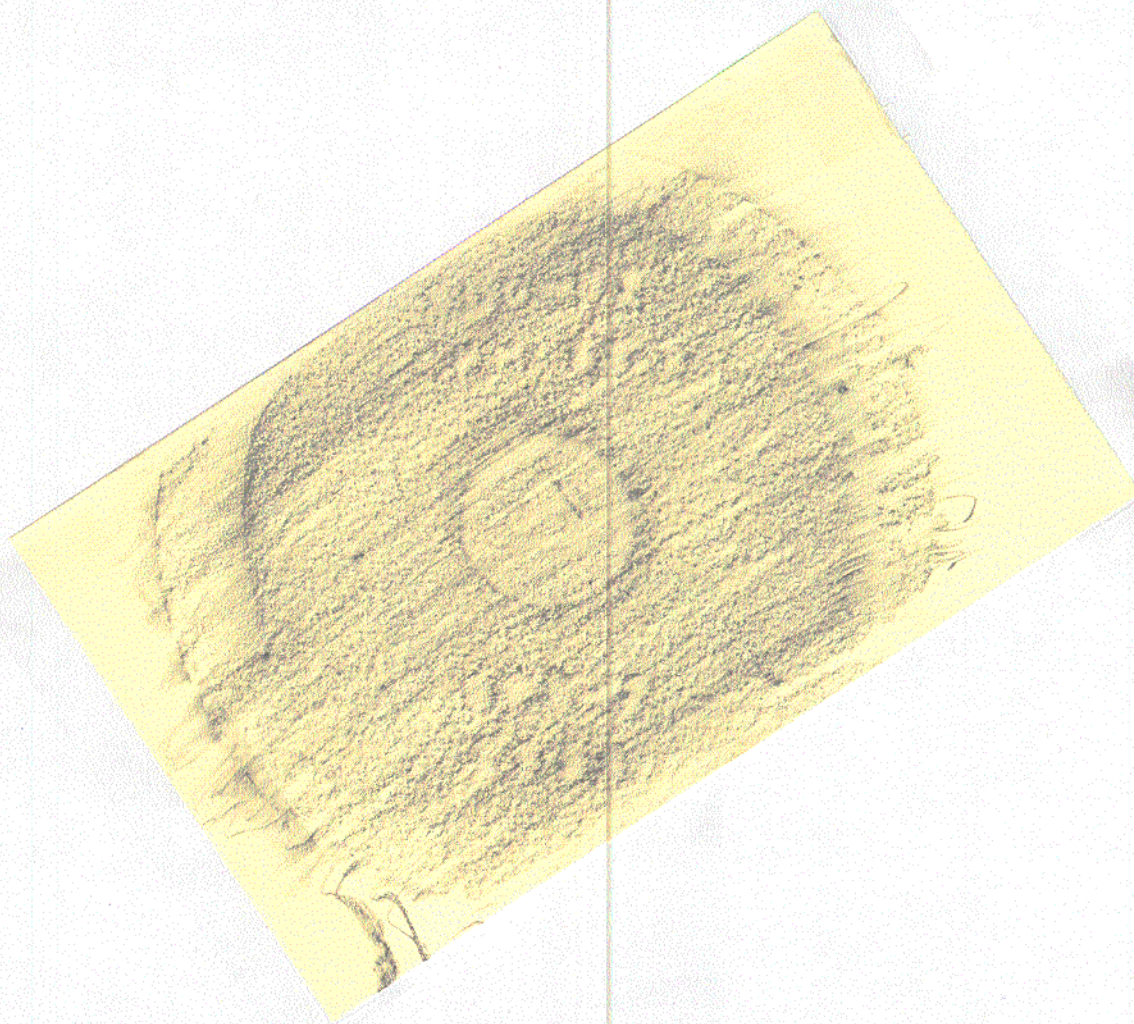
PHOTOGRAPH LOG

Frame # or File name	Description

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

Log Checked By: R.B.M.

Date: 8-09-2004



6-30-2004

PM53
(SLO 1 PM 53.8)

182 Session 02

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092
Observation Date: 6-30-04	Day of Year: 182	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: 12200360
P/N: 41249-00	DC: A126	

OBSERVATION TECHNIQUE

Static ☒

Session #: 3	Station Name: 05LG	PID: FV2068
4 Character ID: 05LG	File Name(s): 05LG1823	CAPS
File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled		
Start Time (Local) 1:00	Start Time (UTC) 2000	End Time (Local) 1:45 End Time (UTC) 2045
Actual		
Start Time (Local) 12:54	Start Time (UTC) 1954	End Time (Local) 13:44 End Time (UTC) 2044

ANTENNA INFORMATION

Fixed Height Tripod ☒	Collapsible Leg Tripod ☐	Other ☐ Describe
Tripod #: 4	Tripod Manufacturer: SECO	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			
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 30 meters	NORTH (direction) from antenna and (Above/Below)	
Pencil rubbing ☒ or sketch ☐ attached (Y/N) Y	If no explain	

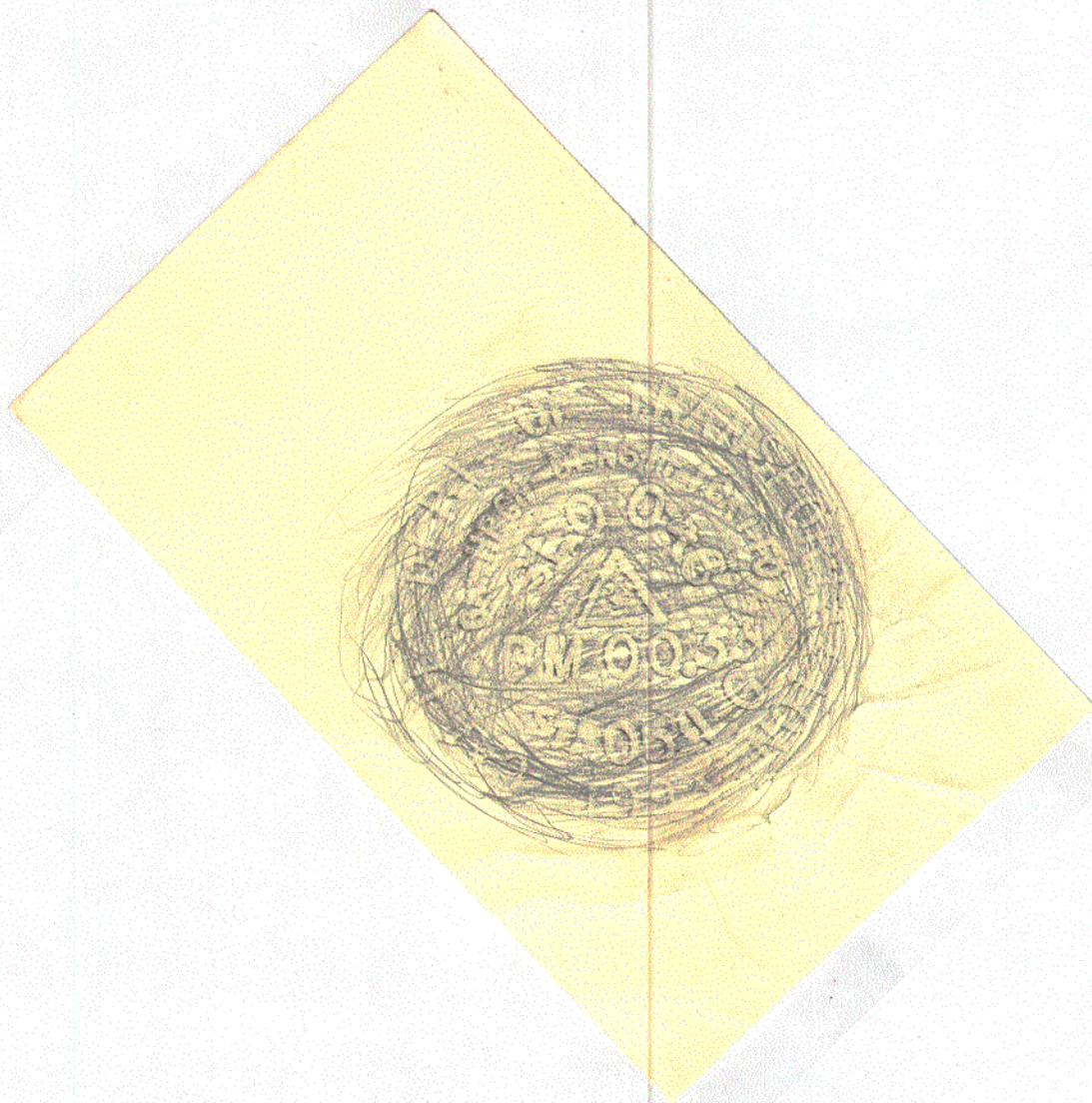
PHOTOGRAPH LOG

Frame # or File name	Description

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

Log Checked By: R.B.M.

Date: 8-09-2004



6-30-2004

05LG

182 Session 03

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092
Observation Date: 6-30-04 ✓	Day of Year: 182 ✓	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 #: 4 ✓ 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: 12200350

OBSERVATION TECHNIQUE

Static ☒

Session #: 4 ✓	Station Name: 05LG ✓	PID: FV2068 ✓
4 Character ID: 05LG ✓ File Name(s): 05LG1824 ✓ File Name Format = aaaadddd.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled Start Time (Local) 3:00 ✓ Start Time (UTC) 2200 ✓ End Time (Local) 4:15 ✓ End Time (UTC) 2315 ✓		
Actual Start Time (Local) 2:00 ✓ Start Time (UTC) 2100 ✓ End Time (Local) 16:14 ✓ End Time (UTC) 23:14 ✓		

ANTENNA INFORMATION

Fixed Height Tripod ☒	Collapsible Leg Tripod ☐	Other ☐ Describe _____
Tripod #: 4	Tripod Manufacturer: SECO	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			
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 10 m
 Vehicle is parked 30 meters NORTH (direction) from antenna and (Above/Below)
 Pencil rubbing ☒ or sketch ☐ attached (Y/N) If no explain _____

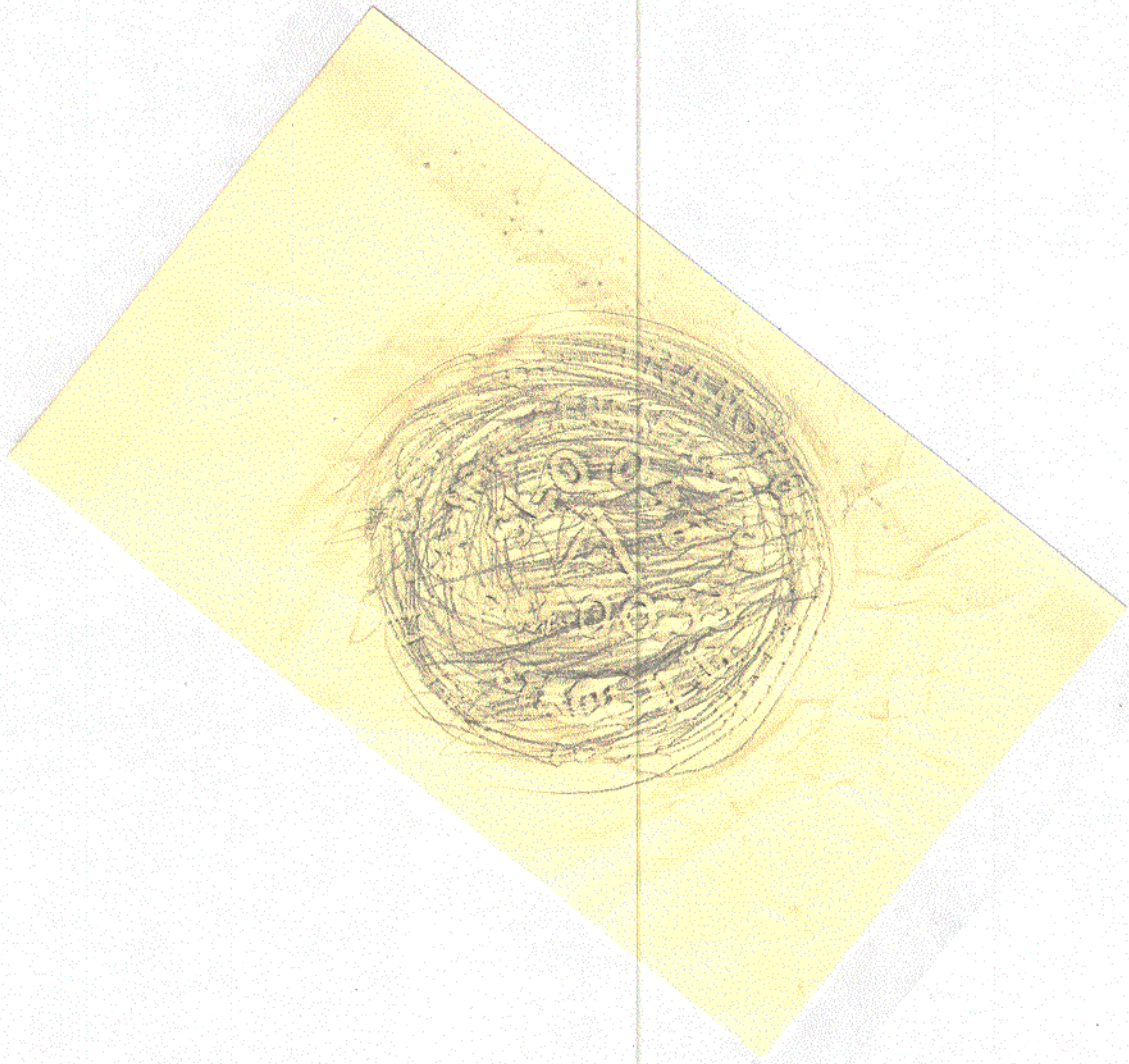
PHOTOGRAPH LOG

Frame # or File name	Description

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

* PDOP WENT UP SO SESSION WAS EXTENDED BY 30 MIN.

Log Checked By: R.B.M.	Date: 8-09-2004
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6-30-2004

OSLG

182 Session 04

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092	
Observation Date: JUNE 30 2004 ✓	Day of Year: 182 ✓	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 Model: Zephyr Geodetic DC: 4315	S/N: 12422830 ✓	

OBSERVATION TECHNIQUE

Static ☒

Session #: 1 ✓	Station Name: MON 1 PM 9.7 ✓	PID: FV2075 ✓ CRPS
4 Character ID: PM97 ✓ File Name(s): PM971821 ✓ 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) 9:45 AM ✓ End Time (UTC) 1645 ✓		
Actual Start Time (Local) 8:59 AM ✓ Start Time (UTC) 1559 ✓ End Time (Local) 9:46 ✓ End Time (UTC) 1646 ✓		

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	1800	5905	1800	5905
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	1800	5905	1800	5905

Antenna plumb before session? (Y/N) <u>Y</u>	Antenna plumb after session? (Y/N) <u>Y</u>	Antenna cable length <u>10 M</u>
Vehicle is parked <u>15</u> meters <u>NW</u> (direction) from antenna and (Above/Below) <u>Below</u>		
Pencil rubbing ☒ or sketch ☐ attached ☒ 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: 8-09-2004
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6-30-2004

PM 97
(MON 1 PM 9.7)

182 Session 01

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092
Observation Date: JUNE 30 2004 ✓	Day of Year: 182 ✓	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 #: 2 ✓	Station Name: B707 ✓	PID: FK0967 ✓
4 Character ID: B707 ✓ File Name(s): B7071822 ✓		
File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled		
Start Time (Local) 11:00 AM ✓	Start Time (UTC) 1800 ✓	End Time (Local) 11:45 AM ✓ End Time (UTC) 1845 ✓
Actual		
Start Time (Local) 10:55 AM ✓	Start Time (UTC) 1755 ✓	End Time (Local) 11:50 ✓ End Time (UTC) 1850 ✓

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	5.905	1.800	5.905
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	5.905	1.800	5.905

Antenna plumb before session? ☒ (Y/N)	Antenna plumb after session? ☒ (Y/N)	Antenna cable length 10
Vehicle is parked 20 meters	E24 (direction) from antenna and (Above/Below)	
Pencil rubbing ☒ or sketch ☐ attached ☒ (Y/N)	If no explain	

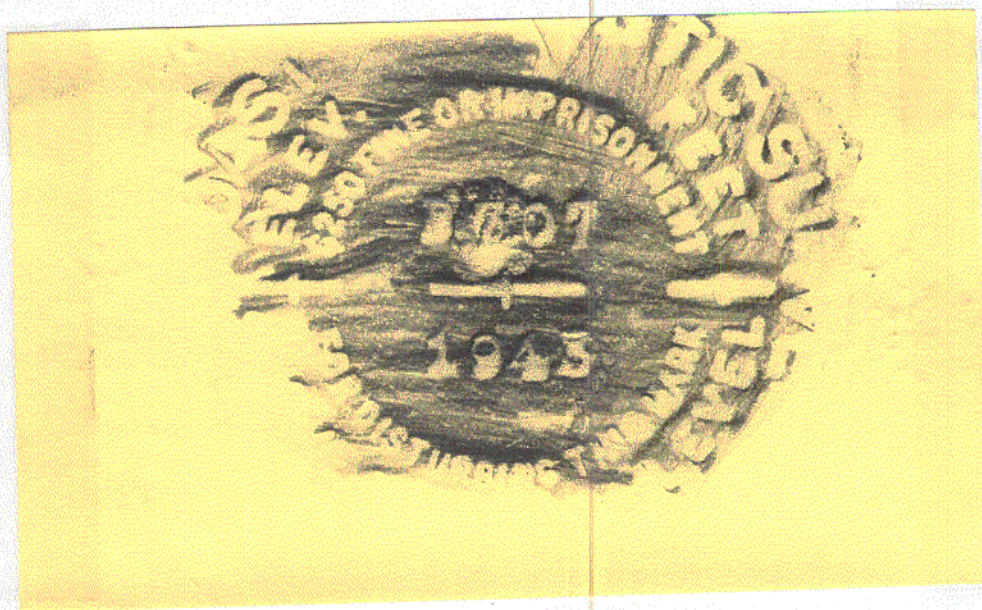
PHOTOGRAPH LOG

Frame # or File name	Description

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

Log Checked By: R.B.M.

Date: 8-09-2004



6-30-2004

B707

182 Session 02

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092
Observation Date: JUNE 30 2004 ✓	Day of Year: 182 ✓	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 Model: Zephyr Geodetic DC: 4315	S/N: 12422830 ✓

OBSERVATION TECHNIQUE

Static ☒

Session #: 3	Station Name: HPGN CA 0507	PID: FV2050
4 Character ID: 0507	File Name(s): 05071823	CAPS
File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled		
Start Time (Local) 1:00 PM	Start Time (UTC) 2000	End Time (Local) 1:45 PM
		End Time (UTC) 2045
Actual		
Start Time (Local) 1249 PM	Start Time (UTC) 1949	End Time (Local) 2:14 PM
		End Time (UTC) 2114

ANTENNA INFORMATION

Fixed Height Tripod ☒	Collapsible Leg Tripod ☐	Other ☐ Describe _____
Tripod #: 5	Tripod Manufacturer: SECW	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	1800	5905	1800	5905
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	1800	5905	1800	5905

Antenna plumb before session? ☒ YN Antenna plumb after session? ☒ YN Antenna cable length 10 M
Vehicle is parked 20 meters NWLY (direction) from antenna and (Above/Below) (Below)
Pencil rubbing ☒ or sketch ☐ attached ☒ YN If no explain _____

PHOTOGRAPH LOG

Frame # or File name	Description

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

Log Checked By: **R.B.m.** Date: **8-09-2004**



6-30-2004

0507

182 Session 03

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092
Observation Date: JUNE 30 2004 ✓	Day of Year: 182 ✓	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 Model: Zephyr Geodetic DC: 4315	S/N: 12422830 ✓

OBSERVATION TECHNIQUE

Static ☒

Session #: 4 ✓	Station Name: HPGN CA 05 07 ✓	PID: FK2050 ✓ CRPS
4 Character ID: 0507 ✓ File Name(s): 05071824 ✓		
File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled		
Start Time (Local) 3:00 PM ✓	Start Time (UTC) 2200 ✓	End Time (Local) 4:15 PM ✓ End Time (UTC) 2315 ✓
Actual		
Start Time (Local) 2:54 PM ✓	Start Time (UTC) 2154 ✓	End Time (Local) 4:21 ✓ End Time (UTC) 2321 ✓

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	5.905	1.800	5.905
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	5.905	1.800	5.905

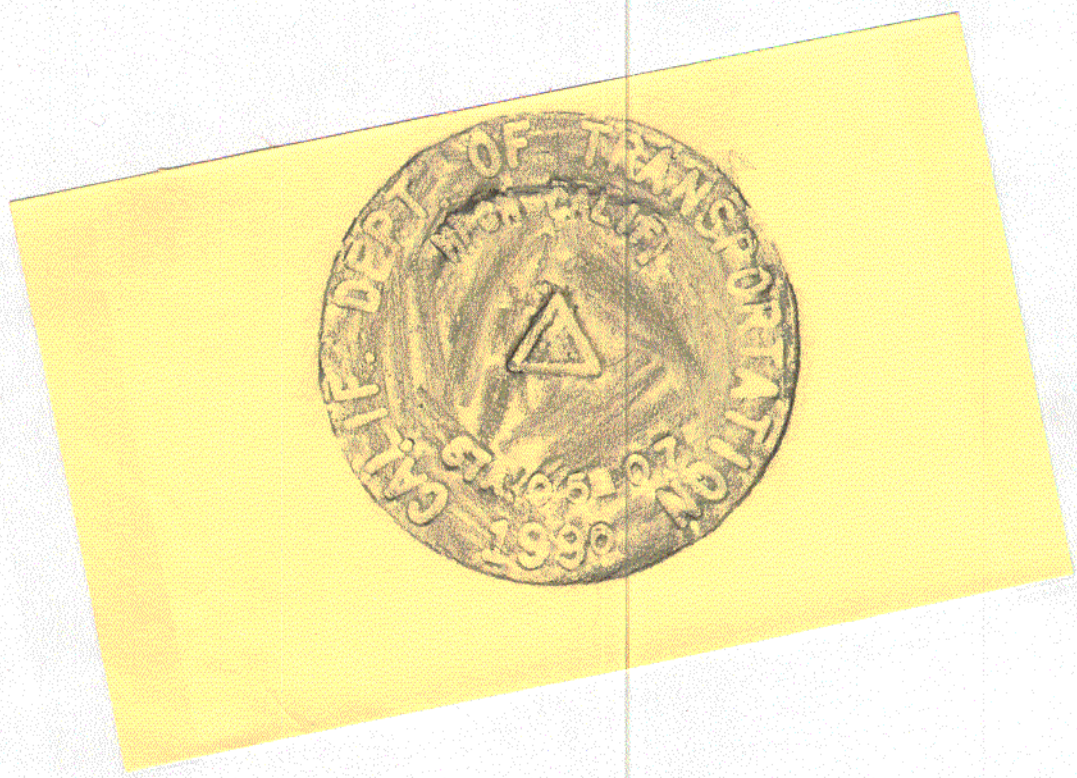
Antenna plumb before session? ☒ (N)	Antenna plumb after session? ☒ (N)	Antenna cable length 10m
Vehicle is parked 20 meters	NWLY (direction) from antenna and (Above/Below)	
Pencil rubbing ☒ or sketch ☐ attached ☒ (N)	If no explain _____	

PHOTOGRAPH LOG

Frame # or File name	Description

Remarks, Weather, Comments on Problems, Sketches, etc. POOR PDOP - ADDED 30 MIN TO SESSION

Log Checked By: R.B.M.	Date: 8-09-2004
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6-30-2004

0507

182 Session 04

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092
Observation Date: 6-30-04 ✓	Day of Year: 182 ✓	EA: 908160
Operator: BOB ZOGATA ✓		Agency: CalTrans - District 05
Receiver #: 8 ✓ P/N: 40406-46	Manufacturer: Trimble Model: 5700 Firmware Version: v 2.01	S/N: 0220308761 ✓
Controller #: 6 ✓ P/N: 45185-10	Manufacturer: Trimble Model: TSCe Firmware Version: Survey Controller v 10.72	S/N: 00028923 ✓
Antenna #: 6 ✓ P/N: 41249-00	Manufacturer: Trimble Model: Zephyr Geodetic DC: 4315 ✓	S/N: 12422923 ✓

OBSERVATION TECHNIQUE

Static ☒

Session #: 1 ✓	Station Name: Y1315 ✓	PID: FV1136 ✓
4 Character ID: Y1315 ✓ File Name(s): Y1311821 ✓ File Name Format = aaaadddd.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) 945 ✓ End Time (UTC) 1645 ✓		
Actual Start Time (Local) 0830 ✓ Start Time (UTC) 1530 ✓ End Time (Local) 945 ✓ End Time (UTC) 1645 ✓		

ANTENNA INFORMATION

Fixed Height Tripod ☒ Collapsible Leg Tripod ☐ Other ☐ Describe _____
 Tripod #: 6 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	1.800	5.9
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	1.800	5.9

Antenna plumb before session? (Y/N) Antenna plumb after session? (Y/N) Antenna cable length 10.9 m
 Vehicle is parked 10 meters WLY (direction) from antenna and (Above/Below)
 Pencil rubbing ☒ or sketch ☐ attached (Y/N) If no explain _____

PHOTOGRAPH LOG

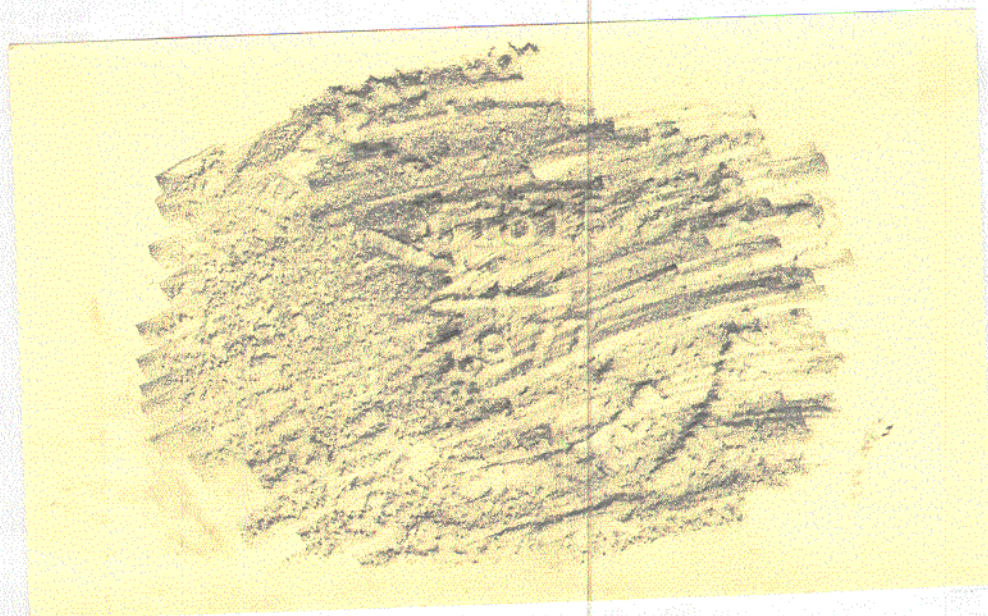
Frame # or File name	Description

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

CLEAR
 &
 NO WIND

Log Checked By: R.B.M.

Date: 8-09-2004



6-30-2004

Y131
(Y 1315)

182 Session 01

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092
Observation Date: 6-30-04 ✓	Day of Year: 182 ✓		EA: 908160
Operator: BOB ZOGATA ✓		Agency: CalTrans - District 05	
Receiver #: 8 ✓ P/N: 40406-46	Manufacturer: Trimble	Model: 5700 Firmware Version: v 2.01	S/N: 0220308761 ✓
Controller #: 6 ✓ P/N: 45185-10	Manufacturer: Trimble	Model: TSCe Firmware Version: Survey Controller v 10.72	S/N: 00028923 ✓
Antenna #: 6 P/N: 41249-00	Manufacturer: Trimble DC: 4315 ✓	Model: Zephyr Geodetic	S/N: 12422923

OBSERVATION TECHNIQUE

Static ☒

Session #: 2 ✓	Station Name: Y1315 ✓	PID: FV1136 ✓
4 Character ID: Y131 ✓ File Name(s): Y1311822 ✓		
File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled		
Start Time (Local) 1100 ✓	Start Time (UTC) 1800 ✓	End Time (Local) 1145 ✓ End Time (UTC) 1845 ✓
Actual		
Start Time (Local) 1005 ✓	Start Time (UTC) 1705 ✓	End Time (Local) 1145 ✓ End Time (UTC) 1845 ✓

ANTENNA INFORMATION

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

Tripod #: 6 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	1.800	5.9
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	5.900	1.800	5.9

Antenna plumb before session? (Y/N) Antenna plumb after session? (Y/N) Antenna cable length 10.2m

Vehicle is parked 10.2 meters WLY (direction) from antenna and (Above/Below)

Pencil rubbing ☒ or sketch ☐ attached (Y/N) If no explain _____

PHOTOGRAPH LOG

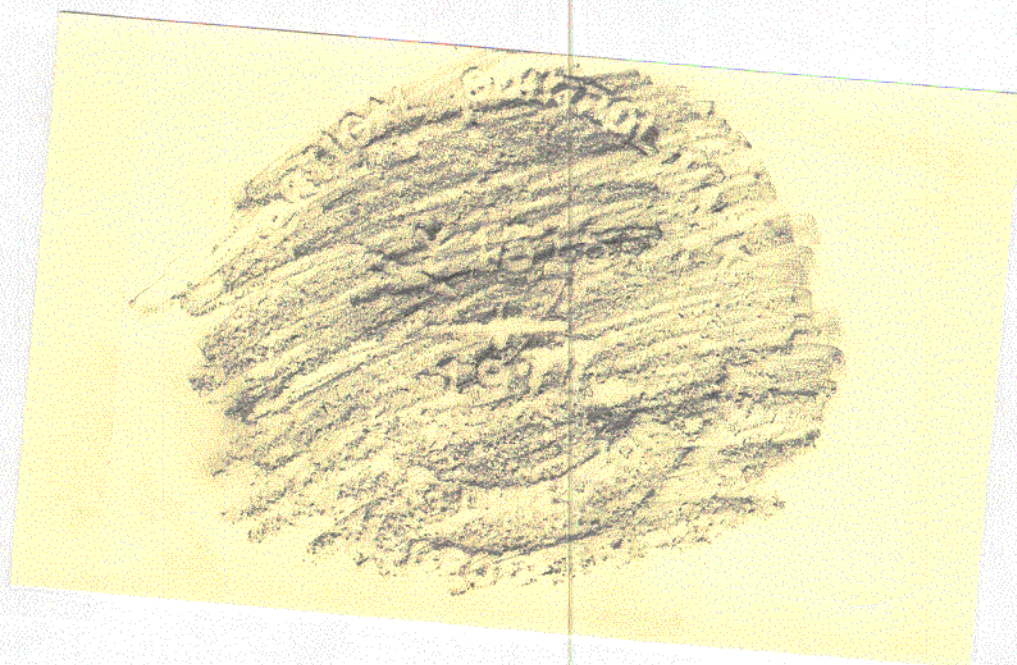
Frame # or File name	Description

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

clear
f
warm

Log Checked By: R.B.M.

Date: 8-09-2004



6-30-2004

Y131
(Y 1315)

182 Session 02

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092
Observation Date: 6-30-04 ✓	Day of Year: 182 ✓		EA: 908160
Operator: BOB ZOGATA ✓		Agency: CalTrans - District 05	
Receiver #: 8 ✓	Manufacturer: Trimble	Model: 5700	S/N:
P/N: 40406-46		Firmware Version: v 2.01	0220308761 ✓
Controller #: 6 ✓	Manufacturer: Trimble	Model: TSCe	S/N: 00028923 ✓
P/N: 45185-10		Firmware Version: Survey Controller v 10.72	
Antenna #: 6 ✓	Manufacturer: Trimble	Model: Zephyr Geodetic	S/N:
P/N: 41249-00	DC: 4315 ✓		12422923 ✓

OBSERVATION TECHNIQUE

Static ☒

Session #: 3 ✓	Station Name: WINDSOR ✓	PID: none (new)
4 Character ID: WIND ✓ File Name(s): WIND1823 ✓		
File Name Format = aaaadddd.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled		
Start Time (Local) 100 ✓	Start Time (UTC) 2000 ✓	End Time (Local) 145 ✓ End Time (UTC) 2045 ✓
Actual		
Start Time (Local) 1245 ✓	Start Time (UTC) 1945 ✓	End Time (Local) 145 ✓ End Time (UTC) 2045 ✓

ANTENNA INFORMATION

Fixed Height Tripod ☒	Collapsible Leg Tripod ☐	Other ☐ Describe _____
Tripod #: 6	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	1.800	5.9
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	1.800	5.9

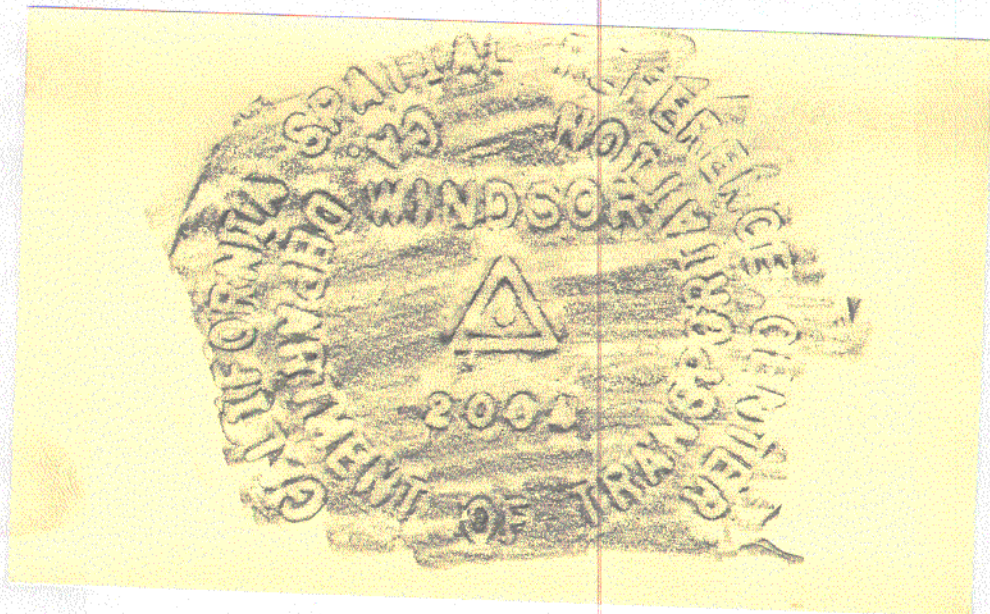
Antenna plumb before session? (Y/N) (Y) ✓	Antenna plumb after session? (Y/N) (Y) ✓	Antenna cable length 10 m
Vehicle is parked 20 meters	SRLY (direction) from antenna and (Above/Below)	
Pencil rubbing ☒ or sketch ☐ attached (Y/N) (Y) ✓	If no explain _____	

PHOTOGRAPH LOG

Frame # or File name	Description

Remarks, Weather, Comments on Problems, Sketches, etc.
Cloudy NO WIND

Log Checked By: R.B.M.	Date: 8-09-2004
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6-30-2004

WIND

182 Session 03

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092
Observation Date: 6-30-04 ✓	Day of Year: 182 ✓		EA: 908160
Operator: BOB ZOGATA ✓		Agency: CalTrans - District 05	
Receiver #: 8 ✓ P/N: 40406-46	Manufacturer: Trimble	Model: 5700 Firmware Version: v 2.01	S/N: 0220308761 ✓
Controller #: 6 ✓ P/N: 45185-16	Manufacturer: Trimble	Model: TSCe Firmware Version: Survey Controller v 10.72	S/N: 00028923 ✓
Antenna #: 6 ✓ P/N: 41249-00	Manufacturer: Trimble DC: 4315 ✓	Model: Zephyr Geodetic	S/N: 1242298 ✓

OBSERVATION TECHNIQUE

Static ☒

Session #: 4 ✓	Station Name: RETAIN ✓	PID: none (new)
4 Character ID: RETA ✓ File Name(s): RETA1824 ✓ File Name Format = aaaadddd.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled Start Time (Local) 300 ✓ Start Time (UTC) 2200 ✓ End Time (Local) 16:15 End Time (UTC) 23:15		
Actual Start Time (Local) 240 ✓ Start Time (UTC) 2140 ✓ End Time (Local) 15:45 End Time (UTC) 22:45		

ANTENNA INFORMATION

Fixed Height Tripod ☒	Collapsible Leg Tripod ☐	Other ☐ Describe _____
Tripod #: 6	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	1.800	5.9
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	1.800	5.9

Antenna plumb before session? (Y/N) Antenna plumb after session? (Y/N) Antenna cable length 10m
 Vehicle is parked 20 meters ELY (direction) from antenna and (Above/Below)
 Pencil rubbing ☒ or sketch ☐ attached (Y/N) If no explain _____

PHOTOGRAPH LOG

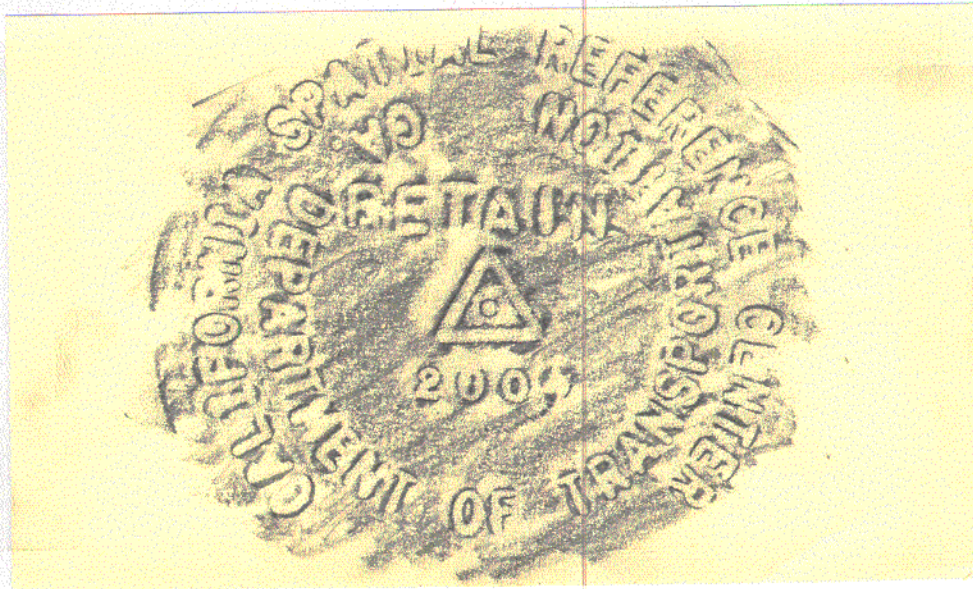
Frame # or File name	Description

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

CLEAR
 &
 Some wind

Log Checked By: R.B.M.

Date: 8-09-2004



6-30-2004

RETA

182 Session 04

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092
Observation Date: 6-30-04 ✓	Day of Year: 182 ✓	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 #: 1 ✓	Station Name: Q1315 ✓	PID: FV1141 ✓ Edit
4 Character ID: Q131 ✓ Edit File Name(s): Q1311821 ✓		
File Name Format = aaaaddd.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) 9:45 AM ✓	End Time (UTC) 1645 ✓
Actual			
Start Time (Local) 8:50 AM ✓	Start Time (UTC) 1550 ✓	End Time (Local) 9:45 AM ✓	End Time (UTC) 1645 ✓

ANTENNA INFORMATION

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

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

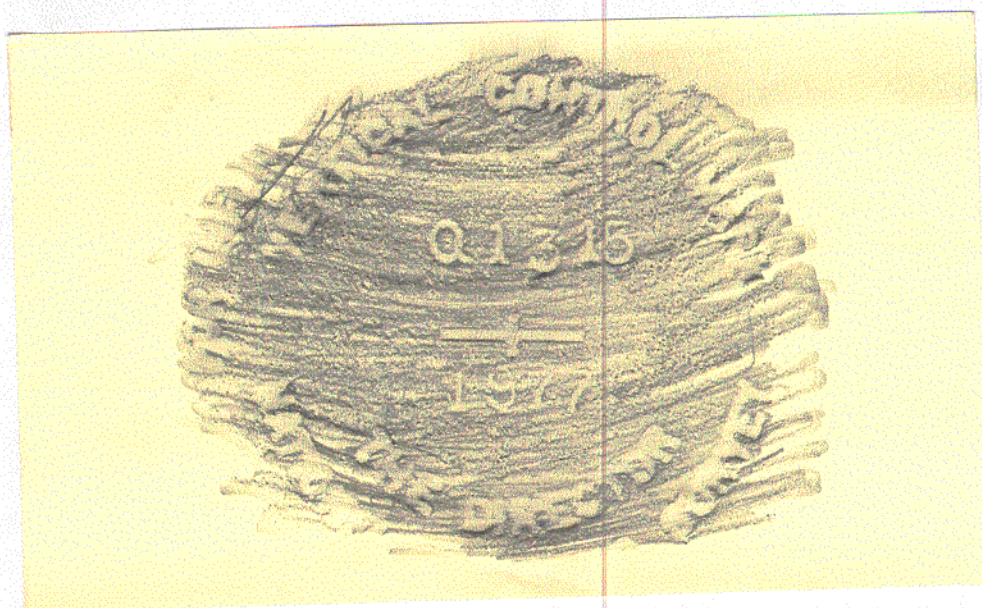
Antenna plumb before session? (Y/N) Y	Antenna plumb after session? (Y/N) Y	Antenna cable length 10 M
Vehicle is parked 100 meters	NNE (direction) from antenna and (Above/Below)	
Pencil rubbing ☒ or sketch ☐ attached (Y/N) Y	If no explain	

PHOTOGRAPH LOG

Frame # or File name	Description

Remarks, Weather, Comments on Problems, Sketches, etc. PTLY CLOUDY, CALM
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Log Checked By: R.B.M.	Date: 8-09-2004
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6-30-2004

Q131
(Q 1315)

182 Session 01

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092
Observation Date: 6-30-04 ✓	Day of Year: 182 ✓		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 #: 2 ✓	Station Name: Q1315 ✓	PID: FV1141 ✓ Edit
4 Character ID: Q131 ✓ Edit File Name(s): Q1311822 ✓		
File Name Format = aaaadddd.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled		
Start Time (Local) 11:20 AM ✓	Start Time (UTC) 1800 ✓	End Time (Local) 11:45 AM ✓ End Time (UTC) 1845 ✓
Actual		
Start Time (Local) 10:57 AM ✓	Start Time (UTC) 1757 ✓	End Time (Local) 11:45 AM ✓ End Time (UTC) 1845 ✓

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

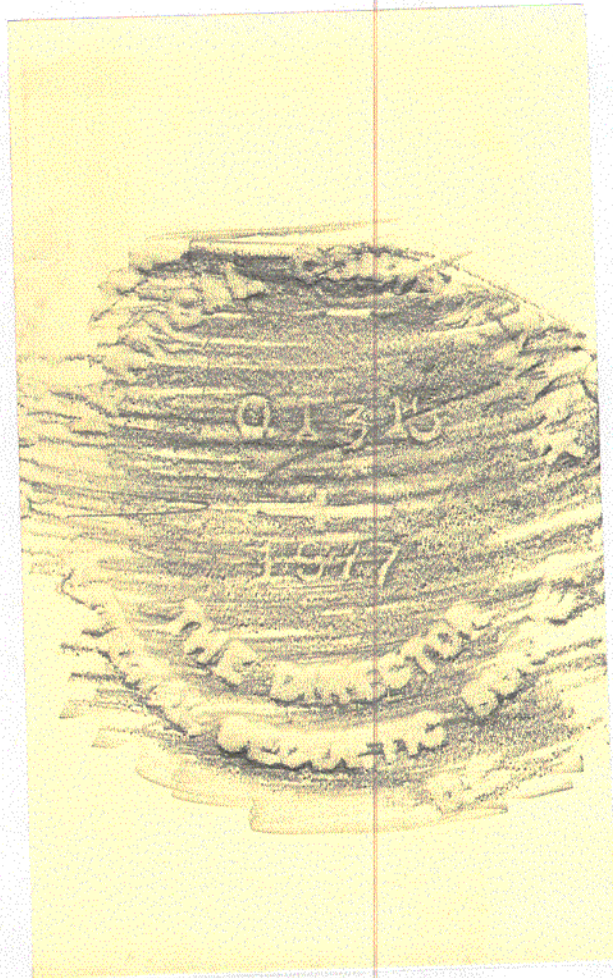
Antenna plumb before session? (Y/N) (Y)	Antenna plumb after session? (Y/N) (Y)	Antenna cable length 10 m
Vehicle is parked 100 meters	NNE (direction) from antenna and (Above/Below)	
Pencil rubbing ☒ or sketch ☐ attached (Y/N) (Y)	If no explain	

PHOTOGRAPH LOG

Frame # or File name	Description

Remarks, Weather, Comments on Problems, Sketches, etc. PTLY CLOUDY, CALM
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Log Checked By: R.B.M.	Date: 8-09-2004
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6-30-2004

Q131
(Q 1315)

182 Session 02

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092
Observation Date: 6-30-04 ✓	Day of Year: 182 ✓	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 #: 3 ✓	Station Name: NEGRANT1 ✓	PID: NONE
4 Character ID: NEGR ✓ Edit File Name(s): NEGR 182 3 ✓		
File Name Format = aaaaddd.sxxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		

Scheduled			
Start Time (Local): 1:00 PM ✓	Start Time (UTC): 2000 ✓	End Time (Local): 1:45 PM ✓	End Time (UTC): 2045 ✓
Actual			
Start Time (Local): 12:55 PM ✓	Start Time (UTC): 1955 ✓	End Time (Local): 1:45 PM ✓	End Time (UTC): 2045 ✓

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? ☒ (N)	Antenna plumb after session? ☒ (N)	Antenna cable length: 10 m
Vehicle is parked 40 meters	5 (direction) from antenna and (Above/Below)	
Pencil rubbing ☒ or sketch ☐ attached ☒ (N)	If no explain	

PHOTOGRAPH LOG

Frame # or File name	Description

Remarks, Weather, Comments on Problems, Sketches, etc. OVERCAST, LIGHT S'LY BREEZE
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Log Checked By: R.B.M.	Date: 8-09-2004
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6-30-2004

NEGR

182- Session 03

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092
Observation Date: 6-30-04 ✓	Day of Year: 182 ✓	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 #: 4 ✓	Station Name: NEGRANT1 ✓	PID: NoNE ✓
4 Character ID: NEGR ✓ Edit File Name(s): NEGR 182 4 ✓ File Name Format = aaaaddd.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled Start Time (Local) 3:00 PM ✓ Start Time (UTC) 2200 ✓ End Time (Local) 3:45 PM 4:15 ✓ End Time (UTC) 2245 23:15 ✓		
Actual Start Time (Local) 3:00 PM ✓ Start Time (UTC) 2200 ✓ End Time (Local) 4:15 PM ✓ End Time (UTC) 2315 ✓		

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) Antenna plumb after session? (Y/N) Antenna cable length 10m
 Vehicle is parked 40 meters 5 (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.

Log Checked By: R.B.M. Date: 8-09-2004



6-30-2004

NEGR

182 Session 04