

J.D. 183 (07-01-2004)

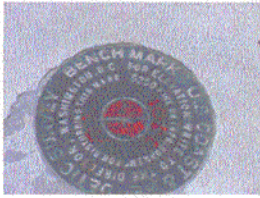
Session 01 07:13 - 09:57

Session 02 10:41 - 11:48

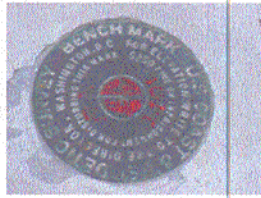
Session 03 12:01 - 13:48



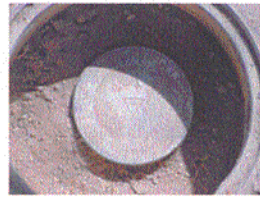
TID51831A.JPG



TID51831B.JPG



TID51831C.JPG



05LL1832A.JPG



05LL1832B.JPG



05LL1832C.JPG



05LL1832D.JPG



05LL1833A.JPG

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092	
Observation Date: 7-1-04 ✓		Day of Year: 183 ✓		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: 12200511 ✓	

OBSERVATION TECHNIQUE

Static ☒

Session #: 1 ✓	Station Name: TIDAL 5 ✓	PID: FV 0401 ✓
4 Character ID: TID5 ✓ File Name(s): TID51831.DAT ✓ 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) 9:45 AM ✓	End Time (UTC) 1645 ✓
Actual			
Start Time (Local) 7:51 AM ✓	Start Time (UTC) 1451 ✓	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): RED	

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 30 meters SE'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
100-0071	TID51831C.jpg

Remarks, Weather, Comments on Problems, Sketches, etc. DISREGARD FIRST 5 minutes of SESSION (BUMPED SETUP SLIGHTLY OUT OF PLUMB AND RESET IT WITHOUT RESTARTING).

Log Checked By: R.B.M.	Date: 8-10-2004
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SEE
BACK
OF LOG
SHEET



GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092
Observation Date: 7-1-04 ✓	Day of Year: 183 ✓		EA: 908160
Operator: R.E. BROWN ✓			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 #: 2 ✓	Station Name: ^{HPGN B CA} 05LL ✓	PID: FV 2069 ✓
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4 Character ID: 05LL ✓ File Name(s): 05LL1832.DAT ✓

CAPS

File Name Format = aaaaddss.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) 10:47 AM ✓ Start Time (UTC) 1747 ✓ 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.	

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 15 meters NLY (direction) from antenna and ~~Above~~ Below

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

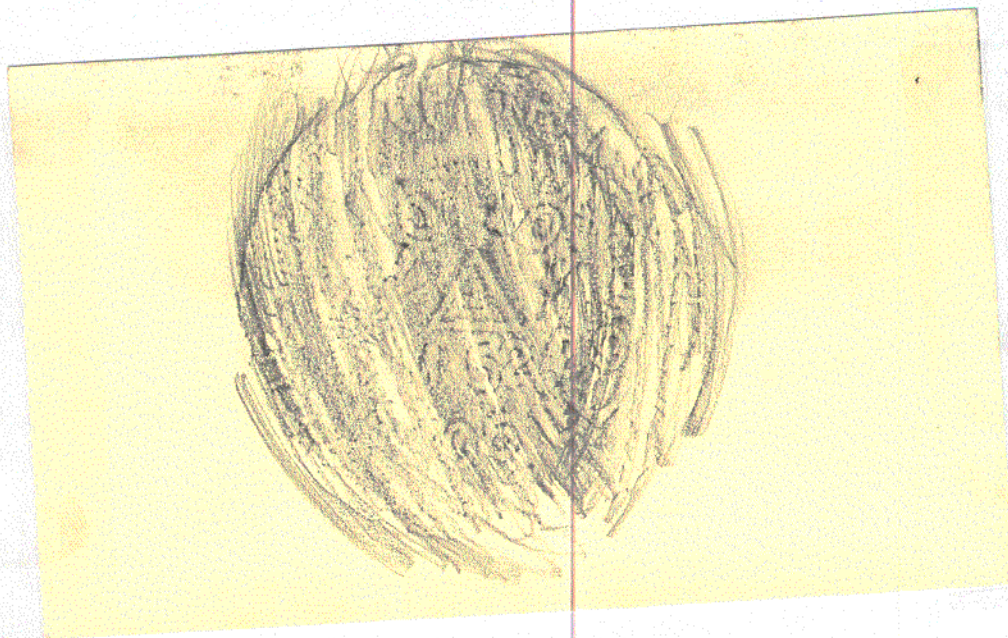
PHOTOGRAPH LOG

Frame # or File name	Description
100 - 0075	ALUM. DISK IN WELL @ TEMPLETON MAINT. YARD
	05LL1832D.jpg

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

Log Checked By: R.B.M.

Date: 8-10-2004



7-01-2004

05LL

183 Session 02

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092
Observation Date: 7-1-04 ✓	Day of Year: 183 ✓	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: HPGN D CA 05LL ✓	PID: FV 2069 ✓ CRPS
4 Character ID: 05LL ✓ File Name(s): 05LL1833.DAT ✓		
File Name Format = aaaadds.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) 12:02 PM ✓	Start Time (UTC) 1900 ✓	End Time (Local) 1:45 PM ✓	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): REB	

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

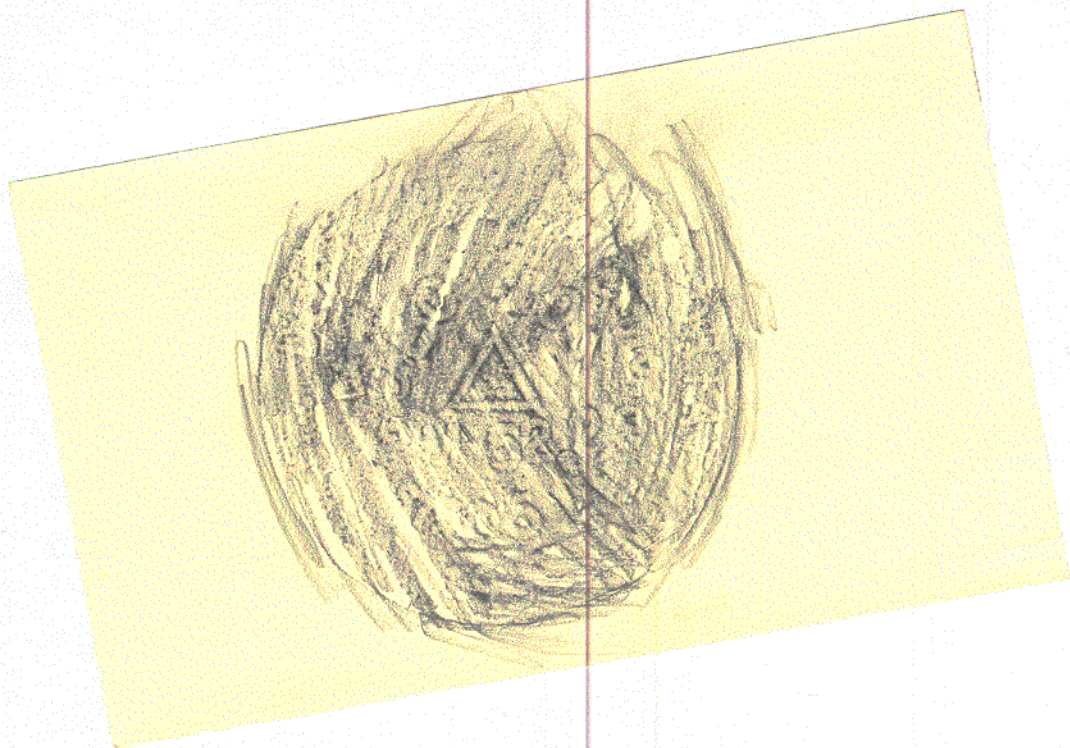
Antenna plumb before session? ☒ (Y/N)	Antenna plumb after session? ☒ (Y/N)	Antenna cable length 10m
Vehicle is parked 15 meters	NLY (direction) from antenna and (Above/Below)	
Pencil rubbing ☒ or sketch ☐ attached ☒ (Y/N)	If no explain	

PHOTOGRAPH LOG

Frame # or File name	Description
100-0076	ALUM. DISK IN WELL @ TEMPLETON MAINT. YARD
	05LL1833A.jpg

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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7-01-2004

05LL

183 Session 03



jd183 001.jpg



jd183 002.jpg



jd183 003.jpg



jd183 004.jpg



jd183 005.jpg



jd183 006.jpg



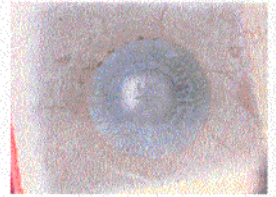
jd183 007.jpg



jd183 008.jpg



jd183 009.jpg



jd183 010.jpg

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092
Observation Date: 7-01-2004 ✓	Day of Year: 183 ✓	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: 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 #: 1 ✓	Station Name: HPGN D CA 05 HK ✓	PID: FV 2065 ✓
4 Character ID: 05HK ✓ File Name(s): 05HK1831 ✓		
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) 09:45 ✓	End Time (UTC) 16:45 ✓
Actual			
Start Time (Local) 08:05 ✓	Start Time (UTC) 15:05 ✓	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 11 ± meters S'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 & 4	Overall shots of Setup. Looking N'ly

Remarks, Weather, Comments on Problems, Sketches, etc. Clear, mild, calm	Beg. PDOP 2.3, 08:40 PDOP 1.9, 09:00 PDOP 1.5, 09:25 PDOP 1.6, End PDOP 3.3
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: 7-01-2004 ✓	Day of Year: 183 ✓	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: 0440 100 986 ✓
Controller #: A ✓ P/N: 45185-10 ✓	Manufacturer: Trimble Model: TSCE Firmware Version: Survey Controller v 10.72	S/N: 000 26 155 ✓
Antenna #: 2 ✓ P/N: 41249-00	Manufacturer: Trimble Model: Zephyr Geodetic DC: 4126 ✓	S/N: 11884506 ✓

OBSERVATION TECHNIQUE Static ☒

Session #: 2 ✓	Station Name: GWM 33 Reset USGS ✓	PID: FV1057 ✓
4 Character ID: GWM3 ✓ File Name(s): GWM31832 ✓ File Name Format = aaaadddd.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) 10:48 ✓ Start Time (UTC) 17:48 ✓ End Time (Local) 11:47 ✓ End Time (UTC) 18:47 ✓		

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 21 ± meters S'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
5	Overall of Setup looking N'ly
6	Overall of Setup looking E'ly
7	Overall of Setup looking NW'ly showing relation of sign
8	Close-up of monument

Remarks, Weather, Comments on Problems, Sketches, etc. Clear, warm, breezy	Beg. PDOP 2.2, 11:25 PDOP 1.8,
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: 7-01-2004 ✓	Day of Year: 183 ✓	EA: 908160
Operator: R.B. MacKenzie III ✓		Agency: CalTrans – District 05
Receiver #: Z ✓ 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 #: Z ✓ P/N: 41249-00	Manufacturer: Trimble Model: Zephyr Geodetic DC: 4126 ✓	S/N: 11884506 ✓

OBSERVATION TECHNIQUE

Static ☒

Session #: 3 ✓	Station Name: Z 154 ✓	PID: FV 0091 ✓
4 Character ID: Z154 ✓ File Name(s): Z1541833 ✓ 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) 12:50 ✓ Start Time (UTC) 19:50 ✓ End Time (Local) 13:46 ✓ End Time (UTC) 20:46 ✓		

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 20 ± meters E'ly (direction) from antenna and (Above/Below) Below
 Pencil rubbing ☐ or sketch ☐ attached (Y/N) If no explain Photo Taken

PHOTOGRAPH LOG

Frame # or File name	Description
9 & 10	Close-up of monument

Remarks, Weather, Comments on Problems, Sketches, etc. Clear, warm, calm	Beg PDOP 3.6, 13:20 PDOP 1.9
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: 7-1-04 ✓	Day of Year: 183 ✓	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: 0940100467 ✓
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: HPGND05KL ✓	PID: FV2067 ✓ CRPS
4 Character ID: 05KL ✓ File Name(s): 05KL1831 ✓		
File Name Format = aaaaddss.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) 7:13 ✓	Start Time (UTC) 1413 ✓	End Time (Local) 9:44 ✓	End Time (UTC) 1645 ✓

ANTENNA INFORMATION

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

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 15 meters Westerly (direction) from antenna and (Above/Below)

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

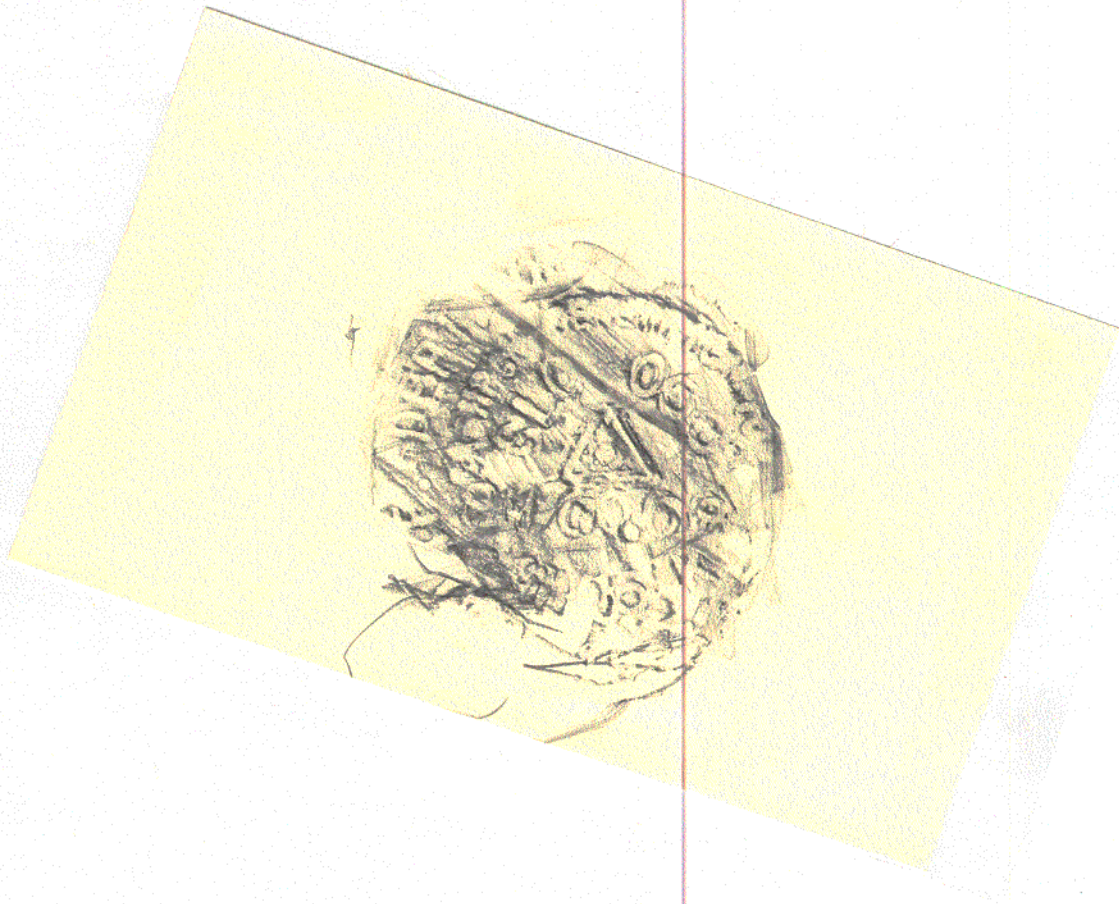
PHOTOGRAPH LOG

Frame # or File name	Description

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

Log Checked By: R.B.M.

Date: 8-10-2004



7-01-2004

05 KL

183 Session 01

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092
Observation Date: 7-1-04 ✓	Day of Year: 183 ✓	EA: 908160
Operator: L. Scott ✓		Agency: CalTrans – District 05
Receiver #: 3 ✓	Manufacturer: Trimble	Model: 5700 S/N: 0440100467 ✓
P/N: 40406-46		Firmware Version: v 2.01
Controller #: 13 ✓	Manufacturer: Trimble	Model: TSCE S/N: 00031555 ✓
P/N: 45185-10 ✓		Firmware Version: Survey Controller v 10.72
Antenna #: 3 ✓	Manufacturer: Trimble	Model: Zephyr Geodetic S/N: 12234994 ✓
P/N: 41249-00	DC: 4124 ✓	

Static ☒

Session #: 2 ✓ Station Name: K707 ✓ PID: FV1032 ✓

4 Character ID: K707 ✓ File Name(s): K7071832 ✓

File Name Format = aaaaddss.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension

Start Time (Local) 11:00 ✓ Start Time (UTC) 1800 ✓ End Time (Local) 11:45 ✓ End Time (UTC) 1845 ✓

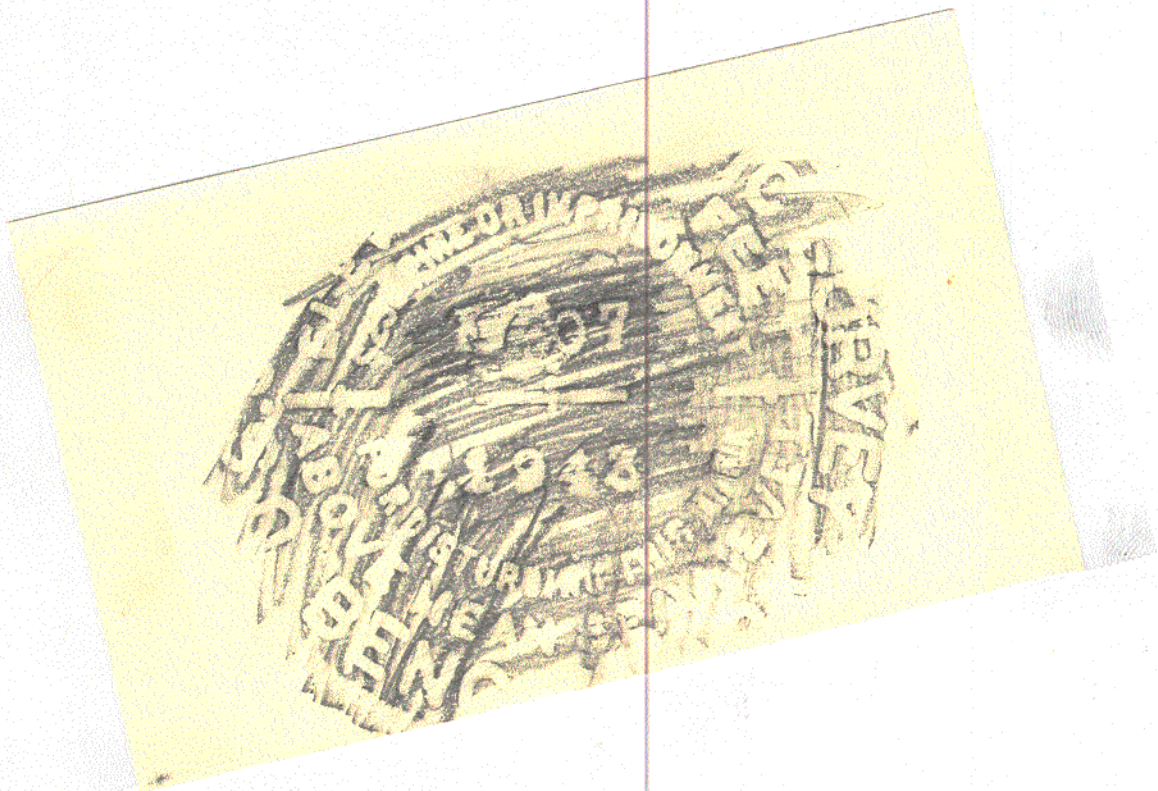
Actual	11:44	11:44	11:45
Start Time (Local)	10:29	Start Time (UTC)	17:29
		End Time (Local)	11:45
		End Time (UTC)	

Fixed Height Tripod ☒ Collapsible Leg Tripod ☐ Other ☐ Describe _____
 Tripod #: 3 Tripod Manufacturer: SRC 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 15 meters Southerly (direction) from antenna and (Above/Below)
 Pencil rubbing ☒ or sketch ☐ attached (Y/N) If no explain

Frame # or File name	Description
<u>JD183</u> Rec. #3 Session 2 only 4 kb No usable data	
Remarks, Weather, C	
Log Checked By: R.B.M.	Date: 8-10-2004



7-01-2004

K707

183 Session 02

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092
Observation Date: 7-1-04 ✓	Day of Year: 183 ✓	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: HPGN D 05ML ✓	PID: FV 2070 ✓
4 Character ID: 05ML ✓ File Name(s): 05ML1833 ✓		
File Name Format = aaaaddss.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled 2000 1:00 ✓	Start Time (Local) 1926 ✓	Start Time (UTC) 2000 ✓
End Time (Local) 1:45 ✓	End Time (UTC) 2045 ✓	
Actual		
Start Time (Local) 12:26 ✓	Start Time (UTC) 1926 ✓	End Time (Local) 1:45 ✓
End Time (UTC) 2045 ✓		

ANTENNA INFORMATION

Fixed Height Tripod ☒	Collapsible Leg Tripod ☐	Other ☐ Describe _____
Tripod #: 3	Tripod Manufacturer: SGO	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 10 meters	NORTHERLY (direction) from antenna and (Above/Below)	
Pencil rubbing ☒ or sketch ☐ attached (Y/N) (Y)	If no explain _____	

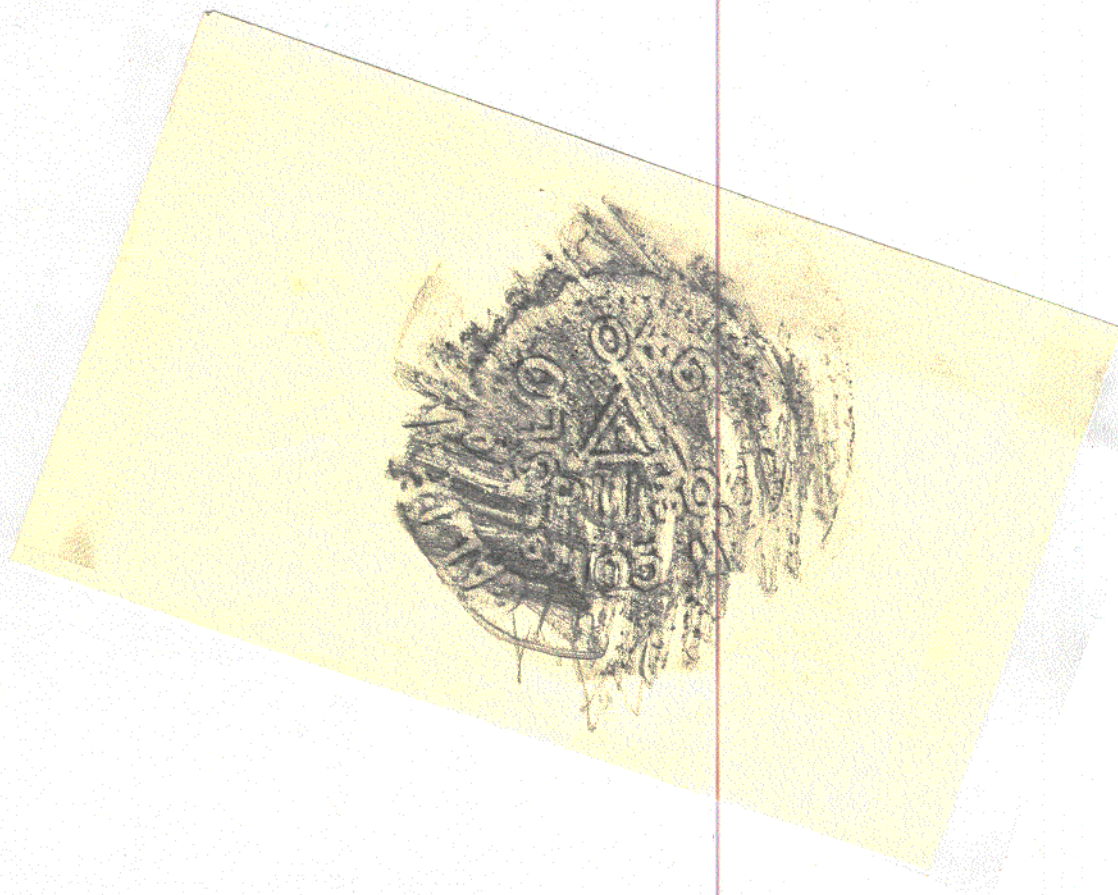
PHOTOGRAPH LOG

Frame # or File name	Description

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

Log Checked By: R.B.M.

Date: 8-10-2004



7-01-2004

05ML

183 Session 03

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092
Observation Date: 7-1-04 ✓	Day of Year: 183 ✓	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: 02202A7368
Controller #: 4c ✓ P/N: 45185-16	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 S

OBSERVATION TECHNIQUE

Static ☒

Session #: 1 ✓	Station Name: U1450 ✓	PID: FV1972 ✓
4 Character ID: U145 ✓ Edit File Name(s): U1451831 ✓ File Name Format = aaaadddd.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) 8:27 ✓ Start Time (UTC) 1527 ✓ 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		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		2.00	

Antenna plumb before session? (Y/N) Antenna plumb after session? (Y/N) Antenna cable length 10M
 Vehicle is parked 30 meters SOUTH (direction) from antenna and (Above/Below)
 Pencil rubbing ☐ or sketch ☐ attached (Y/N) If no explain NO DISK! RUBBING OF I.D. FROM LID RIM.

PHOTOGRAPH LOG

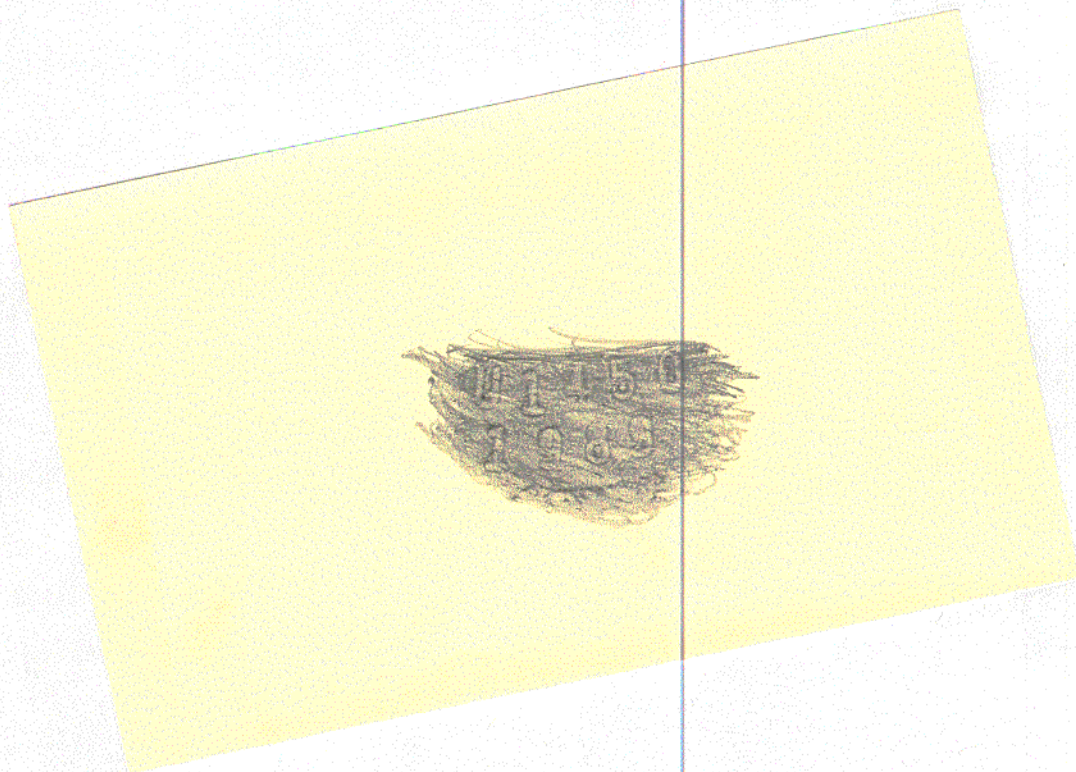
Frame # or File name	Description
	* NO DISK FOR RUBBING. THERE IS ONLY A STAINLESS STEEL ROD WITH A ROUNDED TOP. I TOOK A RUBBING OF POINT I.D. FROM THE RIM OF THE LID. I USED ROD SLEEVE TO CENTER THE TIP OF THE ROD ON THE MONUMENT ROD. THE SLEEVE WAS PROVIDED BY DON D'ONOFRIO.

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

USED ROD SLEEVE TO CENTER ROD TIP ON TOP OF MONUMENT ROD.
 SLEEVE FROM DON D'ONOFRIO (CSRC)

Log Checked By: R.B.M.

Date: 8-10-2004



7-01-2004

U145

183 Session 01

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092
Observation Date: 7-1-04 ✓	Day of Year: 183 ✓	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: 62202 47368
Controller #: 4c ✓ P/N: 45185-10	Manufacturer: Trimble Model: TSCc Firmware Version: Survey Controller v 10.72	S/N: 000 31569 ✓
Antenna #: 4 ✓ P/N: 41249-00	Manufacturer: Trimble Model: Zephyr Geodetic DC: 4126 ✓	S/N: 12200 380

OBSERVATION TECHNIQUE

Static ☒

Session #: 2 ✓	Station Name: U1450 ✓	PID: FV1972 ✓
4 Character ID: U145 ✓ Edit File Name(s): U1451932 ✓ CAPS		
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) 11:00 ✓	Start Time (UTC) 1800 ✓	End Time (Local) 11:45 ✓	End Time (UTC) 1845 ✓

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		0	
H = Antenna Height = A+B = Datum Point to Antenna Reference Point (ARP) Note: ARP is Bottom of Antenna Mount	2.00		2.00	

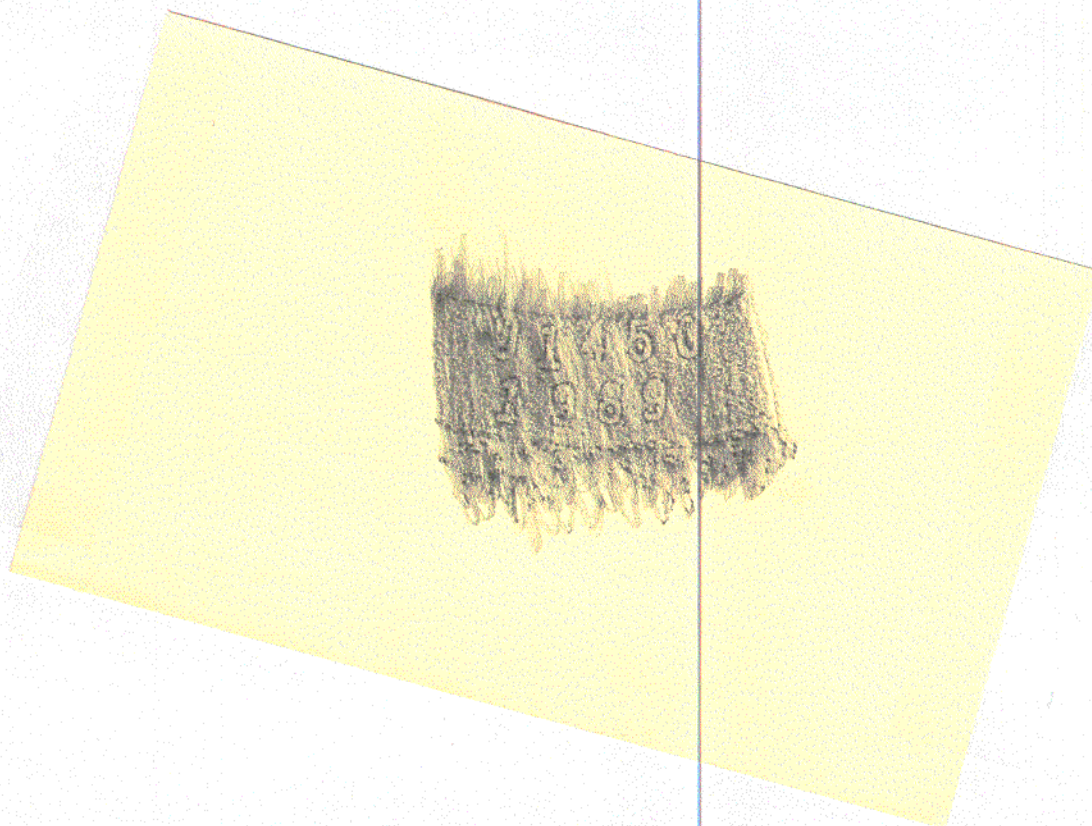
Antenna plumb before session? (Y/N) ☒	Antenna plumb after session? (Y/N) ☒	Antenna cable length 10 M
Vehicle is parked 30 meters	WEST (direction) from antenna and (Above/Below)	
Pencil rubbing ☐ or sketch ☐ attached (Y/N) ☒	If no explain NO DISK! RUBBING OF I.D. FROM LID RIM	

PHOTOGRAPH LOG

Frame # or File name	Description
	X NO DISK FOR RUBBING. THERE IS ONLY A STAINLESS STEEL ROD WITH A ROUNDED TOP I TOOK A RUBBING OF POINT I.D. FROM THE RIM OF THE LID. I USED ROD SLEEVE TO CENTER THE TIP OF THE ROD ON THE MONUMENT ROD. THE SLEEVE WAS PROVIDED BY DON DONOFRIO (CSRC)

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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7-01-2004

U145
~~U145~~
(U 1450)

183 Session 02

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092	
Observation Date: 7-1-04 ✓		Day of Year: 183 ✓		EA: 908160
Operator: KEITH ALBERT FORSBERG ✓			Agency: CalTrans - District 05	
Receiver #: A ✓	Manufacturer: Trimble	Model: 5700	S/N: 0220247368	
P/N: 40406-46	Firmware Version: v 2.01			
Controller #: AC ✓	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: 4126 ✓			

OBSERVATION TECHNIQUE

Static ☒

Session #: 3 ✓	Station Name: GARRISON RESET ✓	PID: FV1805 ✓
4 Character ID: GARR ✓ Edit File Name(s): GARR1833 ✓ CAPS		
File Name Format = aaaaddss.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) 1845 ✓
Actual			
Start Time (Local) 12:43 ✓	Start Time (UTC) 1943 ✓	End Time (Local) 1:45 ✓	End Time (UTC) 1845 ✓

ANTENNA INFORMATION

Fixed Height Tripod ☒	Collapsible Leg Tripod ☐	Other ☐ Describe _____
Tripod #: A	Tripod Manufacturer: SECO	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	2.00		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		2.00	

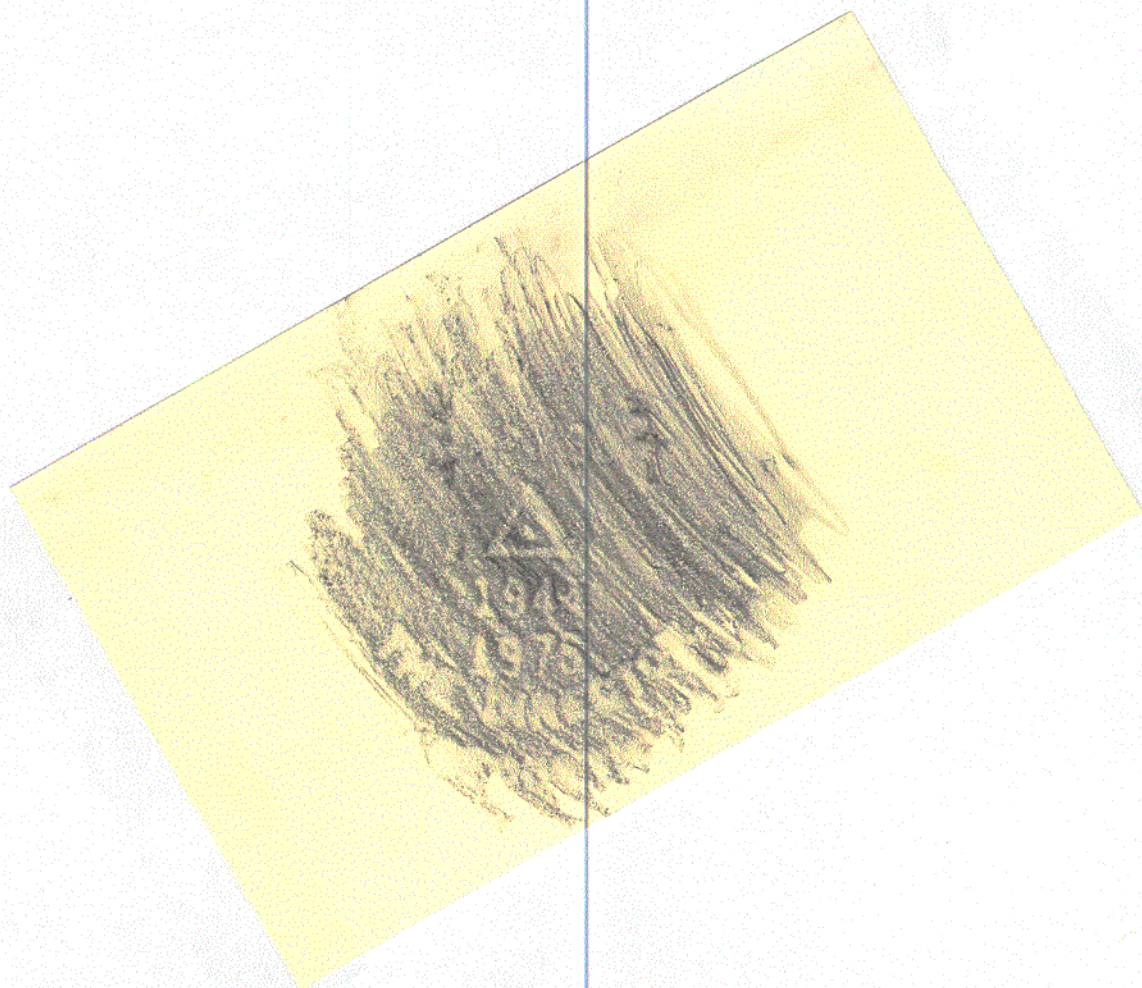
Antenna plumb before session? (Y/N) (Y) ✓	Antenna plumb after session? (Y/N) (Y) ✓	Antenna cable length 10M
Vehicle is parked / 30 meters WEST (direction) from antenna and (Above/Below)		
Pencil rubbing ☒ or sketch ☐ attached (Y/N) (Y) ✓ If no explain _____		

PHOTOGRAPH LOG

Frame # or File name	Description

Remarks, Weather, Comments on Problems, Sketches, etc.
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Log Checked By: R.B.M.	Date: 8-10-2004
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7-01-2004

GARR

183 Session 03

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092
Observation Date: JULY 01 2004 ✓	Day of Year: 183 ✓	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: SLO 101 PM 46.87 ✓	PID: FV2077 ✓
4 Character ID: PM46 ✓ File Name(s): PM461831 ✓		
File Name Format = aaaaddss.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) 0945 ✓	End Time (UTC) 1645 ✓
Actual			
Start Time (Local) 0853 ✓	Start Time (UTC) 1553 ✓	End Time (Local) 0956 ✓	End Time (UTC) 1656 ✓

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

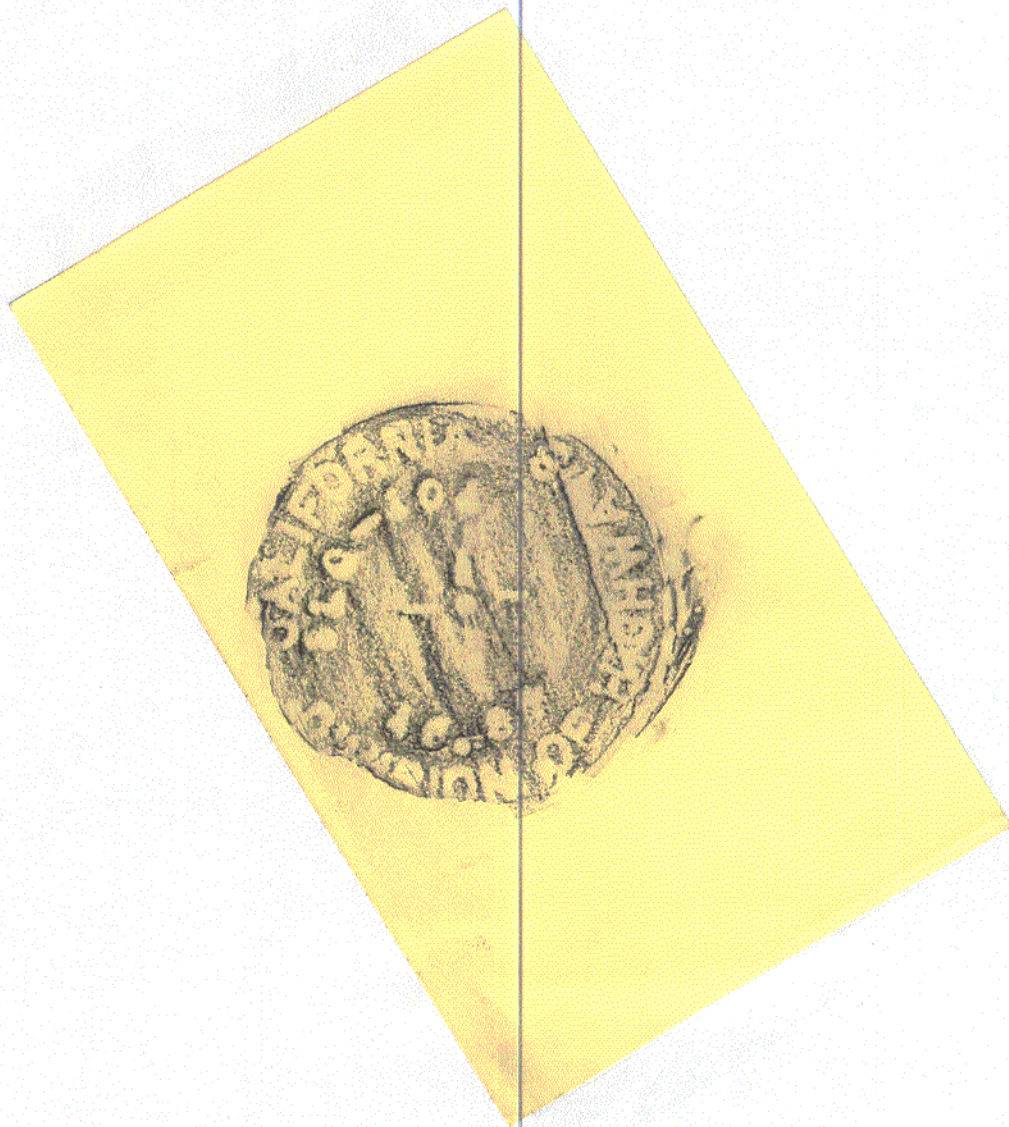
Antenna plumb before session? ☒ (Y) ☐ (N)	Antenna plumb after session? ☒ (Y) ☐ (N)	Antenna cable length 10 M
Vehicle is parked 20 meters WLY	(direction) from antenna and (Above/Below)	
Pencil rubbing ☒ or sketch ☐ attached ☒ (Y) ☐ (N) If no explain _____		

PHOTOGRAPH LOG

Frame # or File name	Description

Remarks, Weather, Comments on Problems, Sketches, etc. PARKED ON SB OFFRAMP - CAN SEE POINT WHILE NOT OBSTRUCTING TRAFFIC
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Log Checked By: R.B.m.	Date: 8-10-2004
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7-01-2004

PM 46
(SLO 101 PM 46.87)

183 Session 01

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092	
Observation Date: JULY 01 2004 ✓		Day of Year: 183 ✓		EA: 908160
Operator: RICHARD QUINLEY ✓			Agency: CalTrans – District 05	
Receiver #: 5 ✓	Manufacturer: Trimble	Model: 5700	S/N: 6226316075 ✓	
P/N: 40406-46		Firmware Version: v 2.01		
Controller #: 5 ✓	Manufacturer: Trimble	Model: TSCe	S/N: 00028887 ✓	
P/N: 45185-10 ✓		Firmware Version: Survey Controller v 10.72		
Antenna #: 5 ✓	Manufacturer: Trimble	Model: Zephyr Geodetic	S/N: 12422830 ✓	
P/N: 41249-00	DC: 4315			

OBSERVATION TECHNIQUE

Static ☒

Session #: 2 ✓	Station Name: SLO 101 PM 46.87 ✓	PID: FV2077 ✓
4 Character ID: PM46 ✓	File Name(s): PM461832 ✓	CAPS
File Name Format = aaaaddss.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) 1051 ✓	Start Time (UTC) 1751 ✓	End Time (Local) 1145 ✓	End Time (UTC) 1845 ✓

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

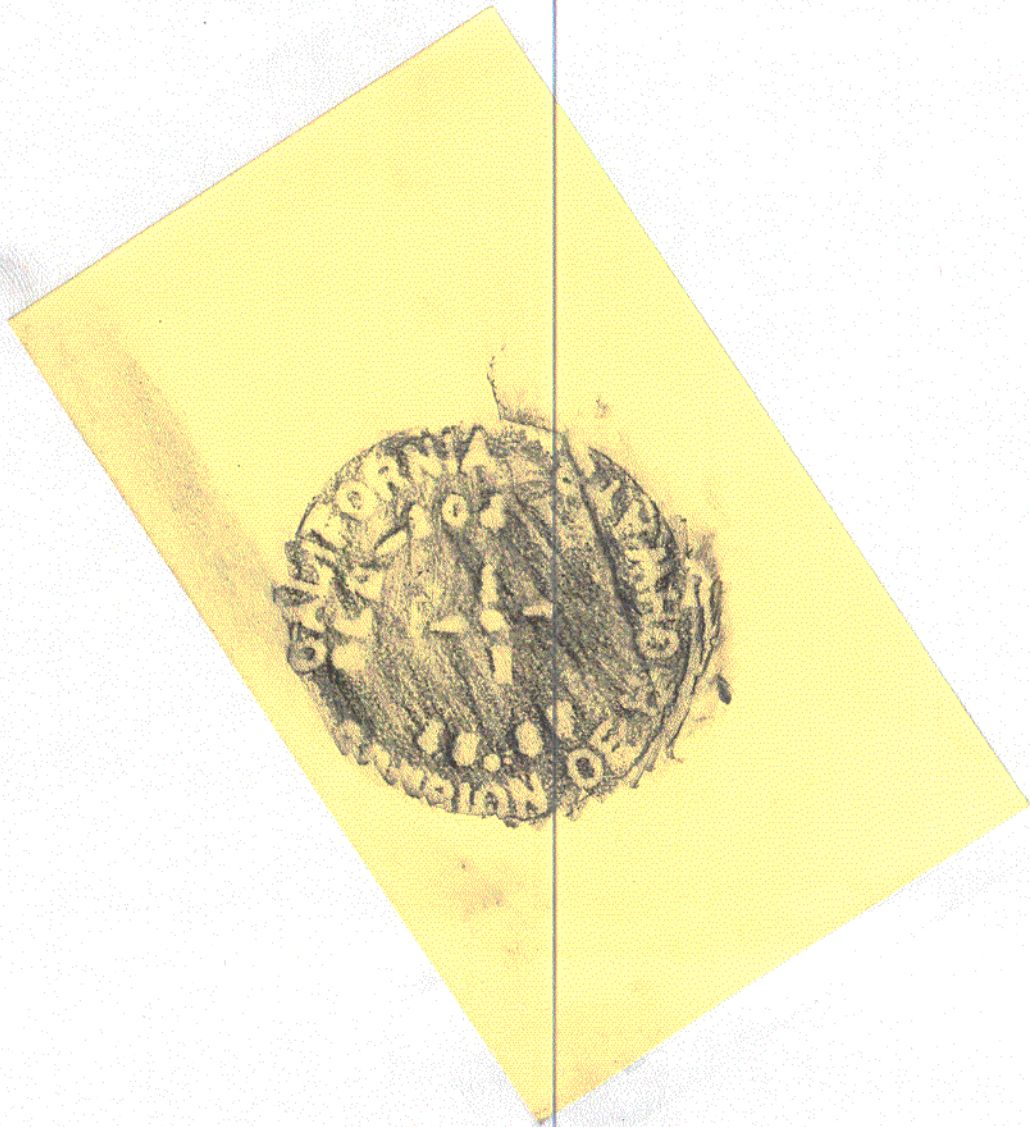
PHOTOGRAPH LOG

Frame # or File name	Description

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

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

Date: **8-10-2004**



7-01-2004

PM46
(SLO 101 PM 46.87)

183 Session 02

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092
Observation Date: JULY 01 2004 ✓	Day of Year: 183 ✓	EA: 908160
Operator: RICHARD QUINLEY ✓		Agency: CalTrans - District 05
Receiver #: 5 ✓	Manufacturer: Trimble	Model: 5700
P/N: 40406-46		S/N: 0220310075 ✓
Controller #: 5 ✓		Firmware Version: v 2.01
Manufacturer: Trimble	Model: TSCe	S/N: 00028887 ✓
P/N: 45185-10 ✓		Firmware Version: Survey Controller v 10.72
Antenna #: 5 ✓	Manufacturer: Trimble	Model: Zephyr Geodetic
P/N: 41249-00	DC: 4315	S/N: 12422830 ✓

OBSERVATION TECHNIQUE

Static ☒

Session #: 3 ✓	Station Name: HPGN DCA05NK ✓	PID: FV2072 ✓
4 Character ID: 05NK ✓ File Name(s): 05NK1833 ✓		
File Name Format = aaaaddss.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		

Scheduled			
Start Time (Local) 1300 ✓	Start Time (UTC) 2000 ✓	End Time (Local) 1345 ✓	End Time (UTC) 2045 ✓
Actual			
Start Time (Local) 1250 ✓	Start Time (UTC) 1950 ✓	End Time (Local) 1346 ✓	End Time (UTC) 2046 ✓

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	ELY (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. PDOP = 3.6 @ 1250

Log Checked By: R.B.M.	Date: 8-10-2004
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7-01-2004

05NK

183 Session 03

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092
Observation Date: 7-1-04 ✓	Day of Year: 183 ✓	EA: 908160
Operator: BOB ZOGATA ✓		Agency: CalTrans – District 05
Receiver #: 8 ✓	Manufacturer: Trimble	Model: 5700
P/N: 40406-46		S/N: 0220308761 ✓
Controller #: 6 ✓	Manufacturer: Trimble	Model: TSCe
P/N: 45185-10		S/N: 00028923 ✓
Antenna #: 6 ✓	Manufacturer: Trimble	Model: Zephyr Geodetic
P/N: 41249-00	DC: 4315 ✓	S/N: 12422923 ✓

OBSERVATION TECHNIQUE

Static ☒

Session #: 1 ✓	Station Name: A1315 ✓	PID: FV1095 ✓
4 Character ID: A131 ✓ File Name(s): A1311831 ✓		
File Name Format = aaaaddss.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) 0945 ✓ End Time (UTC) 1645 ✓
Actual		
Start Time (Local) 0812 ✓	Start Time (UTC) 1512 ✓	End Time (Local) 0945 ✓ 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) (Y)	Antenna plumb after session? (Y/N) (Y)	Antenna cable length 10e
Vehicle is parked 10 meters	SLY (direction) from antenna and (Above/Below)	
Pencil rubbing ☒ or sketch ☐ attached (Y/N) If no explain		

PHOTOGRAPH LOG

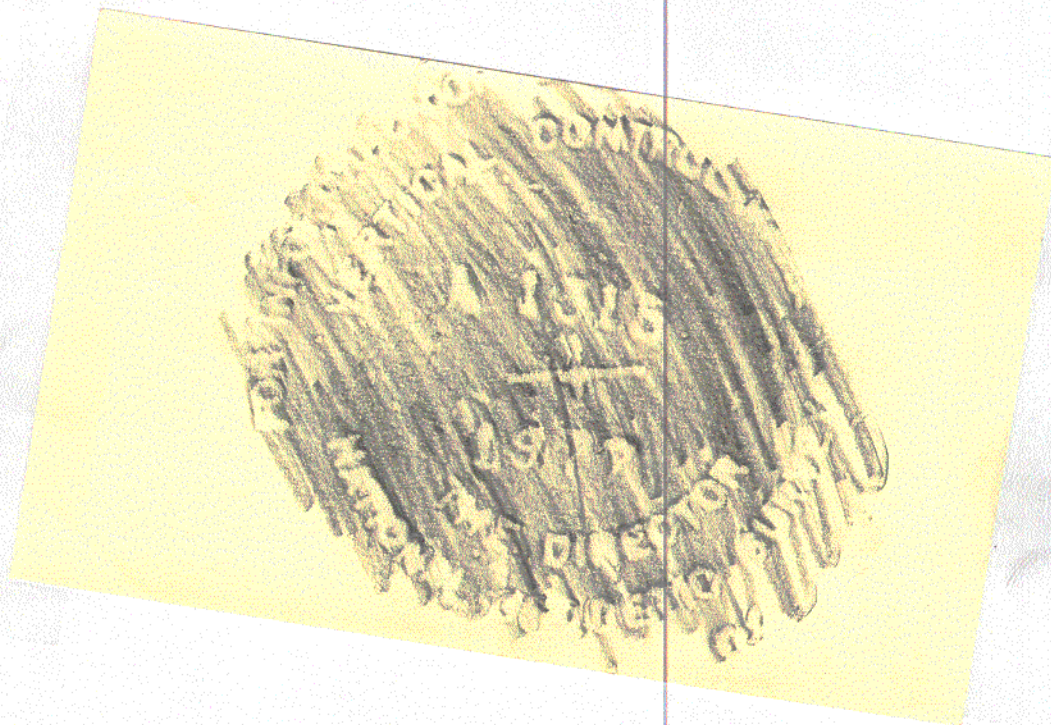
Frame # or File name	Description

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

CLOUDY
\$
NO
WIND

Log Checked By: R.B.M.

Date: 8-10-2004



7-01-2004

A131
(A 1315)

183 Session 01

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092
Observation Date: 7-1-04 ✓	Day of Year: 183 ✓	EA: 908160
Operator: BOB ZOGATA ✓		Agency: CalTrans - District 05
Receiver #: 8 ✓	Manufacturer: Trimble	Model: 5700 S/N: 0220308761 ✓
P/N: 40406-46		Firmware Version: v 2.01
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: 12422923 ✓
P/N: 41249-00	DC: 4315 ✓	

OBSERVATION TECHNIQUE

Static ☒

Session #: 2 ✓	Station Name: YORK ✓	PID: none (new)
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4 Character ID: YORK	File Name(s): YORK1832
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) 1105 ✓	Start Time (UTC) 1805 ✓	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	5.9	1.800	5.9

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

Remarks, Weather, Comments on

clear
&
some
wind

WELL DRILLING
ABOUT 800' FT ELY

Log Checked By: R.B.M.

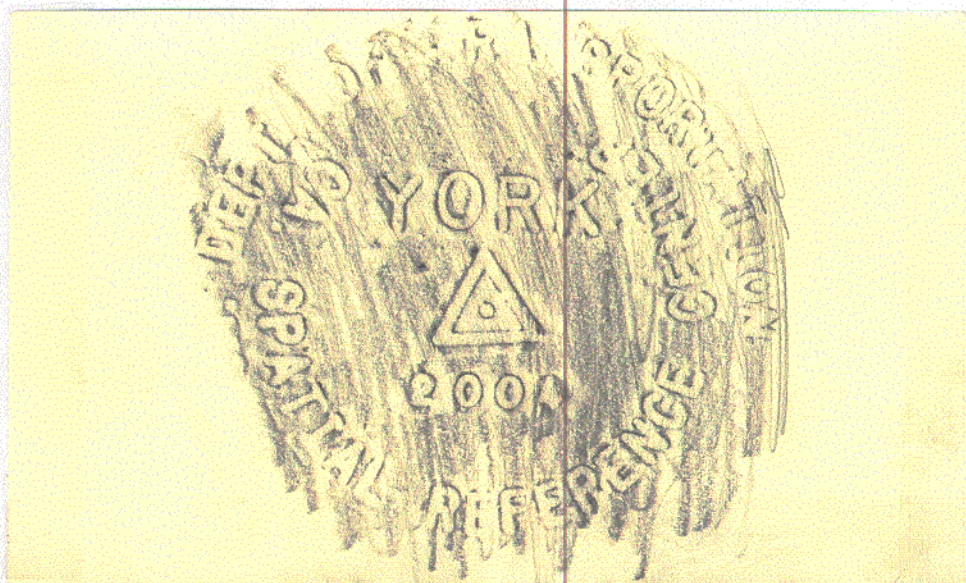
BOB M

I HAVE THE WRONG FILE
NAME FOR SESSION 2 & 3, THEY ARE
SESSION 2 - YORK1833
" 3 - YORK1832

BOB Z

Files renamed to properly reflect
sessions - R.B.M.

Date: 8-10-2004



7-01-2004

YORK

183 Session 02

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092
Observation Date: 7-1-04 ✓	Day of Year: 183 ✓	EA: 908160
Operator: Bob ZOGATA ✓		Agency: CalTrans - District 05
Receiver #: 8 ✓ P/N: 40406-46	Manufacturer: Trimble Model: 5700	S/N: 0220308761 ✓ Firmware Version: v 2.01
Controller #: 6 ✓ P/N: 45185-10	Manufacturer: Trimble Model: TSCE	S/N: 00028923 ✓ Firmware Version: Survey Controller v 10.72
Antenna #: 6 ✓ P/N: 41249-00	Manufacturer: Trimble Model: Zephyr Geodetic	S/N: 12422923 ✓ DC: 4315 ✓

OBSERVATION TECHNIQUE

Static ☒

Session #: 3 ✓	Station Name: YORK ✓	PID: none (new)
4 Character ID: YORK ✓ File Name(s): YORK1833 ✓ 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) 1242 ✓	Start Time (UTC) 1942 ✓	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 102
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

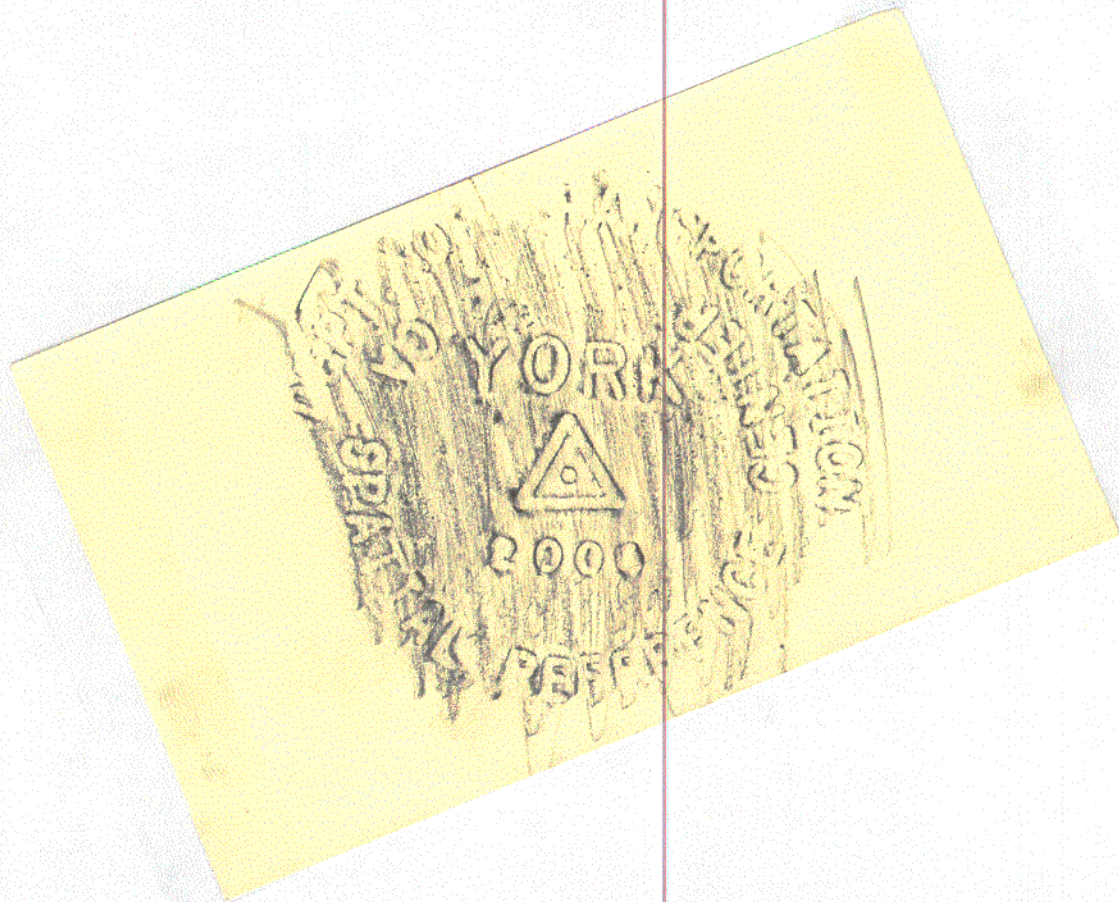
Frame # or File name	Description

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

CEAR
\$
WIND

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: 7-1-04 ✓	Day of Year: 183 ✓	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: RETAIN ✓	PID: NONE ✓
4 Character ID: RETA ✓ Edit File Name(s): RETA 1831 ✓		
File Name Format = aaaaddss.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) 8:45 AM ✓	Start Time (UTC) 1545 ✓	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): 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 2.5 meters	UNE (direction) from antenna and (Above/Below)	
Pencil rubbing ☒ or sketch ☐ attached (Y/N) (Y)	If no explain	

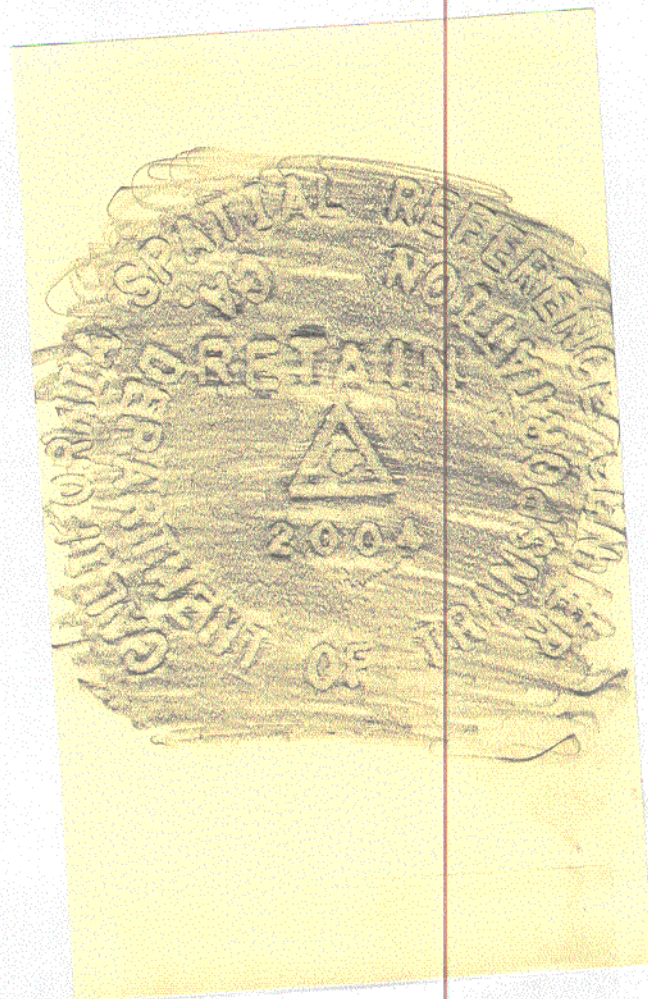
PHOTOGRAPH LOG

Frame # or File name	Description

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

Log Checked By: R.B.M.

Date: 8-10-2004



GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092
Observation Date: 7-1-04 ✓	Day of Year: 183 ✓	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 #: 2 ✓	Station Name: B707 ✓	PID: FV0967 ✓
4 Character ID: B707 ✓ File Name(s): B7071832 ✓		CAPS
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) 10:41 AM ✓	Start Time (UTC) 1741 ✓	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): 13	

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 30 meters	NE'LY (direction)	(Above/Below) LEVEL
Pencil rubbing ☒ or sketch ☐ attached (Y/N) (Y)	If no explain	

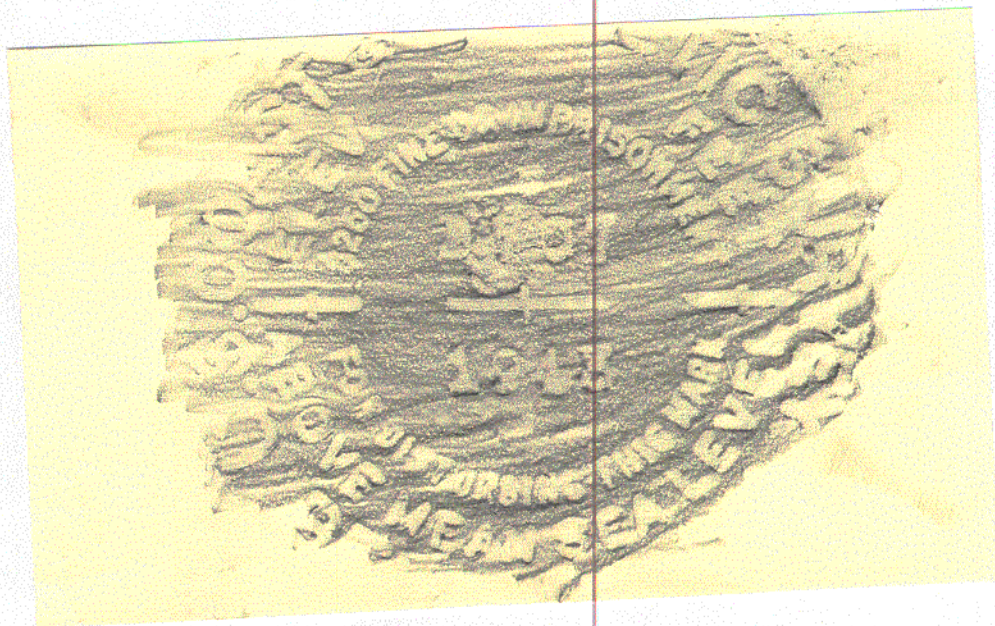
PHOTOGRAPH LOG

Frame # or File name	Description

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

Log Checked By: R.B.M.

Date: 8-10-2004



GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092
Observation Date: 7-1-04 ✓	Day of Year: 183 ✓	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: Y707 RESET ✓	PID: FY0048 ✓
4 Character ID: Y707 ✓ File Name(s): Y7071833 ✓		
File Name Format = aaaaddss.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) 1:00 PM ✓	Start Time (UTC) 2000 ✓	End Time (Local) 1:45 PM ✓	End Time (UTC) 2045 ✓

ANTENNA INFORMATION

Fixed Height Tripod ☐	Collapsible Leg Tripod ☒	Other ☒ Describe: ADJUSTABLE (FIXED) HEIGHT
Tripod #: 8	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	1.500	4.92	1.500	4.92
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	1.500	4.92	1.500	4.92

Antenna plumb before session? (Y/N) (Y)	Antenna plumb after session? (Y/N) (Y)	Antenna cable length 10 M
Vehicle is parked 12 meters	S'W (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.

Tripod was colapsable center section, pinned @ 1.5 mt.

Log Checked By: R.B.M.

Date: 8-10-2004



7-01-2004

Y707

183 Session 03