

JD 194

Session 01 09:00 - 10:17

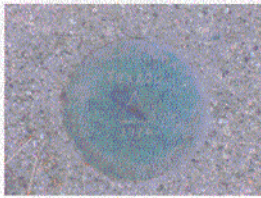
Session 02 10:27 - 12:17

Session 03 13:10 - 14:25

Session 04 14:31 - 16:17



DSC00123.JPG



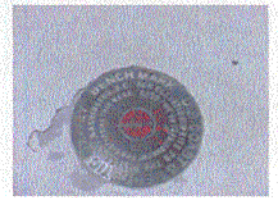
DSC00124.JPG



DSC00125.JPG



DSC00126.JPG



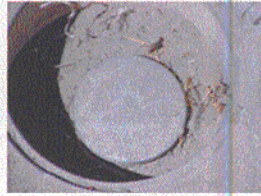
DSC00127.JPG



DSC00128.JPG



DSC00129.JPG



DSC00130.JPG

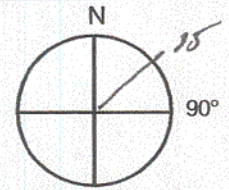
100-5123
8:35 AM
NO PENCIL RUBBING
BECAUSE OF
SETUP

COPY 7-12-04
8:30 AM
(530 UTC)

ASHTech FIELD LOG

SESSION 1
RE BROWN

Recon.	Mark Information	Session Information
AGENCY <u>CADAT</u>	NET NAME <u>CAMBRIA</u>	
STAMPING <u>SlO 101 Pm 5229 STA 0546</u>	STATION NAME <u>2069</u>	
MARK TYPE <u>Alum Survey Disk</u>	DATE (UTC) <u>2004 Jul 01</u>	dd mm yyyy or mm dd yyyy
CENTER MARK 	4 DIGIT CODE <u>2069</u>	

Set Up	Observer <u>JMS</u>	B file name	Dumped?
TRIPOD TYPE <u>SAKON</u>	ADAPTER I.D. <u>7</u>	BAYONET H.I. <u>1685</u> (m)	 show direction that magnetic arrow points
SLANT H.I. <u>1518</u> <u>1519</u> <u>1519</u> (m) <u>62.15</u> <u>62.15</u> <u>62.15</u> (in)			
RECEIVER P/N <u>700895-104</u>	ANTENNA P/N <u>700936 (D)</u>		
RECEIVER S/N <u>19019992804</u>	ANTENNA S/N <u>CR14341</u>		

Start Up	Screen 8	Avail. Memory: <u>319</u>	EQHR (<u>99</u> %)
Screen 4 YES RANGER = 3 ? ☒ Z MODE = A ? ☒ REC. INTVL. = 030 ? ☒ MIN. #. SV. = 1 ? ☒ ELEV. MASK. = 10° ? ☒ SESSION PROG ? <u>(Y)</u> or N SESSION BEGIN <u>000000</u> SESSION END <u>235430</u>	Screen 9 YES SITE = 4 DIGIT CODE ? ☒ SESSION = A ? ☒ RCV# CORRECT ? ☒ ANT# CORRECT ? ☒ MMDD = UTC ? ☒ OPR = YOUR INITIALS ? ☒ CODE = STAMPING ? ☒ H.I. BEF. = MEASURED H.I. ? ☒ RECORD. = "Y" ? ☒	Start time Remote ☒ TIME (UTC) <u>2020</u> DATE (UTC) <u>2004 Jul 01</u> TIME (LOCAL) <u>1320</u> DATE (LOCAL) <u>2004 Jul 01</u>	Screen 0 SOFTWARE VERSION: <u>CD00.1002</u>
Screen 2 Time <u>2024</u> # of sv's <u>5</u> LAT. ? <u>35:33.929</u> LONG. ? <u>120:42.372</u> ALTITUDE ? <u>231</u>		Screen 3 YES RECORDING DATA ***** ☒	

Shut Down	SLANT H.I.	(m)	(in)
End time TIME (UTC) _____ DATE (UTC) _____ TIME (LOCAL) _____ DATE (LOCAL) _____	Screen 8 EQHR FOR CURRENT SITE _____	Screen 9 YES H.I. AFT. = MEASURED H.I. ? ☐	BAYONET H.I. _____ (m) IS TRIPOD LEVEL AND CENTERED ?? Y N IF "NO", EXPLAIN: Shut Off Receiver

COPY
7-12-04
8:30 AM
(1530 UTC)

SESSION 1
RE BROWN

ASHTech FIELD LOG page 2

KJW 4/03

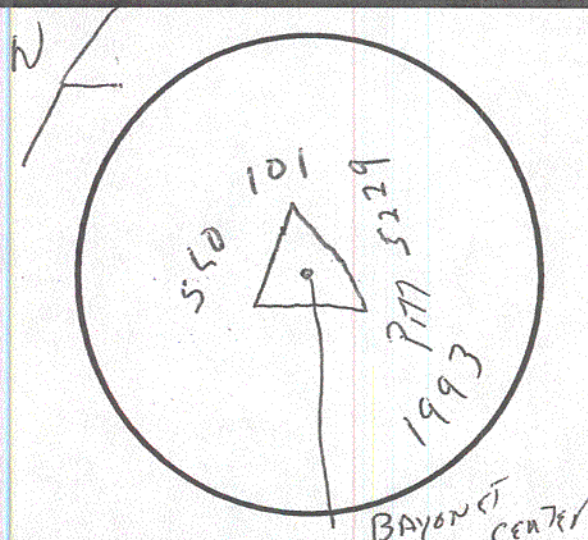
Station 2069 Date 2004 Jul 1 Operator JMS
dd mm yy or mm dd yy

Comments

CADAT, 3" ALUM SURVEY
DISK, ON PIPE, ENCASED
WITH P.V.C. + CONCRETE
WITH ACCESS CID. IN
SMALL LOCKED COMPOUND

CADAT KEY

Sketch the monument here. Indicate the exact point over which the antenna was centered.



Digital Photo Log

Frame #	Direction Facing
	North
	East
	South
	West
	Bayonet
	Bench mark

Update Site Description & Drive-To Instructions

GOOD AS IS

JUL 8, 16:12 BAYONET
CENTER: 8000 1.685
REC: 8000 BAT 12.9 ✓
Hi 1.579 1.579 1.578 m
62.2 62.2 62.2 in

JUL 9, 16:28 BAYONET
REC: 8000 1.685
CENTER: 8000 BAT:
Hi 1.578 1.579 1.579 m 12.22
62.2 62.2 62.2" (CHANGED
BACK TO
BAT.

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092
Observation Date: 7-12-04 ✓	Day of Year: 194 ✓		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: TEXACO ✓	PID: EV 1813 ✓
4 Character ID: TEKA ✓	File Name(s): TEKA1942.DAT ✓	CAPS
File Name Format = aaaadddd.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled		
Start Time (Local) 11:30 AM ✓	Start Time (UTC) 1830 ✓	End Time (Local) 12:15 AM ✓
		End Time (UTC) 1915 ✓
Actual		
Start Time (Local) 10:52 ✓	Start Time (UTC) 1752 ✓	End Time (Local) 12:15 ✓
		End Time (UTC) 1915 ✓

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 10 m

Vehicle is parked 15 meters SE LY (direction) from antenna and (Above/Below)

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

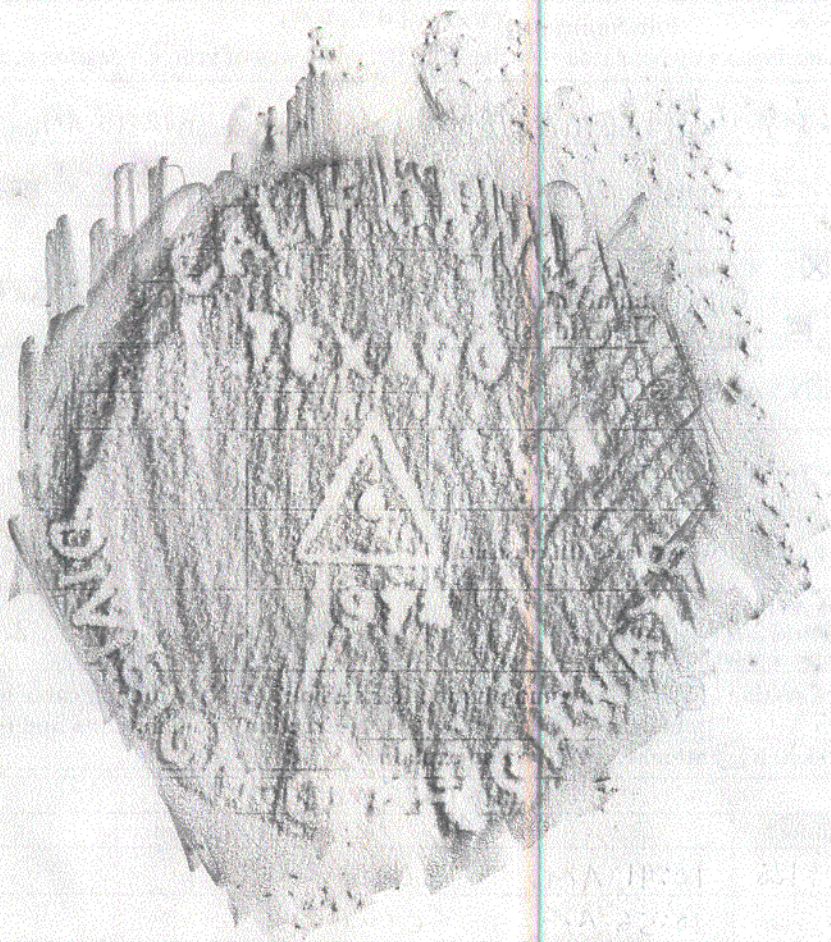
PHOTOGRAPH LOG

Frame # or File name	Description
100-0124 125	10:41 AM CLOSE-UP
100-0126	10:56 AM SETUP

Remarks, Weather, Comments on Problems, Sketches, etc. VERY LARGE PUNCH MARK - ATTEMPTED TO CENTER POINT INSIDE.

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: 7-12-04 ✓		Day of Year: 194 ✓		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 #: 3 ✓	Station Name: TIDAL5 ✓	PID: FV 0401 ✓
4 Character ID: TID5 ✓ File Name(s): TID5 1943.DAT ✓		
File Name Format = aaaaddss.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		

Scheduled			
Start Time (Local) 1:30 PM ✓	Start Time (UTC) 2030 ✓	End Time (Local) 2:15 PM ✓	End Time (UTC) 2115 ✓
Actual			
Start Time (Local) 1:30 PM ✓	Start Time (UTC) 2030 ✓	End Time (Local) 2:15 PM ✓	End Time (UTC) 2115 ✓

ANTENNA INFORMATION

Fixed Height Tripod ☒	Collapsible Leg Tripod ☐	Other ☐ Describe _____
Tripod #: 1	Tripod Manufacturer: SELO	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 10 m
Vehicle is parked 20 meters SE/LY (direction) from antenna and (Above/Below)		
Pencil rubbing ☒ or sketch ☐ attached ☒ (Y/N) If no explain _____		

PHOTOGRAPH LOG

Frame # or File name	Description
100-0127	1:22 PM CLOSE-UP
100-0128	1:23 PM PEDESTAL & PLAQUE
100-0129	1:45 PM SET UP

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

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

Date: **8-10-2004**

SEE
BACK
OF LOG
SHEET

0402-0042

7-15-71

com



8-10-5004

R.F.W.

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092
Observation Date: 7-12-2004	Day of Year: 194	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 #: 4 ✓	Station Name: 05 LL ✓	PID: FV 2069 ✓ CARS
4 Character ID: 05LL ✓ File Name(s): 05LL1944.DAT ✓		
File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		

Scheduled			
Start Time (Local) 3:30 PM ✓	Start Time (UTC) 2230 ✓	End Time (Local) 4:15 PM ✓	End Time (UTC) 2315 ✓
Actual			
Start Time (Local) 3:08 PM ✓	Start Time (UTC) 2208 ✓	End Time (Local) 4:15 PM ✓	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): KCB	

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 10 m
 Vehicle is parked 12 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 - 0130	close-up of monument

Remarks, Weather, Comments on Problems, Sketches, etc. **DO NOT USE FIRST 5 MINUTES OF DATA (READJUSTED BUBBLE SLIGHTLY)**

Log Checked By: R.B.M.

Date: 8-10-2004

SEE
BACK
OF LOG
SHEET

1000-2000

100

1000-2000

1000-2000

1000-2000

1000-2000

1000-2000

1000-2000

1000-2000

1000-2000

1000-2000

1000-2000

1000-2000

1000-2000

1000-2000

1000-2000

1000-2000

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1000-2000

1000-2000

1000-2000

1000-2000

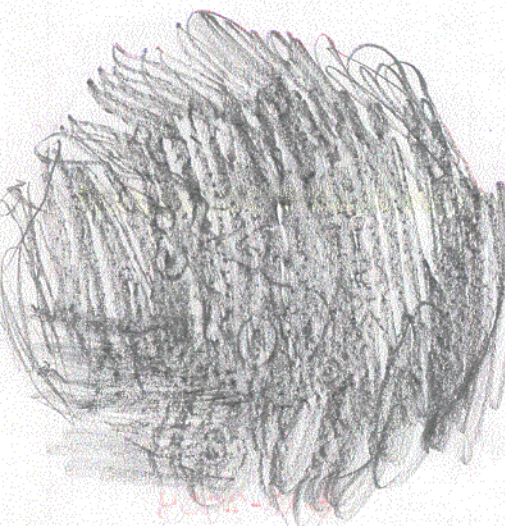
1000-2000

1000-2000

1000-2000

1000-2000

1000-2000



1000-2000

1000-2000

GPS FIELD OBSERVATION LOG

0405-0092

Project Name: San Simeon HPGN Reobservation		SR#: 0440100986
Observation Date: 7-12-04	Day of Year: 194	EA: 908160
Operator: J. WALSH		Agency: CalTrans - District 05
Receiver #: 2	Manufacturer: Trimble	Model: 5700 S/N: 0440100986
P/N: 40406-46	Firmware Version: v 2.01	
Controller #: A	Manufacturer: Trimble	Model: TSCe S/N: 00026155
P/N: 45185-10A	Firmware Version: Survey Controller v 10.72	
Antenna #: 2	Manufacturer: Trimble	Model: Zephyr Geodetic S/N: 11884506
P/N: 41249-00	DC: 4126	

OBSERVATION TECHNIQUE

Static ☒

Session #: 1	Station Name: Z154	PID: FV 0091
4 Character ID: Z154 File Name(s): Z1541941		
File Name Format = aaaaddd.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled		
Start Time (Local) 9:30	Start Time (UTC) 9:02	End Time (Local) 10:15 End Time (UTC) 17:15
Actual		
Start Time (Local) 9:02	Start Time (UTC) 16:02	End Time (Local) 10:15 End Time (UTC) 17:15

ANTENNA INFORMATION

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

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

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

Vehicle is parked 10 meters N/E (direction) from antenna and (Above/Below)

Pencil rubbing ☐ or sketch ☐ attached (Y/N) If no explain 216 Photo taken

PHOTOGRAPH LOG

Frame # or File name	Description
1, 2, 3	Overall Shot of Setup looking w'ly, N'ly, S'ly
4, 5	Close-up of monument

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

Clear, warm & calm (wind)

POOP - 1.7 start

2.1 @ 9:44

2.1 @ 10:12

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: 7-12-04 ✓	Day of Year: 194 ✓	EA: 908160
Operator: J. WALSH ✓		Agency: CalTrans - District 05
Receiver #: 2 ✓ P/N: 40406-46	Manufacturer: Trimble Model: 5700 Firmware Version: v 2.01	S/N: 044100986 0440100986
Controller #: 10 ✓ P/N: 45185-10 ✓	Manufacturer: Trimble Model: TSCe Firmware Version: Survey Controller v 10.72	S/N: 0002455 ✓
Antenna #: 2 ✓ P/N: 41249-00	Manufacturer: Trimble Model: Zephyr Geodetic DC: 4120 ✓	S/N: 11884506 ✓

OBSERVATION TECHNIQUE

 Static ☒

Session #: 2 ✓	Station Name: X 1449 ✓	PID: FV 1942 ✓
4 Character ID: X144 ✓ File Name(s): X1441942 → X144194A		
File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		

Scheduled			
Start Time (Local) 11:30 ✓	Start Time (UTC) 18:30 ✓	End Time (Local) 12:15 ✓	End Time (UTC) 19:15 ✓
Actual			
Start Time (Local) 11:05 ✓	Start Time (UTC) 18:05 ✓	End Time (Local) 12:15 ✓	End Time (UTC) 19:15 ✓

ANTENNA INFORMATION

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

ANTENNA HEIGHT	Before Session Begins	After Session ends
	Meters	Feet
A = Datum point to Top of Tripod or Height Hook reading	2.000	No Data
B = Additional offset to ARP if any (Quick Release/ HH constant)	0.00	
H = Antenna Height = A+B = Datum Point to Antenna Reference Point (ARP) Note: ARP is Bottom of Antenna Mount	2.000	

Antenna plumb before session? (Y/N) ☒	Antenna plumb after session? (Y/N) ☒	Antenna cable length <u>10m</u>
Vehicle is parked <u>45</u> meters <u>South</u> (direction) from antenna and (Above/Below)		
Pencil rubbing ☐ or sketch ☐ attached (Y/N) ☒ If no explain <u>Dig photos taken</u>		

PHOTOGRAPH LOG

Frame # or File name	Description
	<u>PDOP @ Begin 2.00</u>
6, 7, 8, 9	Overall shot of setup looking N'y, W'y, S'y, E'y
10	Close-up of adapter
11, 12, 13	Close-up of well stamping
	NOTE: Restarted unit after couple min. - tripod not accept. Renamed new file X144194A

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

pdop @ Begin 2.00 @ 11:11
 1.90 @ 11:30
 2.90 @ 12:02
 3.0 @ 12:12

NOTE: DID NOT MEASURE POINT !!! Forgot to hit measure

Weather: Warm, clear, slight Breeze

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: 7-12-04 ✓	Day of Year: 194 ✓	EA: 908160
Operator: J. WALSH ✓		Agency: CalTrans - District 05
Receiver #: 2 ✓ P/N: 40406-46	Manufacturer: Trimble Model: 5700 Firmware Version: v 2.01	S/N: 0440100986 0440100986
Controller #: A ✓ P/N: 45185-0A ✓	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: 05 HK ✓	PID: FV2045 ✓
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4 Character ID: 05HK ✓ File Name(s): 05HK1943 ✓
File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension

Scheduled	1:30 ✓	Start Time (Local) 1:30 ✓	Start Time (UTC) 20:30 ✓	End Time (Local) 2:15 ✓	End Time (UTC) 21:15 ✓
Actual	1:34 ✓	Start Time (Local) 1:25 ✓	Start Time (UTC) 20:29 ✓	End Time (Local) 2:15 ✓	End Time (UTC) 21:15 ✓

ANTENNA INFORMATION

Fixed Height Tripod ☒	Collapsible Leg Tripod ☐	Other ☐ Describe _____
Tripod #: 2	Tripod Manufacturer: SICO	Tripod Color: _____
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			
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 10m
Vehicle is parked 33 meters Ely (direction) from antenna and (Above/Below)
Pencil rubbing ☐ or sketch ☐ attached (Y/N) If no explain D16 Photo taken

PHOTOGRAPH LOG

Frame # or File name	Description
1, 2, 3, 14, 15, 16	overall showing pick-up relative to position NLY, WLY, ELY
4, 5, 17, 18	close-up of actual pt

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

Warm, Clear calm
NOTE: pick-up truck parked 2m +/- next to pt. (in parking lot)
1134 P00P - 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: 7-12-03 ✓		Day of Year: 194 ✓		EA: 908160	
Operator: J. WALSH ✓				Agency: CalTrans - District 05	
Receiver #:	Manufacturer: Trimble	Model: 5700	S/N: 0440100986 ✓		
P/N: 40406-46 2 ✓		Firmware Version: v 2.01			
Controller #:	Manufacturer: Trimble	Model: TSCe	S/N: 00026155 ✓		
P/N: 45185-10A ✓		Firmware Version: Survey Controller v 10.72			
Antenna #:	Manufacturer: Trimble	Model: Zephyr Geodetic	S/N: 11884506 ✓		
P/N: 41249-00 2 ✓	DC: 4126 ✓				

OBSERVATION TECHNIQUE

Static ☒

Session #: 4 ✓	Station Name: GWM 313 Reser ✓	PID: X144 FV1057
4 Character ID: GWM3 ✓ File Name(s): GWM31944 ✓		FV 1057
File Name Format = aaaadds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		

Scheduled					
Start Time (Local) 3:30 ✓	Start Time (UTC) 22:30 ✓	End Time (Local) 4:15 ✓	End Time (UTC) 23:15 ✓		
Actual					
Start Time (Local) 3:31 ✓	Start Time (UTC) 22:31 ✓	End Time (Local) 4:15 PM	End Time (UTC) 2315		

ANTENNA INFORMATION

Fixed Height Tripod ☒	Collapsible Leg Tripod ☐	Other ☐ Describe _____
Tripod #: 2	Tripod Manufacturer: seo	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	2.000			
B = Additional offset to ARP if any (Quick Release/ HH constant)	0.00			
H = Antenna Height = A+B = Datum Point to Antenna Reference Point (ARP) Note: ARP is Bottom of Antenna Mount	2.000			

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

PHOTOGRAPH LOG

Frame # or File name	Description
789 19,20	NLY ELY ~ BAD SHOT - camera out of memory
1-234 21,22,23	NEW CARD NLY, ELY ELY SLY - showing sign
56 24,25,26	close-ups min ! #

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

pdop 2.3 @ 3:31
1.9 @ 4:01

Hornets Near Mond

Clear, Warm, Gusty @ Summit

Log Checked By: R.B.M.

Date: 8-10-2004



05KL1943A.JPG



05KL1943B.JPG



05ML1941A.JPG



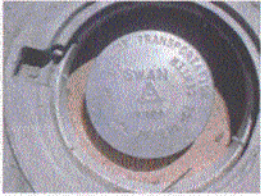
05ML1941B.JPG



K707194A.JPG



K7071944B.JPG



SWAN1942A.JPG



SWAN1942B.JPG

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092
Observation Date: 13 July 2004 ✓	Day of Year: 194 ✓	EA: 908160	
Operator: S. MEACHAM ✓		Agency: CalTrans - District 05	
Receiver #: 3 ✓ P/N: 40406-46	Manufacturer: Trimble Model: 5700 Firmware Version: v 2.01	S/N: 0440100467 ✓ (TRIMBLE#)	
Controller #: 1305 ✓ 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 ✓ (TRIMBLE#)	

OBSERVATION TECHNIQUE

Static ☒

Session #: 1 ✓	Station Name: 05ML ✓	PID: FV2070 ✓
4 Character ID: 05ML ✓ File Name(s): 05ML1941 ✓ File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled Start Time (Local) 9:30 AM ✓ Start Time (UTC) 16:00 ³⁰ ✓ End Time (Local) 10:15 AM ✓ End Time (UTC) 16:45 ^{17:15} ✓		
Actual Start Time (Local) 9:10 AM ✓ Start Time (UTC) 16:10 ✓ End Time (Local) 10:15 AM ✓ End Time (UTC) 17:15 ✓		

ANTENNA INFORMATION

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

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

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

PHOTOGRAPH LOG

Frame # or File name	Description
05ML1941 A.JPG	MONUMENT
05ML1941 B.JPG	SETUP

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: 12 July 2004 ✓	Day of Year: 194 ✓	EA: 908160
Operator: STACEY MEACHAM ✓		Agency: CalTrans - District 05
Receiver #: 3 ✓ P/N: 40406-46	Manufacturer: Trimble Model: 5700 Firmware Version: v 2.01	S/N: 0440100 467 ✓
Controller #: 13005 ✓ P/N: 45185-10 ✓	Manufacturer: Trimble Model: TSCe Firmware Version: Survey Controller v 10.72	S/N: 00031556 ✓
Antenna #: 3 P/N: 41249-00	Manufacturer: Trimble Model: Zephyr Geodetic DC: 4124 ✓	S/N: 12234994 ✓

OBSERVATION TECHNIQUE

Static ☒

Session #: 2 ✓	Station Name: SWAN ✓	PID: —
4 Character ID: SWAN ✓ File Name(s): SWAN 194 2 ✓ File Name Format = aaaadddd.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled Start Time (Local) 11:30 AM ✓ Start Time (UTC) 18:30 ✓ End Time (Local) 12:15 PM ✓ End Time (UTC) 19:15 ✓		
Actual Start Time (Local) 11:07 AM ✓ Start Time (UTC) 18:09 ✓ End Time (Local) 12:15 PM ✓ End Time (UTC) 19:15 ✓		

ANTENNA INFORMATION

Fixed Height Tripod ☒ Collapsible Leg Tripod ☐ Other ☐ Describe _____
 Tripod #: 3 Tripod Manufacturer: SECO Tripod Color: Yellow/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	2.000			
B = Additional offset to ARP if any (Quick Release/ HH constant)	0.000			
H = Antenna Height = A+B = Datum Point to Antenna Reference Point (ARP) Note: ARP is Bottom of Antenna Mount	2.000			

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

PHOTOGRAPH LOG

Frame # or File name	Description
SWAN 1942 A. JPG	MONUMENT
SWAN 1942 B. JPG	SETUP

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: 12 JUL 2004 ✓	Day of Year: 194 ✓	EA: 908160
Operator: STACEY MASON ✓		Agency: CalTrans - District 05
Receiver #: 3 ✓ P/N: 40406-46 ✓	Manufacturer: Trimble Model: 5700 Firmware Version: v 2.01	S/N: 0440100467 ✓
Controller #: 1300 ✓ 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: 05KL ✓	PID: FV2067 ✓
4 Character ID: 05KL ✓ File Name(s): 05KL1943 ✓ File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled Start Time (Local) 1:30 PM ✓ Start Time (UTC) 20:30 ✓ End Time (Local) 2:15 AM ✓ End Time (UTC) 21:15 ✓		
Actual Start Time (Local) 1:26 PM ✓ Start Time (UTC) 20:26 ✓ End Time (Local) 2:22 PM ✓ End Time (UTC) 21:22 ✓		

ANTENNA INFORMATION

Fixed Height Tripod ☒	Collapsible Leg Tripod ☐	Other ☐ Describe _____
Tripod #: 3 ✓	Tripod Manufacturer: SECO	Tripod Color: Yellow/Green
Adjustment - Verified ☒	Adjusted ☐ (Initials): JMM	

ANTENNA HEIGHT	Before Session Begins		After Session ends	
	Meters	Feet	Meters	Feet
A = Datum point to Top of Tripod or Height Hook reading	2.000			
B = Additional offset to ARP if any (Quick Release/ HH constant)	0.000			
H = Antenna Height = A+B = Datum Point to Antenna Reference Point (ARP) Note: ARP is Bottom of Antenna Mount	2.000			

Antenna plumb before session? (Y/N) (Y) ✓	Antenna plumb after session? (Y/N) (Y) ✓	Antenna cable length 12m
Vehicle is parked 20 meters	(direction) EAST	(Above/Below)
Pencil rubbing ☐ or sketch ☐ attached (Y/N) (Y) ✓	If no explain DIGITAL PHOTO	

PHOTOGRAPH LOG

Frame # or File name	Description
05KL1943A.JPG	MONUMENT
05KL1943B.JPG	SETUP

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

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092
Observation Date: 12 July 2004 ✓	Day of Year: 194 ✓	EA: 908160
Operator: STACEY MEACHAM ✓		Agency: CalTrans - District 05
Receiver #: 3 ✓ P/N: 40406-46	Manufacturer: Trimble Model: 5700 Firmware Version: v 2.01	S/N: 0440100467 ✓
Controller #: 13005 ✓ 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: K707 ✓	PID: FV1032 ✓
4 Character ID: K707 ✓ File Name(s): K707 194 4 ✓ File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled Start Time (Local) 3:30pm ✓ Start Time (UTC) 22:30 ✓ End Time (Local) 4:15pm ✓ End Time (UTC) 23:15 ✓		
Actual Start Time (Local) 3:24pm ✓ Start Time (UTC) 22:24 ✓ End Time (Local) 4:15 ✓ End Time (UTC) 23:15 ✓		

ANTENNA INFORMATION

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

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

Antenna plumb before session? (Y/N) (Y)	Antenna plumb after session? (Y/N) (Y)	Antenna cable length 10 METERS
Vehicle is parked 2015 meters	WEST (direction) from antenna and (Above/Below)	
Pencil rubbing ☐ or sketch ☐ attached (Y/N) (Y)	If no explain DIGITAL PHOTO	

PHOTOGRAPH LOG

Frame # or File name	Description
K7071944A.JPG	MONUMENT
K7071944B.JPG	SET UP

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

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092
Observation Date: 7-12-04 ✓	Day of Year: 194 ✓	EA: 908160	
Operator: KEITH ALBERT FORSBERG ✓		Agency: CalTrans - District 05	
Receiver #: A ✓ P/N: 40406-46	Manufacturer: Trimble Model: 5700 Firmware Version: v 2.01	S/N: 0220247368	
Controller #: A ✓ P/N: 45185-10	Manufacturer: Trimble Model: TSCe Firmware Version: Survey Controller v 10.72	S/N: 00031569 ✓	
Antenna #: A ✓ P/N: 41249-00	Manufacturer: Trimble Model: Zephyr Geodetic DC: A126 ✓	S/N: 12200320	

OBSERVATION TECHNIQUE

Static ☒

Session #: 1 ✓	Station Name: GARRISON RESET ✓	PID: FV1805 ✓
4 Character ID: GARR ✓ File Name(s): GARR1941 ✓ File Name Format = aaaaddd.sxxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled Start Time (Local) 9:30 ✓ Start Time (UTC) 1630 End Time (Local) 10:15 End Time (UTC) 17:15		
Actual Start Time (Local) 9:25 ✓ Start Time (UTC) 1625 End Time (Local) 10:15 End Time (UTC) 17:15		

ANTENNA INFORMATION

Fixed Height Tripod ☒	Collapsible Leg Tripod ☐	Other ☐ Describe _____
Tripod #: A	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)	0.00			
H = Antenna Height = A+B = Datum Point to Antenna Reference Point (ARP) Note: ARP is Bottom of Antenna Mount	2.00			

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

GARRISON RESET
CLEAR, HOT, NO BREEZE
SAND BAGS ON ALL 3 FEET.

Log Checked By: R.B.M.

Date: 8-10-2004



7-12-2004

GARR

194 Session 01

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092
Observation Date: 7-12-04 ✓	Day of Year: 194 ✓	EA: 908160	
Operator: KETH 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: 12200320
P/N: 41249-00	DC: 4126 ✓		5

OBSERVATION TECHNIQUE

Static ☒

Session #: 2 ✓	Station Name: GARRISON RESET ✓	PID: FY1805 ✓
4 Character ID: GARR ✓	File Name(s): GARR142 ✓	<u>CAPS</u>
File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled	1830	1915
Start Time (Local) 11:30 ✓	Start Time (UTC) 1800	End Time (Local) 12:15 ✓
		End Time (UTC) 1845
Actual		1915
Start Time (Local) 10:27	Start Time (UTC) 1727	End Time (Local) 12:15 ✓
		End Time (UTC) 1845

ANTENNA INFORMATION

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

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

Antenna plumb before session? (Y/N) (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. GARRISON RESET CLEAR, HOT, NO BREEZE SAND BAGS ON ALL 3 FEET

Log Checked By: R.B.M.	Date: 8-10-2004
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7-12-2004

GARR

194 Session 02

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092	
Observation Date: 7-12-04 ✓		Day of Year: 194 ✓		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: 4126 ✓			

OBSERVATION TECHNIQUE

Static ☒

Session #: 3 ✓	Station Name: U450 ✓	PID: FY1972 ✓
4 Character ID: U45 ✓ Edit File Name(s): U451943 ✓ CAPS		
File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled		
Start Time (Local) 1:30 ✓	Start Time (UTC) 2030	End Time (Local) 2:15 ✓ End Time (UTC) 2115
Actual		
Start Time (Local) 1:29 ✓	Start Time (UTC) 2028	End Time (Local) 2:15 End Time (UTC) 2115

ANTENNA INFORMATION

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

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

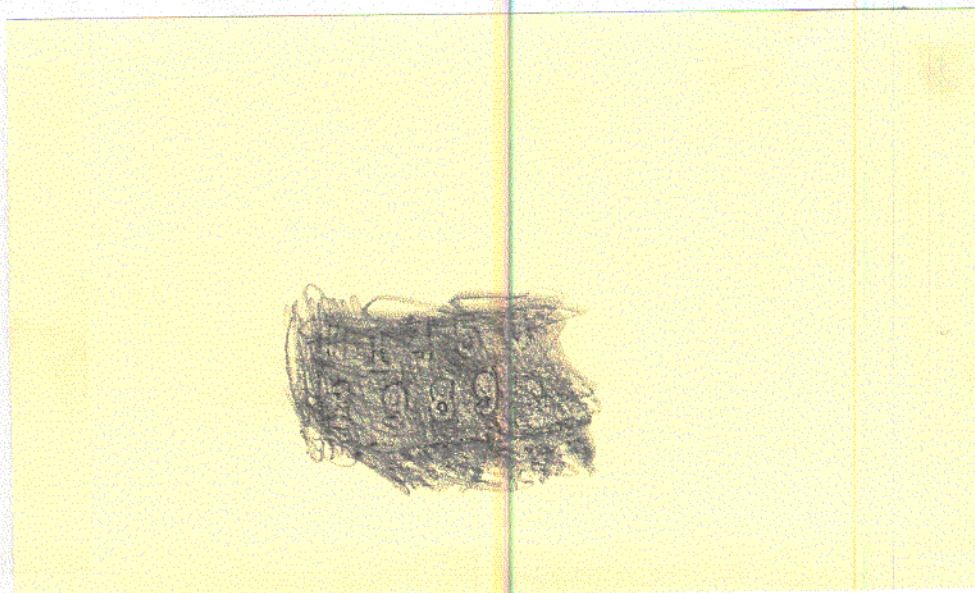
Antenna plumb before session? (Y/N) (Y)	Antenna plumb after session? (Y/N) (Y)	Antenna cable length 10m
Vehicle is parked 30 meters	SOUTH (direction) from antenna and (Above/Below)	
Pencil rubbing ☒ or sketch ☐ attached (Y/N) (Y)	If no explain NO DISK STAINLESS STEEL ROD ROUND TOP	

PHOTOGRAPH LOG

Frame # or File name	Description
	RUBBING FROM LID RIM.
	USED ADAPTER FROM DON DONFRIO TO CENTER ROD TIP.

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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7-12-2004

U145
(U 1450)

194 Session 03

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092
Observation Date: 7-12-04 ✓	Day of Year: 194 ✓	EA: 908160	
Operator: KEITH ALBERT FORSBERGS ✓		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: 12200360	

OBSERVATION TECHNIQUE

Static ☒

Session #: 4 ✓	Station Name: U1450 ✓	PID: FV1972 ✓
4 Character ID: U145 ✓ Edit File Name(s): U1451944 ✓ CAPS		
File Name Format = aaaadddd.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled	Start Time (Local) 3:30 ✓	Start Time (UTC) 2230
	End Time (Local) 4:15 ✓	End Time (UTC) 2315
Actual	Start Time (Local) 2:30 ✓	Start Time (UTC) 2230
	End Time (Local) 4:15	End Time (UTC) 2315

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)	0.00			
H = Antenna Height = A+B = Datum Point to Antenna Reference Point (ARP) Note: ARP is Bottom of Antenna Mount	2.00			

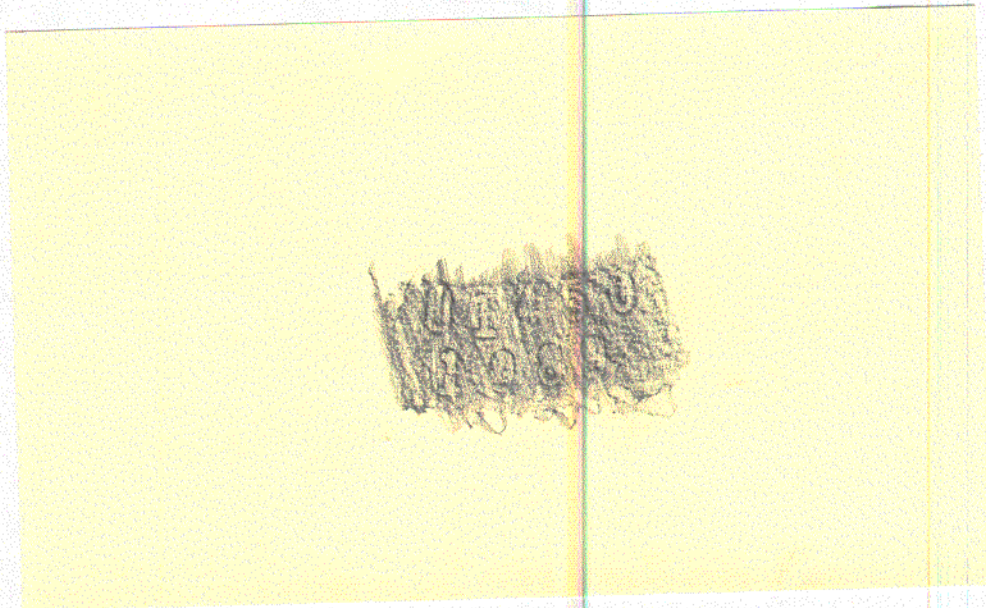
Antenna plumb before session? (Y/N)	Antenna plumb after session? (Y/N)	Antenna cable length 10 m
Vehicle is parked 30 meters	SOUTH (direction) from antenna and (Above/Below)	
Pencil rubbing ☐ or sketch ☐ attached (Y/N)	If no explain NO DISK, STAINLESS STEEL ROD ROUND TOP	

PHOTOGRAPH LOG

Frame # or File name	Description
	RUBBING FROM LID RIM
	USED ADAPTER FROM DONI DONFRIO TO CENTER
	ROD TIP.

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

Log Checked By: R.B.M.	Date: 8-10-2004
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7-12-2004

U145
(u 1450)

194 Session 04

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092
Observation Date: JULY 12 2004 ✓	Day of Year: 194 ✓	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 #: 1 ✓	Station Name: HPGN D CA 05NK ✓	PID: FV2072 ✓
4 Character ID: 05NK ✓ File Name(s): 05NK1941- File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension 1715 ✓		
Scheduled Start Time (Local) 930 ✓	Start Time (UTC) 1630 ✓	End Time (Local) 1015 ✓ End Time (UTC) 1645 ✓
Actual Start Time (Local) 923 ✓	Start Time (UTC) 1623 ✓	End Time (Local) 1016 ✓ End Time (UTC) 1716 ✓

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	59.055	1.800	59.055
B = Additional offset to ARP if any (Quick Release/ HH constant)	0	0	0	0
H = Antenna Height = A+B = Datum Point to Antenna Reference Point (ARP) Note: ARP is Bottom of Antenna Mount	1.800	59.055	1.800	59.055

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

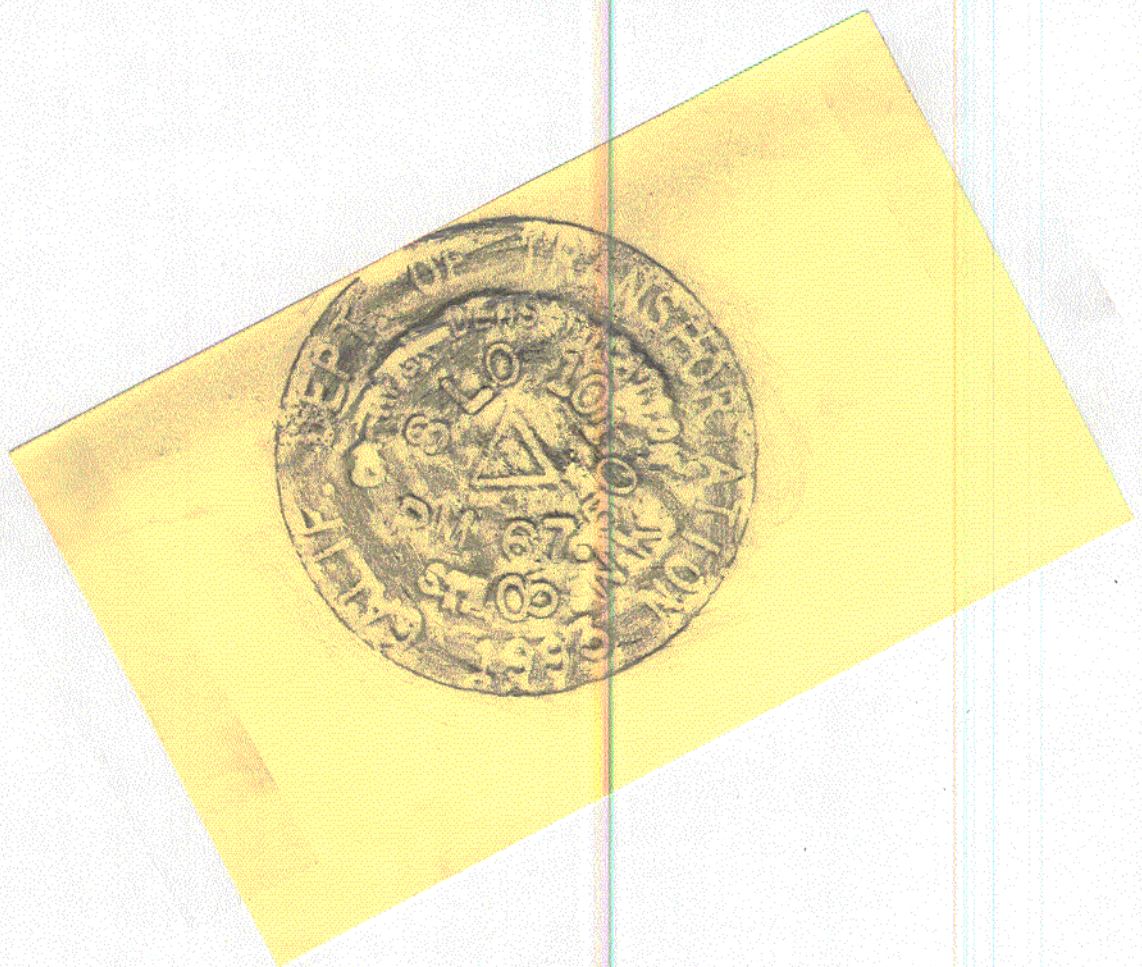
PHOTOGRAPH LOG

Frame # or File name	Description

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

Log Checked By: R.B.M.

Date: 8-10-2004



7-12-2004

05NK

194 Session 01

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092
Observation Date: JULY 12 2004 ✓	Day of Year: 194 ✓		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: HOG ✓	PID: GU3516 ✓
4 Character ID: HOGG ✓ File Name(s): HOGG1942 ✓ File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled Start Time (Local) 1130 ✓ Start Time (UTC) 1830 ✓ End Time (Local) 1215 ✓ End Time (UTC) 1915 ✓		
Actual Start Time (Local) 1056 ✓ Start Time (UTC) 1756 ✓ End Time (Local) 1216 ✓ End Time (UTC) 1916 ✓		

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 15 meters NLY (direction) from antenna and (Above/Below)
 Pencil rubbing ☒ or sketch ☐ attached (Y/N) If no explain _____

PHOTOGRAPH LOG

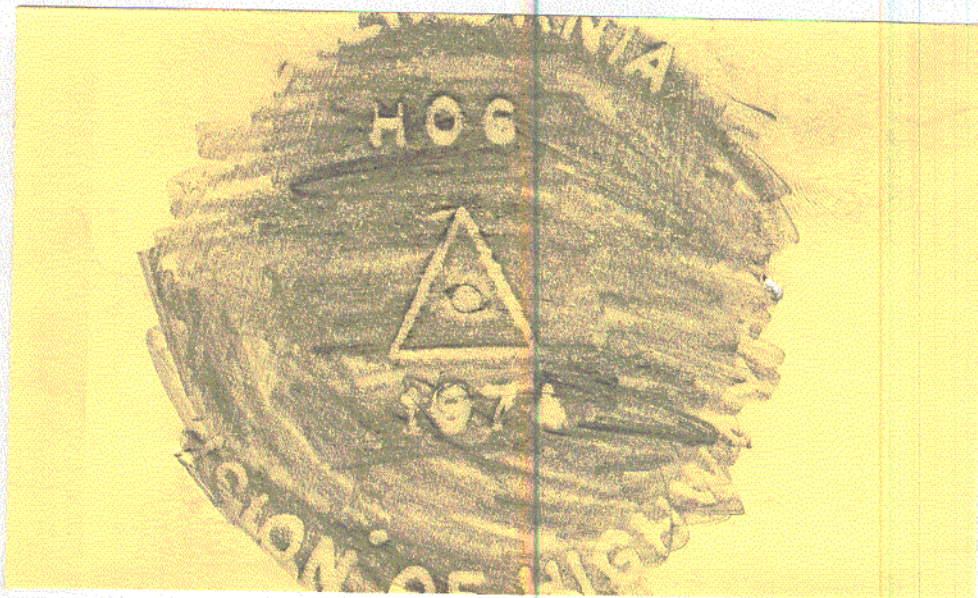
Frame # or File name	Description

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

PDOP 1.4 AT START
 FIXED TRIPOD POINT FALLS ABOUT 6MM OR
 0.02 FT BELOW TOP OF BRASS CAP

Log Checked By: R.B.M.

Date: 8-10-2004



7-12-2004

HOGG

194 Session 02

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092
Observation Date: JULY 12 2004 ✓	Day of Year: 194 ✓	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 #: 3 ✓	Station Name: SLO 101 PM 46.87 ✓	PID: FV2077 ✓
4 Character ID: PM46 ✓ File Name(s): PM461943 ✓		
File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled		
Start Time (Local) 130 ✓	Start Time (UTC) 2030 ✓	End Time (Local) 215 ✓ End Time (UTC) 2115 ✓
Actual		
Start Time (Local) 122 ✓	Start Time (UTC) 2022 ✓	End Time (Local) 216 ✓ End Time (UTC) 2116 ✓

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 10 M
Vehicle is parked 25 meters	WEST (direction) from antenna and (Above/Below)	
Pencil rubbing ☒ or sketch ☐ attached (Y/N) (Y)	If no explain _____	

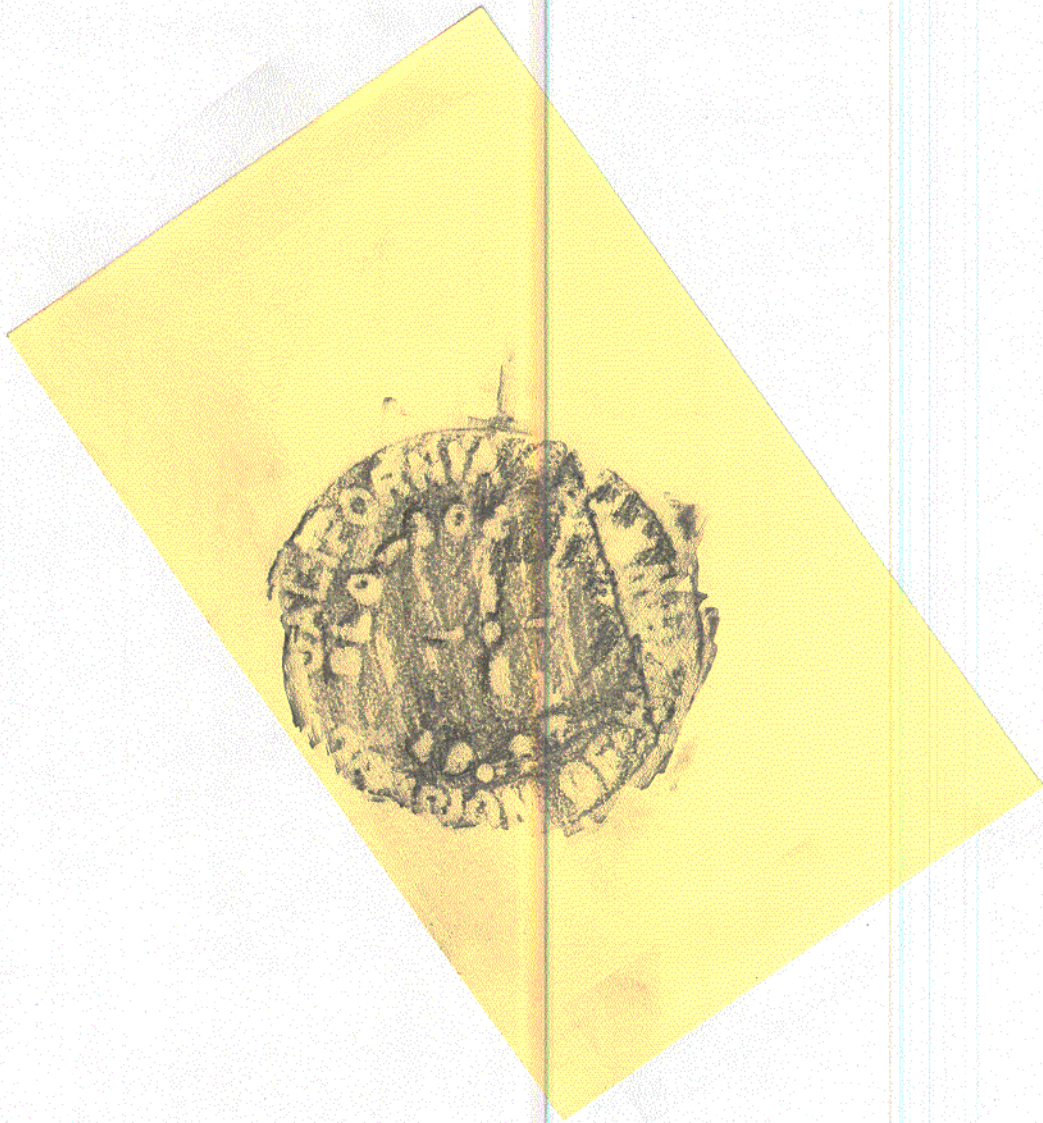
PHOTOGRAPH LOG

Frame # or File name	Description

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

Log Checked By: R.B.M.

Date: 8-10-2004



7-12-2004

PM46
(SLO 101 PM46.87)

194 Session 03

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092
Observation Date: JULY 12 2004 ✓	Day of Year: 194 ✓	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: SLO 101 PM 46.87 ✓	PID: FV2077 ✓
4 Character ID: PM 46 ✓ File Name(s): PM461944 ✓		
File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		

Scheduled			
Start Time (Local) 330 ✓	Start Time (UTC) 2230 ✓	End Time (Local) 415 ✓	End Time (UTC) 2315 ✓
Actual			
Start Time (Local) 322 ✓	Start Time (UTC) 2222 ✓	End Time (Local) 416 ✓	End Time (UTC) 2316 ✓

ANTENNA INFORMATION

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

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

Antenna plumb before session? (Y/N) Y	Antenna plumb after session? (Y/N) Y	Antenna cable length 10 M
Vehicle is parked 25 meters	WEST (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.

Log Checked By: R.B.M.

Date: 8-10-2004



7-12-2004

PM46
(SLO 101 PM 46.87)

194 Session 04

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092
Observation Date: 7-12-04 ✓	Day of Year: 194 ✓	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: 0220308161 ✓
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 #: 1 ✓	Station Name: YORK ✓	PID: none (new)
4 Character ID: YORK ✓ File Name(s): YORK1941 ✓ File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled Start Time (Local) 0930 ✓ Start Time (UTC) 1630 ✓ End Time (Local) 1015 ✓ End Time (UTC) 174515 ✓		
Actual Start Time (Local) 0900 ✓ Start Time (UTC) 1400 ✓ End Time (Local) 1015 ✓ End Time (UTC) 174515 ✓		

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 10m
Vehicle is parked 10' meters	WLY (direction) from antenna and (Above/Below)	
Pencil rubbing ☒ or sketch ☐ attached ☒ (Y/N) If no explain		

PHOTOGRAPH LOG

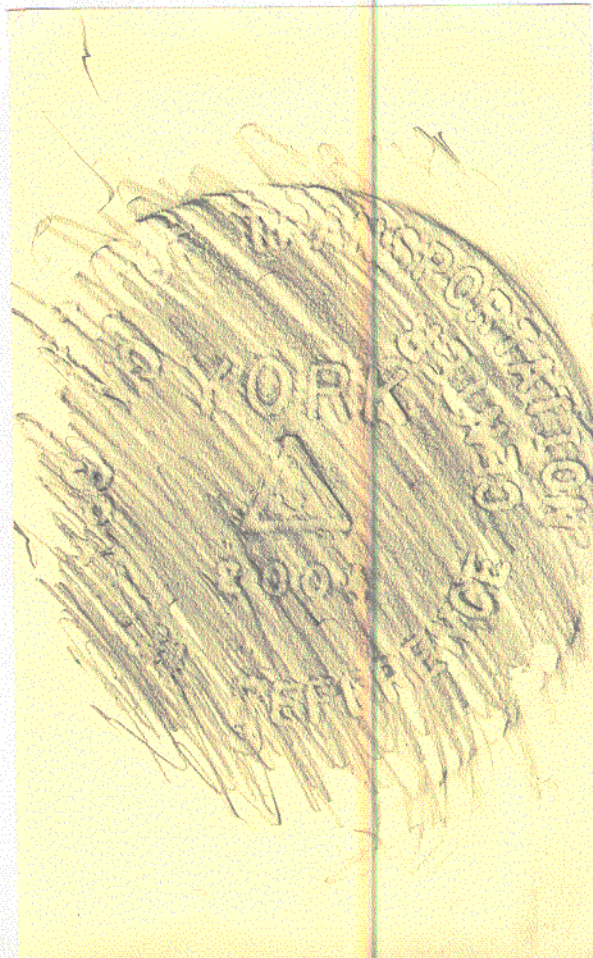
Frame # or File name	Description

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

warm

Log Checked By: R.B.M.

Date: 8-10-2004



7-12-2004

YORK

194 Session 01

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092	
Observation Date: 7-12-04 ✓		Day of Year: 194 ✓		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 #: 2 ✓		Station Name: 0508 ✓		PID: FV2051 ✓	
4 Character ID: 0508 ✓		File Name(s): 05081942 ✓		CAPS	
File Name Format = aaaadddd.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension					
Scheduled					
Start Time (Local) 1130 ✓		Start Time (UTC) 1830 ✓		End Time (Local) 1215 ✓	
				End Time (UTC) 2015 ✓	
Actual					
Start Time (Local) 1105 ✓		Start Time (UTC) 1805 ✓		End Time (Local) 1215 ✓	
				End Time (UTC) 1915 ✓	

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 10m	
Vehicle is parked 10 meters		ELY (direction) from antenna and (Above/Below)			
Pencil rubbing ☒ or sketch ☐		attached (Y/N) (Y)		If no explain _____	

PHOTOGRAPH LOG

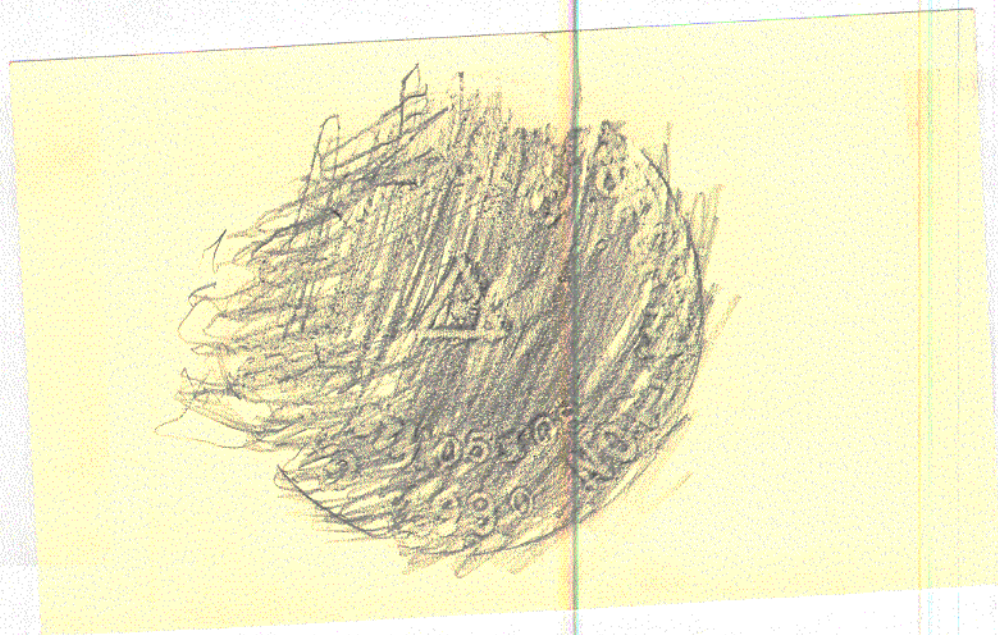
Frame # or File name	Description

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

Hot

Log Checked By: R.B.M.

Date: 8-10-2004



7-12-2004

0508

194 Session 02

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092
Observation Date: 7-12-04 ✓	Day of Year: 194 ✓	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 #: 3 ✓	Station Name: A 1315 ✓	PID: FV1095 ✓
4 Character ID: 1315 A131 ^{Edit} File Name(s): 13151943 A1311943 (Edited) CRPS File Name Format = aaaadddd.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled Start Time (Local) 130 ✓ Start Time (UTC) 2000 ²⁰³⁰ End Time (Local) 215 ✓ End Time (UTC) 2015 ✓ Actual Start Time (Local) 128 ✓ Start Time (UTC) 2028 ✓ End Time (Local) 215 ✓ End Time (UTC) 2015 ✓		

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	1.800	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 10 meters	ELY (direction) from antenna and (Above/Below)	
Pencil rubbing ☒ or sketch ☐ attached (Y/N) (Y)	If no explain _____	

PHOTOGRAPH LOG

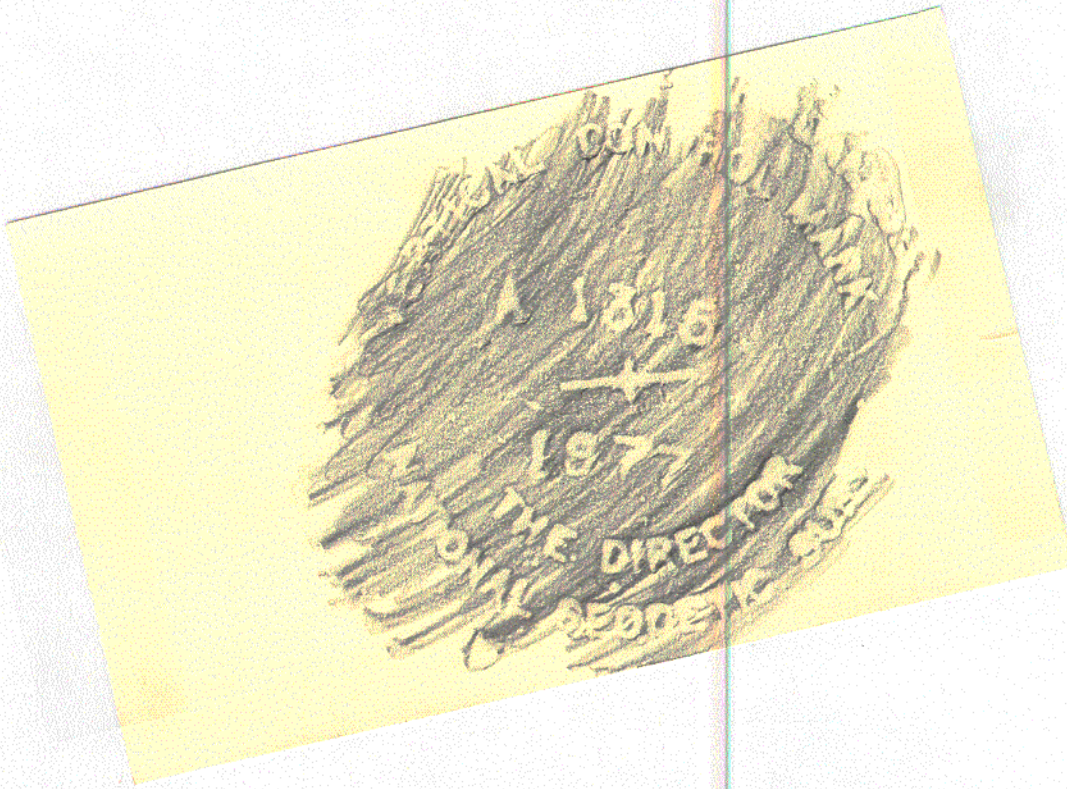
Frame # or File name	Description

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

clear
f
some wind

Log Checked By: R.B.M.

Date: 8-10-2004



7-12-2004

A131
(A 1315)

Session 03

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092
Observation Date: 7-12-04 ✓	Day of Year: 194 ✓	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 #: 4 ✓	Station Name: YORK ✓	PID: none (new)
4 Character ID: YORK ✓ File Name(s): YORK 1944 ✓ File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled Start Time (Local) 330 ✓ Start Time (UTC) 2230 ✓ End Time (Local) 415 ✓ End Time (UTC) 2315 ✓		
Actual Start Time (Local) 310 ✓ Start Time (UTC) 2210 ✓ End Time (Local) 415 ✓ End Time (UTC) 2315 ✓		

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 10 meters WLY (direction) from antenna and (Above/Below)		
Pencil rubbing ☒ or sketch ☐ attached ☒ If no explain _____		

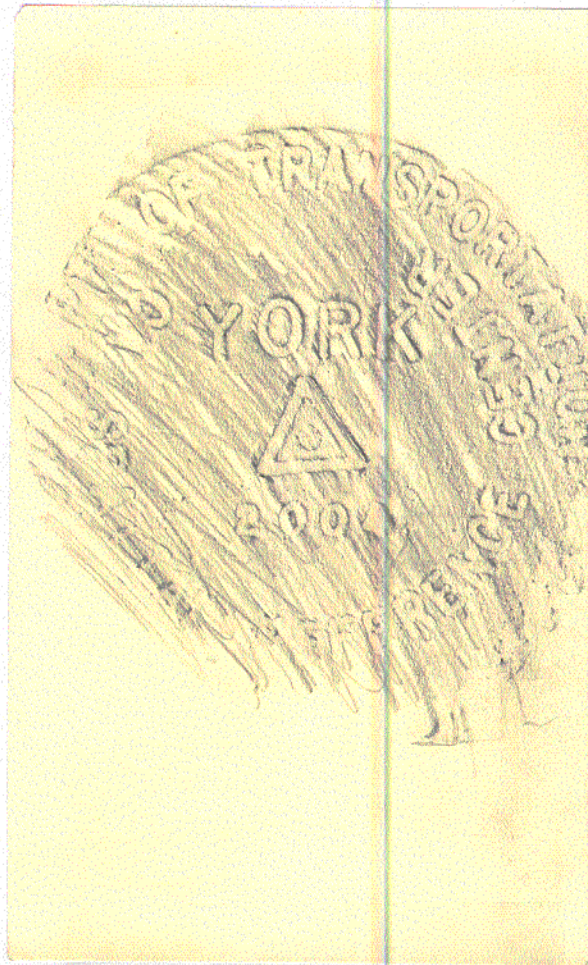
PHOTOGRAPH LOG

Frame # or File name	Description

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

WARM
WIND

Log Checked By: R.B.M.	Date: 8-10-2004
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7-12-2004

YORK

194 Session 04

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092
Observation Date: 7-12-04 ✓	Day of Year: 194 ✓	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: Y707 ✓	PID: FV0048 ✓
4 Character ID: Y707 ✓ File Name(s): Y707 1941 ✓		
File Name Format = aaaadddd.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		

Scheduled			
Start Time (Local) 7:30 AM ✓	Start Time (UTC) 1630 ✓	End Time (Local) 10:15 AM ✓	End Time (UTC) 1715 ✓
Actual			
Start Time (Local) 7:08 AM ✓	Start Time (UTC) 1608 ✓	End Time (Local) 10:15 AM ✓	End Time (UTC) 1715 ✓

ANTENNA INFORMATION

Fixed Height Tripod ☐	Collapsible Leg Tripod ☐	Other ☒ Describe: SECO ADJUSTABLE
Tripod #: B	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	1.500	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

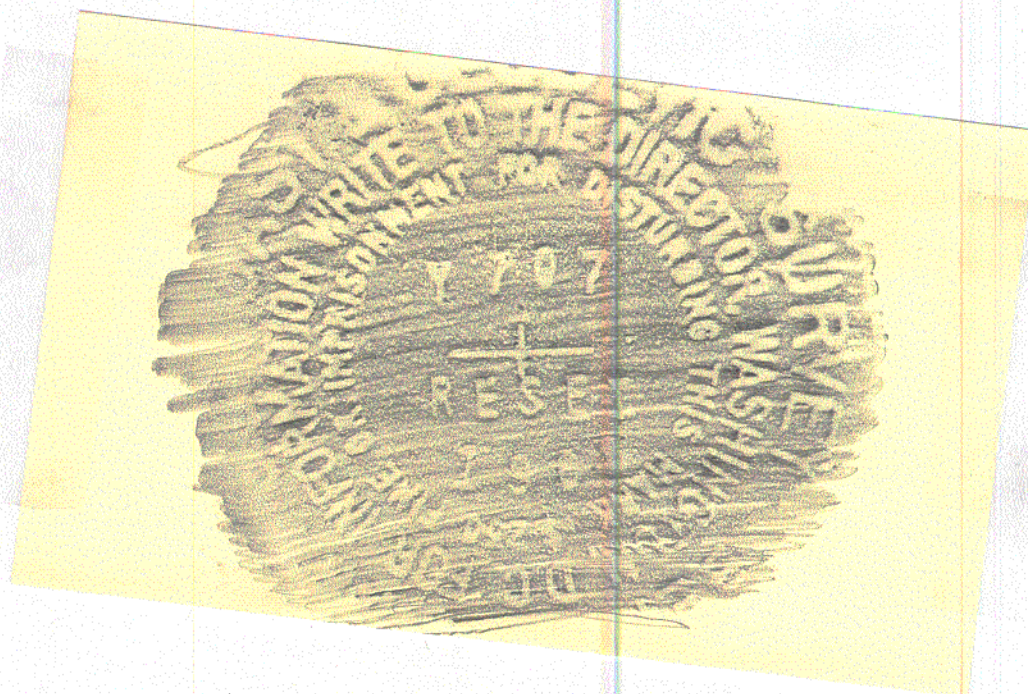
Antenna plumb before session? ☒ (Y/N)	Antenna plumb after session? ☒ (Y/N)	Antenna cable length 10M
Vehicle is parked 12 meters	5'4" (direction) from antenna and (Above/Below)	
Pencil rubbing ☒ or sketch ☐ attached ☒ (Y/N)	If no explain	

PHOTOGRAPH LOG

Frame # or File name	Description

Remarks, Weather, Comments on Problems, Sketches, etc. Pinned center section tripod

Log Checked By: R.B.M.	Date: 8-10-2004
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7-12-2004

Y707

194 Session 01

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092
Observation Date: 7-12-04 ✓	Day of Year: 194 ✓	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: HPGND CA 05NK ✓	PID: FV 2072 ✓
4 Character ID: 05NK ✓ Edit File Name(s): 05NK1942 ✓		CAPS
File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		

Scheduled			
Start Time (Local) 11:30 AM ✓	Start Time (UTC) 1830 ✓	End Time (Local) 12:15 PM ✓	End Time (UTC) 1915 ✓
Actual			
Start Time (Local) 11:06 AM ✓	Start Time (UTC) 1806 ✓	End Time (Local) 12:15 PM ✓	End Time (UTC) 1915 ✓

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 1.0 m
Vehicle is parked 12 meters	NLY (direction) from antenna and (Above/Below) LEVEL	
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: 8-10-2004
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7-12-2004

05 NK

194 Session 02

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092
Observation Date: 7-12-04 ✓	Day of Year: 194 ✓		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 #: 3 ✓	Station Name: RETAIN ✓	PID: NONE ✓
4 Character ID: RETA ✓ Edit File Name(s): RETA 1943 ✓		
File Name Format = aaaadddd.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled		
Start Time (Local) 1:30pm ✓	Start Time (UTC) 2030 ✓	End Time (Local) 2:15pm ✓ End Time (UTC) 2115 ✓
Actual		
Start Time (Local) 1:12pm ✓	Start Time (UTC) 2012 ✓	End Time (Local) 2:15pm ✓ End Time (UTC) 2115 ✓

ANTENNA INFORMATION

Fixed Height Tripod ☒	Collapsible Leg Tripod ☐	Other ☐ Describe SECO
Tripod #: 7	Tripod Manufacturer:	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	5.91	1.800	5.91
B = Additional offset to ARP if any (Quick Release/ HH constant)	0	0	0	0
H = Antenna Height = A+B = Datum Point to Antenna Reference Point (ARP) Note: ARP is Bottom of Antenna Mount	1.800	5.91	1.800	5.91

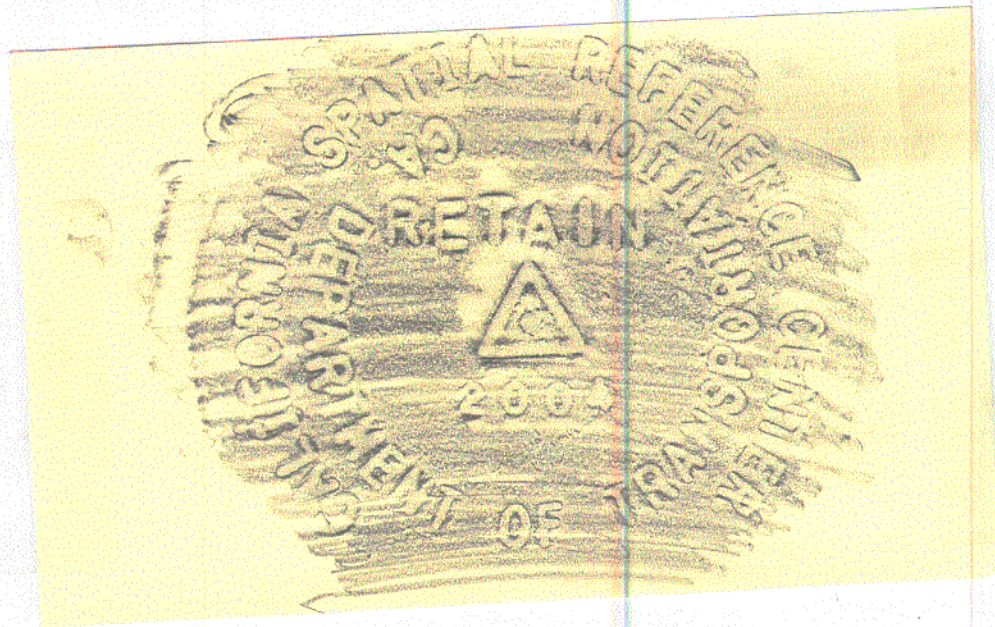
Antenna plumb before session? (Y/N) (Y)	Antenna plumb after session? (Y/N) (Y)	Antenna cable length 10m
Vehicle is parked 25 meters	E.L.V. (direction) from antenna and (Above/Below)	
Pencil rubbing ☒ or sketch ☐ attached (Y/N) (Y)	If no explain	

PHOTOGRAPH LOG

Frame # or File name	Description

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

Log Checked By: R.B.M.	Date: 8-10-2004
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7-12-2004

RETA

194 Session 03

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092	
Observation Date: 7-12-04 ✓		Day of Year: 194 ✓		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: 0220298185 ✓	
Controller #: 7 ✓ P/N: 45185-10 ✓	Manufacturer: Trimble	Model: TSCe Firmware Version: Survey Controller v 10.72	S/N: 00028931 ✓	
Antenna #: 7 ✓ P/N: 41249-00	Manufacturer: Trimble DC: 4313	Model: Zephyr Geodetic	S/N: 12425996 ✓	

OBSERVATION TECHNIQUE

Static ☒

Session #: 4 ✓	Station Name: B707 ✓	PID: FV0967 ✓
4 Character ID: B707 ✓ File Name(s): B7071944 ✓		
File Name Format = aaaadddd.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		

Scheduled			
Start Time (Local) 3:30 PM ✓	Start Time (UTC) 2230 ✓	End Time (Local) 4:15 PM ✓	End Time (UTC) 2315 ✓
Actual			
Start Time (Local) 3:17 PM ✓	Start Time (UTC) 2217 ✓	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):	1B

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

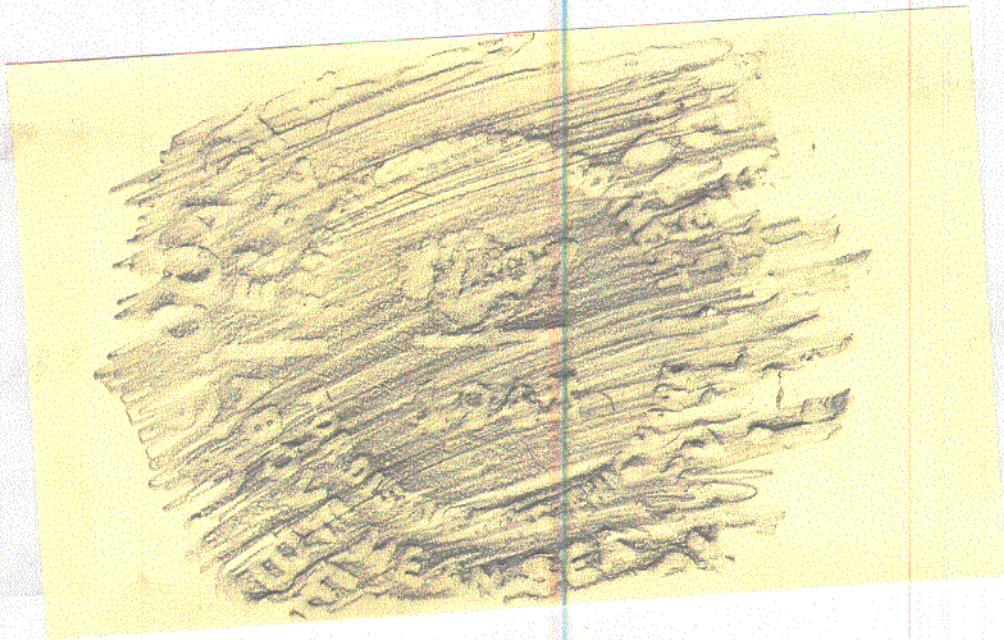
Antenna plumb before session? (Y/N) Y	Antenna plumb after session? (Y/N) Y	Antenna cable length 10m
Vehicle is parked 30m meters	E'LY (direction) from antenna and (Above/Below)	
Pencil rubbing ☒ or sketch ☐ attached (Y/N) Y	If no explain	

PHOTOGRAPH LOG

Frame # or File name	Description

Remarks, Weather, Comments on Problems, Sketches, etc.
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Log Checked By: R.B.M.	Date: 8-10-2004
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7-12-2004

B707

194 Session 04