

J.D. 209 (7-27-2004)

Session 01 08:14 - 09:17

Session 02 09:34 - 11:18

Session 03 12:04 - 13:16

Session 04 14:17 - 15:51

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092	
Observation Date: 1-27-04 ✓		Day of Year: 209 ✓		EA: 908160
Operator: KEITH ALBERT FORSBERG KEITH ALBERT FORSBERG			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 #: 1 ✓	Station Name: 05LL ✓	PID: FV2069 ✓
4 Character ID: 05LL ✓ File Name(s): 05LL2091 ✓		
File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled		
Start Time (Local) 8:30 ✓	Start Time (UTC) 15:30 ✓	End Time (Local) 9:15 ✓ End Time (UTC) 16:15 ✓
Actual		
Start Time (Local) 8:15	Start Time (UTC) 15:15	End Time (Local) 9:15 End Time (UTC) 16:15

ANTENNA INFORMATION

Fixed Height Tripod ☒	Collapsible Leg Tripod ☐	Other ☐ Describe
Tripod #: 1	Tripod Manufacturer: SELO	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	EAST	(direction) from antenna and (Above/Below)
Pencil rubbing ☒ or sketch ☐ attached ☒ (Y/N)	If no explain	

PHOTOGRAPH LOG

Frame # or File name	Description
	SAND BAGS ON ALL 3 FEET.
	ANTENNA CONNECTOR POINTS NORTH.

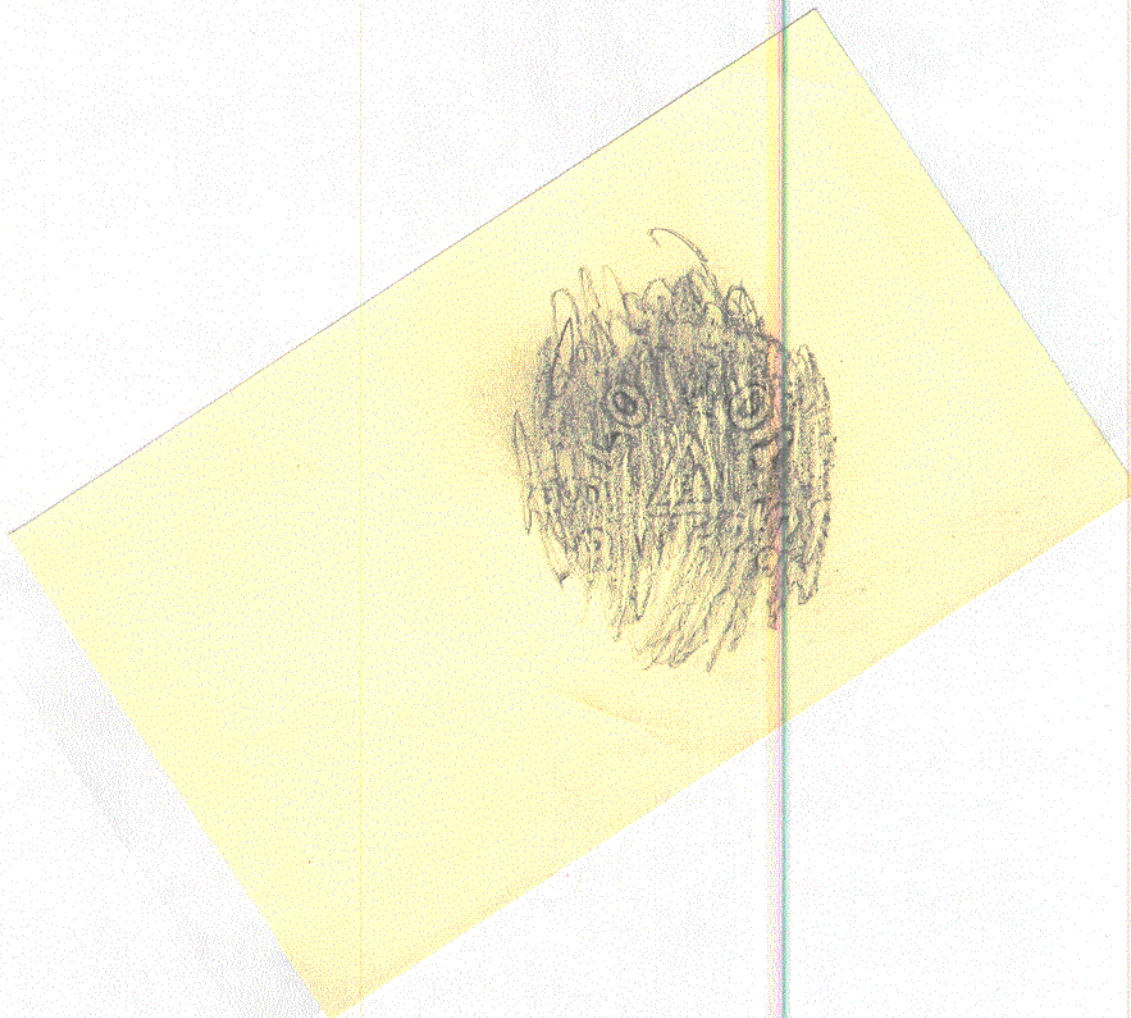
Remarks, Weather, Comments on Problems, Sketches, etc.

* WOULD NOT ACCEPT FILE NAME 05LL2091.
I USED 05LL WHICH IT ACCEPTED.
I FORGOT TO END SURVEY,
STILL IN STOCKTON STATIC MODE.

No
Date

Log Checked By: R.B.M.

Date: 8-11-2004



7-27-2004

05LL

209 Session 01

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092	
Observation Date: 7-27-2004		Day of Year: 209 ✓		EA: 908160
Operator: RELSBROOK KEITH ALBERT FORSBERG ✓			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: 05LL ✓	PID: FV2069 ✓
4 Character ID: 05LL ✓ File Name(s): 05LL2092 ✓		
File Name Format = aaaadddd.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled		
Start Time (Local) 10:30 ✓	Start Time (UTC) 17:30 ✓	End Time (Local) 11:15 ✓ End Time (UTC) 18:15 ✓
Actual		
Start Time (Local) 10:30 ✓	Start Time (UTC) 17:30 ✓	End Time (Local) 11:15 ✓ End Time (UTC) 18:15 ✓

ANTENNA INFORMATION

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

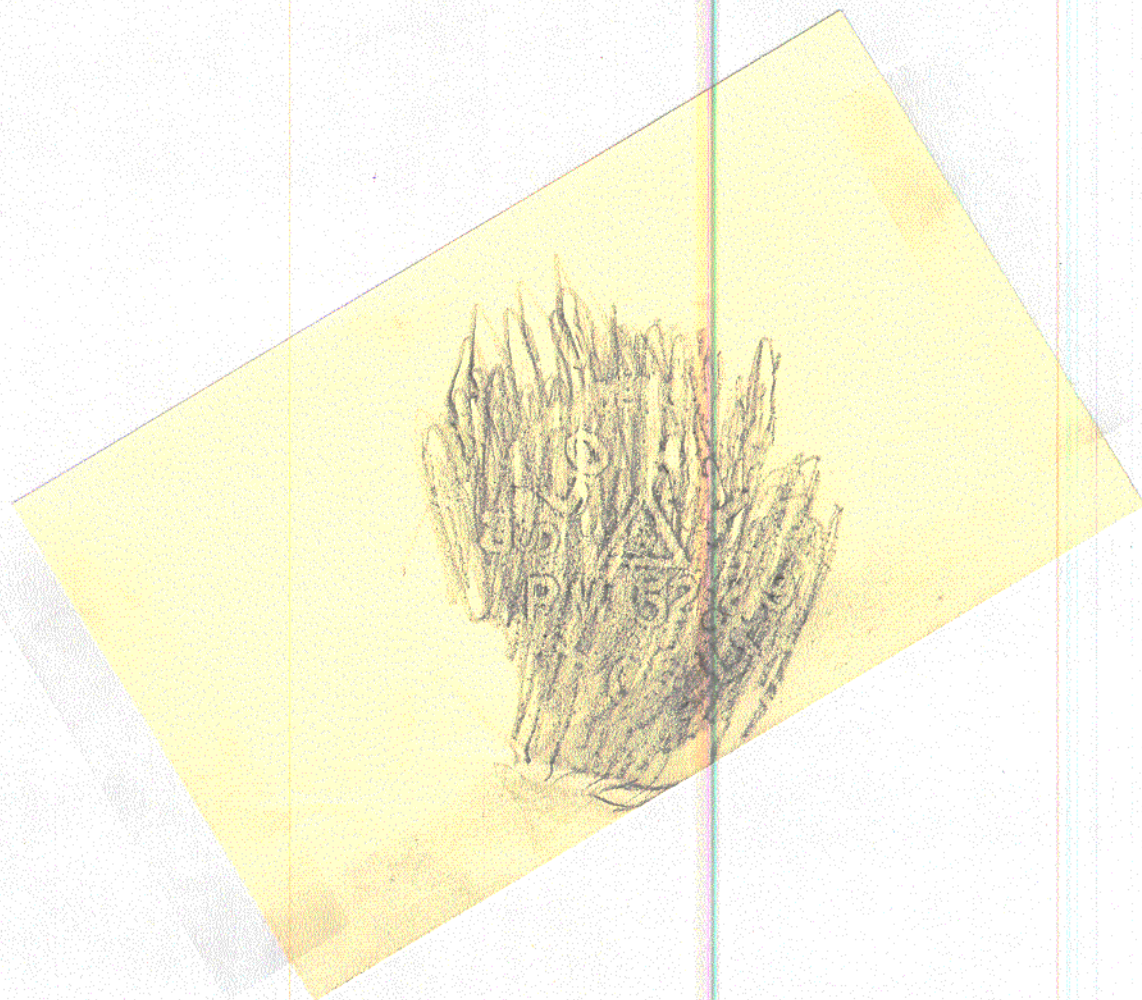
ANTENNA HEIGHT	Before Session Begins		After Session ends	
	Meters	Feet	Meters	Feet
A = Datum point to Top of Tripod or Height Hook reading	2.00			
B = Additional offset to ARP if any (Quick Release/ HH constant)	0.00			
H = Antenna Height = A+B = Datum Point to Antenna Reference Point (ARP) Note: ARP 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 EAST (direction) from antenna and (Above/Below)		
Pencil rubbing ☒ or sketch ☐ attached (Y/N) (Y) ✓ If no explain _____		

PHOTOGRAPH LOG

Frame # or File name	Description
	SAND BAGS ON ALL 3 FEET.
	ANTENNA CONNECTOR POINTS NORTH.

Remarks, Weather, Comments on Problems, Sketches, etc. I STARTED 2ND SESSION AT 9:20, I CHECKED RECEIVER AT 10:25 AND THERE WAS THE MESSAGE "CAN'T CONNECT TO RECEIVER" I STARTED FROM THE BEGINNING AND THE DATA COLLECTOR CONNECTED TO THE RECEIVER, THEN MEASURED THE POINT. FORGOT TO END PREVIOUS SESSION.
Log Checked By: R.B.M. Date: 8-11-2004



7-27-2004

05LL

209 Session 02

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092
Observation Date: 7-27-04	Day of Year: 209	EA: 908160	
Operator: KEITH ALBERT FORSBERG		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: 05HK	PID: FV2065 Edit
4 Character ID: 05HK File Name(s): 05HK2093 Edited		
File Name Format = aaaadddd.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		

Scheduled			
Start Time (Local) 12:30	Start Time (UTC) 19:30	End Time (Local) 13:15	End Time (UTC) 20:15
Actual			
Start Time (Local) 12:05	Start Time (UTC) 19:05	End Time (Local) 13:15	End Time (UTC) 20:15

ANTENNA INFORMATION

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

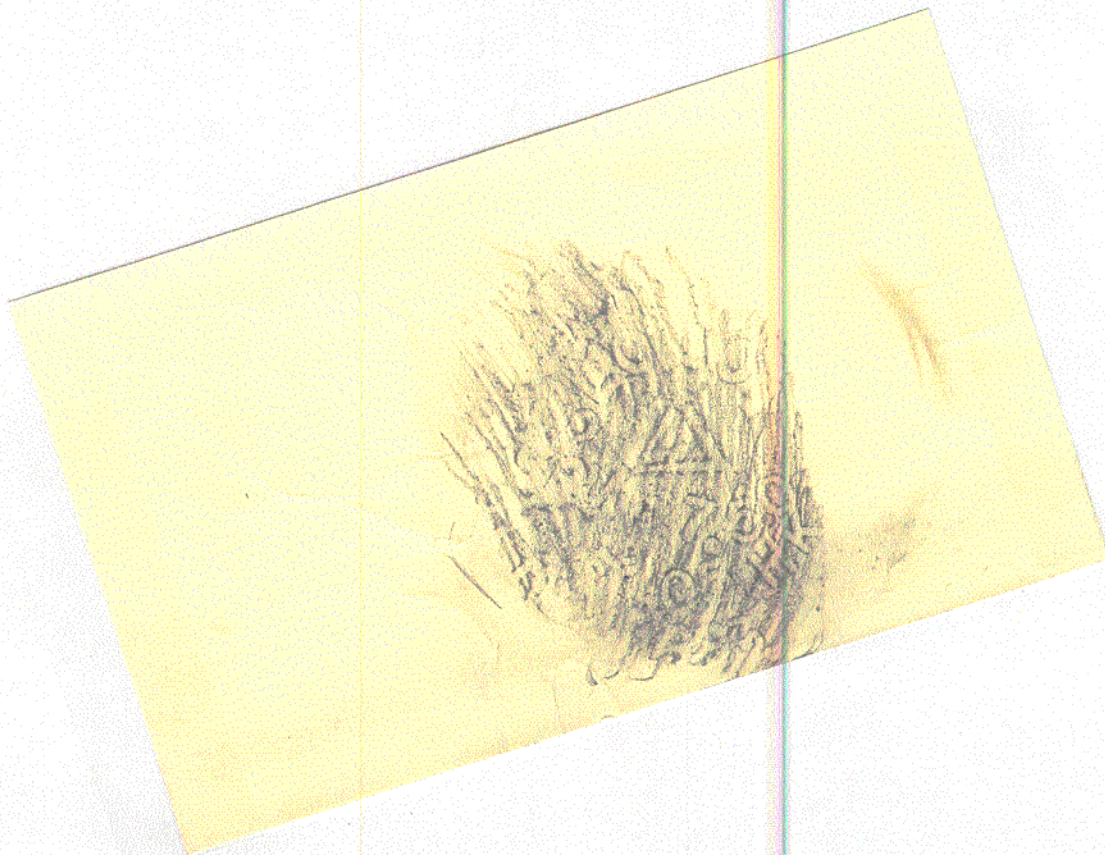
ANTENNA HEIGHT	Before Session Begins		After Session ends	
	Meters	Feet	Meters	Feet
A = Datum point to Top of Tripod or Height Hook reading	2.00			
B = Additional offset to ARP if any (Quick Release/ HH constant)	0.00			
H = Antenna Height = A+B = Datum Point to Antenna Reference Point (ARP) Note: ARP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

Antenna plumb before session? (Y/N)	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	

PHOTOGRAPH LOG

Frame # or File name	Description

Remarks, Weather, Comments on Problems, Sketches, etc. SAND BAGS ON ALL 3 FEET. ANTENNA CONNECTOR POINTS NORTH. Point named incorrectly in file - edit to 05HK
Log Checked By: R.B.M. Date: 8-11-2004



7-27-2004

05 HK

209 Session 03

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092
Observation Date: 7-27-04 ✓	Day of Year: 209 ✓		EA: 908160
Operator: REX BRAD KETH ALBERT FORSBERG ✓		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 #: 4 ✓	Station Name: TEXACO ✓	PID: FW 1813 ✓ Edit
4 Character ID: TEXA Edit File Name(s): TEXA209A ✓		
File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled		
Start Time (Local) 14:30 ✓	Start Time (UTC) 21:30 ✓	End Time (Local) 15:15 ⁵⁰ ✓
		End Time (UTC) 22:15 ⁵⁰ ✓
Actual		
Start Time (Local) 14:20 ✓	Start Time (UTC) 21:20 ✓	End Time (Local) 14:33 ⁵⁰ ✓
		End Time (UTC) 21:33 ⁵⁰ ✓

ANTENNA INFORMATION

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

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

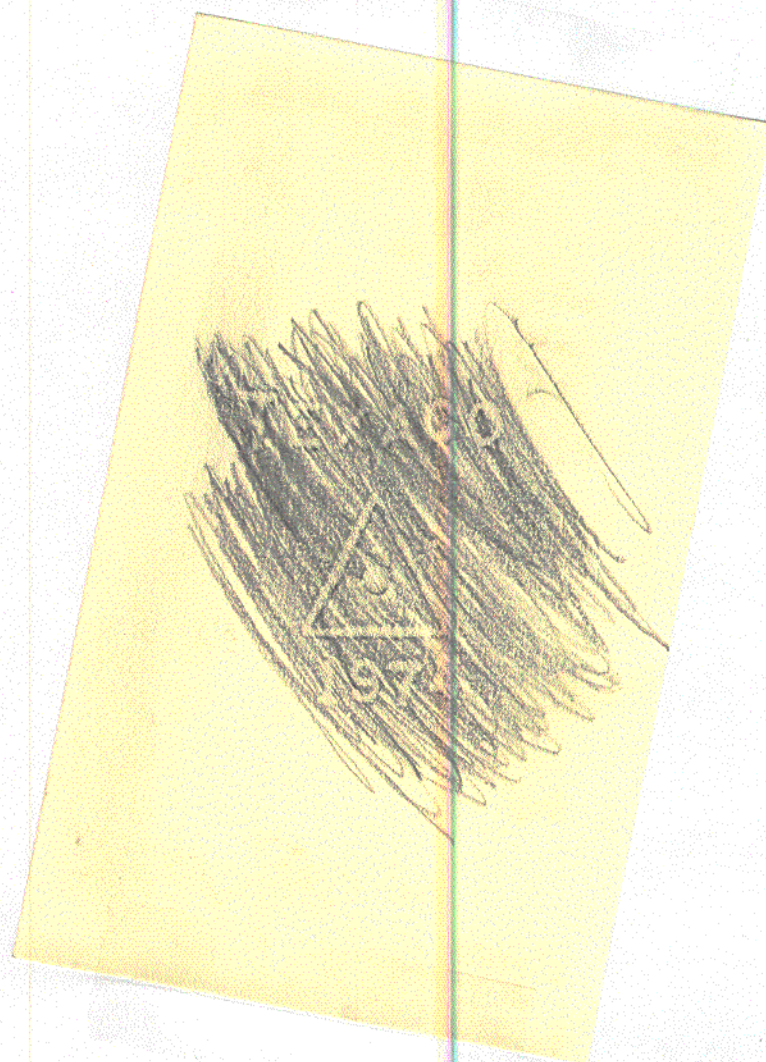
Antenna plumb before session? (Y)N	Antenna plumb after session? (Y)N	Antenna cable length 10 m
Vehicle is parked 30 meters	WEST (direction) from antenna and (Above/Below)	
Pencil rubbing ☒ or sketch ☐ attached (Y)N	If no explain	

PHOTOGRAPH LOG

Frame # or File name	Description

Only
13 mins.
of Data

Remarks, Weather, Comments on Problems, Sketches, etc.
SAND BAGS ON ALL 3 FEET. ANTENNA CONNECTOR POINTS NORTH. RECEIVER DISCONNECTED - DON'T KNOW WHEN
Log Checked By: R.B.M.
Date: 8-11-2004



7-27-2004

TEXA

209 Session 04

GPS FIELD OBSERVATION LOG

209 - 1

Project Name: San Simeon HPGN Reobservation		SR#: 04-05-0092 HPGN
Observation Date: 209 7-27-04 ✓	Day of Year: 209 7-27-04 ✓	EA: 908160
Operator: GUY STILINOVICH ✓		Agency: CalTrans - District 05
Receiver #: 2 ✓	Manufacturer: Trimble	Model: 5700
P/N: 40406-46		S/N: 0440 100 986 ✓
Controller #: A ✓	Manufacturer: Trimble	Model: TSCe
P/N: 45185-10		S/N: 0000 26 155 ✓
Antenna #: 2 ✓	Manufacturer: Trimble	Model: Zephyr Geodetic
P/N: 41249-00	DC: 4126	S/N: 11884506 ✓

OBSERVATION TECHNIQUE

Static ☒

Session #: 1 ✓	Station Name: YORK ✓ (SET 2004)	PID: NONE ✓ Edit
4 Character ID: YORK ✓ File Name(s): YORK 2091 ✓		
File Name Format = aaaadddd.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled		
Start Time (Local) 0830 ✓	Start Time (UTC) 1530 ✓	End Time (Local) 0915 ✓
End Time (UTC) 1615 ✓		
Actual		
Start Time (Local) 0831 ✓	Start Time (UTC) 1531 ✓	End Time (Local) 0916 ✓
End Time (UTC) 1616 ✓		

ANTENNA INFORMATION

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

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)	—	—	—	—
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 30 meters SE (direction) from antenna and (Above/Below)

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

PHOTOGRAPH LOG

Frame # or File name	Description
YORK 2091	

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

1) P DOP = 2.2, 8 SATS. 3, 9, 14, 15, 18, 19, 21, 22

Log Checked By: R.B.M.

Date: 8-11-2004

GPS FIELD OBSERVATION LOG

209-2

Project Name: San Simeon HPGN Reobservation		SR#: 0405-HPGN 0092	
Observation Date: 7-27-04 ✓	Day of Year: 209 ✓	EA: 908160	
Operator: GUY STILNOVICH ✓		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: X000 26155 ✓	
Antenna #: 2 ✓ P/N: 41249-00	Manufacturer: Trimble Model: Zephyr Geodetic DC: 4126	S/N: 11884506 ✓	

OBSERVATION TECHNIQUE

Static ☒

Session #: 2 ✓	Station Name: YORK ✓	PID: NONE ✓ Edit
4 Character ID: YORK ✓ File Name(s): YORK 209 2 ✓ File Name Format = aaaadddd.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled Start Time (Local) 10:30 ✓ Start Time (UTC) 1730 ✓ End Time (Local) 11:15 ✓ End Time (UTC) 1815 ✓		
Actual Start Time (Local) 9:24 ✓ Start Time (UTC) 1734 ✓ End Time (Local) 11:17 ✓ End Time (UTC) 1817 ✓		

ANTENNA INFORMATION

Fixed Height Tripod ☒	Collapsible Leg Tripod ☐	Other ☐ Describe _____
Tripod #: 2	Tripod Manufacturer: SECO	Tripod Color: GREEN
Adjustment - Verified ☒	Adjusted ☐ (Initials): J.S.	

ANTENNA HEIGHT	Before Session Begins		After Session ends	
	Meters	Feet	Meters	Feet
A = Datum point to Top of Tripod or Height Hook reading	2.000	—	2.000	—
B = Additional offset to ARP if any (Quick Release/ HH constant)	—	—	—	—
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 30 meters SE (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.

2) PDOP = 1.9 8 SATS 3.9 14,15 18,19. 21,22

Log Checked By: R.B.M.

Date: 8-11-2004



GPS FIELD OBSERVATION LOG

209 - 3

Project Name: San Simeon HPGN Reobservation		SR#: 405-HPGN 0092
Observation Date: 7-27-04 ✓	Day of Year: 209 ✓	EA: 908160
Operator: GUY STILINOVICH ✓		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: 8000 26155 ✓
Antenna #: 2 ✓ P/N: 41249-00	Manufacturer: Trimble Model: Zephyr Geodetic DC: 4126	S/N: 1188 4506 ✓

OBSERVATION TECHNIQUE

Static ☒

Session #: 3 ✓	Station Name: 05KL ✓	PID: FV2067 ✓ Edit
4 Character ID: 05KL ✓ File Name(s): 05KL2093 ✓ File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled Start Time (Local) 12:30 ✓ Start Time (UTC) 19:30 ✓ End Time (Local) 21:15 ✓ End Time (UTC) 2015 1315		
Actual Start Time (Local) 12:11 ✓ Start Time (UTC) 19:11 ✓ End Time (Local) 21:15 ✓ End Time (UTC) 2015 1315		

ANTENNA INFORMATION

Fixed Height Tripod ☒	Collapsible Leg Tripod ☐	Other ☐ Describe _____
Tripod #: 2	Tripod Manufacturer: SECO	Tripod Color: GREEN
Adjustment - Verified ☒	Adjusted ☐ (Initials): 28	

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)	—	—	—	—
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
 Vehicle is parked 40 meters W (direction) from antenna and (Above/Below)
 Pencil rubbing ☒ or sketch ☐ attached (Y/N) If no explain ON BACK

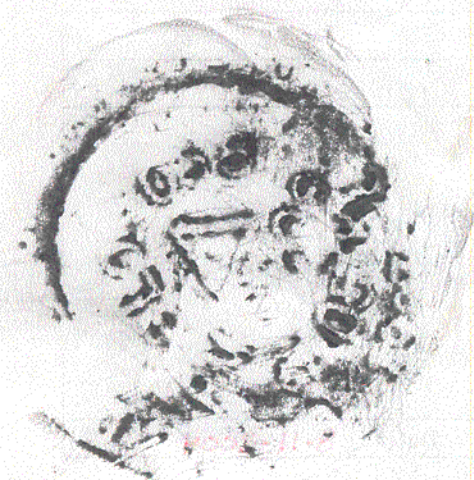
PHOTOGRAPH LOG

Frame # or File name	Description

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

Log Checked By: R.B.M.

Date: 8-11-2004



GPS FIELD OBSERVATION LOG

209-4

Project Name: San Simeon HPGN Reobservation		SR#: 0405-HPGN 0092	
Observation Date: 7-27-04 ✓	Day of Year: 209 ✓	EA: 908160	
Operator: GUY STILINOVICH ✓		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: 1188 4506 X000 26155 ✓	
Antenna #: 2 ✓ P/N: 41249-00	Manufacturer: Trimble Model: Zephyr Geodetic DC: 4126	S/N: 1188 4506 ✓	

OBSERVATION TECHNIQUE

Static ☒

Session #: 4 ✓	Station Name: X1449 ✓	PID: FV 1942 ✓ Edit
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4 Character ID: X144 ✓ File Name(s): X144 2094 ✓
 File Name Format = aaaadddd.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension

Scheduled			
Start Time (Local) 2:30 ✓	Start Time (UTC) 2130 ✓	End Time (Local) 315 ✓	End Time (UTC) 2215 ✓
Actual			
Start Time (Local) 2:17 ✓	Start Time (UTC) 2117 ✓	End Time (Local) 15:50 315	End Time (UTC) 2250 2215

ANTENNA INFORMATION

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

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)	—	—	—	—
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
 Vehicle is parked 40 meters N (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.

4) USED STEEL ROD SLEEVE ON POINT

Log Checked By: R.B.M.

Date: 8-11-2004

34-24-10000-0000

11-11-1974

11-11-1974

11-11-1974

11-11-1974

11-11-1974

11-11-1974

11-11-1974

11-11-1974

11-11-1974

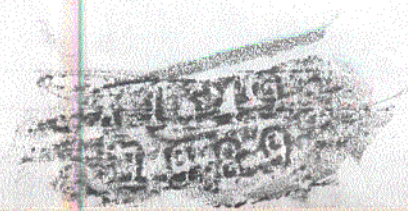
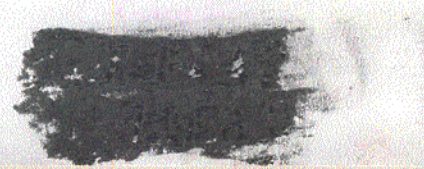
11-11-1974

11-11-1974

11-11-1974

11-11-1974

11-11-1974



GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092
Observation Date: 7-27-04	Day of Year: 209	EA: 908160	
Operator: RICH HAWKES		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: TSCc	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 ✓		

OBSERVATION TECHNIQUE

Static ☒

Session #: ① ✓	Station Name: HPGND CA 05 ML ✓	PID: FV 2070 ✓
4 Character ID: 05 ML ✓ File Name(s): NOTE! I USED DEFAULT FILE NAME ON THIS SESSION 05 ML 2091		
File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension Edit		

Scheduled			
Start Time (Local) 8:30 ✓	Start Time (UTC) 15:30 ✓	End Time (Local) 9:15 ✓	End Time (UTC) 16:15 ✓
Actual			
Start Time (Local) 8:15 ✓	Start Time (UTC) 15:15 ✓	End Time (Local) 9:15 ✓	End Time (UTC) 16:15 ✓

ANTENNA INFORMATION

Fixed Height Tripod ☒	Collapsible Leg Tripod ☐	Other ☐ Describe
Tripod #: 3	Tripod Manufacturer: ZELO	Tripod Color: CHARTRUSE
Adjustment - Verified ☒	Adjusted ☐ (Initials): ZEH	

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

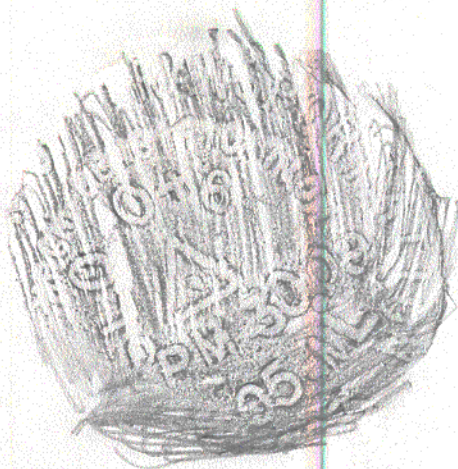
Antenna plumb before session? (Y/N)	Antenna plumb after session? (Y/N)	Antenna cable length 10 meters
Vehicle is parked 10 meters	NEWT BELOW (direction) from antenna and (Above/Below)	
Pencil rubbing ☒ or sketch ☐ attached (Y/N)	If no explain	

PHOTOGRAPH LOG

Frame # or File name	Description

Remarks, Weather, Comments on Problems, Sketches, etc. CLEAR & CALM
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Log Checked By: R.B.M.	Date: 8-11-2004
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05-ML
7-27-04 REH

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation				SR#: 0405-0092	
Observation Date: 7-27-04		Day of Year: 209		EA: 908160	
Operator: RICH HAWKENS				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: 45185-16		Firmware Version: Survey Controller v 10.72			
Antenna #: 3	Manufacturer: Trimble	Model: Zephyr Geodetic	S/N: 12234994 ✓		
P/N: 41249-00	DC: 4124 ✓				

OBSERVATION TECHNIQUE

Static ☒

Session #: (2) ✓	Station Name: Y707 RESET 1968 ✓	PID: FV 0048 ✓
4 Character ID: Y707 ✓ File Name(s): Y7072092 ✓		
File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		

Scheduled			
Start Time (Local) 10:30 ✓	Start Time (UTC) 17:30 ✓	End Time (Local) 11:15 ✓	End Time (UTC) 18:15 ✓
Actual			
Start Time (Local) 10:13 ✓	Start Time (UTC) 17:13 ✓	End Time (Local) 11:15 ✓	End Time (UTC) 18:15 ✓

ANTENNA INFORMATION

Fixed Height Tripod ☐	Collapsible Leg Tripod ☐	Other ☒ Describe COLLAPSIBLE WITH 1.500 PIN
Tripod #:	Tripod Manufacturer: S&W	Tripod Color: YELLOW/BLACK
Adjustment - Verified ☐	Adjusted ☒ (Initials): RCH	1.500

ANTENNA HEIGHT	Before Session Begins		After Session ends	
	Meters	Feet	Meters	Feet
A = Datum point to Top of Tripod or Height Hook reading	FIXED 1.500		FIXED 1.500	
B = Additional offset to ARP if any (Quick Release/ HH constant)				
H = Antenna Height = A+B = Datum Point to Antenna Reference Point (ARP) Note: ARP is Bottom of Antenna Mount				

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

Vehicle is parked 10 meters SWLY BELOW (direction) from antenna and (Above/Below)

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

PHOTOGRAPH LOG

Frame # or File name	Description

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

CLEAR MILD BREEZY

Log Checked By: R.B.M.

Date: 8-11-2004



Y 707 REIT 1968

7-27-04 REIT

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092
Observation Date: 7-27-04 ✓	Day of Year: 209 ✓		EA: 908160
Operator: RICH HAWKENS ✓		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 ✓		

OBSERVATION TECHNIQUE

Static ☒

Session #: (3) ✓	Station Name: A1315 ✓	PID: FS1095 FV1095
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4 Character ID: A131 ✓ File Name(s): A1312093 ✓

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

Scheduled

Start Time (Local) 12:30 ✓ Start Time (UTC) 19:30 ✓ End Time (Local) 13:15 ✓ End Time (UTC) 20:15 ✓

Actual

Start Time (Local) 12:16 ✓ Start Time (UTC) 19:16 ✓ End Time (Local) 13:15 ✓ End Time (UTC) 20:15 ✓

ANTENNA INFORMATION

Fixed Height Tripod ☒	Collapsible Leg Tripod ☐	Other ☐ Describe _____
Tripod #: 3	Tripod Manufacturer: SELO	Tripod Color: CHARTRUSE
Adjustment - Verified ☒	Adjusted ☐ (Initials): REH	

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

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

Vehicle is parked 15 meters ELY BELOW (direction) from antenna and (Above/Below)

Pencil rubbing ☐ or sketch ☐ attached (Y/N) If no explain FORGOT TO MAKE RUBBING

PHOTOGRAPH LOG

Frame # or File name	Description

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

CLEAR & BREEZY, MILD

Log Checked By: R.B.m.	Date: 8-11-2004
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GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092
Observation Date: 7-27-04 ✓	Day of Year: 209 ✓		EA: 908160
Operator: RICH HAWKENS ✓		Agency: CalTrans - District 05	
Receiver #: 3 P/N: 40406-46	Manufacturer: Trimble	Model: 5700 Firmware Version: v 2.01	S/N: 0440100467 ✓
Controller #: 13 P/N: 45185-10	Manufacturer: Trimble	Model: TSCE Firmware Version: Survey Controller v 10.72	S/N: 00031555 ✓
Antenna #: 3 P/N: 41249-00	Manufacturer: Trimble DC: 4124 ✓	Model: Zephyr Geodetic	S/N: 12234994 ✓

OBSERVATION TECHNIQUE

Static ☒

Session #: 4 ✓	Station Name: SWAN 2004 ✓	PID: NONE ✓
4 Character ID: SWAN ✓ Edit File Name(s): "SWAN 2094" & "SWAN 2095"		
File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled		
Start Time (Local) 14:30 ✓	Start Time (UTC) 21:30 ✓	End Time (Local) 15:15 ✓ End Time (UTC) 22:15 ✓
Actual		
Start Time (Local) 14:23 ✓	Start Time (UTC) 21:23 ✓	End Time (Local) 14:48 ✓ End Time (UTC) 21:48 ✓

ANTENNA INFORMATION

Fixed Height Tripod ☒	Collapsible Leg Tripod ☐	Other ☐ Describe _____
Tripod #: 3	Tripod Manufacturer: SELO	Tripod Color: CHARTREUSE
Adjustment - Verified ☒	Adjusted ☐ (Initials): RCH	

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

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

Vehicle is parked 15 meters 114 BELOW (direction) from antenna and (Above/Below)

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

PHOTOGRAPH LOG

Frame # or File name	Description

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

CLEAR, HOT, BREEZY

NOTE: AT ABOUT 14:48 I CHECKED COLLECTION TIMES IN DATA RECORDER, I PLACED THE DATA COLLECTION CASE GENTLY OVER SCREEN TO SHADE IT FROM THE SUN AND IT ACCIDENTALLY STORED DATA. I RESTARTED IT AGAIN AND NAMED THE NEW FILE "SWAN 2095" ENDED

Log Checked By: R.B.M. Date: 8-11-2004

14:50/15:40



"SWAN 2004"

7-27-04 REH

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092	
Observation Date: 7-27-04 ✓		Day of Year: 209 ✓		EA: 908160
Operator: RICH HAWKINS ✓			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 ✓			

OBSERVATION TECHNIQUE

Static ☒

Session #: 5	Station Name: SWAN 2004 ✓	PID: NONE - Blank Edit to
4 Character ID: SWAN ✓ File Name(s): SWAN2095 ✓		
File Name Format = aaaadddd.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		

Scheduled			
Start Time (Local) _____	Start Time (UTC) _____	End Time (Local) _____	End Time (UTC) _____
Actual			
Start Time (Local) 14:50 ✓	Start Time (UTC) 21:50 ✓	End Time (Local) 15:40 ✓	End Time (UTC) 22:40 ✓

ANTENNA INFORMATION

Fixed Height Tripod ☒	Collapsible Leg Tripod ☐	Other ☐ Describe _____
Tripod #: 3	Tripod Manufacturer: _____	Tripod Color: CHARTRUSE
Adjustment - Verified ☒	Adjusted ☐ (Initials): RCH	

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

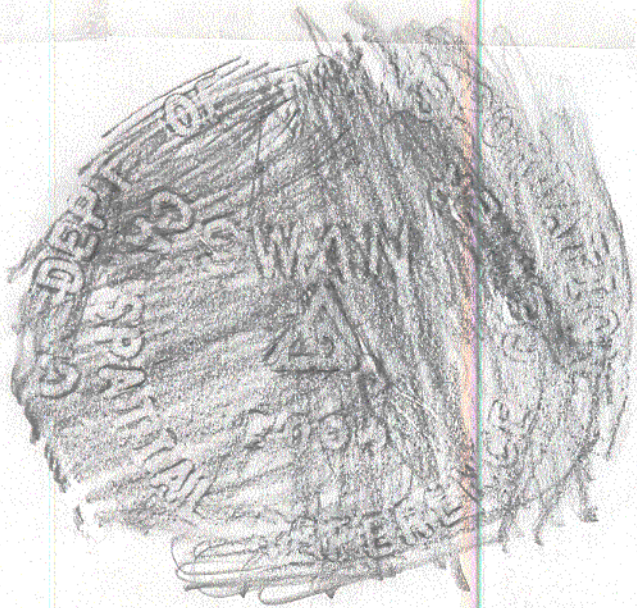
Antenna plumb before session? (Y/N) (Y)	Antenna plumb after session? (Y/N) (Y)	Antenna cable length 10 m
Vehicle is parked 15 meters	5.4 BELOW (direction) from antenna and (Above/Below)	
Pencil rubbing ☒ or sketch ☐ attached (Y/N) (Y)	If no explain _____	

PHOTOGRAPH LOG

Frame # or File name	Description

Remarks, Weather, Comments on Problems, Sketches, etc.
NOTE! THIS SESSION WAS CREATED TO SUPPLEMENT A SHORTENED SESSION "SWAN2094" WHICH I ACCIDENTLY TERMINATED EARLY.

Log Checked By: R.B.M.	Date: 8-11-2004
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"SWAN 2004"
7-27-04 RET

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092
Observation Date: 7/27/04 ✓		Day of Year: 209 ✓	EA: 908160
Operator: N. TATARIAN ✓		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 DC: 4126	Model: Zephyr Geodetic	S/N: 12200350 ✓

OBSERVATION TECHNIQUE

Static ☒

Session #: 4 ✓	Station Name: HOG ✓	PID: 6V3516 ✓
4 Character ID: HOGG ✓	File Name(s): HOGG2094 ✓	CAPS
File Name Format = aaaaddss.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled		
Start Time (Local) 1430 ✓	Start Time (UTC) 2130 ✓	End Time (Local) 1515 ✓ End Time (UTC) 2215 ✓
Actual		
Start Time (Local) 1419 ✓	Start Time (UTC) 2119 ✓	End Time (Local) 1550 ✓ End Time (UTC) 2250 ✓

ANTENNA INFORMATION

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

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			
B = Additional offset to ARP if any (Quick Release/ HH constant)	1			
H = Antenna Height = A+B = Datum Point to Antenna Reference Point (ARP) Note: ARP is Bottom of Antenna Mount	2.0			

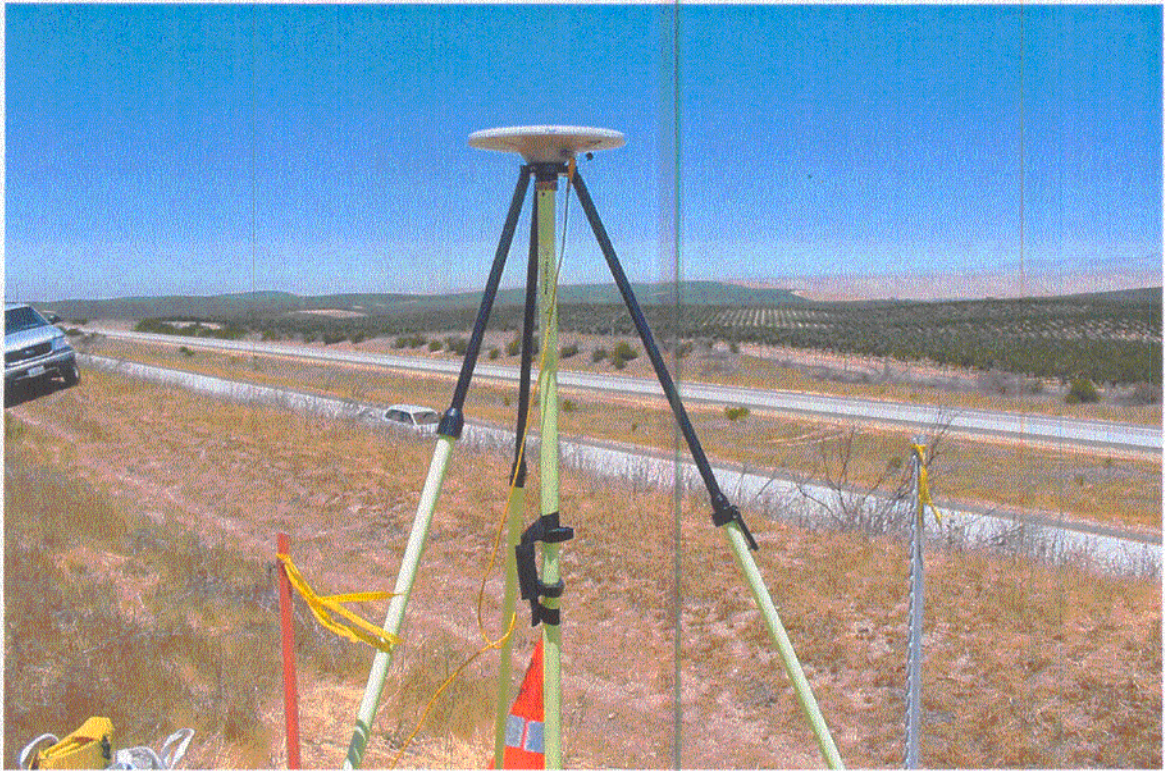
Antenna plumb before session? (Y/N) Antenna plumb after session? (Y/N) Antenna cable length 10 mt.
 Vehicle is parked 30 meters W 124 (direction) from antenna and (Above/Below)
 Pencil rubbing ☒ or sketch ☐ attached (Y/N) If no explain

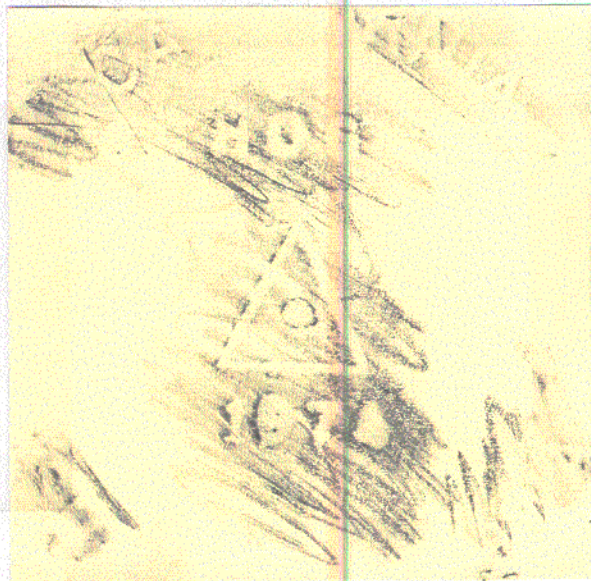
PHOTOGRAPH LOG

Frame # or File name	Description
1	COOKING S'LY
2	COOKING N'LY

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

Log Checked By: R.B.M. Date: 8-11-2004





7-27-2004

HOGG

209 Session 04

J.D. 210 (7-28-2004)

Session 01 07:59 - 09:16

Session 02 10:18 - 11:16

Session 03 12:02 - 13:16

Session 04 13:28 - 15:47

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092
Observation Date: 7.28.4 ✓	Day of Year: 210 ✓	EA: 908160	
Operator: R.E. BROWN KEITH ALBERT FORSBERG ✓		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 #: 1 ✓	Station Name: RETAIN ✓	PID: NONE ✓
4 Character ID: RETA ✓ File Name(s): RETA2101 ✓		
File Name Format = aaaaddss.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled		
Start Time (Local) 8:30 ✓	Start Time (UTC) 15:30 ✓	End Time (Local) 9:15 ✓ End Time (UTC) 16:15 ✓
Actual		
Start Time (Local) 8:38 ⁹	Start Time (UTC) 15:38 ⁹	End Time (Local) 9:15 ✓ End Time (UTC) 16:15 ✓

ANTENNA INFORMATION

Fixed Height Tripod ☒	Collapsible Leg Tripod ☐	Other ☐ Describe _____
Tripod #: 1	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 10m

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

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

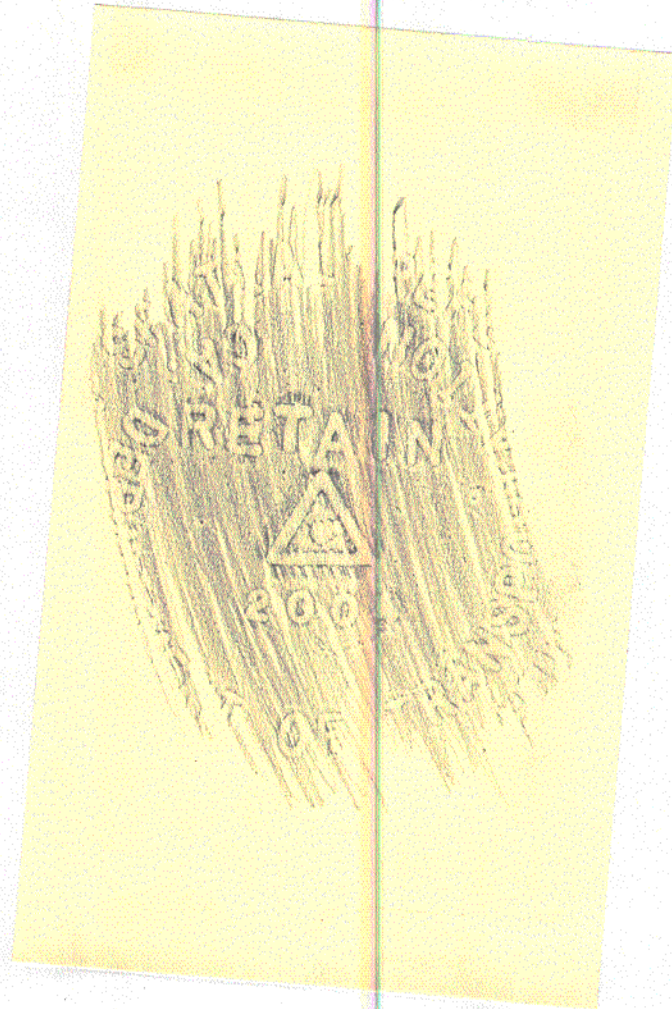
PHOTOGRAPH LOG

Frame # or File name	Description

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

Log Checked By: R.B.M.

Date: 8-11-2004



7-28-2004

RETA

210 Session 01

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092	
Observation Date: 7.28.04 ✓		Day of Year: 210 ✓		EA: 908160
Operator: RE BECKON KEITH ALBERT FORSBERG ✓			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: FV1813 ✓
4 Character ID: TEXA ✓ Edit File Name(s): TEXA2102 ✓		
File Name Format = aaaaddss.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		

Scheduled			
Start Time (Local) 10:30 ✓	Start Time (UTC) 17:30 ✓	End Time (Local) 11:15 ✓	End Time (UTC) 18:15 ✓
Actual			
Start Time (Local) 10:30 ✓	Start Time (UTC) 17:30 ✓	End Time (Local) 11:15 ✓	End Time (UTC) 18:15 ✓

ANTENNA INFORMATION

Fixed Height Tripod ☒	Collapsible Leg Tripod ☐	Other ☐ Describe _____
Tripod #: 1	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)	0.00			
H = Antenna Height = A+B = Datum Point to Antenna Reference Point (ARP) Note: ARP is Bottom of Antenna Mount	2.00			

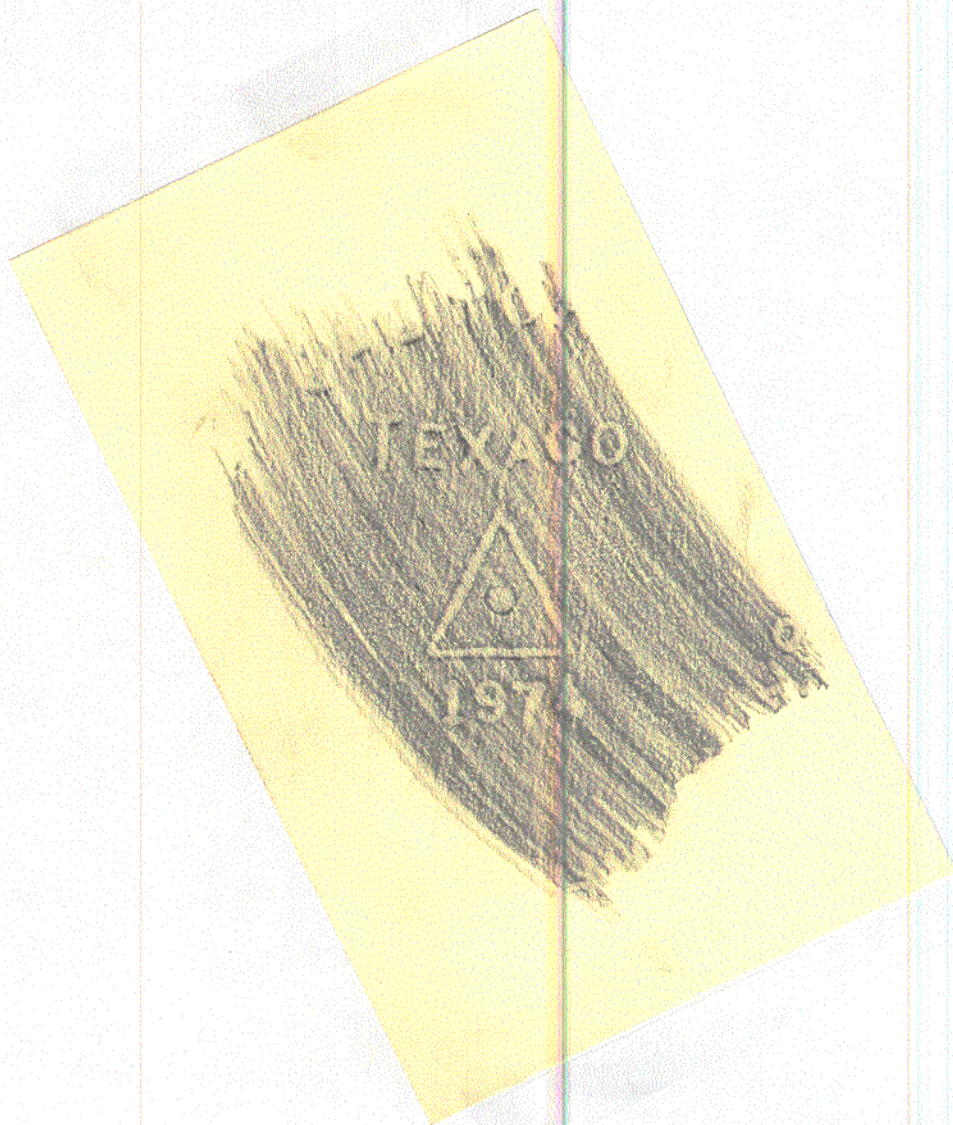
Antenna plumb before session? (Y/N)	Antenna plumb after session? (Y/N)	Antenna cable length 10 m
Vehicle is parked 30 meters	SOUTH WEST (direction) from antenna and (Above/Below)	
Pencil rubbing ☒ or sketch ☐ attached (Y/N)	If no explain _____	

PHOTOGRAPH LOG

Frame # or File name	Description

Remarks, Weather, Comments on Problems, Sketches, etc.
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Log Checked By: R.B.M.	Date: 8-11-2004
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7-28-2004

TEXA

210 Session 02

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092	
Observation Date: 7-28-04 ✓		Day of Year: 210 ✓		EA: 908160
Operator: R. ELIZABETH VIEIRA ALBERT FORBERG ✓			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 #: SWAN 4 ✓	Station Name: SWAN ✓	PID: NONE Edit to clear
4 Character ID: SWAN ✓ File Name(s): SWAN2104 ✓		
File Name Format = aaaaddss.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		

Scheduled			
Start Time (Local) 14:30 ✓	Start Time (UTC) 21:30 ✓	End Time (Local) 15:15 ✓	End Time (UTC) 22:15 ✓
Actual			
Start Time (Local) 14:15 ✓	Start Time (UTC) 21:15 ✓	End Time (Local) 15:15 ✓	End Time (UTC) 22:15 ✓

ANTENNA INFORMATION

Fixed Height Tripod ☒	Collapsible Leg Tripod ☐	Other ☐ Describe _____
Tripod #: 1	Tripod Manufacturer: SELO	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			

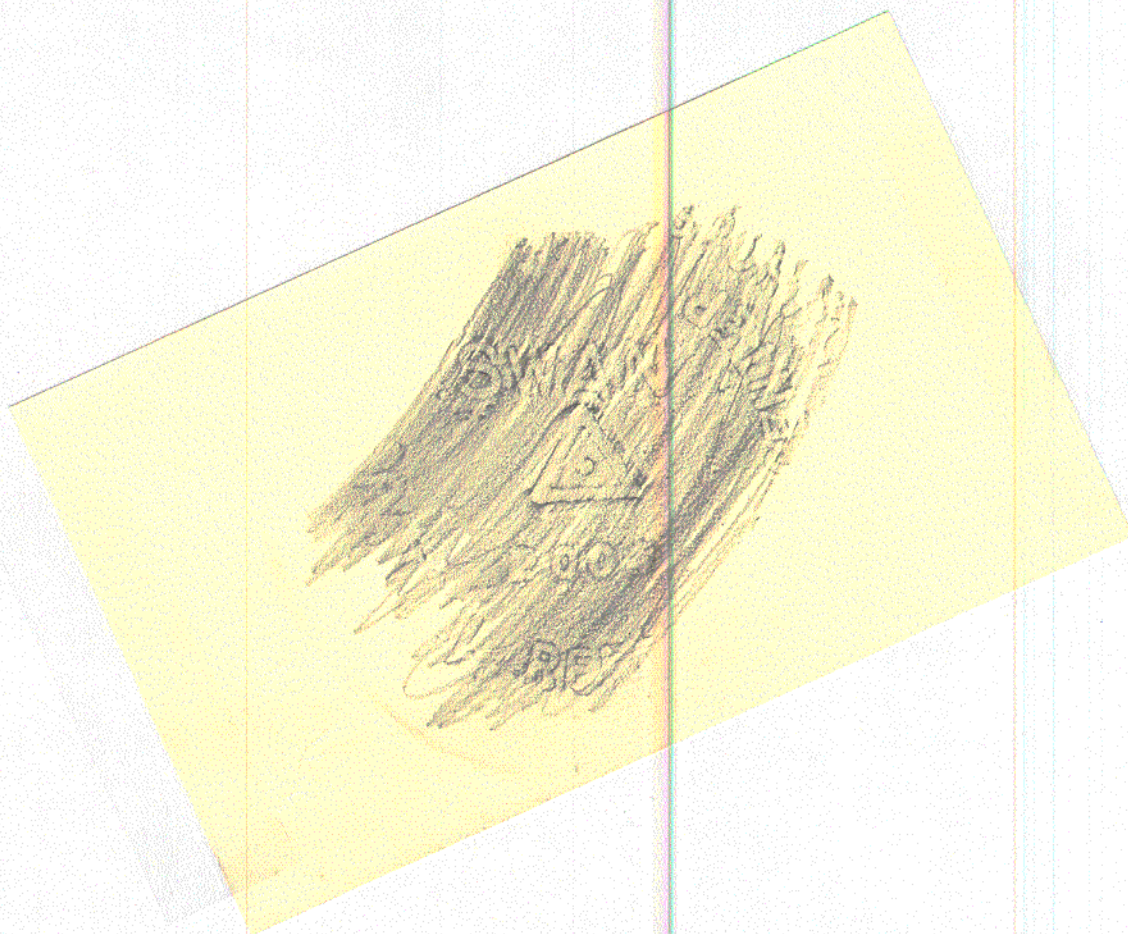
Antenna plumb before session? (Y/N)	Antenna plumb after session? (Y/N)	Antenna cable length 10 m
Vehicle is parked 20 meters	NORTH (direction) from antenna and (Above/Below)	
Pencil rubbing ☒ or sketch ☐ attached (Y/N)	If no explain _____	

PHOTOGRAPH LOG

Frame # or File name	Description

Remarks, Weather, Comments on Problems, Sketches, etc.
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Log Checked By: R.B.M.	Date: 8-11-2004
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7-28-2004

SWAN

210 Session 04

GPS FIELD OBSERVATION LOG

210-1

Project Name: San Simeon HPGN Reobservation		SR#: 0405- HPGN 0092
Observation Date: 7-28-04 ✓	Day of Year: 210 ✓	EA: 908160
Operator: LUY STILNOVICH ✓		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: X000 26155 ✓
Antenna #: 2 ✓ P/N: 41249-00	Manufacturer: Trimble Model: Zephyr Geodetic DC: 4126	S/N: 1188 4506 ✓

OBSERVATION TECHNIQUE

Static ☒

Session #: 1 ✓	Station Name: YORK ✓	PID: NONE clear
4 Character ID: YORK ✓ File Name(s): YORK 2101 ✓ File Name Format = aaaadddd.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled Start Time (Local) 8:30 ✓ Start Time (UTC) 1530 ✓ End Time (Local) 9:15 ✓ End Time (UTC) 1615 ✓		
Actual Start Time (Local) 8:00 ✓ Start Time (UTC) 1530 ✓ End Time (Local) 9:15 ✓ End Time (UTC) 1615 ✓		

ANTENNA INFORMATION

Fixed Height Tripod ☒	Collapsible Leg Tripod ☐	Other ☐ Describe _____
Tripod #: 2	Tripod Manufacturer: SECO	Tripod Color: GREEN
Adjustment - Verified ☒	Adjusted ☐ (Initials): 48	

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)	—	—	—	—
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
 Vehicle is parked 40 meters SE (direction) from antenna and (Above/Below)
 Pencil rubbing ☒ or sketch ☐ attached (Y/N) If no explain

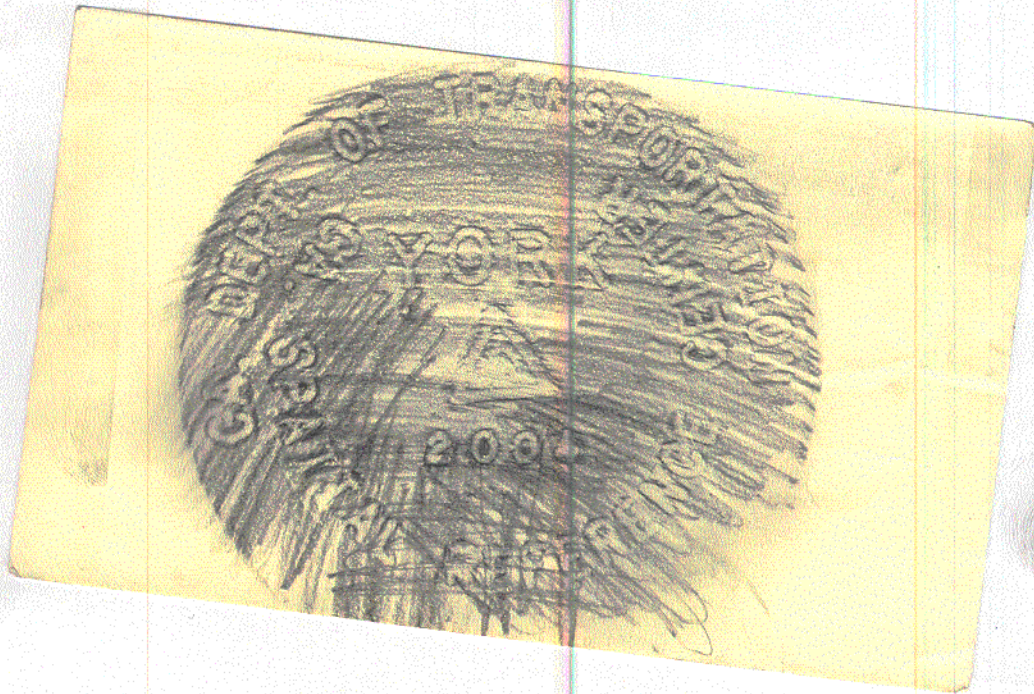
PHOTOGRAPH LOG

Frame # or File name	Description

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

Log Checked By: R.B.M.

Date: 8-11-2004



7-28-2004

YORK

210 Session 01

GPS FIELD OBSERVATION LOG

210-2

Project Name: San Simeon HPGN Reobservation		SR#: 0405- HPGN 0092	
Observation Date: 7-28-04 ✓	Day of Year: 210 ✓	EA: 908160	
Operator: GUY STILNOVICH ✓		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: 0000 26155 ✓	
Antenna #: 2 ✓ P/N: 41249-00	Manufacturer: Trimble Model: Zephyr Geodetic DC: 4126	S/N: 1188 4506 ✓	

OBSERVATION TECHNIQUE

Static ☒

Session #: 2 ✓	Station Name: X1449 ✓	PID: FV 1942 ✓ Edit
4 Character ID: X144 ✓ File Name(s): X144 210 2 ✓ File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled Start Time (Local) 10:30 ✓ Start Time (UTC) 1730 ✓ End Time (Local) 11:15 ✓ End Time (UTC) 1815 ✓		
Actual Start Time (Local) 10:18 ✓ Start Time (UTC) 1718 ✓ End Time (Local) 11:15 ✓ End Time (UTC) 1815 ✓		

ANTENNA INFORMATION

Fixed Height Tripod ☒	Collapsible Leg Tripod ☐	Other ☐ Describe _____
Tripod #: 2	Tripod Manufacturer: SECO	Tripod Color: GREEN
Adjustment - Verified ☒	Adjusted ☐ (Initials): 28	

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)	-	-	-	-
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
Vehicle is parked 30 meters	N (direction) from antenna and (Above/Below)	
Pencil rubbing ☒ or sketch ☐ attached (Y/N) (Y)	If no explain _____	

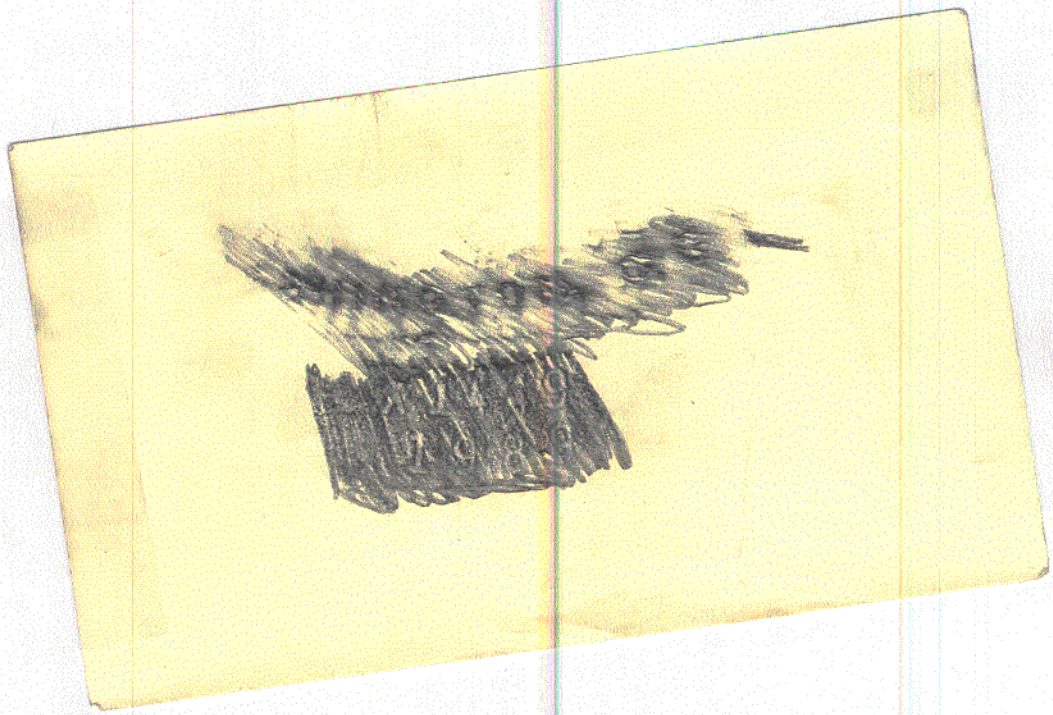
PHOTOGRAPH LOG

Frame # or File name	Description

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

Log Checked By: R.B.M.

Date: 8-11-2004



7-28-2004

X144
(X 1449)

210 Session 02

GPS FIELD OBSERVATION LOG

210-3

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092
Observation Date: 7-28-04 ✓	Day of Year: 210 ✓	EA: 908160
Operator: GWY STILINOVICH ✓		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: 0000 26155 ✓
Antenna #: 2 ✓ P/N: 41249-00	Manufacturer: Trimble Model: Zephyr Geodetic DC: 4126	S/N: 1188 4506 ✓

OBSERVATION TECHNIQUE

Static ☒

Session #: 3 ✓	Station Name: 05ML ✓	PID: FV 2070 ✓ Edit
4 Character ID: 05ML ✓ File Name(s): 05ML 210 3 ✓ File Name Format = aaaadddd.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled Start Time (Local) 12:30 ✓ Start Time (UTC) 1930 ✓ End Time (Local) 1315 ✓ End Time (UTC) 2015 ✓		
Actual Start Time (Local) 12:02 ✓ Start Time (UTC) 1902 ✓ End Time (Local) 1315 ✓ End Time (UTC) 2015 ✓		

ANTENNA INFORMATION

Fixed Height Tripod ☒	Collapsible Leg Tripod ☐	Other ☐ Describe _____
Tripod #: 2	Tripod Manufacturer: SECO	Tripod Color: GREEN
Adjustment - Verified ☒	Adjusted ☐ (Initials): 28	

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)	—	—	—	—
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
Vehicle is parked 60 meters	S (direction) from antenna and (Above/Below)	
Pencil rubbing ☒ or sketch ☐ attached (Y/N) (Y)	If no explain	

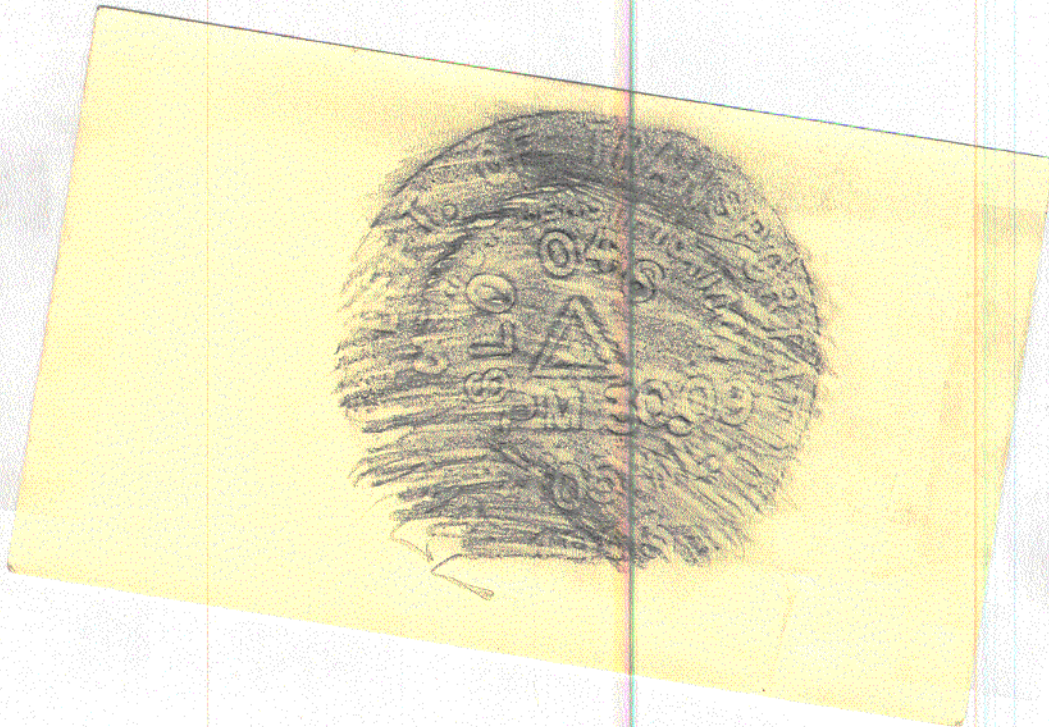
PHOTOGRAPH LOG

Frame # or File name	Description

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

Log Checked By: R.B.M.

Date: 8-11-2004



7-28-2004

05ML

210 Session 03

GPS FIELD OBSERVATION LOG

210-4

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092
Observation Date: 7-28-04 ✓	Day of Year: 210 ✓	EA: 908160
Operator: G.A. Stilianovich ✓		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: 8000 26155 ✓
Antenna #: 2 ✓ P/N: 41249-00	Manufacturer: Trimble Model: Zephyr Geodetic DC: 4126	S/N: 1188 4506 ✓

OBSERVATION TECHNIQUE

Static ☒

Session #: 4 ✓	Station Name: GARRISON RESET ✓	PID: FV1805 ✓ Edit
4 Character ID: GARR ✓ File Name(s): GARR 210 4 ✓ File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled Start Time (Local) 1430 ✓ Start Time (UTC) 2130 ✓ End Time (Local) 15:15 ✓ End Time (UTC) 22:15 ✓		
Actual Start Time (Local) 1351 ✓ Start Time (UTC) 2051 ✓ End Time (Local) 15:15 ✓ End Time (UTC) 22:15 ✓		

ANTENNA INFORMATION

Fixed Height Tripod ☒	Collapsible Leg Tripod ☐	Other ☐ Describe _____
Tripod #: 2	Tripod Manufacturer: SECO	Tripod Color: GREEN
Adjustment - Verified ☒	Adjusted ☐ (Initials): 48	

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)	—	—	—	—
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 NW (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: 8-11-2004



7-28-2004

GARR

210 Session 04

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092
Observation Date: 7-28-04 ✓	Day of Year: 210 ✓		EA: 908160
Operator: RICH HAWKENS ✓		Agency: CalTrans - District 05	
Receiver #: 3 P/N: 40406-46	Manufacturer: Trimble	Model: 5700 Firmware Version: v 2.01	S/N: 0440100467 ✓
Controller #: 13 P/N: 45185-10	Manufacturer: Trimble	Model: TSCe Firmware Version: Survey Controller v 10.72	S/N: 00031555 ✓
Antenna #: 3 P/N: 41249-00	Manufacturer: Trimble DC: 4124 ✓	Model: Zephyr Geodetic	S/N: 12234994 ✓

OBSERVATION TECHNIQUE

Static ☒

Session #: ① ✓	Station Name: SLO-101-PM 46.87 ✓	PID: FV 2077 ✓
4 Character ID: PM46 ✓ File Name(s): PM462101 ✓		
File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled		
Start Time (Local) 8:30 ✓	Start Time (UTC) 15:30 ✓	End Time (Local) 9:15 ✓ End Time (UTC) 16:15 ✓
Actual		
Start Time (Local) 7:59 ✓	Start Time (UTC) 14:59 ✓	End Time (Local) 9:15 ✓ End Time (UTC) 16:15 ✓

ANTENNA INFORMATION

Fixed Height Tripod ☒	Collapsible Leg Tripod ☐	Other ☐ Describe _____
Tripod #: 3	Tripod Manufacturer: GECO	Tripod Color: CHARTREUSE
Adjustment - Verified ☐	Adjusted ☐ (Initials): REH	

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

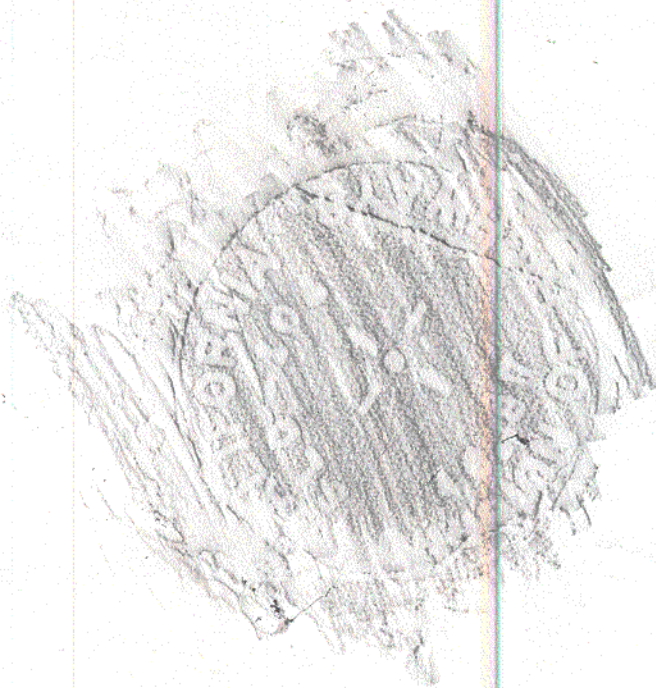
Antenna plumb before session? (Y/N) Antenna plumb after session? (Y/N) Antenna cable length _____
 Vehicle is parked 50 meters FULLY BELOW (direction) from antenna and (Above/Below) _____
 Pencil rubbing ☒ or sketch ☐ attached (Y/N) If no explain _____

PHOTOGRAPH LOG

Frame # or File name	Description

Remarks, Weather, Comments on Problems, Sketches, etc.
 OVERCAST, CALM
 MAY

Log Checked By: R.B.M. Date: 8-11-2004



PM 46

7-28-04 REH

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092
Observation Date: 7-28-04 ✓	Day of Year: 210 ✓		EA: 908160
Operator: RICH HAWKENS ✓		Agency: CalTrans - District 05	
Receiver #: 3 P/N: 40406-46	Manufacturer: Trimble	Model: 5700 Firmware Version: v 2.01	S/N: 0440100467 ✓
Controller #: 13 P/N: 45185-10	Manufacturer: Trimble	Model: TSCe Firmware Version: Survey Controller v 10.72	S/N: 00031555 ✓
Antenna #: 3 P/N: 41249-00	Manufacturer: Trimble DC: 4124 ✓	Model: Zephyr Geodetic	S/N: 12234994 ✓

OBSERVATION TECHNIQUE

Static ☒

Session #: 2 ✓	Station Name: HOG 1974 ✓	PID: 403516 ✓
4 Character ID: HOGG ✓ File Name(s): HOGG2102 ✓		
File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled		
Start Time (Local) 10:30 ✓	Start Time (UTC) 17:30 ✓	End Time (Local) 11:15 ✓ End Time (UTC) 18:15 ✓
Actual		
Start Time (Local) 10:21 ✓	Start Time (UTC) 17:21 ✓	End Time (Local) 11:15 ✓ End Time (UTC) 18:15 ✓

ANTENNA INFORMATION

Fixed Height Tripod ☒	Collapsible Leg Tripod ☐	Other ☐ Describe _____
Tripod #: 3	Tripod Manufacturer: GECO	Tripod Color: CHARTREUSE
Adjustment - Verified ☒	Adjusted ☐ (Initials): REN	

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

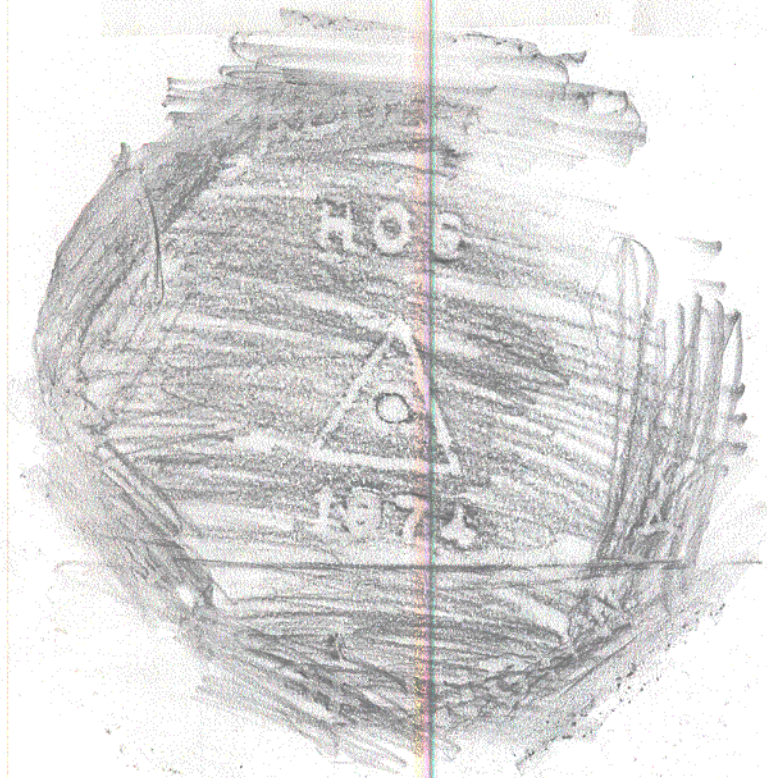
Antenna plumb before session? (Y/N) (Y) ✓	Antenna plumb after session? (Y/N) (Y) ✓	Antenna cable length
Vehicle is parked 40 meters NLY BELOW (direction) from antenna and (Above/Below)		
Pencil rubbing ☒ or sketch ☐ attached (Y/N) (Y) ✓ If no explain _____		

PHOTOGRAPH LOG

Frame # or File name	Description

Remarks, Weather, Comments on Problems, Sketches, etc. CLEAR, WARM, CALM

Log Checked By: R.B.M.	Date: 8-11-2004
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HOGG
7-28-04 REN

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092	
Observation Date: 7-28-04 ✓		Day of Year: 210 ✓		EA: 908160
Operator: RICH HAWKINS ✓			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 ✓			

OBSERVATION TECHNIQUE

Static ☒

Session #: 3 ✓	Station Name: Y707 RESET 1968 ✓	PID: FV0048 ✓
4 Character ID: Y707 ✓ File Name(s): Y7072103 ✓		
File Name Format = aaaaddd.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		

Scheduled			
Start Time (Local) 12:30 ✓	Start Time (UTC) 19:30 ✓	End Time (Local) 13:15 ✓	End Time (UTC) 20:15 ✓
Actual			
Start Time (Local) 12:22 ✓	Start Time (UTC) 19:22 ✓	End Time (Local) 13:15 ✓	End Time (UTC) 20:15 ✓

ANTENNA INFORMATION

Fixed Height Tripod ☒	Collapsible Leg Tripod ☐	Other ☒ Describe COLLAPSIBLE LEGS PINNED 1.50m
Tripod #: B	Tripod Manufacturer: SELO	Tripod Color: YELLOW & BLACK
Adjustment - Verified ☐	Adjusted ☒ (Initials): REH	

ANTENNA HEIGHT	Before Session Begins		After Session ends	
	Meters	Feet	Meters	Feet
A = Datum point to Top of Tripod or Height Hook reading	PINNED 1.500m		PINNED 1.500m	
B = Additional offset to ARP if any (Quick Release/ HH constant)				
H = Antenna Height = A+B = Datum Point to Antenna Reference Point (ARP) Note: ARP is Bottom of Antenna Mount				

Antenna plumb before session? (Y/N) (Y)	Antenna plumb after session? (Y/N) (Y)	Antenna cable length 10m
Vehicle is parked 10 meters	WLY BELOW (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, WARM, BREEZY

Log Checked By: R.B.M.

Date: 8-11-2004



V707 RESET 1908

7-28-04 REH

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092
Observation Date: 7-28-04	Day of Year: 210	EA: 908160	
Operator: RICH HAWKENS		Agency: CalTrans - District 05	
Receiver #: 3 P/N: 40406-46	Manufacturer: Trimble	Model: 5700 Firmware Version: v 2.01	S/N: 0440100467 ✓
Controller #: 13 P/N: 45185-10	Manufacturer: Trimble	Model: TSCe Firmware Version: Survey Controller v 10.72	S/N: 00031555 ✓
Antenna #: 3 P/N: 41249-00	Manufacturer: Trimble DC: 4124 ✓	Model: Zephyr Geodetic	S/N: 12234994 ✓

OBSERVATION TECHNIQUE

 Static ☒

Session #: (4) ✓	Station Name: Y 707 RESET 1968 ✓	PID: FV0048 ✓
4 Character ID: Y 707 File Name(s): Y 7072104 ✓		
File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled		
Start Time (Local) 14:30 ✓	Start Time (UTC) 21:30 ✓	End Time (Local) 15:15 ✓ End Time (UTC) 22:15 ✓
Actual		
Start Time (Local) 13:29 ✓	Start Time (UTC) 20:29 ✓	End Time (Local) 15:15 ✓ End Time (UTC) 22:15 ✓

ANTENNA INFORMATION

Fixed Height Tripod ☐	Collapsible Leg Tripod ☐	Other ☒ Describe COLLAPSIBLE LESS PINNED @ 1.500m
Tripod #: B	Tripod Manufacturer: GECO	Tripod Color: YELLOW & BLACK
Adjustment - Verified ☒ Adjusted ☐ (Initials): REH		

ANTENNA HEIGHT	Before Session Begins		After Session ends	
	Meters	Feet	Meters	Feet
A = Datum point to Top of Tripod or Height Hook reading	PINNED @ 1.500m		PINNED @ 1.500m	
B = Additional offset to ARP if any (Quick Release/ HH constant)				
H = Antenna Height = A+B = Datum Point to Antenna Reference Point (ARP) Note: ARP is Bottom of Antenna Mount				

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

Vehicle is parked 10 meters WLY BELOW (direction) from antenna and (Above/Below)

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

PHOTOGRAPH LOG

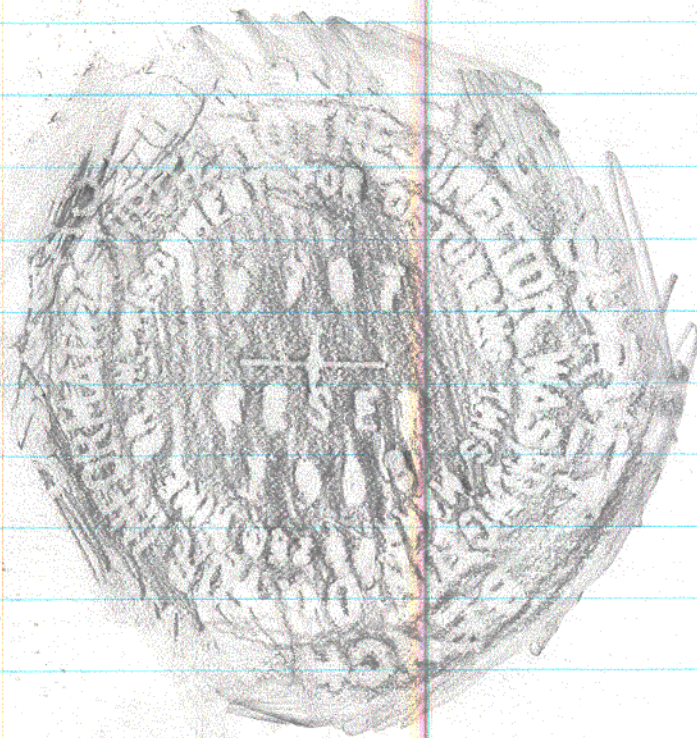
Frame # or File name	Description

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

CLEAR, WARM, BREEZY

Log Checked By: R.B.M.

Date: 8-11-2004



Y 707 RESET 1968

7-28-04 REH

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092
Observation Date: 7/28/04 ✓	Day of Year: 210 ✓		EA: 908160
Operator: N. TATARIAN ✓		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 DC: 4126	Model: Zephyr Geodetic	S/N: 12200350 ✓

OBSERVATION TECHNIQUE

Static ☒

Session #: 3 ✓	Station Name: YORK ✓	PID: NONE ✓ clear
4 Character ID: YORK ✓ File Name(s): YORK2103 ✓ File Name Format = aaaaddss.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled 1230 ✓	Start Time (UTC) 1930 ✓	End Time (Local) 1315 ✓ End Time (UTC) 2015 ✓
Actual	Start Time (Local) 1220 ✓ Start Time (UTC) 1920 ✓	End Time (Local) 13:15 End Time (UTC) 2015

ANTENNA INFORMATION

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

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			
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	2.0			

Antenna plumb before session? (Y/N) Antenna plumb after session? (Y/N) Antenna cable length 10m
 Vehicle is parked 10 meters N.24 (direction) from antenna and (Above/Below)
 Pencil rubbing ☒ or sketch ☐ attached (Y/N) If no explain _____

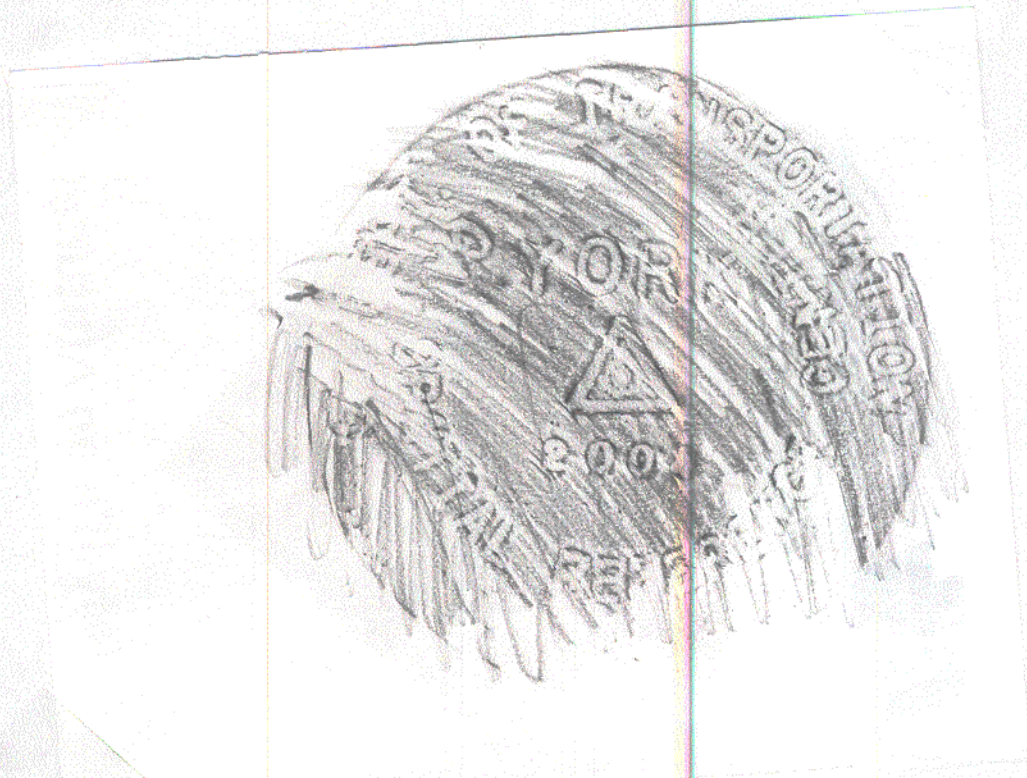
PHOTOGRAPH LOG

Frame # or File name	Description
1	Looking S.24
2	Looking N.24

Remarks, Weather, Comments on Problems, Sketches, etc.
Poor poop @ 1310± 6+

Log Checked By: R.B.M.	Date: 8-11-2004
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7-28-2004

YORK

210 Session 03

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092
Observation Date: 7/28/04 ✓	Day of Year: 210	EA: 908160	
Operator: N. TATARIAN ✓		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 DC: 4126	Model: Zephyr Geodetic	S/N: 12200350 ✓

OBSERVATION TECHNIQUE

Static ☒

Session #: 4 ✓	Station Name: 0508 ✓	PID: FV2051 ✓ Edit
4 Character ID: 0508 ✓ File Name(s): 05082104 ✓ File Name Format = aaaaddd.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled 1430 ✓	Start Time (Local) 2130 ✓	End Time (Local) 1515 ✓
Start Time (UTC)	End Time (UTC) 2215 ✓	
Actual 1412 ✓	Start Time (UTC) 2112 ✓	End Time (Local) 1515 ✓
Start Time (Local)	End Time (UTC) 2215 ✓	

ANTENNA INFORMATION

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

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			
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	2.0			

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

PHOTOGRAPH LOG

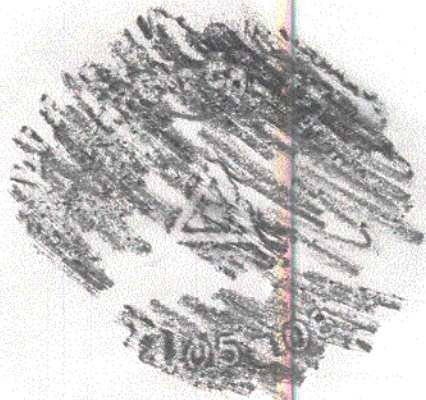
Frame # or File name	Description
1	FACING S'LY
2	FACING N'LY

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

Log Checked By: R.B.M.

Date: 8-11-2004





7-28-2004

0508

210 Session 04

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092
Observation Date: 7-28-04 ✓	Day of Year: 210 ✓	EA: 908160	
Operator: KEITH ALBERT FORSBERG ✓		Agency: CalTrans – District 05	
Receiver #: 5 ✓ P/N: 40406-46	Manufacturer: Trimble Model: 5700 Firmware Version: v 2.01	S/N: 0220310075	
Controller #: 5 ✓ P/N: 45185-10	Manufacturer: Trimble Model: TSCe Firmware Version: Survey Controller v 10.72	S/N: 00028887	
Antenna #: 5 ✓ P/N: 41249-00	Manufacturer: Trimble Model: Zephyr Geodetic DC: 4315	S/N: 12422830	

OBSERVATION TECHNIQUE

Static ☒

Session #: 3 + 4 ✓	Station Name: 05LL ✓	PID: EV 2069 ✓
4 Character ID: 05LL ✓		File Name(s): 05LL2103 ✓
File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled		
Start Time (Local) 12:30 ✓	Start Time (UTC) 19:30 ✓	End Time (Local) 15:15 ✓
		End Time (UTC) 22:15 ✓
Actual		
Start Time (Local) 12:05 ✓	Start Time (UTC) 19:05	End Time (Local) 15:46
		End Time (UTC) 22:46

ANTENNA INFORMATION

Fixed Height Tripod ☐	Collapsible Leg Tripod ☐	Other ☐ Describe _____
Tripod #: 10	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)	6.00			
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 32 miles meters NORTH (direction) from antenna and (Above/Below)

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

PHOTOGRAPH LOG

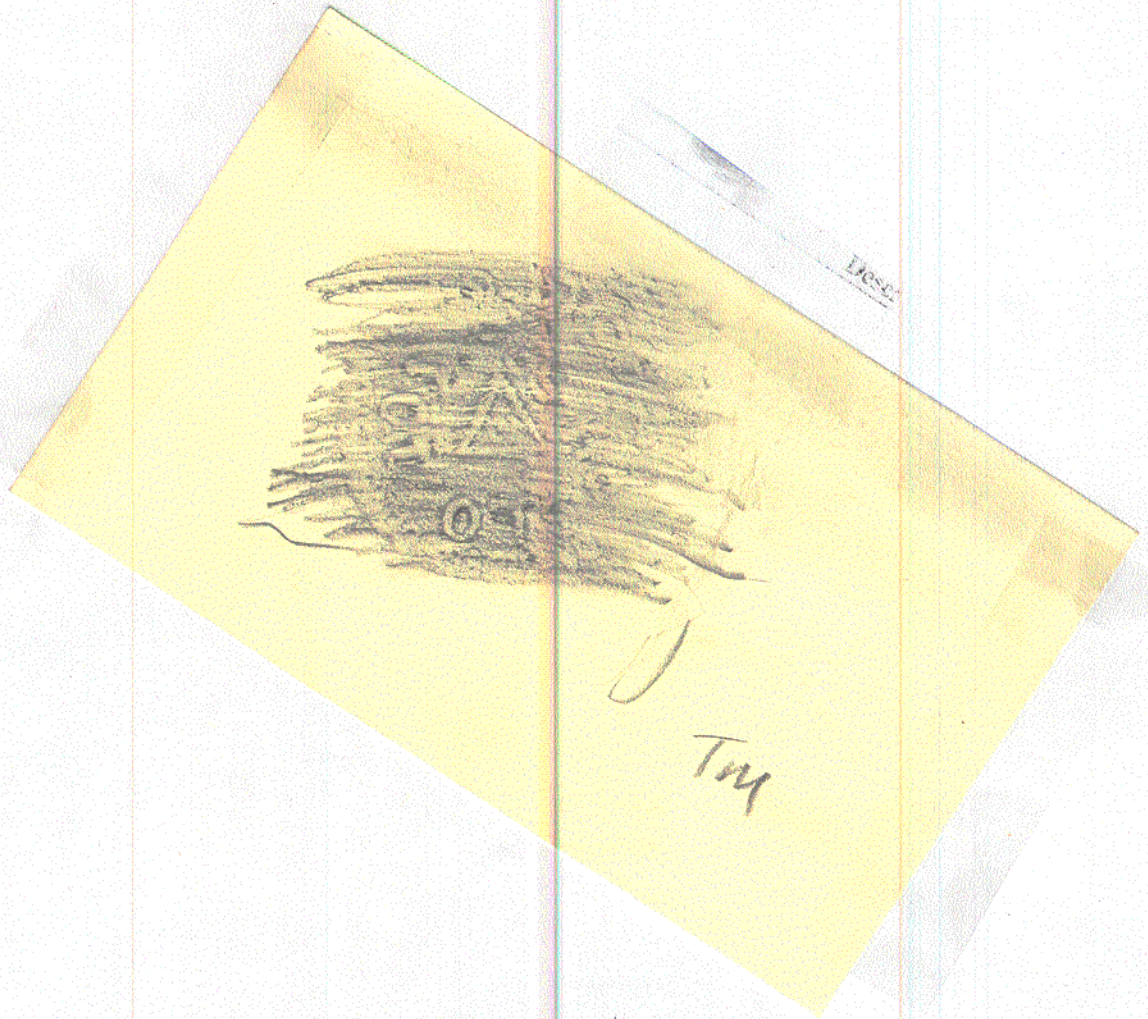
Frame # or File name	Description

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

Running continuously for session 3 & 4 (unattended, but secure).

Log Checked By: R.B.M.

Date: 8-11-2004



7-28-2004

05LL

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