

J.D. 211 (7-29-2004)

Session 01 08:09 - 09:18

Session 02 09:34 - 11:16

Session 03 12:01 - 13:18

Session 04 13:32 - 15:16

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092	
Observation Date: 7-29-2004		Day of Year: 211 ✓		EA: 908160
Operator: REOBKOW 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: OSLL ✓	PID: FV2069 ✓
4 Character ID: OSLL ✓ File Name(s): OSLL211 ✓		
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) 8:20 ✓	Start Time (UTC) 15:20 ✓	End Time (Local) 9:15 ✓ End Time (UTC) 16:15 ✓

ANTENNA INFORMATION

Fixed Height Tripod <input checked="" type="checkbox"/>	Collapsible Leg Tripod <input type="checkbox"/>	Other <input type="checkbox"/> Describe _____
Tripod #: 1	Tripod Manufacturer: SECO	Tripod Color: GREEN
Adjustment - Verified <input checked="" type="checkbox"/>	Adjusted <input type="checkbox"/> (Initials): K. A. F.	

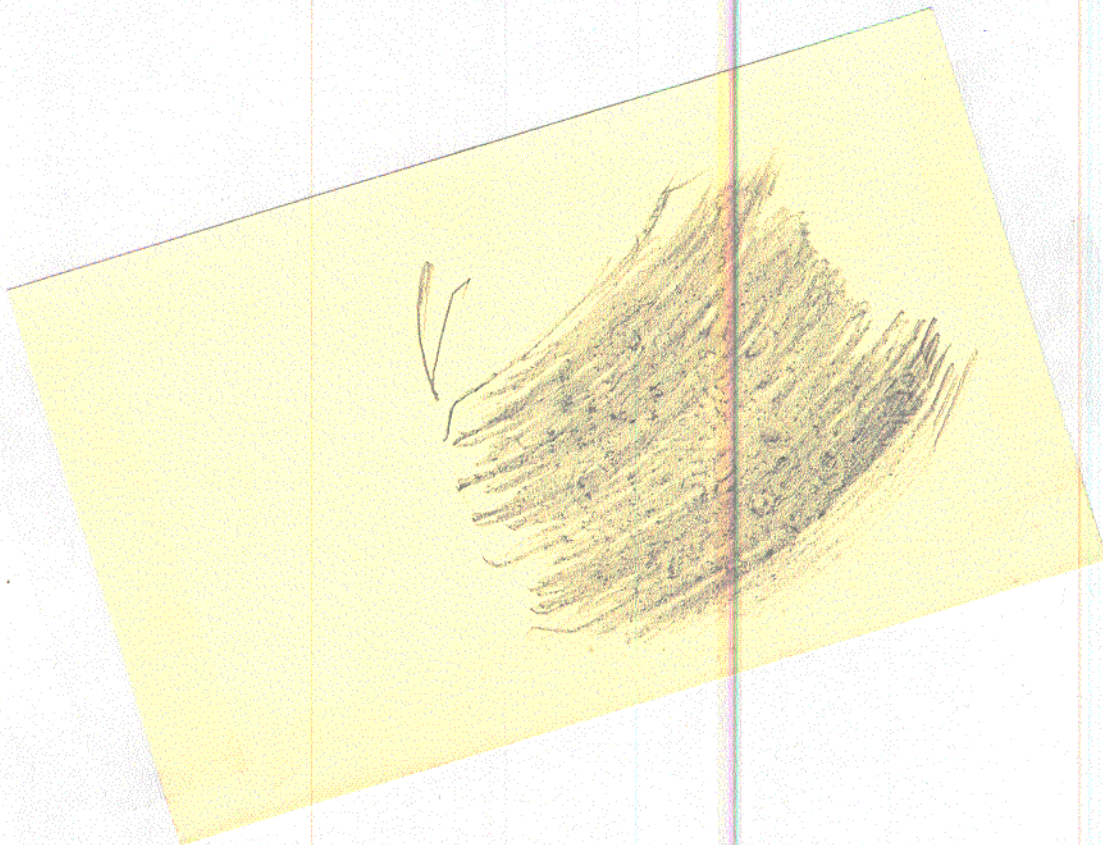
ANTENNA HEIGHT	Before Session Begins		After Session ends	
	Meters	Feet	Meters	Feet
A = Datum point to Top of Tripod or Height Hook reading	2.00			
B = Additional offset to ARP if any (Quick Release/ HH constant)	0.00			
H = Antenna Height = A+B = Datum Point to Antenna Reference Point (ARP) Note: ARP 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 30 meters EAST	(direction) from antenna and (Above/Below)	
Pencil rubbing <input checked="" type="checkbox"/> or sketch <input type="checkbox"/> attached (Y/N)	If no explain _____	

PHOTOGRAPH LOG

Frame # or File name	Description

Remarks, Weather, Comments on Problems, Sketches, etc. <div style="text-align: center;"> <p>SAND BAGS ON ALL 3 FEET.</p> <p>CLEAR, WARM.</p> <p>ANTENNA CONNECTOR POINTS NORTH</p> </div>
Log Checked By: R.B.M. <div style="float: right;">Date: 8-11-2004</div>



7-29-2004

05LL

211 Session 01

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092	
Observation Date: 7-29-04 ✓		Day of Year: 211 ✓		EA: 908160
Operator: R.D. 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 #: 2 ✓	Station Name: 05LL ✓	PID: FV 2069 ✓
4 Character ID: 05LL ✓		File Name(s): 05LL2112 ✓
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) 9:35 ✓	Start Time (UTC) 16:35 ✓	End Time (Local) 11:15 ✓	End Time (UTC) 18:15 ✓

ANTENNA INFORMATION

Fixed Height Tripod <input checked="" type="checkbox"/>	Collapsible Leg Tripod <input type="checkbox"/>	Other <input type="checkbox"/> Describe _____
Tripod #: 1	Tripod Manufacturer: SELO	Tripod Color: GREEN
Adjustment - Verified <input checked="" type="checkbox"/>	Adjusted <input type="checkbox"/> (Initials): R.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 **SEE RUBBING FROM PREVIOUS OCCUPATION**

PHOTOGRAPH LOG

Frame # or File name	Description

Remarks, Weather, Comments on Problems, Sketches, etc. <div style="text-align: center;"> <p>SAND BAGS ON ALL 3 FEET.</p> <p>CLEAR, WARM.</p> <p>ANTENNA CONNECTOR POINTS NORTH.</p> </div>
Log Checked By: R.B.M. <div style="float: right;">Date: 8-11-2004</div>

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092	
Observation Date: 7-29-04 ✓		Day of Year: 211 ✓		EA: 908160
Operator: REDAKED 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: TEXACO ✓	PID: FV1813 ✓
4 Character ID: TEXA ✓ Edit File Name(s): TEXAZ113 ✓ CAPS		
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) 12:24 ✓	Start Time (UTC) 19:24 ✓	End Time (Local) 13:15 ✓ End Time (UTC) 20:15 ✓

ANTENNA INFORMATION

Fixed Height Tripod <input checked="" type="checkbox"/>	Collapsible Leg Tripod <input type="checkbox"/>	Other <input type="checkbox"/> Describe _____
Tripod #: 1	Tripod Manufacturer: SECO	Tripod Color: GREEN
Adjustment - Verified <input checked="" type="checkbox"/>	Adjusted <input type="checkbox"/> (Initials): K.A.F.	

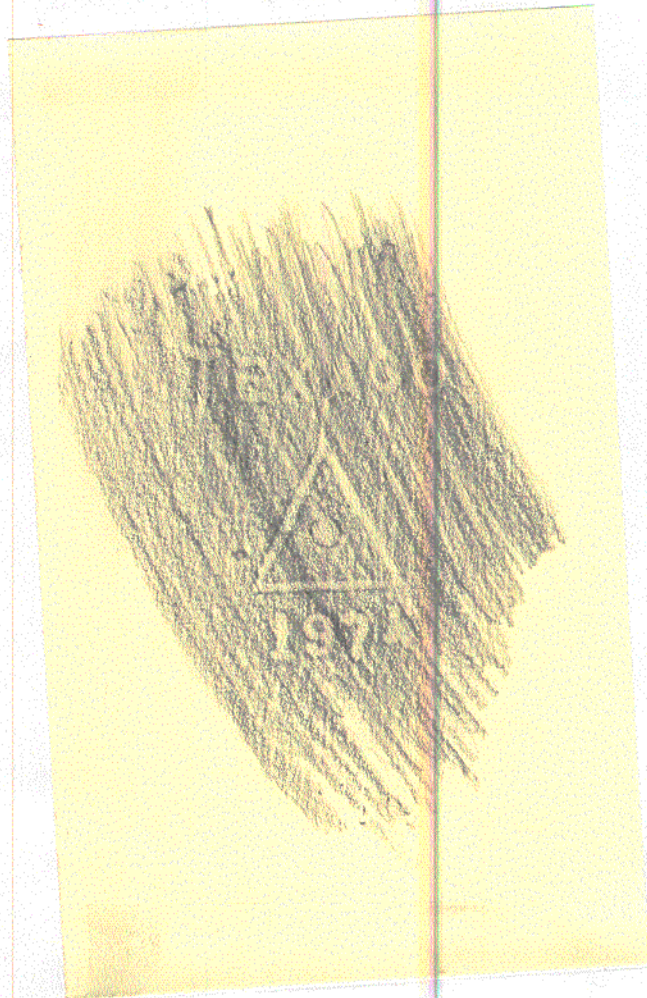
ANTENNA HEIGHT	Before Session Begins		After Session ends	
	Meters	Feet	Meters	Feet
A = Datum point to Top of Tripod or Height Hook reading	2.00			
B = Additional offset to ARP if any (Quick Release/ HH constant)	0.00			
H = Antenna Height = A+B = Datum Point to Antenna Reference Point (ARP) Note: ARP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

Antenna plumb before session? <input checked="" type="radio"/> (Y) Antenna plumb after session? <input checked="" type="radio"/> (Y) Antenna cable length 10m
Vehicle is parked 20 meters WEST (direction) from antenna and (Above/Below)
Pencil rubbing <input checked="" type="checkbox"/> or sketch <input type="checkbox"/> attached <input checked="" type="radio"/> (Y) If no explain _____

PHOTOGRAPH LOG

Frame # or File name	Description

Remarks, Weather, Comments on Problems, Sketches, etc. <div style="text-align: center;"> <p>SAND BAGS ON ALL 3 FEET.</p> <p>CLEAR, WARM.</p> <p>ANTENNA CONNECTOR POINTS NORTH.</p> </div>
Log Checked By: R.B.M. <div style="float: right;">Date: 8-11-2004</div>



7-29-2004

TEXA

211 Session 03

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092
Observation Date: 7-29-04 ✓	Day of Year: 211 ✓	EA: 908160	
Operator: R.B. BROOK 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 #: 4 ✓	Station Name: TEXACO ✓	PID: FU 1813 ✓
4 Character ID: TEXA ✓ ^{EDIT} File Name(s): TEXA 2114 ✓ ^{CAPS}		
File Name Format = aaaadddd.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) 13:30 ✓	Start Time (UTC) 20:30 ✓	End Time (Local) 15:15 ✓	End Time (UTC) 22:15 ✓

ANTENNA INFORMATION

Fixed Height Tripod <input checked="" type="checkbox"/>	Collapsible Leg Tripod <input type="checkbox"/>	Other <input type="checkbox"/> Describe _____
Tripod #: 1	Tripod Manufacturer: SECO	Tripod Color: GREEN
Adjustment - Verified <input checked="" type="checkbox"/>	Adjusted <input type="checkbox"/> (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 WEST (direction) from antenna and (Above/Below)

Pencil rubbing ☐ or sketch ☐ attached (Y/N) If no explain SEE RUBBING FROM PREVIOUS OCCUPATION

PHOTOGRAPH LOG

Frame # or File name	Description

Remarks, Weather, Comments on Problems, Sketches, etc. SAND BAGS ON 44 3 FEET. CLEAR WARM. ANTENNA CONNECTOR POINTS NORTH
Log Checked By: R.B.M. Date: 8-11-2004

GPS FIELD OBSERVATION LOG

211-1

Project Name: San Simeon HPGN Reobservation		SR#: 0405-HPGN 0092
Observation Date: 7-29-04 ✓	Day of Year: 211 ✓	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: 8000 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 211-1 File Name(s): YORK 211 1 ✓ File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled		
Start Time (Local) 06:30 ✓	Start Time (UTC) 1530 ✓	End Time (Local) 09:15 ✓ End Time (UTC) 1615 ✓
Actual		
Start Time (Local) 08:22 ✓	Start Time (UTC) 1522 ✓	End Time (Local) 09:17 ✓ End Time (UTC) 1617 ✓

ANTENNA INFORMATION

Fixed Height Tripod <input checked="" type="checkbox"/>	Collapsible Leg Tripod <input type="checkbox"/>	Other <input type="checkbox"/> Describe
Tripod #: 2	Tripod Manufacturer: SECO	Tripod Color: GREEN
Adjustment - Verified <input checked="" type="checkbox"/>	Adjusted <input type="checkbox"/> (Initials): 218	

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

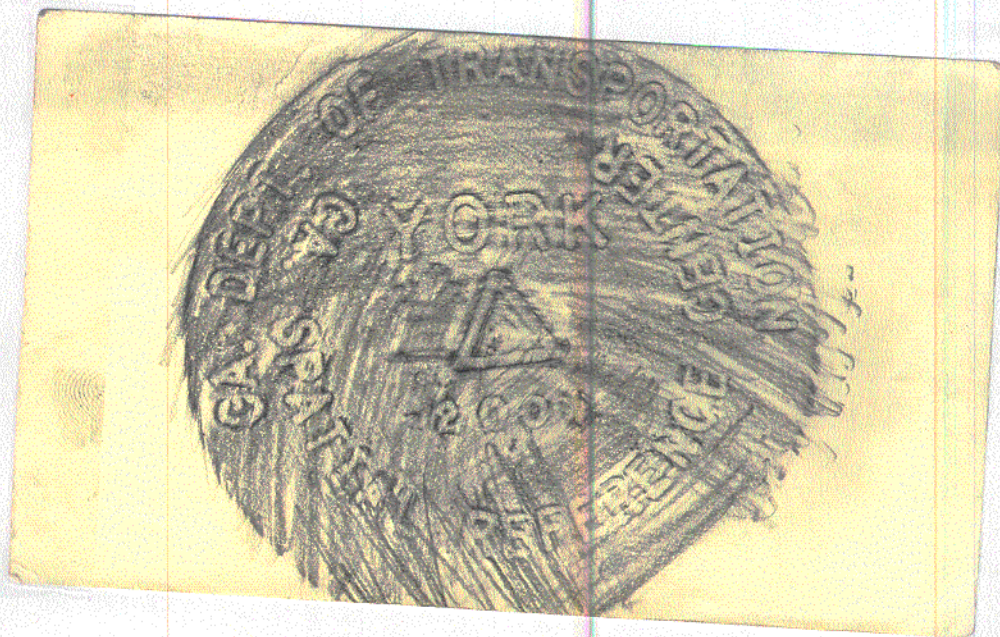
PHOTOGRAPH LOG

Frame # or File name	Description

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

Log Checked By: R.B.M.

Date: 8-11-2004



7-29-2004

YORK

211 Session 01

GPS FIELD OBSERVATION LOG

211-2

Project Name: San Simeon HPGN Reobservation		SR#: 0405 - HPGN 0092
Observation Date: 7-29-04 ✓	Day of Year: 211 ✓	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: 1000 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: YORK ✓	PID: NONE ✓ clear
4 Character ID: YORK ✓ File Name(s): YORK 211 #2		
File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled		
Start Time (Local) 1030 ✓	Start Time (UTC) 1730 ✓	End Time (Local) 1115 ✓ End Time (UTC) 1815 ✓
Actual		
Start Time (Local) 0934 ✓	Start Time (UTC) 1634 ✓	End Time (Local) 1115 ✓ End Time (UTC) 1815 ✓

ANTENNA INFORMATION

Fixed Height Tripod <input checked="" type="checkbox"/>	Collapsible Leg Tripod <input type="checkbox"/>	Other <input type="checkbox"/> Describe
Tripod #: 2	Tripod Manufacturer: SECO	Tripod Color: GREEN
Adjustment - Verified <input checked="" type="checkbox"/>	Adjusted <input type="checkbox"/> (Initials): 218	

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 see previous session

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

211-3

Project Name: San Simeon HPGN Reobservation		SR#: 0405-1124 0092	
Observation Date: 7-29-04 ✓	Day of Year: 211 ✓	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: 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: X 1449 ✓	PID: FV 1942 ✓ Edit
4 Character ID: X144 ✓ File Name(s): X144 2113 ✓ File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled Start Time (Local) 1230 ✓ Start Time (UTC) 1930 ✓ End Time (Local) 1315 ✓ End Time (UTC) 2015 ✓		
Actual Start Time (Local) 1219 ✓ Start Time (UTC) 1919 ✓ End Time (Local) 1317 ✓ End Time (UTC) 2017 ✓		

ANTENNA INFORMATION

Fixed Height Tripod <input checked="" type="checkbox"/>	Collapsible Leg Tripod <input type="checkbox"/>	Other <input type="checkbox"/> Describe
Tripod #: 2	Tripod Manufacturer: SECO	Tripod Color: GREEN
Adjustment - Verified <input checked="" type="checkbox"/>	Adjusted <input type="checkbox"/> (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 40 meters NE (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.

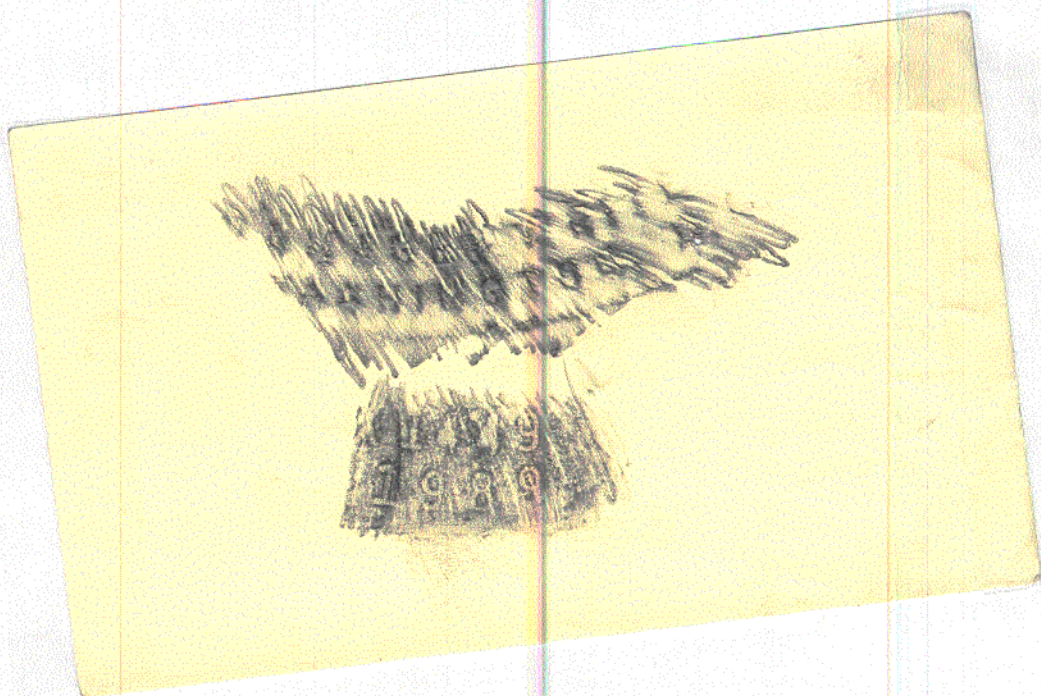
PDOP 3.3

USED STEEL SLEEVE ON ROD

TRAIN PASSED BY 13:02

Log Checked By: R.B.M.

Date: 8-11-2004



7-29-2004

X144
(X 1449)

211 Session 03

GPS FIELD OBSERVATION LOG

211-4

Project Name: San Simeon HPGN Reobservation			SR#: 0405-HPGN 0092	
Observation Date: 7-29-04 ✓		Day of Year: 211 ✓		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: 0000 26155 ✓	
Antenna #: 2 ✓ P/N: 41249-00	Manufacturer: Trimble DC: 4126	Model: Zephyr Geodetic	S/N: 11884506 ✓	

OBSERVATION TECHNIQUE

Static ☒

Session #: 4 ✓	Station Name: X 1449 ✓	PID: FV 1942 ✓ Edit
4 Character ID: X144 ✓ File Name(s): X144 21 4 ✓ File Name Format = aaaadddd.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) 1334 ✓ Start Time (UTC) 2034 End Time (Local) 1515 End Time (UTC) 2215		

ANTENNA INFORMATION

Fixed Height Tripod <input checked="" type="checkbox"/>	Collapsible Leg Tripod <input type="checkbox"/>	Other <input type="checkbox"/> Describe
Tripod #: 2	Tripod Manufacturer: SECO	Tripod Color: Green
Adjustment - Verified <input checked="" type="checkbox"/>	Adjusted <input type="checkbox"/> (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 40 meters N (direction) from antenna and (Above/Below)
 Pencil rubbing ☒ or sketch ☐ attached (Y/N) If no explain see previous session

PHOTOGRAPH LOG

Frame # or File name	Description

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

POOR PRECISIONS PDOP 5.9 @ 1334 / @ 1511 TRAIN PASSED BY
 PDOP 2.3 @ 1345
 " 1.7 " 1418
 USED STEEL SLAVE ON TOP

Log Checked By: R.B.M.

Date: 8-11-2004

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092
Observation Date: 7-29-04	Day of Year: 211	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: 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 #: ① ✓	Station Name: HPGND CA 05 ML ✓	PID: FV 2070 ✓
4 Character ID: 05 ML ✓	File Name(s): 05 ML 211 ✓	
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) 15:30 ✓	End Time (Local) 9:15 ✓ End Time (UTC) 16:15 ✓
Actual		
Start Time (Local) 8:10 ✓	Start Time (UTC) 15:10 ✓	End Time (Local) 9:15 ✓ End Time (UTC) 16:15 ✓

ANTENNA INFORMATION

Fixed Height Tripod <input checked="" type="checkbox"/>	Collapsible Leg Tripod <input type="checkbox"/>	Other <input type="checkbox"/> Describe _____
Tripod #: 3	Tripod Manufacturer: GECO	Tripod Color: CHARTREUSE
Adjustment - Verified <input checked="" type="checkbox"/>	Adjusted <input type="checkbox"/> (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 m		FIXED 2.000 m	
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	NELY BELOW (direction) from antenna and (Above/Below)	
Pencil rubbing <input checked="" type="checkbox"/> or sketch <input type="checkbox"/> attached (Y/N) (Y) ✓	If no explain _____	

PHOTOGRAPH LOG

Frame # or File name	Description

Remarks, Weather, Comments on Problems, Sketches, etc. OVERCAST, CALM
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Log Checked By: R.B.M.	Date: 8-11-2004
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7-29-04 HPCN D CA 05ML

'REH

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092
Observation Date: 7-29-04 ✓	Day of Year: 211 ✓		EA: 908160
Operator: RICH HAWKES ✓			Agency: CalTrans - District 05
Receiver #: 3 P/N: 40406-46	Manufacturer: Trimble	Model: 5700 Firmware Version: v 2.01	S/N: 0440100467 ✓
Controller #: 13 P/N: 45185-10	Manufacturer: Trimble	Model: TSCe Firmware Version: Survey Controller v 10.72	S/N: 00031555 ✓
Antenna #: 3 P/N: 41249-00	Manufacturer: Trimble	Model: Zephyr Geodetic DC: 4124 ✓	S/N: 12234994 ✓

OBSERVATION TECHNIQUE Static ☒

Session #: 2 ✓	Station Name: HPGN DCA 05 ML ✓	PID: FV 2070 ✓
4 Character ID: 05 ML ✓ File Name(s): 05 ML 2112 ✓		
File Name Format = aaaaddd.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) 9:34 ✓	Start Time (UTC) 16:34 ✓	End Time (Local) 11:15 ✓ End Time (UTC) 18:15 ✓

ANTENNA INFORMATION

Fixed Height Tripod <input checked="" type="checkbox"/>	Collapsible Leg Tripod <input type="checkbox"/>	Other <input type="checkbox"/> Describe _____
Tripod #: 3	Tripod Manufacturer: GELU	Tripod Color: CHARTREUSE
Adjustment - Verified <input checked="" type="checkbox"/>	Adjusted <input type="checkbox"/> (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				

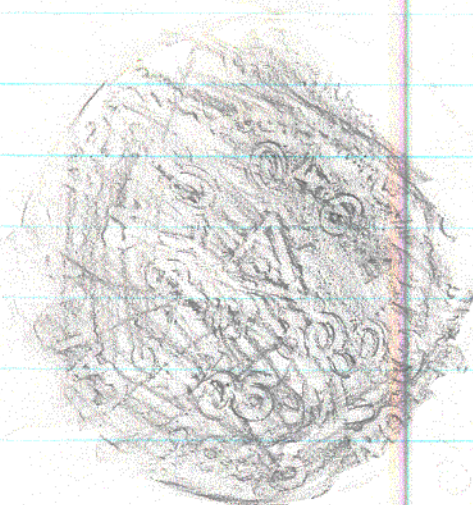
Antenna plumb before session? (Y/N) (Y) ✓	Antenna plumb after session? (Y/N) (Y) ✓	Antenna cable length 10m
Vehicle is parked 15 meters NELY BELOW (direction) from antenna and (Above/Below)		
Pencil rubbing <input checked="" type="checkbox"/> or sketch <input type="checkbox"/> attached (Y/N) (Y) ✓ If no explain _____		

PHOTOGRAPH LOG

Frame # or File name	Description

Remarks, Weather, Comments on Problems, Sketches, etc. OVERCAST, CALM NOTE! WHEN I PICKED UP AT 11:15 THE DATA COLLECTION DISPLAYED 43 MINUTES ON THE LOGGING SCREEN EVEN THOUGH I STARTED SESSION AT 9:43, WOULD BE A CIRCLE SLIP?

Log Checked By: R.B.M.	Date: 8-11-2004
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7-29-04 HPGL D CA 05 ML

REH

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092
Observation Date: 7-29-04	Day of Year: 211	EA: 908160	
Operator: RICH HAWKINS		Agency: CalTrans - District 05	
Receiver #: 3 P/N: 40406-46	Manufacturer: Trimble	Model: 5700 Firmware Version: v 2.01	S/N: 044040467 ✓
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 #: (3) ✓	Station Name: SWAN 2004 ✓	PID: NONE ✓ clear
4 Character ID: SWAN File Name(s): SWAN 2113		
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) 12:02 ✓	Start Time (UTC) 19:02 ✓	End Time (Local) 13:15 ✓	End Time (UTC) 20:15 ✓

ANTENNA INFORMATION

Fixed Height Tripod <input checked="" type="checkbox"/>	Collapsible Leg Tripod <input type="checkbox"/>	Other <input type="checkbox"/> Describe _____
Tripod #: 3	Tripod Manufacturer: SELO	Tripod Color: CHARTREUSE
Adjustment - Verified <input checked="" type="checkbox"/>	Adjusted <input type="checkbox"/> (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 10m
Vehicle is parked 20 meters NW 4 BELOW (direction) from antenna and (Above/Below)		
Pencil rubbing <input checked="" type="checkbox"/> or sketch <input type="checkbox"/> attached (Y/N) (Y) ✓ If no explain _____		

PHOTOGRAPH LOG

Frame # or File name	Description

Remarks, Weather, Comments on Problems, Sketches, etc. CLEAR, WARM, SLIGHT BREEZE
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Log Checked By: R.B.M.	Date: 8-11-2004
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"SWAN" 7-29-04

REH

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092
Observation Date: 7-29-04	Day of Year: 211	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: 0031555 ✓
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 #: 4 ✓	Station Name: HOG 1974 ✓	PID: GU3516 ✓
4 Character ID: HOGG ✓ File Name(s): HOGG2114 ✓		
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) 14:01 ✓	Start Time (UTC) 21:01 ✓	End Time (Local) 15:15 ✓ End Time (UTC) 22:15 ✓

ANTENNA INFORMATION

Fixed Height Tripod <input checked="" type="checkbox"/>	Collapsible Leg Tripod <input type="checkbox"/>	Other <input type="checkbox"/> Describe _____
Tripod #: 3	Tripod Manufacturer: GILD	Tripod Color: CHARTREUSE
Adjustment - Verified <input type="checkbox"/>	Adjusted <input checked="" type="checkbox"/> (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 m		Fixed 2.000 m	
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 50 meters NLY 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.

HOT, CLEAR, BREEZY

Log Checked By: R.B.M.

Date: 8-11-2004



"HOG 1974"

7-29-04 REH



Protect
the skin
you're in!

JD 216

Session 03

13:45 - 15:55



Wear a hat!

Cover up!



Wear
UV-protective
sunglasses!



Seek shade!



Put
on
sunscreen!

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092
Observation Date: 08-03-2004 ✓	Day of Year: 216 ✓	EA: 908160	
Operator: R.B. MacKenzie III ✓		Agency: CalTrans - District 05	
Receiver #: 1 ✓ P/N: 40406-46	Manufacturer: Trimble Model: 5700 Firmware Version: v 2.01	S/N: 0440100990 ✓	
Controller #: A ✓ P/N: 45185-10 ✓	Manufacturer: Trimble Model: TSCe Firmware Version: Survey Controller v 10.72	S/N: 00026155 ✓	
Antenna #: 1 ✓ P/N: 41249-00	Manufacturer: Trimble Model: Zephyr Geodetic DC: 4126 ✓	S/N: 12200511 ✓	

OBSERVATION TECHNIQUE Static ☒

Session #: 3 ✓	Station Name: HPGN D CA 05 KL ✓	PID: FV2067 ✓
4 Character ID: 05KL ✓ File Name(s): 05KL2163 ✓ 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) 15:30 ✓ End Time (UTC) 22:30 ✓		
Actual Start Time (Local) 14:20 ✓ Start Time (UTC) 21:20 ✓ End Time (Local) 15:32 ✓ End Time (UTC) 22:32 ✓		

ANTENNA INFORMATION

Fixed Height Tripod <input checked="" type="checkbox"/>	Collapsible Leg Tripod <input type="checkbox"/>	Other <input type="checkbox"/> Describe _____
Tripod #: 1	Tripod Manufacturer: SECO	Tripod Color: Green
Adjustment - Verified <input type="checkbox"/>	Adjusted <input checked="" type="checkbox"/> (Initials): R.B.M.	

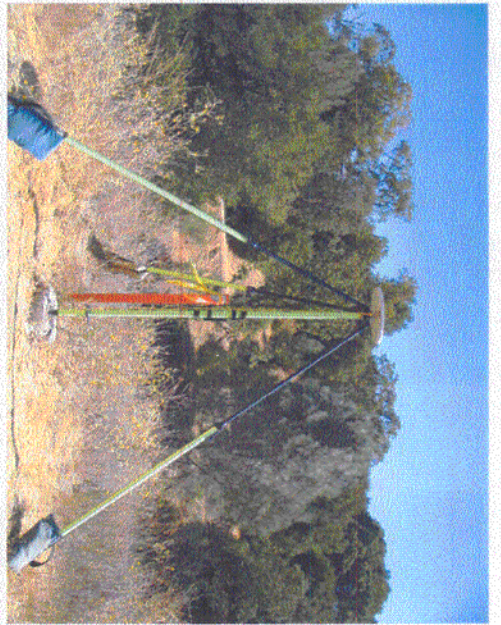
ANTENNA HEIGHT	Before Session Begins		After Session ends	
	Meters	Feet	Meters	Feet
A = Datum point to Top of Tripod or Height Hook reading	2.000	/	2.000	/
B = Additional offset to ARP if any (Quick Release/ HH constant)	Ø	/	Ø	/
H = Antenna Height = A+B = Datum Point to Antenna Reference Point (ARP) Note: 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 m.
Vehicle is parked 50 ± meters E'ly (direction) from antenna and (Above/Below) (Below)
Pencil rubbing <input type="checkbox"/> or sketch <input type="checkbox"/> attached (Y/N) (Y) If no explain Photos taken

PHOTOGRAPH LOG

Frame # or File name	Description
1	Approach to point - looking w'ly
2,3,4	Overall of set-up - looking w'ly, S'ly & E'ly
5,6	Close-up of monument
7	view of broken lid

Remarks, Weather, Comments on Problems, Sketches, etc. <div style="padding: 10px;"> <p>clear, warm, breezy</p> <p style="color: red;">Non Standard Receiver/Controller pairing</p> </div>
Log Checked By: R.B.M. Date: 8-11-2004



GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092
Observation Date: 8-03-2004 ✓	Day of Year: 216 ✓	EA: 908160
Operator: R.B. MacKenzie III ✓		Agency: CalTrans - District 05
Receiver #: 2 ✓ P/N: 40406-46	Manufacturer: Trimble Model: 5700 Firmware Version: v 2.01	S/N: 0440100986 ✓
Controller #: 6 ✓ P/N: 45185-10 ✓	Manufacturer: Trimble Model: TSCe Firmware Version: Survey Controller v 10.72	S/N: 00028923 ✓
Antenna #: 2 ✓ P/N: 41249-00	Manufacturer: Trimble Model: Zephyr Geodetic DC: 4126 ✓	S/N: 11884506 ✓

OBSERVATION TECHNIQUE Static ☒

Session #: 3 ✓	Station Name: HPGN D CA 05 HK ✓	PID: FV 2065 ✓
4 Character ID: 05HK ✓ File Name(s): 05HK2163 ✓ 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) 15:30 ✓ End Time (UTC) 22:30 ✓		
Actual Start Time (Local) 13:45 ✓ Start Time (UTC) 20:45 ✓ End Time (Local) 15:54 ✓ End Time (UTC) 22:54 ✓		

ANTENNA INFORMATION

Fixed Height Tripod <input checked="" type="checkbox"/>	Collapsible Leg Tripod <input type="checkbox"/>	Other <input type="checkbox"/> Describe _____
Tripod #: 2	Tripod Manufacturer: SECO	Tripod Color: Green
Adjustment - Verified <input type="checkbox"/>	Adjusted <input checked="" type="checkbox"/> (Initials): R.B.M.	

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

Antenna plumb before session? (Y/N) (Y) Antenna plumb after session? (Y/N) (Y) Antenna cable length 10m ✓
Vehicle is parked N/A meters (direction) from antenna and (Above/Below)
Pencil rubbing <input type="checkbox"/> or sketch <input type="checkbox"/> attached (Y/N) (Y) If no explain Photos taken

PHOTOGRAPH LOG

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

Remarks, Weather, Comments on Problems, Sketches, etc. <div style="font-size: 1.2em; margin-top: 10px;">clear, warm, breezy</div> <div style="color: red; font-size: 1.2em; margin-top: 10px;">Non Standard Receiver/Controller pairing</div>
Log Checked By: R.B.M. Date: 8-11-2004



GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092
Observation Date: 8-3-04 ✓	Day of Year: 216 ✓		EA: 908160
Operator: J. WALSH ✓		Agency: CalTrans - District 05	
Receiver #: 3 P/N: 40406-46	Manufacturer: Trimble	Model: 5700 Firmware Version: v 2.01	S/N: 0440100467 ✓
Controller #: 7 P/N: 45185-10	Manufacturer: Trimble	Model: TSCe Firmware Version: Survey Controller v 10.72	S/N: 00028951 ✓
Antenna #: 3 P/N: 41249-00	Manufacturer: Trimble DC: 12234994 4124 ✓	Model: Zephyr Geodetic	S/N: 12234994 ✓

OBSERVATION TECHNIQUE

Static ☒

Session #: 3 ✓	Station Name: A1315 ✓	PID: FV1095 ✓
4 Character ID: A131 ✓ File Name(s): Named it incorrectly → A131 A1312143.dat		
File Name Format = aaaadddd.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled 2:30 3:30		
Start Time (Local) 14:30	Start Time (UTC) 2130	End Time (Local) 15:30 End Time (UTC) 2230
Actual 2:19		
Start Time (Local) 14:19	Start Time (UTC) 2119	End Time (Local) 15:31 End Time (UTC) 2231

ANTENNA INFORMATION

Fixed Height Tripod <input checked="" type="checkbox"/>	Collapsible Leg Tripod <input type="checkbox"/>	Other <input type="checkbox"/> Describe _____
Tripod #: 3	Tripod Manufacturer: seco	Tripod Color: green
Adjustment - Verified <input checked="" type="checkbox"/>	Adjusted <input type="checkbox"/> (Initials): JWW	

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

Antenna plumb before session? (Y/N) (Y)	Antenna plumb after session? (Y/N) (Y)	Antenna cable length 10m
Vehicle is parked 30m meters	slly (direction) from antenna and (Above/Below)	
Pencil rubbing <input checked="" type="checkbox"/> or sketch <input type="checkbox"/> attached (Y/N) (Y) If no explain _____		

PHOTOGRAPH LOG

Frame # or File name	Description

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

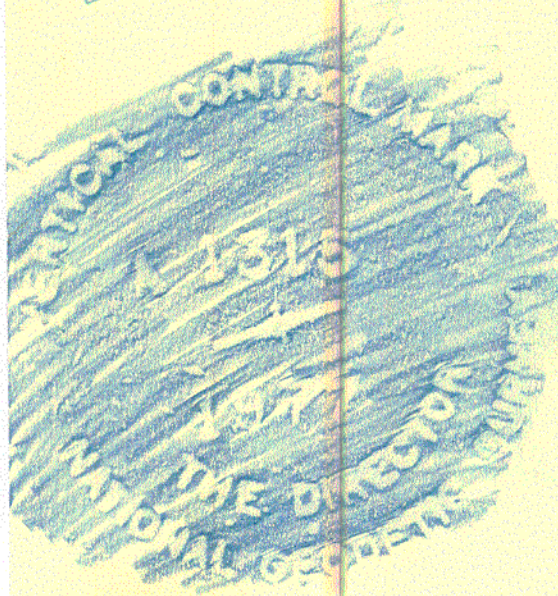
clear, Breezy

Non Standard Receiver / Controller pairing

Log Checked By: R.B.M.

Date: 8-11-2004

8-3-04 A1315



8-03-2004

A131
(A 1315)

216 Session 03

JD 217

8-04-2004

Session 01 08:24 - 10:27

Session 02 10:30 - 12:45

Session 03 ^{13:00}
~~12:57~~ - 14:36

Session 04 15:27 - 16:39

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092
Observation Date: 8-04-2004 ✓	Day of Year: 217 ✓	EA: 908160
Operator: R.B. MacKenzie III ✓		Agency: CalTrans - District 05
Receiver #: 1 ✓ P/N: 40406-46	Manufacturer: Trimble Model: 5700 Firmware Version: v 2.01	S/N: 0440100990 ✓
Controller #: A ✓ P/N: 45185-10 ✓	Manufacturer: Trimble Model: TSCe Firmware Version: Survey Controller v 10.72	S/N: 00026155 ✓
Antenna #: 1 ✓ P/N: 41249-00	Manufacturer: Trimble Model: Zephyr Geodetic DC: 4126 ✓	S/N: 12200511 ✓

OBSERVATION TECHNIQUE

Static ☒

Session #: 1 ✓	Station Name: Y 707 Reset ✓	PID: FV0048 ✓
4 Character ID: Y707 ✓ File Name(s): Y7072171 ✓		
File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled		
Start Time (Local) 08:00 ✓	Start Time (UTC) 15:00 ✓	End Time (Local) 10:15 ✓ End Time (UTC) 17:15 ✓
Actual		
Start Time (Local) 08:44 ✓	Start Time (UTC) 15:44 ✓	End Time (Local) 10:16 ✓ End Time (UTC) 17:16 ✓

ANTENNA INFORMATION

Fixed Height Tripod <input type="checkbox"/>	Collapsible Leg Tripod <input type="checkbox"/>	Other <input checked="" type="checkbox"/> Describe Pinned Center Section Tripod
Tripod # :	Tripod Manufacturer: SECO	Tripod Color: Yellow
Adjustment - Verified <input checked="" type="checkbox"/>	Adjusted <input type="checkbox"/> (Initials): R.B.M.	

ANTENNA HEIGHT	Before Session Begins		After Session ends	
	Meters	Feet	Meters	Feet
A = Datum point to Top of Tripod or Height Hook reading	1.500	/		
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	Edit 1.500	/		

Antenna plumb before session? (Y/N) (Y) ✓	Antenna plumb after session? (Y/N) (Y) ✓	Antenna cable length 10mt.
Vehicle is parked 32 ± meters	Ely (direction) from antenna and (Above/Below)	
Pencil rubbing <input type="checkbox"/> or sketch <input type="checkbox"/> attached (Y/N) (Y) ✓	If no explain Photos Taken	

PHOTOGRAPH LOG

Frame # or File name	Description
1 camera did not save	Overall view of Set-up looking N'ly
2	Detail of pinned height @ 1.5 mt.
3 & 4	Close-up of monument

Remarks, Weather, Comments on Problems, Sketches, etc.
Clear, warm, calm
Non Standard Receiver/Controller Pairing

Log Checked By:	Date:
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GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092
Observation Date: 8-04-2004 ✓	Day of Year: 217 ✓	EA: 908160
Operator: R.B. MacKenzie III ✓		Agency: CalTrans - District 05
Receiver #: 1 ✓ P/N: 40406-46	Manufacturer: Trimble Model: 5700 Firmware Version: v 2.01	S/N: 0440100990 ✓
Controller #: A ✓ P/N: 45185-10 ✓	Manufacturer: Trimble Model: TSCe Firmware Version: Survey Controller v 10.72	S/N: 00026155 ✓
Antenna #: 1 ✓ P/N: 41249-00	Manufacturer: Trimble Model: Zephyr Geodetic DC: 4126 ✓	S/N: 12200511 ✓

OBSERVATION TECHNIQUE

Static ☒

Session #: 2 ✓	Station Name: Y 707 Reset ✓	PID: FV 0048 ✓
4 Character ID: Y707 ✓ File Name(s): Y70721712 ✓		
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) 12:36 ✓	End Time (UTC) 19:30 ✓
Actual			
Start Time (Local) 11:04 ✓	Start Time (UTC) 18:04 ✓	End Time (Local) 12:31 ✓	End Time (UTC) 19:31 ✓

ANTENNA INFORMATION

Fixed Height Tripod <input type="checkbox"/>	Collapsible Leg Tripod <input type="checkbox"/>	Other <input checked="" type="checkbox"/> Describe Pinned Ctr. Sec. Tripod
Tripod # :	Tripod Manufacturer: SECO	Tripod Color: Yellow
Adjustment - Verified <input checked="" type="checkbox"/>	Adjusted <input type="checkbox"/> (Initials): R.B.M.	

ANTENNA HEIGHT	Before Session Begins		After Session ends	
	Meters	Feet	Meters	Feet
A = Datum point to Top of Tripod or Height Hook reading	1.500			
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	1.500			

Antenna plumb before session? (Y/N) Y	Antenna plumb after session? (Y/N) Y	Antenna cable length 10 m
Vehicle is parked 33 ± meters	Ely (direction) from antenna and (Above/Below)	
Pencil rubbing <input type="checkbox"/> or sketch <input type="checkbox"/> attached (Y/N) Y	If no explain Photos Taken (see session 01)	

PHOTOGRAPH LOG

Frame # or File name	Description

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

Clear, warm, calm

Non Standard Receiver/Controller pairing

Log Checked By:

Date:

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092
Observation Date: 8-04-2004 ✓	Day of Year: 217 ✓	EA: 908160
Operator: R.B. Mackenzie III ✓		Agency: CalTrans - District 05
Receiver #: 1 ✓ P/N: 40406-46	Manufacturer: Trimble Model: 5700 Firmware Version: v 2.01	S/N: 0440100990 ✓
Controller #: A ✓ P/N: 45185-10 ✓	Manufacturer: Trimble Model: TSCe Firmware Version: Survey Controller v 10.72	S/N: 00026155 ✓
Antenna #: 1 ✓ P/N: 41249-00	Manufacturer: Trimble Model: Zephyr Geodetic DC: 4126 ✓	S/N: 12200511 ✓

OBSERVATION TECHNIQUE

Static ☒

Session #: 3 ✓	Station Name: Y 707 Reset ✓	PID: FV0048 ✓
4 Character ID: Y707 ✓ File Name(s): Y7072173 ✓		
File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		

Scheduled			
Start Time (Local) 13:30 ✓	Start Time (UTC) 20:30 ✓	End Time (Local) 14:30 ✓	End Time (UTC) 21:30 ✓
Actual			
Start Time (Local) 13:28 ✓	Start Time (UTC) 20:28 ✓	End Time (Local) 14:30 ✓	End Time (UTC) 21:30 ✓

ANTENNA INFORMATION

Fixed Height Tripod <input type="checkbox"/>	Collapsible Leg Tripod <input type="checkbox"/>	Other <input checked="" type="checkbox"/> Describe Pinned Ctr. Section Tripod
Tripod # :	Tripod Manufacturer: SECO	Tripod Color: Yellow
Adjustment - Verified <input checked="" type="checkbox"/> Adjusted <input type="checkbox"/> (Initials): R.B.M.		

ANTENNA HEIGHT	Before Session Begins		After Session ends	
	Meters	Feet	Meters	Feet
A = Datum point to Top of Tripod or Height Hook reading	1.500		1.5 m	
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	1.500		1.5 m	

Antenna plumb before session? (Y/N) (Y)	Antenna plumb after session? (Y/N) (Y)	Antenna cable length 10 mt.
Vehicle is parked _____ meters	(direction) from antenna and (Above/Below)	
Pencil rubbing <input type="checkbox"/> or sketch <input type="checkbox"/> attached (Y/N) (Y) If no explain Photos Taken (see session 01)		

PHOTOGRAPH LOG

Frame # or File name	Description

Remarks, Weather, Comments on Problems, Sketches, etc.
Clear, warm, breezy
Non Standard Receiver/Controller pairing

Log Checked By:	Date:
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GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092	
Observation Date: 8.04.04 ✓	Day of Year: 217 ✓	EA: 908160	
Operator: N. TATARIAN ✓		Agency: CalTrans – District 05	
Receiver #: 1 ✓ P/N: 40406-46	Manufacturer: Trimble Model: 5700 Firmware Version: v 2.01	S/N: 0440100990	
Controller #: A ✓ P/N: 45185-10	Manufacturer: Trimble Model: TSCe Firmware Version: Survey Controller v 10.72	S/N: 00026155	
Antenna #: 1 ✓ P/N: 41249-00	Manufacturer: Trimble Model: Zephyr Geodetic DC: 4126	S/N: 12200511	

OBSERVATION TECHNIQUE

Static ☒

Session #: 4 ✓	Station Name: X1449 ✓	PID: FV 1942 ✓
4 Character ID: X144 ✓ File Name(s): X1442174 ✓ File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled Start Time (Local) 1530 ✓ Start Time (UTC) 2230 ✓ End Time (Local) 1630 ✓ End Time (UTC) 2330 ✓		
Actual Start Time (Local) 1528 ✓ Start Time (UTC) 2228 ✓ End Time (Local) 1637 ✓ End Time (UTC) 2337 ✓		

ANTENNA INFORMATION

Fixed Height Tripod <input checked="" type="checkbox"/>	Collapsible Leg Tripod <input type="checkbox"/>	Other <input type="checkbox"/> Describe _____
Tripod #: 1	Tripod Manufacturer: SECO	Tripod Color: GREEN
Adjustment - Verified <input checked="" type="checkbox"/> Adjusted <input type="checkbox"/> (Initials): _____		

ANTENNA HEIGHT	Before Session Begins		After Session ends	
	Meters	Feet	Meters	Feet
A = Datum point to Top of Tripod or Height Hook reading	2.0m		2.0m	
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	2.0m		2.0m	

Antenna plumb before session? (Y/N) (Y)	Antenna plumb after session? (Y/N) (Y)	Antenna cable length 10m
Vehicle is parked _____ meters	(direction) from antenna and (Above/Below)	
Pencil rubbing <input type="checkbox"/> or sketch <input type="checkbox"/> attached (Y/N) (Y)	If no explain	SS ROD IN WELL NO RUB.

PHOTOGRAPH LOG

Frame # or File name	Description
	NO PHOTOS TAKEN

Remarks, Weather, Comments on Problems, Sketches, etc.
Non Standard Receiver / Controller pairing
Log Checked By: _____ Date: _____

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092	
Observation Date: 8-04-2004 ✓		Day of Year: 217 ✓		EA: 908160
Operator: R.B. MacKenzie ✓			Agency: CalTrans - District 05	
Receiver #: 2 ✓	Manufacturer: Trimble	Model: 5700	S/N: 0440100986 ✓	
P/N: 40406-46		Firmware Version: v 2.01		
Controller #: 6 ✓	Manufacturer: Trimble	Model: TSCe	S/N: 00028923 ✓	
P/N: 45185-10 ✓		Firmware Version: Survey Controller v 10.72		
Antenna #: 2 ✓	Manufacturer: Trimble	Model: Zephyr Geodetic	S/N: 11884506 ✓	
P/N: 41249-00		DC: 4126 ✓		

OBSERVATION TECHNIQUE

Static ☒

Session #: 1 ✓	Station Name: YORK ✓	PID: none ✓
4 Character ID: YORK ✓ File Name(s): YORK2171 ✓		
File Name Format = aaaadddd.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled		
Start Time (Local) 08:00 ✓ Start Time (UTC) 15:00 ✓ End Time (Local) 10:15 ✓ End Time (UTC) 17:15 ✓		
Actual		
Start Time (Local) 08:24 ✓ Start Time (UTC) 15:24 ✓ End Time (Local) 10:26 ✓ End Time (UTC) 17:26 ✓		

ANTENNA INFORMATION

Fixed Height Tripod <input checked="" type="checkbox"/>	Collapsible Leg Tripod <input type="checkbox"/>	Other <input type="checkbox"/> Describe _____
Tripod #: 2	Tripod Manufacturer: SECO	Tripod Color: Green
Adjustment - Verified <input checked="" type="checkbox"/>	Adjusted <input type="checkbox"/> (Initials): R.B.M.	

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

Antenna plumb before session? <input checked="" type="checkbox"/> (Y/N)	Antenna plumb after session? <input checked="" type="checkbox"/> (Y/N)	Antenna cable length 10 mt.
Vehicle is parked N/A meters	(direction) from antenna and (Above/Below)	
Pencil rubbing <input type="checkbox"/> or sketch <input type="checkbox"/> attached <input checked="" type="checkbox"/> (Y/N)	If no explain Photos Taken	

PHOTOGRAPH LOG

Frame # or File name	Description
5 & 6	Close-up of monument

Remarks, Weather, Comments on Problems, Sketches, etc.	
Clear, warm, calm	
Non Standard Receiver/Controller pairing	
Log Checked By:	Date:



GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092
Observation Date: 8-04-2004 ✓	Day of Year: 217 ✓	EA: 908160
Operator: R.B. MacKenzie III ✓		Agency: CalTrans - District 05
Receiver #: 2 ✓ P/N: 40406-46	Manufacturer: Trimble Model: 5700 Firmware Version: v 2.01	S/N: 0440100986 ✓
Controller #: 6 ✓ P/N: 45185-10 ✓	Manufacturer: Trimble Model: TSCe Firmware Version: Survey Controller v 10.72	S/N: 00028923 ✓
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 ✓
4 Character ID: YORK ✓ File Name(s): YORK2172 ✓ File Name Format = aaaaddd.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) 12:30 ✓ End Time (UTC) 19:30 ✓		
Actual Start Time (Local) 10:30 ✓ Start Time (UTC) 17:30 ✓ End Time (Local) 12:45 ✓ End Time (UTC) 19:45 ✓		

ANTENNA INFORMATION

Fixed Height Tripod <input checked="" type="checkbox"/>	Collapsible Leg Tripod <input type="checkbox"/>	Other <input type="checkbox"/> Describe _____
Tripod #: 2	Tripod Manufacturer: SECO	Tripod Color: Green
Adjustment - Verified <input checked="" type="checkbox"/>	Adjusted <input type="checkbox"/> (Initials): R.B.M.	

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

Antenna plumb before session? (Y/N) Antenna plumb after session? (Y/N) Antenna cable length 10 mt.
 Vehicle is parked N/A meters (direction) from antenna and (Above/Below)
 Pencil rubbing ☐ or sketch ☐ attached (Y/N) If no explain Photos Taken (see session 01)

PHOTOGRAPH LOG

Frame # or File name	Description

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

Clear, warm, calm

Non Standard Receiver/Controller pairing

Log Checked By:

Date:

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092
Observation Date: 8-04-2004 ✓	Day of Year: 217 ✓	EA: 908160
Operator: R.B. MacKenzie ✓		Agency: CalTrans – District 05
Receiver #: 2 ✓ P/N: 40406-46	Manufacturer: Trimble Model: 5700 Firmware Version: v 2.01	S/N: 0440100986 ✓
Controller #: 6 ✓ P/N: 45185-10 ✓	Manufacturer: Trimble Model: TSCe Firmware Version: Survey Controller v 10.72	S/N: 00028923 ✓
Antenna #: 2 ✓ P/N: 41249-00	Manufacturer: Trimble Model: Zephyr Geodetic DC: 4126 ✓	S/N: 11884506 ✓

OBSERVATION TECHNIQUE

Static ☒

Session #: 3 ✓	Station Name: YORK ✓	PID: none ✓
4 Character ID: YORK ✓ File Name(s): YORK2173 ✓ File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled Start Time (Local) 13:30 ✓ Start Time (UTC) 20:30 ✓ End Time (Local) 14:30 ✓ End Time (UTC) 21:30 ✓		
Actual Start Time (Local) 13:00 ✓ Start Time (UTC) 20:00 ✓ End Time (Local) 14:35 ✓ End Time (UTC) 21:35 ✓		

ANTENNA INFORMATION

Fixed Height Tripod <input checked="" type="checkbox"/>	Collapsible Leg Tripod <input type="checkbox"/>	Other <input type="checkbox"/> Describe _____
Tripod #: 2	Tripod Manufacturer: SECO	Tripod Color: Green
Adjustment - Verified <input checked="" type="checkbox"/>	Adjusted <input type="checkbox"/> (Initials): R.B.M.	

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

Antenna plumb before session? (Y/N) <u>Y</u>	Antenna plumb after session? (Y/N) <u>Y</u>	Antenna cable length _____
Vehicle is parked <u>N/A</u> meters _____	(direction) from antenna and (Above/Below)	
Pencil rubbing <input type="checkbox"/> or sketch <input type="checkbox"/> attached (Y/N) <u>Y</u>	If no explain <u>Photos Taken (see session 01)</u>	

PHOTOGRAPH LOG

Frame # or File name	Description

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

Non Standard Receiver/Controller pairing

Log Checked By: _____

Date: _____

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092	
Observation Date: 8/4/04 ✓	Day of Year: 217 ✓	EA: 908160	
Operator: J Walsky ✓		Agency: CalTrans - District 05	
Receiver #: 3 ✓ P/N: 40406-46	Manufacturer: Trimble Model: 5700 Firmware Version: v 2.01	S/N: 000 0440100467 ✓	
Controller #: 7 ✓ P/N: 45185-10 ✓	Manufacturer: Trimble Model: TSCe Firmware Version: Survey Controller v 10.72	S/N: 00028951 ✓	
Antenna #: 3 P/N: 41249-00	Manufacturer: Trimble Model: Zephyr Geodetic DC: 4124 ✓	S/N: 12234994 ✓	

OBSERVATION TECHNIQUE

Static ☒

Session #: 1 ✓	Station Name: Retain ✓	PID: none ✓ clear
4 Character ID: Retn ✓ File Name(s): Retn2170. RETA2171		
File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled		
Start Time (Local) 08:00	Start Time (UTC) 15:00	End Time (Local) 10:15
End Time (UTC) 17:15	Actual	
Start Time (Local) 08:24	Start Time (UTC) 15:24	End Time (Local) 10:16
End Time (UTC) 17:16		

ANTENNA INFORMATION

Fixed Height Tripod <input checked="" type="checkbox"/>	Collapsible Leg Tripod <input type="checkbox"/>	Other <input type="checkbox"/> Describe
Tripod #: 3	Tripod Manufacturer: Seco	Tripod Color: green
Adjustment - Verified <input checked="" type="checkbox"/>	Adjusted <input type="checkbox"/> (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 10 m

Vehicle is parked 40 m meters (direction) from antenna and (Above/Below)

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

PHOTOGRAPH LOG

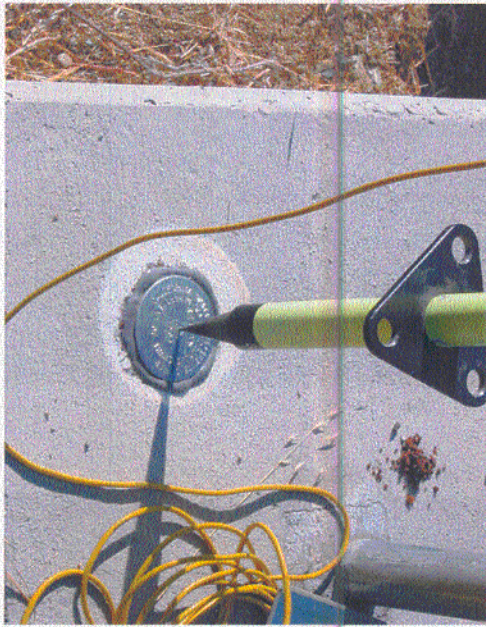
Frame # or File name	Description
1, 2	mon close up
3, 4, 5, 6	fly wly fly nly

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

clear cool calm

Non Standard Receiver / Controller pairing

Log Checked By:	Date:
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GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092
Observation Date: 8/4/04 ✓	Day of Year: 217 ✓	EA: 908160
Operator: J. WALSH ✓		Agency: CalTrans - District 05
Receiver #: 3 ✓ P/N: 40406-46	Manufacturer: Trimble Model: 5700 Firmware Version: v 2.01	S/N: 0440100467 ✓
Controller #: 7 ✓ P/N: 45185-10 ✓	Manufacturer: Trimble Model: TSCe Firmware Version: Survey Controller v 10.72	S/N: 00028951 ✓
Antenna #: 3 ✓ P/N: 41249-00	Manufacturer: Trimble Model: Zephyr Geodetic DC: 4124 ✓	S/N: 12234994 ✓

OBSERVATION TECHNIQUE

Static ☒

Session #: 2 ✓	Station Name: Retain ✓	PID: none clear
4 Character ID: Rcta ✓ File Name(s): Rcta2171 RETA2172 File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled 11:30 ✓	11:30 ✓	12:30 ✓
Start Time (Local)	Start Time (UTC) 18:30	End Time (Local) 12:30
Actual 11:29 ✓	11:29 ✓	12:31 ✓
Start Time (Local)	Start Time (UTC) 18:29	End Time (Local)
		End Time (UTC) 19:31

ANTENNA INFORMATION

Fixed Height Tripod <input checked="" type="checkbox"/>	Collapsible Leg Tripod <input type="checkbox"/>	Other <input type="checkbox"/> Describe _____
Tripod #: 3	Tripod Manufacturer: Soco	Tripod Color: green
Adjustment - Verified <input checked="" type="checkbox"/>	Adjusted <input type="checkbox"/> (Initials): gm	

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	2.000			

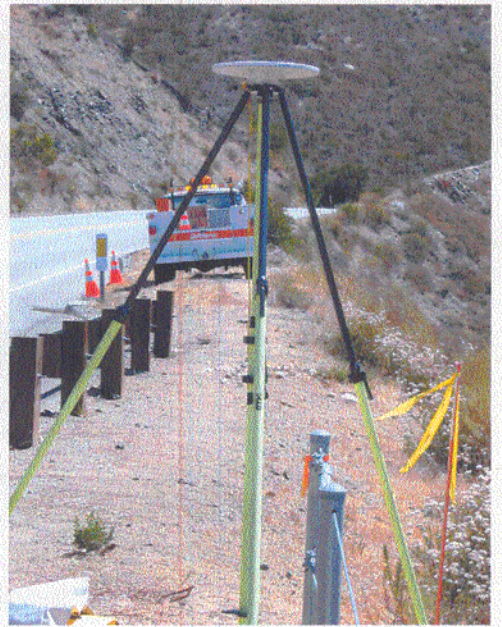
Antenna plumb before session? (Y/N) Antenna plumb after session? (Y/N) Antenna cable length 10m
 Vehicle is parked 10+ meters Ely (direction) from antenna and (Above/Below)
 Pencil rubbing ☐ or sketch ☐ attached (Y/N) If no explain Dig photo

PHOTOGRAPH LOG

Frame # or File name	Description
1	mon
2, 3, 4, 5	SLY, ELY, WLY, NLY

Remarks, Weather, Comments on Problems, Sketches, etc.
 Clear cool slight breeze
 Non Standard Receiver/Controller pairing

Log Checked By:	Date:
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GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092
Observation Date: 8/4/04 ✓	Day of Year: 217 ✓		EA: 908160
Operator: J. Walsh ✓		Agency: CalTrans – District 05	
Receiver #: 3 ✓ P/N: 40406-46	Manufacturer: Trimble	Model: 5700 Firmware Version: v 2.01	S/N: 0440100467 ✓
Controller #: 7 ✓ P/N: 45185-10 ✓	Manufacturer: Trimble	Model: TSCe Firmware Version: Survey Controller v 10.72	S/N: 00028751 ✓
Antenna #: 3 ✓ P/N: 41249-00	Manufacturer: Trimble DC: 4124 ✓	Model: Zephyr Geodetic	S/N: 12234994 ✓

OBSERVATION TECHNIQUE

Static ☒

Session #: 3 ✓	Station Name: Retain	PID: none ✓ clear
4 Character ID: Reta ✓ Edit File Name(s): Reta 2173 ✓ File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled 1330 ✓	Start Time (Local)	Start Time (UTC) 2030 End Time (Local) 1430 ✓
Actual 1331 ✓	Start Time (Local)	Start Time (UTC) 2031 End Time (Local) 1432 End Time (UTC) 2132

ANTENNA INFORMATION

Fixed Height Tripod <input checked="" type="checkbox"/>	Collapsible Leg Tripod <input type="checkbox"/>	Other <input type="checkbox"/> Describe _____
Tripod #: 3	Tripod Manufacturer: Seeco	Tripod Color: green
Adjustment - Verified <input checked="" type="checkbox"/>	Adjusted <input type="checkbox"/> (Initials): Jm	

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	2.000			

Antenna plumb before session? (Y/N) (Y)	Antenna plumb after session? (Y/N) (Y)	Antenna cable length 10m
Vehicle is parked 40m ✓	meters 4.4 ✓	(direction) from antenna and (Above/Below)
Pencil rubbing <input type="checkbox"/> or sketch <input type="checkbox"/> attached (Y/N) (Y)	If no explain Dig Photo	

PHOTOGRAPH LOG

Frame # or File name	Description
1	mon close up
2, 3	gly, wly

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

Non Standard Receiver/Controller pairing

Log Checked By:

Date:



GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092	
Observation Date: 8/4/04 ✓		Day of Year: 217 ✓		EA: 908160
Operator: J. WALSH ✓			Agency: CalTrans - District 05	
Receiver #: 3 ✓	Manufacturer: Trimble	Model: 5700	S/N: 0440100467 ✓	
P/N: 40406-46		Firmware Version: v 2.01		
Controller #: 7 ✓	Manufacturer: Trimble	Model: TSCe	S/N: 00028951 ✓	
P/N: 45185-10 ✓		Firmware Version: Survey Controller v 10.72		
Antenna #: 3	Manufacturer: Trimble	Model: Zephyr Geodetic	S/N: 1223494 ✓	
P/N: 41249-00		DC: 4124 ✓		

OBSERVATION TECHNIQUE

Static ☒

Session #: 4 ✓		Station Name: Texaco ✓		PID: FV1813 ✓	
4 Character ID: Texa ✓		File Name(s): Texa 2174 ✓		CAPS	
File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension					
Scheduled 1530 ✓		Start Time (Local) 1630 ✓		End Time (Local) 2330	
Start Time (UTC) 2230		End Time (UTC) 2330			
Actual 1537		Start Time (Local) 2237		End Time (Local) 1638	
Start Time (UTC) 2237		End Time (UTC) 2338			

ANTENNA INFORMATION

Fixed Height Tripod <input checked="" type="checkbox"/>		Collapsible Leg Tripod <input type="checkbox"/>		Other <input type="checkbox"/> Describe _____	
Tripod #: 3		Tripod Manufacturer: Sigo		Tripod Color: green	
Adjustment - Verified <input checked="" type="checkbox"/>		Adjusted <input type="checkbox"/> (Initials): gm			

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	2.000			

Antenna plumb before session? (Y/N) <u>Y</u>		Antenna plumb after session? (Y/N) <u>Y</u>		Antenna cable length <u>10m</u>	
Vehicle is parked <u>40</u> meters		<u>WLY</u> (direction) from antenna and (Above/Below)			
Pencil rubbing <input type="checkbox"/> or sketch <input type="checkbox"/> attached (Y/N) <u>Y</u>		If no explain <u>DIG PHOTO</u>			

PHOTOGRAPH LOG

Frame # or File name	Description
1	man close-up
2	N'ly
3	S'ly
4	E'ly

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

Clear warm Breezy

Non Standard Receiver/Controller pairing

Log Checked By:

Date:



WRONG ANTENNA HEIGHT ON SESSION 1, 2, 3 (~~1.800~~ 1.800
SHOULD BE 2.000)

DIDN'T SHUT OFF RECEIVER BETWEEN SESSIONS 1 & 2.

J. Blaes
8-04-2004

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092
Observation Date: 8-4-04 ✓	Day of Year: 217 ✓		EA: 908160
Operator: J. BLAES ✓		Agency: CalTrans – District 05	
Receiver #: 4 ✓ P/N: 40406-46	Manufacturer: Trimble	Model: 5700 Firmware Version: v 2.01	S/N: 022047368 0220247368
Controller #: 4 ✓ P/N: 45185-10 ✓	Manufacturer: Trimble	Model: TSCe Firmware Version: Survey Controller v 10.72	S/N: 00031589 ✓
Antenna #: 4 ✓ P/N: 41249-00	Manufacturer: Trimble DC: 4126 ✓	Model: Zephyr Geodetic	S/N: 1220360 12200350

OBSERVATION TECHNIQUE

Static ☒

Session #: 1 ✓	Station Name: PM 46.87 ✓	PID: FV 2077 ✓
4 Character ID: PM46 ^{Edit} File Name(s): PM46 217 1 ✓ ^{CAPS}		
File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled		
Start Time (Local) 0800 ✓	Start Time (UTC) 1500 ✓	End Time (Local) 0930 10:15 ✓ End Time (UTC) 1630 1715 ✓
Actual		
Start Time (Local) 0825 ✓	Start Time (UTC) 1525 ✓	End Time (Local) 1015 ✓ End Time (UTC) 1715 ✓

ANTENNA INFORMATION

Fixed Height Tripod <input checked="" type="checkbox"/>	Collapsible Leg Tripod <input type="checkbox"/>	Other <input type="checkbox"/> Describe _____
Tripod #: 10	Tripod Manufacturer: SECO	Tripod Color: GREEN
Adjustment - Verified <input checked="" type="checkbox"/>	Adjusted <input type="checkbox"/> (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	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 ^{Edit}	6.56	2.000	6.56

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

Vehicle is parked 40 meters SE (direction) from antenna and (Above/Below)

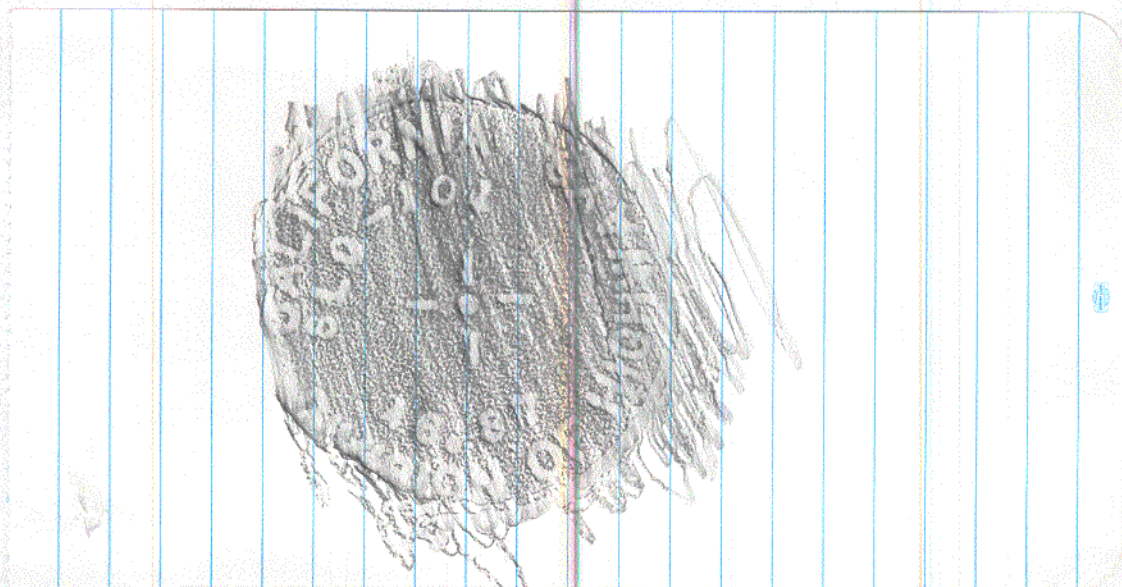
Pencil rubbing ☒ or sketch ☐ attached ☒ (Y/N) If no explain _____

PHOTOGRAPH LOG

Frame # or File name	Description

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

Log Checked By: _____	Date: _____
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8-04-2004

PM46
(SLO 101 PM 46.87)

217 Session 01

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation			SR#: 0405-0092
Observation Date: 8-4-04 ✓	Day of Year: 217 ✓		EA: 908160
Operator: J. BLAES ✓		Agency: CalTrans - District 05	
Receiver #: 4 ✓ P/N: 40406-46	Manufacturer: Trimble	Model: 5700 Firmware Version: v 2.01	S/N: 022047368 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: 1220360 12200350

OBSERVATION TECHNIQUE

 Static ☒

CAPS

Session #: 2 ✓	Station Name: PM 46.87 ✓	PID: FV2077 ✓
4 Character ID: PM46 ✓ ^{Edit} File Name(s): PM46 217 2 ✓ (In file PM462171)		
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) 1830 ✓	End Time (Local) 1230 ✓ End Time (UTC) 1930 ✓
Actual		
Start Time (Local) 1/01 ✓	Start Time (UTC) 1801 ✓	End Time (Local) 1230 ✓ End Time (UTC) 1930 ✓

ANTENNA INFORMATION

Fixed Height Tripod <input checked="" type="checkbox"/>	Collapsible Leg Tripod <input type="checkbox"/>	Other <input type="checkbox"/> Describe _____
Tripod #: 10	Tripod Manufacturer: SEGO	Tripod Color: GREEN
Adjustment - Verified <input checked="" type="checkbox"/>	Adjusted <input type="checkbox"/> (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	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 ^{Edit}	6.56	2.000	6.56

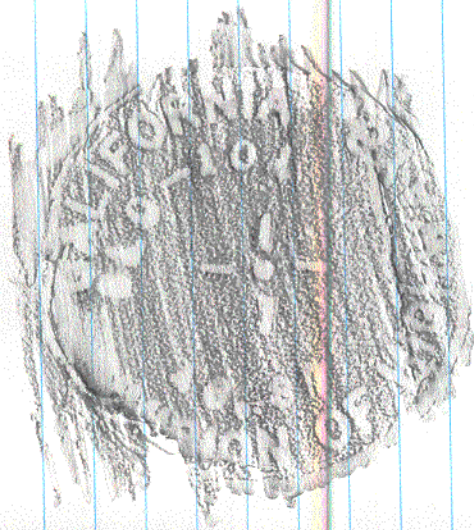
Antenna plumb before session? <input checked="" type="checkbox"/> (Y/N)	Antenna plumb after session? <input checked="" type="checkbox"/> (Y/N)	Antenna cable length 10m
Vehicle is parked 40 meters	SE (direction) from antenna and (Above/Below)	
Pencil rubbing <input checked="" type="checkbox"/> or sketch <input type="checkbox"/> attached <input checked="" type="checkbox"/> (Y/N)	If no explain _____	

PHOTOGRAPH LOG

Frame # or File name	Description

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

Log Checked By: _____	Date: _____
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8-04-2004

PM4C
(SLO 101 PM 46.87)

217 Session 02

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092
Observation Date: 8-4-04 ✓	Day of Year: 217 ✓	EA: 908160
Operator: J. BLAES ✓		Agency: CalTrans – District 05
Receiver #: 4 ✓ P/N: 40406-46	Manufacturer: Trimble Model: 5700 Firmware Version: v 2.01	S/N: 022047368 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: 1220360 12200350

OBSERVATION TECHNIQUE

Static ☒

Session #: 3 ✓	Station Name: PM 46.87 ✓	PID: FV 2077 ✓
4 Character ID: PM46 ^{Edit} File Name(s): PM46 217 3 ✓		
File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled		
Start Time (Local) 1330 ✓	Start Time (UTC) 2030 ✓	End Time (Local) 1430 ✓ End Time (UTC) 2130 ✓
Actual		
Start Time (Local) 1309 ✓	Start Time (UTC) 2009 ✓	End Time (Local) 1430 ✓ End Time (UTC) 2130 ✓

ANTENNA INFORMATION

Fixed Height Tripod <input checked="" type="checkbox"/>	Collapsible Leg Tripod <input type="checkbox"/>	Other <input type="checkbox"/> Describe _____
Tripod #: 10	Tripod Manufacturer: SECO	Tripod Color: GREEN
Adjustment - Verified <input checked="" type="checkbox"/>	Adjusted <input type="checkbox"/> (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	2.000	6.56	2.000	6.56
B = Additional offset to ARP if any (Quick Release/ HH constant)	0	0	0	0
H = Antenna Height = A+B = Datum Point to Antenna Reference Point (ARP) Note: ARP is Bottom of Antenna Mount	2.000	6.56	2.000	6.56

Antenna plumb before session? (Y/N) (Y)	Antenna plumb after session? (Y/N) (Y)	Antenna cable length 10m
Vehicle is parked 40 meters	SE (direction) from antenna and (Above/Below)	
Pencil rubbing <input checked="" type="checkbox"/> or sketch <input type="checkbox"/> attached (Y/N) (Y)	If no explain _____	

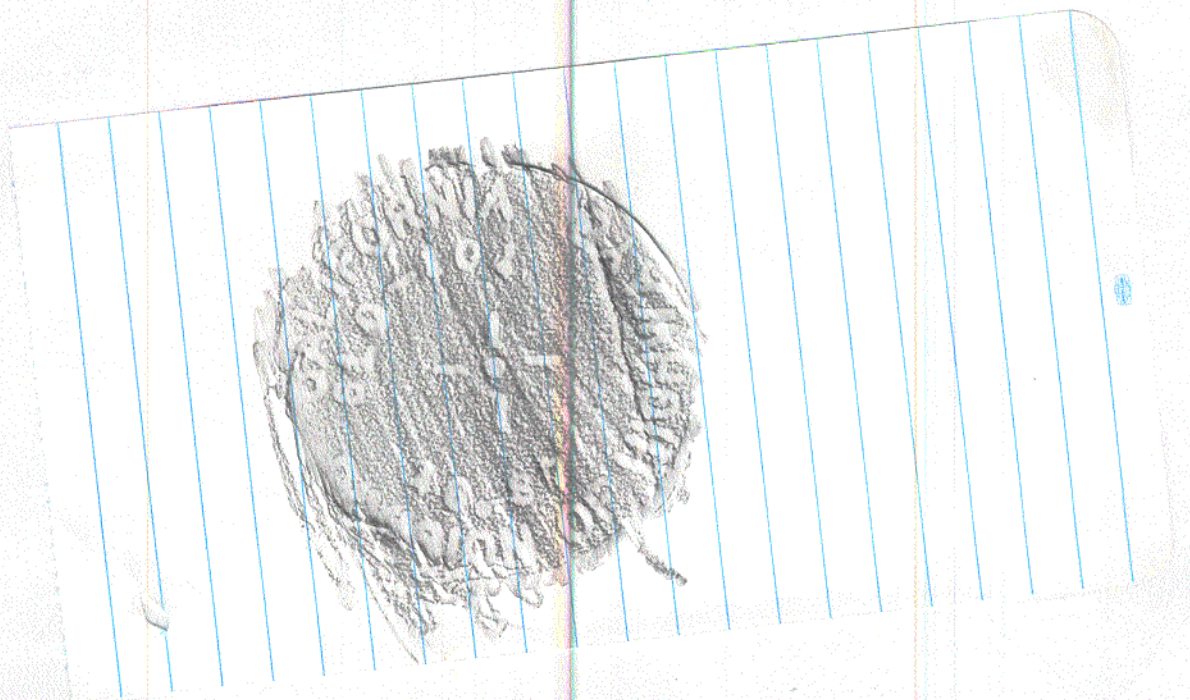
PHOTOGRAPH LOG

Frame # or File name	Description

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

Log Checked By:

Date:



8-04-2004

PM46
(SLO 101 PM 46.87)

217 Session 03

GPS FIELD OBSERVATION LOG

Project Name: San Simeon HPGN Reobservation		SR#: 0405-0092
Observation Date: 8-4-04 ✓	Day of Year: 217	EA: 908160
Operator: J. BLAES ✓		Agency: CalTrans - District 05
Receiver #: 4 ✓ P/N: 40406-46	Manufacturer: Trimble Model: 5700 Firmware Version: v 2.01	S/N: 022047368 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: 1220360 12200350

OBSERVATION TECHNIQUE

Static ☒

Session #: 4 ✓	Station Name: HOG ✓	PID: GU3516 ✓
4 Character ID: HOGG ^{edit} File Name(s): HOGG 2174 ✓		
File Name Format = aaaaddds.xxx where aaaa = 4 Character ID, ddd = day of year, s = session #, xxx = extension		
Scheduled		
Start Time (Local) 1530 ✓	Start Time (UTC) 2230 ✓	End Time (Local) 1630 ✓ End Time (UTC) 2330 ✓
Actual		
Start Time (Local) 1535 ✓	Start Time (UTC) 2235 ✓	End Time (Local) 1637 ✓ End Time (UTC) 2337 ✓

ANTENNA INFORMATION

Fixed Height Tripod <input checked="" type="checkbox"/>	Collapsible Leg Tripod <input type="checkbox"/>	Other <input type="checkbox"/> Describe _____
Tripod #: 10	Tripod Manufacturer: SECO	Tripod Color: GREEN
Adjustment - Verified <input checked="" type="checkbox"/>	Adjusted <input type="checkbox"/> (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	2.000	6.56	2.000	6.56
B = Additional offset to ARP if any (Quick Release/ HH constant)	0	0	0	0
H = Antenna Height = A+B = Datum Point to Antenna Reference Point (ARP) Note: ARP is Bottom of Antenna Mount	2.000	6.56	2.000	6.56

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

Vehicle is parked 11 meters 5'4" (direction) from antenna and (Above/Below)

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

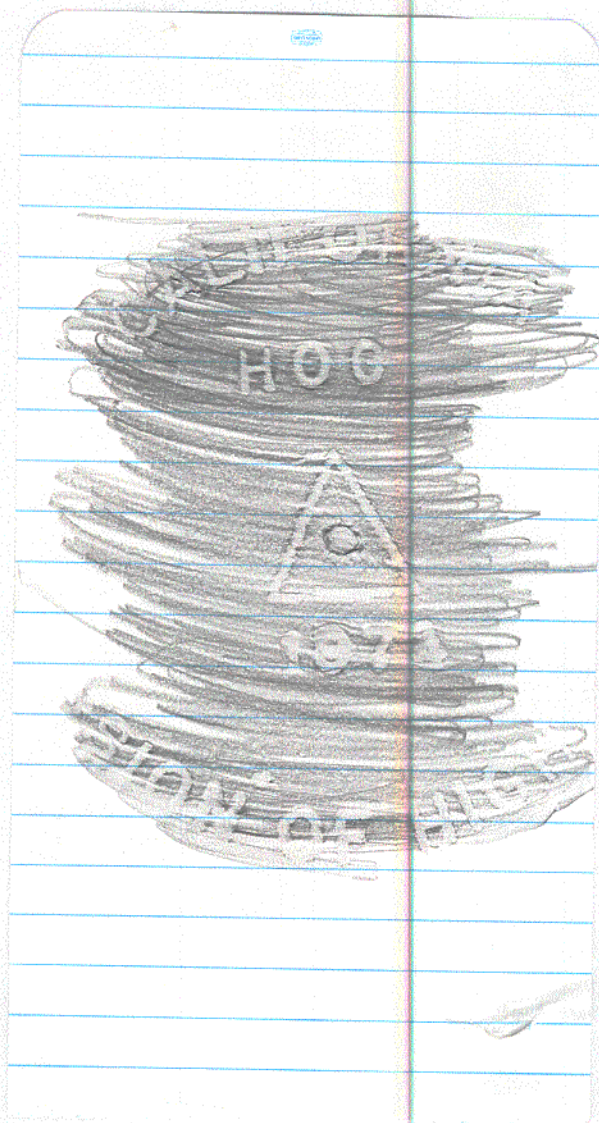
PHOTOGRAPH LOG

Frame # or File name	Description

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

Log Checked By: _____

Date: _____



8-04-2004

HOGG

217 Session 04