



Station Designation: **96 HUM 42.79**

4 Character ID: **1PA1**

UTC Date: **11-9-04**

General Location: **HUM 96 4 miles NE of Orleans, CA**

Station PID:

UTC Julian Day: **314**

Project Name: **Caltrans North Region Height Modernization Survey**

Project No.: **GPS1988**

Station Serial No.:

Session ID: **E**

NAD83 Latitude: **N 41 21 12**

NAD83 Longitude: **W 123 30 11**

NAD83 Ellipsoid Height:

Agency Name: **Caltrans (CA. DOT)**

Session Times: LOCAL (-7hr)

Epoch Interval: **15 Sec.**

NAVD88 Orthometric Height:

Agency Code: **CADT**

Sch. Start Stop

Sch. Start **0900** Stop **1000**

Elevation Mask: **15 Deg.**

GEOID03 Geoid Height:

Operator Name: **J.M. Harcharik**

Receiver Brand and Model: **Trimble 5700**
P/N: **40406-46**
S/N: **0220 247382**
Firmware Version: **2 .1**

Antenna Code, Brand and Model: **Trimble Zephyr Geodetic**
P/N: **41249-00 DC4126**
S/N: **12237024**
Cable Length: 3 m 5 m 10 m Other (specify):

Equipment Package ID: **UKIAH UNIT 3A**
Antenna plumb before session? Y N
Antenna plumb after session? Y N
Antenna oriented to magnetic north? Y N

Tripod or Antenna Mount (check one):
 Fixed Height Tripod Collapsible Tripod
Brand and Model: **SELO 1.8m Fixed Height Tripod UKIAH UNIT 3A**
P/N: **N/A**
S/N: **N/A**

ANTENNA HEIGHT	Begin Session	End Session
A = Datum point to top of tripod	1.800	1.800
B = Additional offset to ARP if any	0.000	0.000
H = Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)	1.800	1.800

Note and/or sketch ANY unusual conditions.
Be VERY EXPLICIT as to where and how measured!

Data File Name(s): **1PA1314E.dat**
(Standard NGS Format = aaaaddds.xxx)
where aaaa = 4 character ID, ddd = UTC Julian Day, s = Session ID, xxx = file dependent extension

Updated station description: Attached Completed earlier
Visibility obstruction diagram: Attached Completed earlier
Photographs of station: Attached Completed earlier
Station rubbing: Attached

5 Digit Weather Code

Start of Session: **01020** Middle of Session: **01020** End of Session: **01021**

Code	PROBLEM	VISIBILITY	TEMPERATURE	CLOUD COVER	WIND
0	No Problems	Good, over 15 miles	Normal, 32° F to 80° F	Clear, below 20%	Calm, under 5 mph
1	Problems	Fair, 7 to 15 miles	Hot, over 80° F	Cloudy, 20% to 70%	Moderate, 5 to 15 mph
2	- Not Used -	Poor, Under 7 miles	Cold, below 32° F	Overcast, over 70%	Strong, over 15 mph

Notes, comments, remarks:

