



Station Designation:  
**96 SIS 52.31**

General Location:

4 Character ID:  
**2UC4**

Station PID:

UTC Date:  
**10/08/2004**

UTC Julian Day:  
**282**

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

Project No.:  
**GPS1988**

Station Serial No.:  
**2096**

Session ID:  
**A**

NAD83 Latitude:  
**N 41-51-41.0**

NAD83 Longitude:  
**W 123-18-34.9**

NAD83 Ellipsoid Height:  
**390.000**

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

UTC Session Times: LOCAL (-7hr)

Epoch Interval 15 Sec.

NAVD88 Orthometric Height:

Agency Code: **CADT**

Sch. Start **0030** Stop **0130**

Sch. Start **1730** Stop **1830**

Elevation Mask 15 Deg.

GEOID03 Geoid Height:

Operator Name:  
**HOWARD BREAZEALE**  
For information contact Don Campbell at  
(707) 445-6343 or Don\_Campbell@dot.ca.gov

Receiver Brand and Model:  
**Trimble 5700**

P/N: **40406-46**

S/N: **0220 308800**

Firmware Version: **2.01**

Antenna Code, Brand and Model:  
**Trimble Zephyr Geodetic**

P/N: **41249-00**

S/N: **12467714**

Cable Length:  
 3 m  5 m  10 m  Other (specify):

Equipment Package ID:  
**D2-01 TRIPOD**  
**D2-12 RECEIVER**

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:  
**SECO 1.8m**

P/N: **5117-00-YEL**

S/N: **D2-01**

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

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

Data File Name(s):  
**2UC4282A.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: **00000** Middle of Session: **00000** End of Session: **00000**

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:

