



Station Designation: **299 SHA 80.60**

General Location: **SHA 299 0.9 MILE EAST OF HWY 89**

4 Character ID: **2LN4**

UTC Date: **09/27/2004**

Station PID:

UTC Julian Day: **271**

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

Project No.: **GPS1988**

Station Serial No.: **2032**

Session ID: **C**

NAD83 Latitude: **N 40-56-37.8**

NAD83 Longitude: **W 121-36-00.3**

NAD83 Ellipsoid Height:

NAVD88 Orthometric Height:

GEOID03 Geoid Height:

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

Agency Code: **CADT**

Operator Name: **HOWARD BREARLE**

For information contact Don Campbell at (707) 445-6343 or Don\_Campbell@dot.ca.gov

UTC Session Times: LOCAL (-7hr)

Sch. Start **2035** Stop **2135** Sch. Start **1335** Stop **1435**

Actual Start **2027** Stop **2137** Actual Start **1327** Stop **1437**

Epoch Interval **15 Sec.**

Elevation Mask **15 Deg.**

Receiver Brand and Model: **Trimble 5700**

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

Equipment Package ID: **D2-01**

P/N: **40406-46**

S/N: **0440100789**

Firmware Version: **2.01**

P/N: **41249-00**

S/N: **11909466**

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

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**

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>

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

S/N: **D2-01**

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

Data File Name(s): **09892712.T01**

**2LN4271C.DAT**

(Standard NGS Format = aaaadddd.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:  Middle of Session:  End of Session:

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: