



Station Designation:  
**1634 101 HUM-53.32**

General Location:  
**RIO DELL 101 HUM 53.32**

4 Character ID: **1634** UTC Date: **02 Nov 2004**

Station PID: Station Serial No.: **301** UTC Julian Day:

Project Name: **Caltrans North Region Height Modernization Survey** Project No.: **GPS1988**

Session ID: **G**

NAD83 Latitude: **40° 30' 20" N** NAD83 Longitude: **124° 06' 39" W**

UTC Session Times: LOCAL (-7hr) Epoch Interval 15 Sec.

Sch. Start **2000** Stop **2100** Sch. Start **1300** Stop **1400** Elevation Mask 15 Deg.

Actual Start **2000** Stop **2101** Actual Start **1300** Stop **1401**

NAD83 Ellipsoid Height: Agency Name: **Caltrans (CA. DOT)**

NAVD88 Orthometric Height: Agency Code: **CADT**

GEOID03 Geoid Height: Operator Name: **THOMAS N. STEPHENS**  
**PLS 6734**  
For information contact Don Campbell at (707) 445-6343 or Don\_Campbell@dot.ca.gov

Receiver Brand and Model: **TRIMBLE 5700** Antenna Code, Brand and Model: **TRIMBLE ZEPHYR GEODETIC**

P/N: **40406-46** P/N: **A1249-00**

S/N: **04401-00455** S/N: **1214400**

Firmware Version: **2.1** Cable Length:  3 m  5 m  10 m  Other (specify):

Equipment Package ID: **UN 101**

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**

P/N: **NA**

S/N: **NA**

ANTENNA HEIGHT	Begin Session	End Session
A = Datum point to top of tripod	2.000	2.000
B = Additional offset to ARP if any	0.000	0.000
H = Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)	2.000	2.000

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

Data File Name(s): **1634301G**

(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: **00020** Middle of Session: **00020** End of Session: **00020**

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:

