



Station Designation: **48.89**
36 TEH 48.86-

General Location: **TEH 36 4.9 MILES NORTH OF HWY 99**

4 Character ID: **2EK4** UTC Date: **09/24/2004**

Station PID: Station Serial No.: **2050** Session ID: **A**

UTC Julian Day: **268**

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

NAD83 Latitude: **N 40-14-55.5** NAD83 Longitude: **W 122-08-58.0** NAD83 Ellipsoid Height:

UTC Session Times: LOCAL (-7hr) Epoch Interval: 15 Sec. NAVD88 Orthometric Height: GEOID03 Geoid Height:

Sch. Start **1410** Stop **1510** Sch. Start **0710** Stop **0810** Elevation Mask: 15 Deg.

Actual Start **1403** Stop **1511** Actual Start **0703** Stop **0811**

Agency Name: **Caltrans (CA. DOT)** Agency Code: **CADT** Operator Name: **JACK HUBBARD**

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** Equipment Package ID: **D2-10**

P/N: **40406-46** P/N: **41249-00** S/N: **0220308755** S/N: **12474900** Cable Length: 3 m 5 m 10 m Other (specify):

Firmware Version: **2.01**

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 | 1.800 | 1.800 |
| B = Additional offset to ARP if any | | |
| 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): **87552680.T01**
2EK42684.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:

