



Station Designation: **44 SHA 41.76**

General Location: **SHA 44 AT VIOLA**

4 Character ID: **2HM2**

Station PID: **2077**

UTC Date: **11/15/2004**

UTC Julian Day: **320**

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

Project No.: **GPS1988**

Station Serial No.: **2077**

Session ID: **A**

NAD83 Latitude: **N 40-31-02.2**

NAD83 Longitude: **W 121-42-09**

NAD83 Ellipsoid Height:

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

Session Times: LOCAL (-8hr)

UTC

Epoch Interval: **15 Sec.**

NAVD88 Orthometric Height:

Agency Code: **CADT**

Sch. Start **1630** Stop **1730**

Sch. Start **0830** Stop **0930**

Elevation Mask: **15 Deg.**

GEOID03 Geoid Height:

Operator Name: **D. Carlson**

Receiver Brand and Model: **Trimble 5700**

P/N: **40406-46**

S/N: **0220308760**

Firmware Version: **2.01**

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

P/N: **41249-00**

S/N: **12606060**

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

Equipment Package ID: **D2-11**

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: **D2-11**

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): **87603200.t01**

(Standard NGS Format = aaaaddds.xxx) **2HM2320A.DAT**
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:

