



Station Designation: **44 SHA 41.76**

General Location: **SHA 44 AT VIOLA**

4 Character ID: **2HM2** UTC Date: **09/24/2004**

Station PID: Station Serial No.: **2077** Session ID: **D**

UTC Julian Day: **268**

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

Project No.: **GPS1988**

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

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

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

UTC Session Times: LOCAL (-7hr)

Sch. Start **2340** Stop **0040** Sch. Start **1640** Stop **1740**

Actual Start **2333** Stop **0041** Actual Start **1633** Stop **1741**

Epoch Interval 15 Sec. Elevation Mask 15 Deg.

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

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: **0440100989**

Firmware Version: **2.01**

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

P/N: **41249-00**

S/N: **11909466**

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

Equipment Package ID: **D2-01**

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**

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

S/N: **D2-01**

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): **09892683.T01**
2HM2268D.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: 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:

