



Station Designation:
44 SHA 41.76

General Location:
SHA 44 AT VIOLA

4 Character ID: **2HM2** UTC Date: **11/17/2004**

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

UTC Julian Day: **322**

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:

UTC Session Times: LOCAL (-8hr) Epoch Interval: 15 Sec. NAVD88 Orthometric Height:

Sch. Start **2130** Stop **2230** Sch. Start **1330** Stop **1430** Elevation Mask: 15 Deg. GEOID03 Geoid Height:

Actual Start **2146** Stop **2246** Actual Start **1346** Stop **1446**

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**

P/N: **40406-46** P/N: **41249-00**

S/N: **0220308755** S/N: **12474900**

Firmware Version: **2.01** Cable Length: 3 m 5 m 10 m Other (specify):

Equipment Package ID: **D2-10**

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: **D2-10**

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): **87553222.T01**

(Standard NGS Format = aaaaddds.xxx) **2HM2322C.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: 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:

