Station Designation:		4 Character ID:	UTC Date:
44 SHA 41.76		**2HM2**	**09/20/2004**

General Location:		Station PID:	UTC Julian Day:
SHA 44 AT VIOLA			**264**

Project Name:	Project No.:	Station Serial No.:	Session ID:
Caltrans North Region Height Modernization Survey	**GPS1988**	**2077**	**A**

NAD83 Latitude:	NAD83 Longitude:	NAD83 Ellipsoid Height:	Agency Name: **Caltrans (CA. DOT)**
N 40-31-02.2	W 121-42-09		Agency Code: **CADT**
		NAVD88 Orthometric Height:	Operator Name: _D. Carlon_
		GEOID03 Geoid Height:	For information contact Don Campbell at (707) 445-6343 or Don_Campbell@dot.ca.gov

Session Times:

UTC	LOCAL (-7hr)	Epoch Interval 15 Sec.
Sch. Start 1430 Stop 1530	Sch. Start 0730 Stop 0830	Elevation Mask 15 Deg.
Actual Start 1348 Stop 1530	Actual Start 0648 Stop 0830	

Receiver Brand and Model:	Antenna Code, Brand and Model:	Equipment Package ID:
Trimble 5700	**Trimble Zephyr Geodetic**	**D2-11**
P/N: **40406-46**	P/N: **41249-00**	
S/N: **0220308760**	S/N: **12606060**	Antenna plumb before session ? (Y)/N
Firmware Version: **2.01**	Cable Length: □ 3 m □ 5 m ☑ 10 m □ Other (specify):	Antenna plumb after session ? (Y)/N
		Antenna oriented to magnetic north ? (Y)/N

Tripod or Antenna Mount (check one): ☑ Fixed Height Tripod □ Collapsible Tripod	ANTENNA HEIGHT	Begin Session	End Session
Brand and Model: **SECO 1.8m**	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
P/N: **5117-00-YEL** S/N: **D2-11**	Note and/or sketch ANY unusual conditions. Be VERY EXPLICIT as to where and how measured!		

Data File Name(s): *87602640.t01* *2HM22264A.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: 0 0 0 1 0   Middle of Session: 0 0 0 1 0   End of Session: 0 0 0 0 0

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: