Station Designation:	4 Character ID:	UTC Date:
44 SHA 41.76	2HM2	09/24/2004

General Location:	Station PID:	UTC Julian Day:
SHA 44 AT VIOLA		268

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

NAD83 Latitude:	NAD83 Longitude:	NAD83 Ellipsoid Height:	
N 40-31-02.2	W 121-42-09		Agency Name: **Caltrans (CA. DOT)**
		NAVD88 Orthometric Height:	Agency Code: **CADT**
			Operator Name: D. Carlon
		GEOID03 Geoid Height:	

Session Times:

	UTC	LOCAL (-7hr)	Epoch Interval 15 Sec.	
Sch. Start 2040 Stop 2140	Sch. Start 1340 Stop 1440		Elevation Mask 15 Deg.	For information contact Don Campbell at (707) 445-6343 or Don_Campbell@dot.ca.gov
Actual Start 2028 Stop 2140	Actual Start 1328 Stop 1440			

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
	Cable Length:	Antenna plumb after session ? (Y)/N
Firmware Version: **2.01**	□ 3 m □ 5 m ✓10 m □ Other (specify):	Antenna oriented to magnetic north ? Y/(N)

Tripod or Antenna Mount (check one):	ANTENNA HEIGHT	Begin Session	End Session
✓ Fixed Height Tripod □ Collapsible Tripod	A = Datum point to top of tripod	1.800	1.800
Brand and Model: **SECO 1.8m**	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): 87602682.t01 2HM2268C.dat	Updated station description: □ Attached ✗ Completed earlier
(Standard NGS Format = aaaaddds.xxx) where aaaa = 4 character ID, ddd = UTC Julian Day, s = Session ID, xxx = file dependent extension	Visibility obstruction diagram: □ Attached ✓ Completed earlier
	Photographs of station: □ Attached ✗ Completed earlier
	Station rubbing: ✓ Attached

5 Digit Weather Code

Start of Session:	0 0 1 0 0	Middle of Session:	0 0 1 0 0	End of Session:	0 0 1 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: