



Station Designation: **44 SHA 15.59**

General Location: **SHA 44 1.14 MILES EAST OF BEAR CREEK BRIDGE**

4 Character ID: **2HK3** UTC Date: **09/20/2004**

Station PID: Station Serial No.: **2075** UTC Julian Day: **264**

Project Name: **Caltrans North Region Height Modernization Survey** Project No.: **GPS1988**

Session ID: **A**

NAD83 Latitude: **N 40-31-00** NAD83 Longitude: **W 122-05-41.2** NAD83 Ellipsoid Height:

UTC Session Times: LOCAL (-7hr) Epoch Interval: **15 Sec.** NAVD88 Orthometric Height:

Sch. Start **1430** Stop **1530** Sch. Start **0730** Stop **0830** Elevation Mask: **15 Deg.** GEOID03 Geoid Height:

Actual Start **1425** Stop **1532** Actual Start **0725** Stop **0832**

Agency Name: **Caltrans (CA. DOT)** Agency Code: **CADT** Operator Name: **Robert Dawson**

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: **0220240563** S/N: **11910056** Cable Length:  3 m  5 m  10 m  Other (specify):

Firmware Version: **2.01**

Equipment Package ID: **D2-03**

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: **D2-03**

ANTENNA HEIGHT	Begin Session	End Session
A = Datum point to top of tripod	<b>1.800</b>	<b>1.800</b>
B = Additional offset to ARP if any		
H = Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)	<b>1.800</b>	<b>1.800</b>

Note and/or sketch ANY unusual conditions. Be VERY EXPLICIT as to where and how measured!

Data File Name(s): **05632640.F01**  
**2HK3264A.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:

