



Station Designation: **3 SIS 16.30**

General Location:

4 Character ID: **2RE2** UTC Date: **10/06/2004**

Station PID: UTC Julian Day: **280**

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

Station Serial No.: **2040** Session ID: **A**

NAD83 Latitude: **N 41-24-21.8** NAD83 Longitude: **W 122-51-03.5** NAD83 Ellipsoid Height: **875.000**

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

Sch. Start **0030** Stop **0130** Sch. Start **1730** Stop **1830** Elevation Mask 15 Deg.

Actual Start **0021** Stop **0131** Actual Start **1721** Stop **1831** GEOID03 Geoid Height:

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): **05632800.T01**  
**2RE2280A.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: **01000** Middle of Session: **01000** End of Session: **01000**

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:

