



Station Designation: **97 SIS 39.87**

General Location: **IN MACDOELL**

4 Character ID: **2UK1** UTC Date: **09/30/2004**

Station PID: Station PID: UTC Julian Day: **274**

Project Name: **Caltrans North Region Height Modernization Survey**

Project No.: **GPS1988** Station Serial No.: **2102** Session ID: **A**

NAD83 Latitude: **N 41-49-45.0** NAD83 Longitude: **W 122-00-21.0**

NAD83 Ellipsoid Height: Agency Name: **Caltrans (CA. DOT)**

Session Times: LOCAL (-7hr) Epoch Interval 15 Sec.

Sch. Start ~~1350~~ Stop ~~1450~~ Sch. Start ~~0650~~ Stop ~~0750~~

Actual Start ~~1450~~ Stop ~~1555~~ Actual Start ~~0745~~ Stop ~~0855~~

Elevation Mask 15 Deg.

NAVD88 Orthometric Height: Agency Code: **CADT**

Operator Name: **TYLER ANDERSEN**

GEOID03 Geoid Height: For information contact Don Campbell at (707) 445-6343 or Don\_Campbell@dot.ca.gov

Receiver Brand and Model: **Trimble 5700**

P/N: **40406-46**

S/N: **0440100458**

Firmware Version: **2.01**

Antenna Code, Brand and Model: **Trimble Zephyr Geodetic**

P/N: **41249-00**

S/N: **12237016**

Cable Length:  3 m  5 m  10 m  Other (specify):

Equipment Package ID: **D2-02**

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:

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): **0458 274D.T01**  
**2UK1 274A.D01**

(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: **00000** Middle of Session: **00000** End of Session: **00000**

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:

