



Station Designation: **101 Hum 132.84**  
 General Location: **@RWD Nat. Park Bypass**  
**Hum-101-132.84 x 20.1m RT**

4 Character ID: **IR23** UTC Date: **11/10/04**  
 Station PID: Station Serial No.: Session ID: **M**  
 UTC Julian Day: **315**

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

NAD83 Latitude: NAD83 Longitude: NAD83 Ellipsoid Height:  
 NAVD88 Orthometric Height:  
 GEOID03 Geoid Height:  
 UTC Session Times: LOCAL (-7hr) Epoch Interval 15 Sec.  
 Sch. Start 800 Stop 1900 Sch. Start 1100 Stop 1200  
 Actual Start 1752 Stop 1901 Actual Start 1052 Stop 1201  
 Elevation Mask 15 Deg

Agency Name: **Caltrans (CA. DOT)**  
 Agency Code: **CADT**  
 Operator Name: **Stephan Brintler**  
 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** CT # **80449**  
 S/N: **0220247417** S/N: **12237011**  
 Firmware Version: **2.1** Cable Length:  3 m  5 m  10 m  Other (specify):

Equipment Package ID: **UNIT-1A**  
 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**  
 P/N: **N/A**  
 S/N: **N/A**

ANTENNA HEIGHT	Begin Session	End Session
A = Datum point to top of tripod	2.000	2.000
B = Additional offset to ARP if any	0.000	0.000
H = Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)	2.000	2.000

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

Data File Name(s): **IR23315M.dat**  
 (Standard NGS Format = aaaadddd.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: **00020** Middle of Session: **00020** End of Session: **00020**

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:

