



Station Designation: **96-Hum-35.73**  
 General Location: **@ 3 miles E of Orleans**  
**Hum-96-35.73 x 20 m RT**

4 Character ID: **IPA3** UTC Date: **11/1/04**  
 Station PID: UTC Julian Day: **314**

Project Name: **Caltrans North Region Height Modernization Survey** Project No.: **GPS1988**  
 Station Serial No.: Station ID: **E**

NAD83 Latitude: NAD83 Longitude: NAD83 Ellipsoid Height: Agency Name: **Caltrans (CA. DOT)**  
 NAVD88 Orthometric Height: Agency Code: **CADT**  
 Operator Name: **Stephen Brinkley**  
 GEOID03 Geoid Height: For information contact Don Campbell at (707) 445-6343 or Don\_Campbell@dot.ca.gov

UTC Session Times: LOCAL (-7hr) Epoch Interval 15 Sec. Elevation Mask 15 Deg.

Sch. Start 1600 Stop 1700 Sch. Start 0900 Stop 1000  
 Actual Start 1552 Stop 1701 Actual Start 0852 Stop 1001

Receiver Brand and Model: **Trimble 5700** Antenna Code, Brand and Model: **Trimble Zephyr Geodetic** Equipment Package ID: **UN15-1A**  
 P/N: **40406-46** P/N: **41249-00** Antenna plumb before session?  Y  N  
 S/N: **0220247417** S/N: **12237011** Antenna plumb after session?  Y  N  
 Firmware Version: **2.1** Cable Length:  3 m  5 m  10 m  Other (specify): **CT# 80449** Antenna oriented to magnetic north?  Y  N

Tripod or Antenna Mount (check one): <input checked="" type="checkbox"/> Fixed Height Tripod <input type="checkbox"/> Collapsible Tripod Brand and Model: <b>Seco</b>	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): **IPA3314E.dat** Updated station description:  Attached  Completed earlier  
 Visibility obstruction diagram:  Attached  Completed earlier  
 Photographs of station:  Attached  Completed earlier  
 Station rubbing:  Attached

(Standard NGS Format = aaaaaddds.xxx)  
 where aaaa = 4 character ID, ddd = UTC Julian Day, s = Session ID, xxx = file dependent extension

5 Digit Weather Code

Start of Session: **01020** Middle of Session: **01020** End of Session: **01020**

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: