Station Designation: 89 PLU 37.49		4 Character ID: 2ER1	UTC Date: 11/16/2004
General Location: HWY 89 WEST SIDE LAKE ALMANOR		Station PID:	UTC Julian Day: 321
Project Name: Caltrans North Region Height Modernization Survey	Project No.: GPS1988	Station Serial No.: 2089	Session ID: B

NAD83 Latitude: N 40-13-26.6	NAD83 Longitude: W 121-12-06.0	NAD83 Ellipsoid Height:	Agency Name: Caltrans (CA. DOT)
Session Times: UTC: Sch. Start 2000 Stop 2100; Actual Start 1938 Stop	LOCAL (-8hr): Sch. Start 1200 Stop 1300; Actual Start 1138 Stop	NAVD88 Orthometric Height:	Agency Code: CADT
Epoch Interval 15 Sec.	Elevation Mask 15 Deg.	GEOID03 Geoid Height:	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 P/N: 40406-46 S/N: ~~0220308755~~ 0220240563 Firmware Version: 2.01	Antenna Code, Brand and Model: Trimble Zephyr Geodetic P/N: 41249-00 S/N: ~~12474900~~ 11910056 Cable Length: □ 3 m □ 5 m X 10 m □ Other (specify):	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):
X 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	1.800	1.800
B = Additional offset to ARP if any		
H = Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)	1.800	1.800

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

Data File Name(s): 05633211.T01
2ER1321B.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:	X Attached	

5 Digit Weather Code

Start of Session: 01020 Middle of Session: 01020 End of Session: 01021

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: