Office of Surveyors — North Region — Redding, Eureka, Marysville — CalTrans

Station Designation:	4 Character ID:	UTC Date:
~~395 LAS 82.88~~ 7-395-83A	2GX4	10/22/2004
General Location: LAS 395 PM 82.88 RT	Station PID: DF5216	UTC Julian Day: 296
Project Name: Caltrans North Region Height Modernization Survey — Project No.: GPS1988	Station Serial No.: 2066	Session ID: C

NAD83 Latitude:	NAD83 Longitude:	NAD83 Ellipsoid Height:	Agency Name: Caltrans (CA. DOT)
N 40-27-17.2	W 120-16-44.7	NAVD88 Orthometric Height:	Agency Code: CADT
		GEOID03 Geoid Height:	Operator Name: KIP ROBARDS

Session Times:

UTC	LOCAL (-7hr)	Epoch Interval 15 Sec.
Sch. Start 1900 Stop 2000	Sch. Start 1200 Stop 1300	
Actual Start 1849 Stop 2002	Actual Start 1149 Stop 1302	Elevation Mask 15 Deg.

For information contact Don Campbell at (707) 445-6343 or Don_Campbell@dot.ca.gov

Receiver Brand and Model:	Antenna Code, Brand and Model:	Equipment Package ID:
Trimble 5700	Trimble Zephyr Geodetic	D2-09
P/N: 40406-46	P/N: 41249-00	
S/N: 0220308797	S/N: 12379338	
Firmware Version: 2.01	Cable Length: ☐ 3 m ☐ 5 m ☒ 10 m ☐ Other (specify):	

Antenna plumb before session ? ☒ N
Antenna plumb after session ? ☒ N
Antenna oriented to magnetic north ? ☒ 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: D2-09

ANTENNA HEIGHT	Begin Session	End Session
A = Datum point to top of tripod	1.800	1.800
B = Additional offset to ARP if any	0.000	0.000
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): 8797 296(2X).T01
2GX4 296 C. 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: 0 0 0 2 1 — Middle of Session: 0 0 0 2 1 — End of Session: 0 0 0 2 1

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:
BRASS ~~CAP~~ DISK IN CONCRETE READS:
7-395-83A