

**GEOGRAPHIC DATA BC**

**BRITISH COLUMBIA ACTIVE CONTROL SYSTEM**

GPS ACTIVE CONTROL POINT as of 2013/05/03

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STATION: BCSM  
GEODETIC MARK: 502674  
FULL NAME: BCACS - Survey Mountain ACP  
CLASS: BCACS Primary  
LOCATION: Sooke, B.C., Canada  
Mounted on a 3m SS pier at the top of Survey Mountain,  
Approx 20km N of Sooke BC

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- Final  
MARKER COORDINATES Latitude n48 33 34.13648  
Longitude w123 47 58.24771  
Ellipsoid Height 933.049m  
Orthometric Height 949.709m

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- Preliminary  
MARKER COORDINATES: Latitude n48 33 34.13641  
Longitude w123 47 58.24772  
Ellipsoid Height 932.985m  
Orthometric Height 949.685m

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GEODETIC ATTRIBUTES: Datum/Ellipsoid = NAD83(CSRS) 3.0.0.BC.1.CRD  
Geoid Model = HTV2.0  
N = -16.66m  
xi = "xxxx"  
eta = "xxxxx"

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REFERENCE NETWORKS:  
Inner: nil

Outer:

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COLLOCATION TIES:  
- nil

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ANTENNA HEIGHT: > vertical distance measured to antenna reference point  
(antenna on Stainless Steel Pillar)

- 2010/12/03 0:00UT 0.000m

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GPS RECEIVER:

- 2010/12/03 0:00UT Trimble NetR8 s/n# 4852K33863

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FIRMWARE:

- 2013/05/04 00:15UT Firmware 4.80  
- 2013/03/08 19:15UT Firmware 4.70  
- 2010/12/17 17:00UT Firmware 4.19  
- 2010/12/03 0:00UT Firmware 4.17

ANTENNA (diagram below):

- 2012/08/13 21:00UT Trimble GNSS Choke Ring with Scign Dome  
(TRM NGS59800.00 SCIS) sn - 5225354523  
- 2010/12/03 0:00UT Trimble Zephyr Geod 2 with dome  
(TRM55971.00 TZGD) sn 31182757

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ANTENNA CABLE:

- 2010/12/03 00:00UT LMR 400 - 23m

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CLOCK:

- 2010/12/03 00:00UT GPS Receiver Internal Clock

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COMPUTER HARDWARE:

- 2010/12/03 21:00UT N/A

COMPUTER SOFTWARE:

- 2011/xx/xx 21:00UT Windows  
- 2011/xx/xx 21:00UT Trimble VRSNet ver.

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MODEMS:

- Internal faxmodem s/n# N/A

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UNINTERRUPTABLE POWER SUPPLY:

- 2010/12/03 00:00UT

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STATUS:

- 2010/12/03 00:00UT Testing

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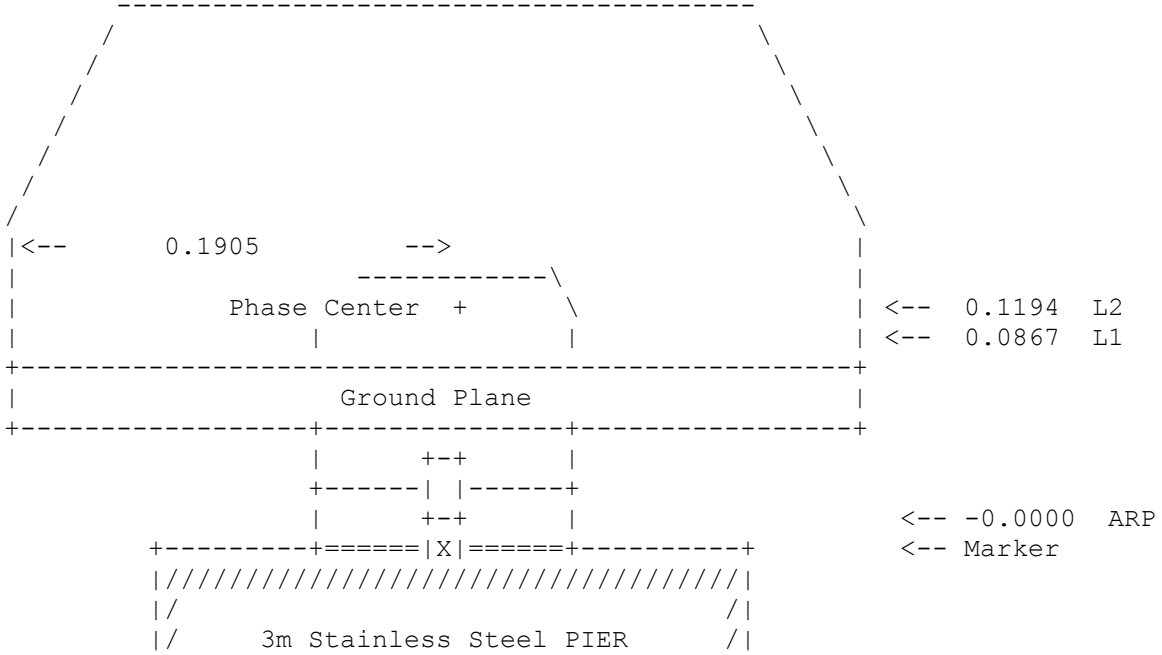
AGENCY: Base Mapping & Cadastre Branch  
GeoBC

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ANTENNA DIAGRAM:

2012/08/xx Trimble Dorne Margolin with choke ring & SCIGN dome  
 (NGS TRM59800.00 SCIS)



2010/12/03 Trimble Zephyr Geodetic Model 2 with Dome (NGS TRM55971.00 TZGD)

