

**GEOGRAPHIC DATA BC  
BRITISH COLUMBIA ACTIVE CONTROL SYSTEM**

GPS ACTIVE CONTROL POINT as of 2013/03/08

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STATION: BCTE  
GEODETIC MARK: 722959  
FULL NAME: BCACS - Terrace ACP  
CLASS: BCACS Primary  
LOCATION: 5220 Keith Ave., Terrace, B.C., Canada

Terrace ACP is installed on an antenna mast attached to the South wall of the  
Kalum Forest District office.

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- 2006/04/11

MARKER COORDINATES: Latitude N 54°30'53.37345"  
Longitude W 128°37'35.67397"  
Ellipsoid Height 61.411m  
Orthometric Height 70.031m

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GEODETIC ATTRIBUTES: Datum/Ellipsoid = NAD83(CSRS) 4.0.0.BC.1  
Geoid Model = HTV2.0  
N = -8.62  
xi = -6.13  
eta = 3.80

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- 1998/05/07

MARKER COORDINATES: Latitude N 54°30'53.37449"  
Longitude W 128°37'35.67514"  
Ellipsoid Height 61.451m  
Orthometric Height 70.031m

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GEODETIC ATTRIBUTES: Datum/Ellipsoid = NAD83(CSRS)  
Geoid Model = HT97  
N = -8.58  
xi =  
eta =

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REFERENCE NETWORKS:

Inner:

Outer: GCM's 735399 435412 719716 607853

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COLLOCATION TIES:

- nil

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ANTENNA HEIGHT: > vertical distance measured to antenna reference point  
- 2012/09/12 00:00UT 0.000m

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GPS RECEIVER:

- 2012/09/12 22:00UT Trimble NetR5 s/n# 4848K59465  
- 2006/04/03 00:00UT Trimble 4000SSi (L1/2 P1/2) s/n# 3508A09834

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FIRMWARE:

- 2013/03/09 19:20UT Firmware 4.70  
- 2012/05/03 22:00UT Firmware 4.48  
- 2006/04/03 00:00UT Firmware Nav7.32/Sig3.07/Boot3.34

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ANTENNA (diagram below):

- 2009/12/09 22:00UT Trimble GNSS Choke Ring with Scign Dome sn  
4838A58397  
- 1996/06/22 00:00UT Trimble Compact L1/L2 w G/P sn # 80072896

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ANTENNA CABLE:

- 2012/09/12 22:00UT 30m LMR400  
- 2005/02/21 00:00UT 30m LG214

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CLOCK:

- 1996/06/22 00:00UT GPS Receiver Internal Clock

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COMPUTER HARDWARE:

- 1996/06/22 00:00UT N/A

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MODEMS:

- 1996/06/22

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UNINTERRUPTABLE POWER SUPPLY:

- 2006/06/01 00:00UT Best Powerware 1500VA  
- 1996/06/22 00:00UT

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STATUS:

- 1996/06/22 00:00UT Operational

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AGENCY: GeoBC  
Base Mapping & Cadastral Branch

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