

**Crown Registry & Geographic Base
BRITISH COLUMBIA ACTIVE CONTROL SYSTEM**

GPS ACTIVE CONTROL POINT as of 2013/11/06

STATION: BCWA
GEODETIC MARK: 700484
FULL NAME: BCACS - Williams Lake Airport ACP
CLASS: BCACS Primary
LOCATION: Williams Lake, B.C., Canada

A BCACS GPS base station has been established at the Williams Lake airport. The antenna is mounted on a pillar approximately 190m NE of the terminal building.

This site is operational as of 2008/04/23

- 2007/06/11

MARKER COORDINATES: Latitude N 52 11 14.71005
Longitude W 122 03 51.84322
Ellipsoid Height 927.352
Orthometric Height 941.452

GEODETIC ATTRIBUTES: Datum/Ellipsoid = NAD83(CSRS) 4.0.0.BC.1
Geoid Model = HTV2.0
N = -14.10
xi = -1.36s
eta = -1.67s

REFERENCE NETWORKS:

Inner: 430959, 327536, 70870, 778241

Outer: COLLOCATION TIES:

- nil

ANTENNA HEIGHT: > vertical distance measured to antenna reference point

- 2008/04/23 00:00UT 0.100m

GPS RECEIVER:

- 2010/02/18 00:00UT Leica GRX1200 +GNSS sn 495163
- 2008/04/23 00:00UT Leica GRX1200 PRO GG sn 351081

FIRMWARE:

- 2015/06/18 13:06UT Firmware 9.20 / ME 6.404
- 2013/11/06 15:37UT Firmware 8.71 / ME 6.112
- 2012/05/02 17:50UT Firmware 8.51 / ME 4.007
- 2011/08/31 16:50UT Firmware 8.20 / ME 4.007
- 2011/02/21 17:50UT Firmware 8.10 / ME 4.007
- 2011/01/01 20:30UT Firmware 8.01
- 2010/09/01 20:30UT Firmware 8.0

- 2010/07/12 20:00UT Firmware 7.80
- 2010/02/18 00:00UT Firmware 7.53
- 2009/04/28 17:00UT Firmware 7.50
- 2008/10/31 15:00UT Firmware 6.00
- 2008/04/23 00:00UT Firmware 5.60

ANTENNA (diagram below):

- 2013/10/22 17:00UT Leica AR25 w/ Leica Dome sn9040019
- 2008/04/23 00:00UT Leica Choke Ring - GLONASS with LEIS Dome sn 200009

ANTENNA CABLE:

- 2013/11/06 00:16UT 200m LMR600-DB
- 2008/04/23 00:00UT 190m FSJ4-50B Superflex

CLOCK:

- 2008/04/23 00:00UT GPS Receiver Internal Clock

COMPUTER HARDWARE:

- N/A

MODEMS:

- 2008/04/23 00:00UT N/A

UNINTERRUPTABLE POWER SUPPLY:

- 2008/04/23 00:00UT APC

STATUS:

- 2008/04/23 00:00UT Operational

AGENCY: GeoBC
Prince of British Columbia

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