

**GeoBC**  
**BRITISH COLUMBIA ACTIVE CONTROL SYSTEM**

GPS ACTIVE CONTROL POINT as of 2012/01/27

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STATION: BCVC  
GEODETIC MARK: 875864  
FULL NAME: BCACS - Vancouver City Firehall #1 ACP  
CLASS: BCACS Primary  
LOCATION: Vancouver, B.C., Canada

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- 2005/06/17

MARKER COORDINATES: Latitude n 49 16 32.73535  
Longitude w123 5 21.58021  
Ellipsoid Height 11.439  
Orthometric Height 30.229

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GEODETIC ATTRIBUTES: Datum/Ellipsoid = NAD83(CSRS) 4.0.0.BC.1.GVRD  
Geoid Model = GVRD00  
N = -18.79  
xi = -12.76s  
eta = -0.58s

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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

- 2004/09/28 00:00UT 0.000m

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GPS RECEIVER:

- 2011/09/28 15:00UT Leica GR10 s/n 1700619  
(used for RINEX as of 2012/01/27)  
- 2004/09/28 11:00UT Trimble NetRS s/n#4432236954

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FIRMWARE:

- 2011/09/28 15:00UT Firmware ver. 1.1  
- 2011/01/21 01:00UT Firmware ver. 1.3.0  
- 2005/04/28 00:00UT Firmware ver. 1.13  
- 2004/09/28 11:00UT Firmware ver. 1.03

ANTENNA (diagram below):

- 2011/09/28 15:00UT LEIAR25 LEIT s/n 10231039  
- 2004/09/28 11:00UT Trimble Choke Ring w/Radome (TRM29659.00)  
sn#0220335632

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ANTENNA CABLE:

- 2004/09/28 00:00UT

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CLOCK:

- 2004/09/28 00:00UT GPS Receiver Internal Clock

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MODEMS:

- N/A

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UNINTERRUPTABLE POWER SUPPLY:

- 2004/09/28

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STATUS:

- 2004/09/28 00:00UT Operational

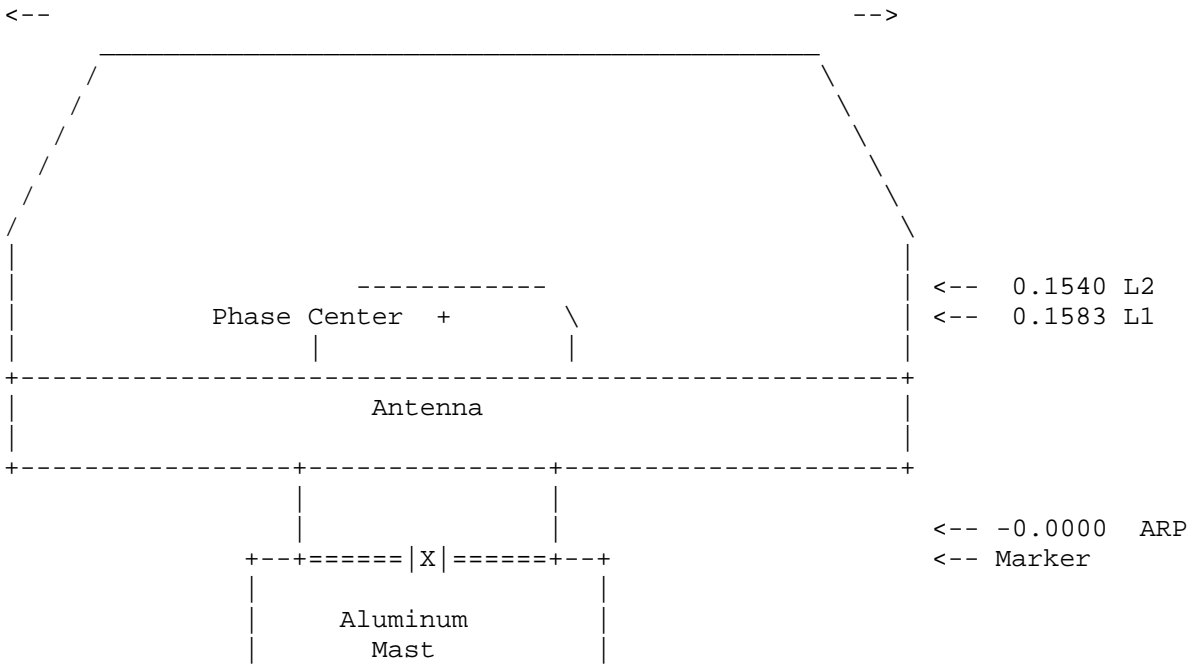
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AGENCY: GeoBC  
Prince of British Columbia

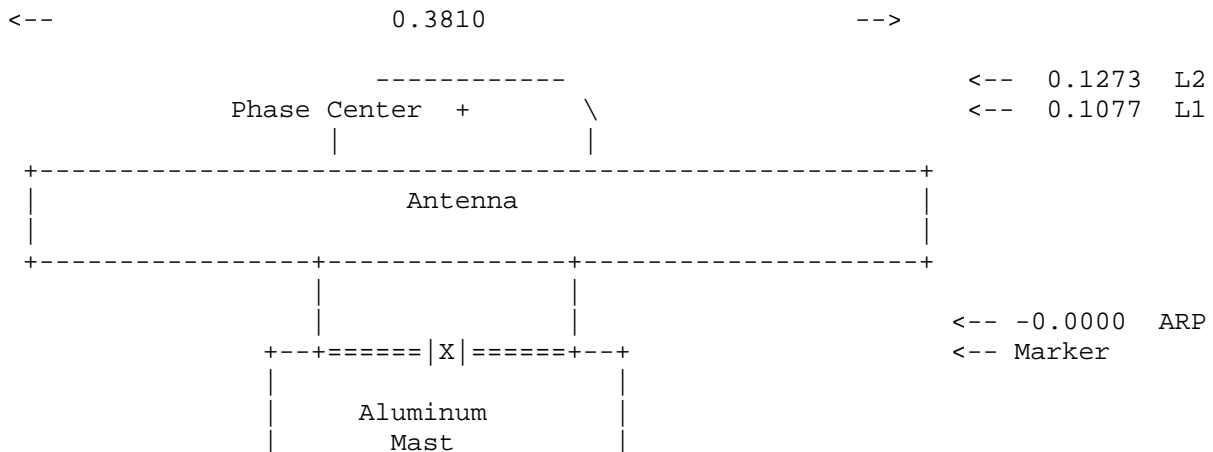
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ANTENNA DIAGRAM:

2011/09/28 Leica AR25 w/ Leica dome (LEIAR25 LEIT)



- 2004/09/28 Dorne Margolin Trimble Choke Ring w/radome (NGS  
TRM29659.00 UNAV)



Marker - X

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ACRONYMS:

ARP ... Antenna Reference Point  
BCACS ... British Columbia Active Control System  
NAD83 ... North American Datum 1983  
WGS84 ... World Geodetic System 1984