

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

GPS ACTIVE CONTROL POINT as of 2015/06/18

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STATION: BCPR  
GEODETTIC MARK: 637272  
FULL NAME: BCACS - Prince Rupert ACP  
CLASS: BCACS Primary  
LOCATION: Prince Rupert, B.C., Canada

Installed on stainless steel pillar at Prince Rupert airport

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- 2006/08/03

MARKER COORDINATES: Latitude N 54 16 36.61684  
Longitude W 130 26 4.47809  
Ellipsoid Height 28.965m  
Orthometric Height 36.945m

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GEODETTIC ATTRIBUTES: Datum/Ellipsoid = NAD83(CSRS) 4.0.0.BC.1  
Geoid Model = HTV2.0  
N = -7.98 m  
xi = -4.97 s  
eta = -1.64 s

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- 2004/06/16

MARKER COORDINATES: Latitude N 54 16 36.61714  
Preliminary Longitude W 130 26 4.47806  
Ellipsoid Height 29.097m  
Orthometric Height 37.004m

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GEODETTIC ATTRIBUTES: Datum/Ellipsoid = NAD83  
Geoid Model = HT97  
N = -7.907  
xi = -4.05"  
eta = -0.75"

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- 2004/11/04

MARKER COORDINATES: Latitude N 54 16 36.61552  
Preliminary Longitude W 130 26 4.47971  
Ellipsoid Height 29.026m  
Orthometric Height 36.933m

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GEODETTIC ATTRIBUTES: Datum/Ellipsoid = NAD83  
Geoid Model = HT97  
N = -7.907  
xi =  
eta =

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REFERENCE NETWORKS:  
Inner: nil

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Outer:

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COLLOCATION TIES:

- nil

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ANTENNA HEIGHT: >

- 2004/11/04 00:00UT 0.000m

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GPS RECEIVER:

- 2006/02/13 18:00UT Leica GRX1200 Pro s/n 462144  
- 2004/11/04 00:00UT Leica RS500 s/n# 82195

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FIRMWARE:

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- 2015/06/18 14:17UT Firmware 9.20 / ME 2.127  
- 2013/11/06 18:33UT Firmware 8.71 / ME 2.127  
- 2011/09/12 16:10UT Firmware 8.20 / ME 2.125  
- 2011/02/22 17:00UT Firmware 8.10 / ME 2.125  
- 2010/09/09 14:24UT Firmware 8.0  
- 2010/05/05 18:30UT Firmware 7.80  
- 2009/05/05 15:00UT Firmware 7.50  
- 2008/10/31 15:00UT Firmware 6.00  
- 2008/02/26 16:10UT Firmware 5.62  
- 2007/11/01 22:25UT Firmware 5.60  
- 2007/03/07 15:52UT Firmware 5.10  
- 2006/10/30 18:28UT Firmware 4.10  
- 2006/02/13 18:00UT Firmware 3.00  
- 2004/11/04 00:00UT Firmware 5.00

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ANTENNA (diagram below):

- 2004/11/04 00:00UT Leica Choke Ring with LEIS Dome sn #905

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ANTENNA CABLE:

- 2004/11/04 00:00UT

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CLOCK:

- 2004/11/04 00:00UT GPS Receiver Internal Clock

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COMPUTER HARDWARE:

- 2004/11/04            00:00UT            N/A

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MODEMS:

- 2006/02/13            18:00UT            N/A  
- 2004/11/04            00:00UT            Sixnet VModem 5

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UNINTERRUPTABLE POWER SUPPLY:

- 2004/11/04            00:00UT            APC

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STATUS:

- 2004/11/04            00:00UT            Operational

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AGENCY:            GeoBC  
                    Prince of British Columbia

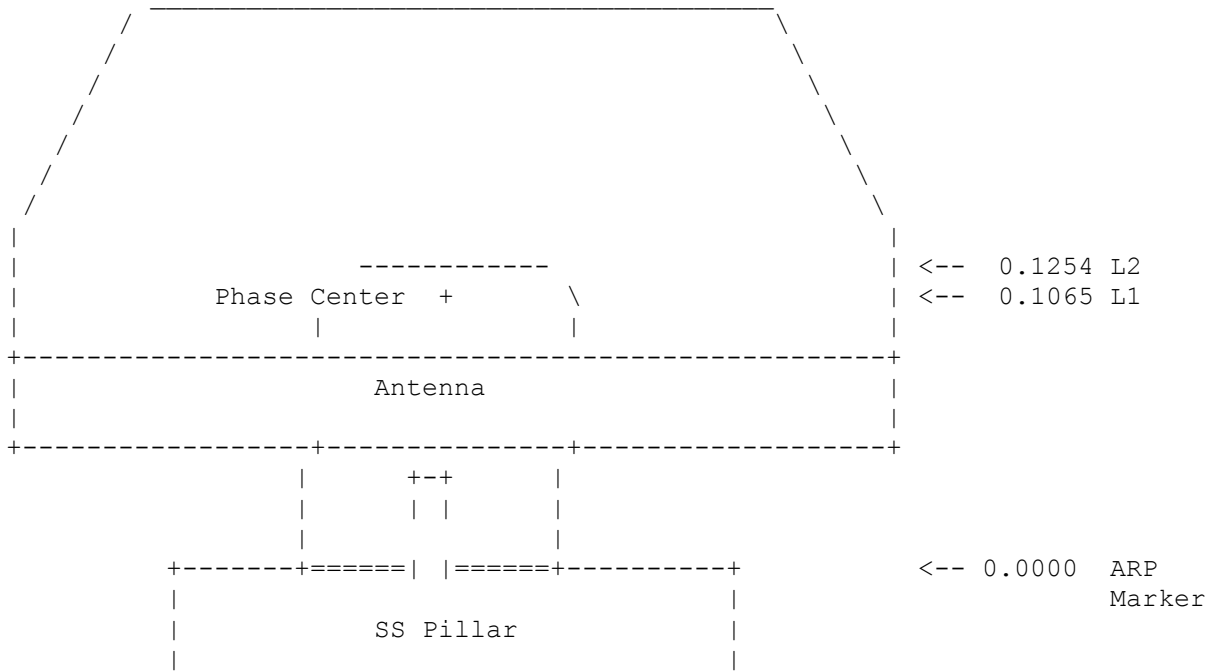
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ANTENNA DIAGRAM:

2004/11/04  
LEIS)

Dorne Margolin Leica Choke Ring with Leica dome (AT504



ACRONYMS:

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