

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

**GPS ACTIVE CONTROL POINT as of 2011/07/07**

---

STATION: BCDL  
GEODETTIC MARK: 594705  
FULL NAME: BCACS - Dease Lake ACP  
CLASS: BCACS Primary  
LOCATION: Dease Lake, B.C., Canada

Installed on stainless steel pillar at Dease Lake airport

---

- 2006/07/17

MARKER COORDINATES: Latitude n58 25 32.30392  
Longitude w130 01 32.44885  
Ellipsoid Height 802.096m  
Orthometric Height 801.906m

---

GEODETTIC ATTRIBUTES: Datum/Ellipsoid = NAD83(CSRS) 4.0.0.BC.1  
Geoid Model = HTV2.0  
N = 0.19  
xi = 3.99"  
eta = 1.28"

---

- 2005/06/16

MARKER COORDINATES: Latitude n58 25 32.30369  
Longitude w130 01 32.44954  
Ellipsoid Height 802.141  
Orthometric Height 801.906m

---

GEODETTIC ATTRIBUTES: Datum/Ellipsoid = NAD83/WGS 84  
Geoid Model = HTV2.0  
N = 0.235  
xi = 4.86"  
eta = 1.6"

---

- 2004/11/04

MARKER COORDINATES: Latitude n58 25 32.30369  
Preliminary Longitude w130 01 32.44954  
Ellipsoid Height  
Orthometric Height 802.090m

---

GEODETTIC ATTRIBUTES: Datum/Ellipsoid = NAD83/WGS 84  
Geoid Model = HT97  
N = 0.235  
xi = 4.86"  
eta = 1.6 "

---

REFERENCE NETWORKS:

Inner: nil

Outer:

---

COLLOCATION TIES:

- nil

---

ANTENNA HEIGHT: > vertical distance measured to antenna reference point

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

---

GPS RECEIVER:

- 2011/07/07 17:00UT Leica GRX1200Pro s/n# 460414  
- 2004/11/04 00:00UT Leica RS500 s/n# 80266

---

FIRMWARE:

- 2011/07/07 17:00UT Firmware 8.1  
- 2004/11/04 00:00UT Firmware 5.00

---

ANTENNA (diagram below):

- 2004/11/04 00:00UT Leica Choke Ring with LEIS Dome sn # 844

---

ANTENNA CABLE:

- 2004/11/04 00:00UT FSJ4-50B 44m long

---

CLOCK:

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

---

COMPUTER HARDWARE:

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

---

MODEMS:

- 2011/07/07 17:00UT USR Courier V.92 Business Modem  
- 2004/11/04 Sixnet VT-Modem-5

---

UNINTERRUPTABLE POWER SUPPLY:

- 2004/11/04 00:00UT APC

---

STATUS:  
- 2004/11/04            00:00UT            Operational

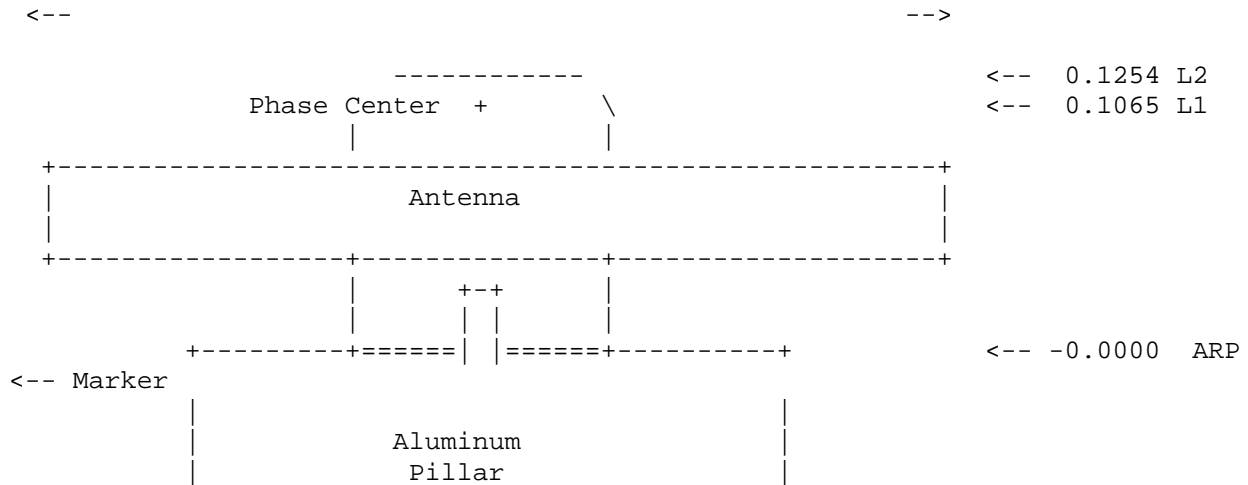
AGENCY:                 Base Mapping & Cadastre  
                         GeoBC

CONTACT:    **Vern Vogt P. Eng.**  
             Province of British Columbia  
             Base Mapping & Cadastre  
             GeoBC  
             3400 Davidson Ave.  
             Victoria, BC, Canada V8Z 3P8  
             Tel: (250) 952-6571  
             Fax: (250) 952-4188  
             email: [vern.vogt@gov.bc.ca](mailto:vern.vogt@gov.bc.ca)

---

ANTENNA DIAGRAM:

2004/11/04                            Dorne Margolin Leica Choke Ring with Leica dome(AT504  
LEIS)



---

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

---