

GeoBC
BRITISH COLUMBIA ACTIVE CONTROL SYSTEM

GPS ACTIVE CONTROL POINT as of 2015/06/16

STATION: BCCG
GEODETIC MARK: 382358
FULL NAME: BCACS - Castlegar ACP
CLASS: BCACS Primary
LOCATION: Castlegar, B.C., Canada

Installed on mast on building at Selkirk College

- 2007/06/11
MARKER COORDINATES: Latitude N 49° 18' 42.795076"
Longitude W 117° 39' 10.901013"
Ellipsoid Height 444.137m
Orthometric Height 459.287

GEODETIC ATTRIBUTES: Datum/Ellipsoid = NAD83(CSRs) 4.0.0.BC.1
Geoid Model = HTV2.0
N = -15.146
xi =
eta =

REFERENCE NETWORKS:
Inner: 918243, 288977, 638130, 388421
Outer:

COLLOCATION TIES:
- nil

ANTENNA HEIGHT: > vertical distance measured to antenna reference point
- 2006/03/27 00:00UT 0.018m

GPS RECEIVER:
- 2009/12/08 18:05UT Leica GRX1200GG Pro s/n# 355263
- 2008/05/02 18:05UT Leica RS500 s/n# 80255
- 2007/06/06 00:00UT Leica RS500 s/n# 82195

FIRMWARE:
- 2015/06/16 15:00UT Firmware 9.20 / ME 3.823
- 2013/11/06 16:55UT Firmware 8.71 / ME 3.822
- 2012/05/02 15:15UT Firmware 8.51 / ME 3.019
- 2011/09/08 16:00UT Firmware 8.20 / ME 3.019
- 2011/02/22 16:00UT Firmware 8.10 / ME 3.019
- 2010/09/09 14:50UT Firmware ver. 8.0

- 2010/05/05 18:30UT Firmware ver. 7.80
- 2009/12/08 18:05UT Firmware ver. 7.53
- 2007/06/06 00:00UT Firmware VER. 5.00

ANTENNA (diagram below):

- 2009/12/08 18:05UT Leica AT504GG w/ LEIS Dome sn #200316
- 2007/06/06 00:00UT Leica AT504 w/ LEIS Dome sn #103106

ANTENNA CABLE:

- 2007/06/06 00:00UT ??

CLOCK:

- 2007/06/06 00:00UT GPS Receiver Internal Clock

COMPUTER HARDWARE:

- N/A

MODEMS:

- 2009/12/08 18:05UT n/a
- 2007/06/06 00:00UT Lantronix MSS100 sn10231901

UNINTERRUPTABLE POWER SUPPLY:

- 2007/06/06 00:00UT ??

STATUS:

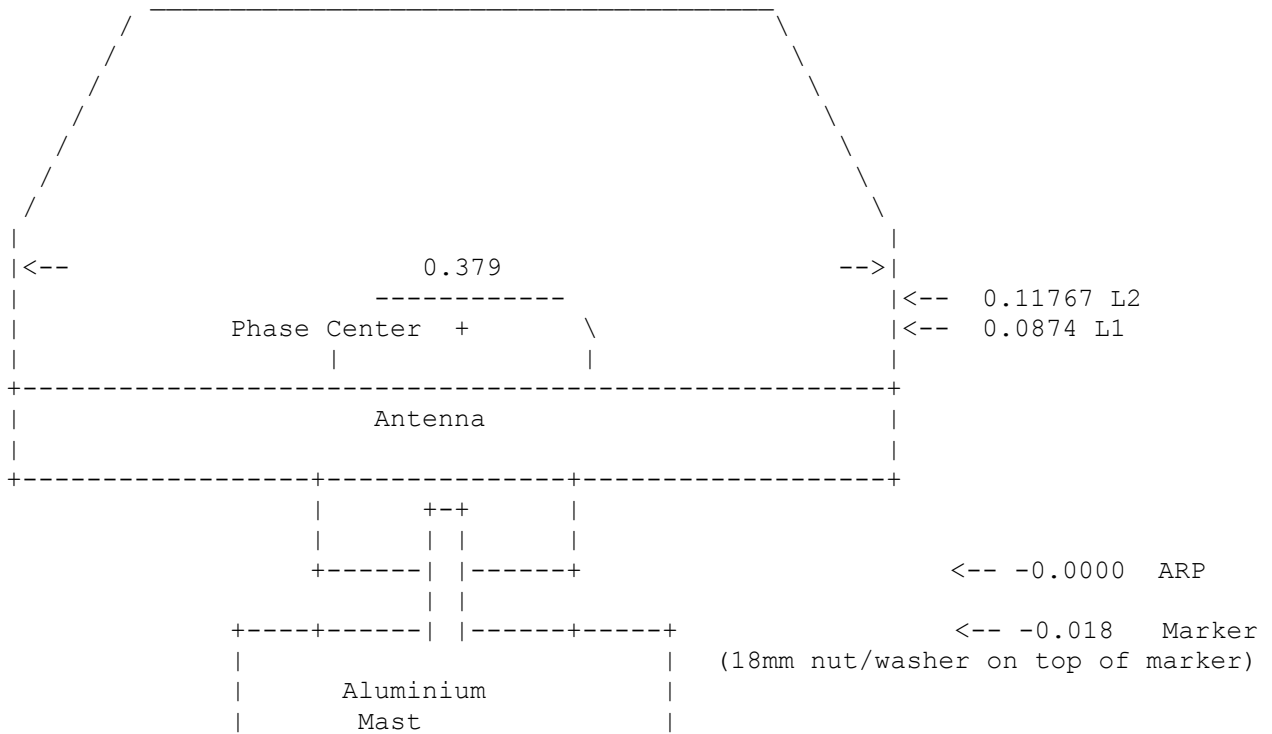
- 2007/06/06 00:00UT Operational

AGENCY: GeoBC
Prince of British Columbia

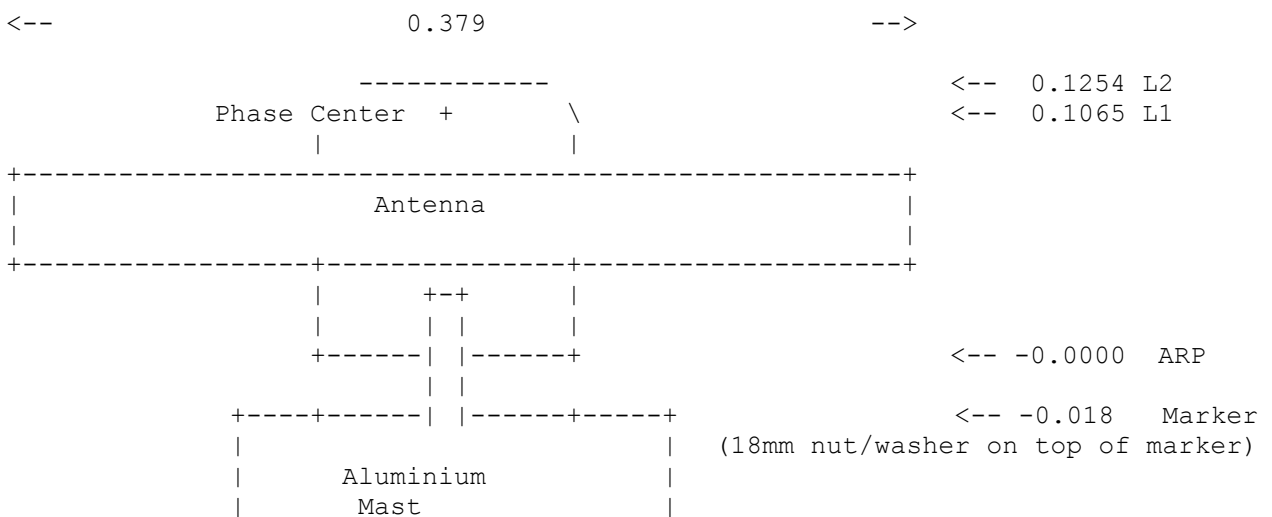
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ANTENNA DIAGRAM:

2009/12/08 Leica AT504GG w/ Leica dome (AT504GG LEIS)



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