

GeoBC
BRITISH COLUMBIA ACTIVE CONTROL SYSTEM

GPS ACTIVE CONTROL POINT as of 2012/01/27

STATION: BCLC
GEODETIC MARK: 904904
FULL NAME: BCACS - City of Langley ACP
CLASS: BCACS Primary
LOCATION: Langley, B.C., Canada

- 2005/04/05

MARKER COORDINATES: Latitude n 49 6 13.73189
NAD83 (CSRS) Longitude w122 39 26.48399
Ellipsoid Height 3.914
Orthometric Height 23.124

GEODETIC ATTRIBUTES: Datum/Ellipsoid = NAD83(CSRS) 4.0.0.BC.1.GVRD
Geoid Model = GVRD00
N = -19.21m
xi = -7.85s
eta = -4.93s

REFERENCE NETWORKS:
Inner: nil

Outer:

COLLOCATION TIES:
- nil

ANTENNA HEIGHT: > vertical distance measured to antenna reference point

- 2004/10/04 00:00UT 0.000m

GPS RECEIVER:
- 2011/09/29 19:00UT Leica GR10 s/n 1700649
(used for RINEX as of 2011/09/30)
- 2004/10/04 14:00UT Trimble NetRS s/n#45905-00

FIRMWARE:
- 2011/09/29 19:00UT Firmware ver. 1.1

- 2011/01/21 01:00UT Firmware ver. 1.3.0
- 2006/01/13 00:00UT Firmware ver. 1.15
- 2004/10/04 14:00UT Firmware ver. 1.03

ANTENNA (diagram below):

- 2011/09/29 19:00UT LEIAR25 W/LEIT s/n 10401008
- 2004/10/04 14:00UT Trimble Choke Ring w/Radome (TRM29659.00)
sn#0220335590

ANTENNA CABLE:

- 2004/10/04 00:00UT

CLOCK:

- 2004/10/04 00:00UT GPS Receiver Internal Clock

MODEMS: N/A

UNINTERRUPTABLE POWER SUPPLY:

- 2004/10/04

STATUS:

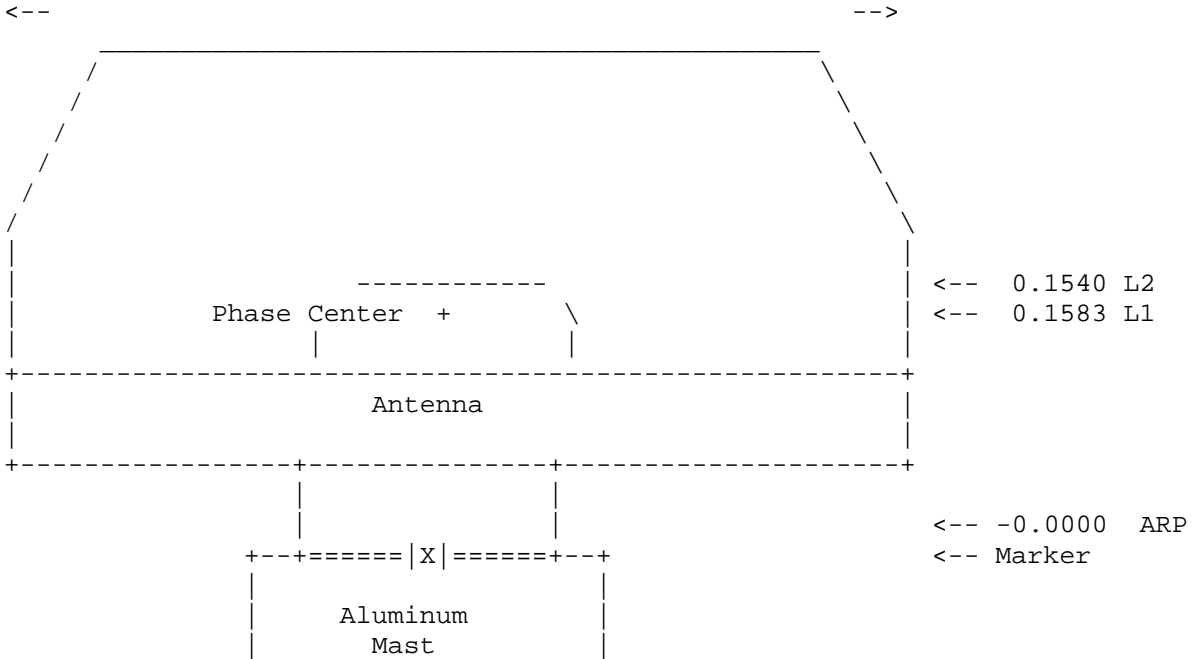
- 2004/10/04 14:00UT Operational

AGENCY: GeoBC
Prince of British Columbia

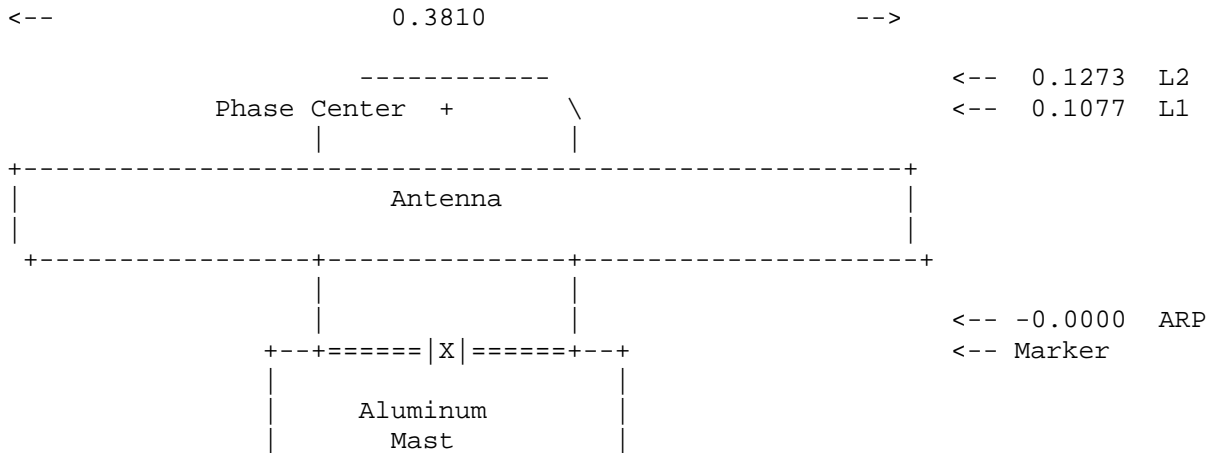
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ANTENNA DIAGRAM:

2011/09/29 Leica AR25 w/ Leica dome (LEIAR25 LEIT)



- 2004/10/04 Dorne Margolin Trimble Choke Ring w/radome (NGS TRM29659.00 UNAV)



Marker - X

ACRONYMS:

ARP ... Antenna Reference Point
BCACS ... British Columbia Active Control System
NAD83 ... North American Datum 1983
SRMB ... Surveys and Resource Mapping Branch
WGS84 ... World Geodetic System 1984