

GeoBC
BRITISH COLUMBIA ACTIVE CONTROL SYSTEM

GPS ACTIVE CONTROL POINT as of 2012/01/27

STATION: BCLI
GEODETIC MARK: 869792
FULL NAME: BCACS - Lulu Island ACP
CLASS: BCACS Primary
LOCATION: Richmond, B.C., Canada

- 2005/04/05

MARKER COORDINATES: Latitude n49 6 54.40474
Longitude w123 8 49.61827
Ellipsoid Height - 4.645
Orthometric Height 14.895

GEODETIC ATTRIBUTES: Datum/Ellipsoid = NAD83(CSRS) 4.0.0.BC.1.GVRD
Geoid Model = HTGVRDBC00
N = -19.54m
xi = -4.68s
eta = 2.53s

REFERENCE NETWORKS:
Inner: nil

Outer:

COLLOCATION TIES:
- nil

ANTENNA HEIGHT: > vertical distance measured to antenna reference point

- 2004/09/04 00:00UT 0.000m

GPS RECEIVER:
- 2011/09/27 19:00UT Leica GR10 s/n 1700656
(used for RINEX as of 2012/01/27)
- 2004/09/30 15:00UT Trimble NetRS s/n#4432236955

FIRMWARE:
- 2011/09/27 19:00UT Firmware ver. 1.1
- 2011/01/28 01:00UT Firmware ver. 1.3.0
- 2005/04/28 00:00UT Firmware ver. 1.13

- 2004/09/30 15:00UT Firmware ver. 1.03

ANTENNA (diagram below):

- 2011/09/27 19:30UT LEIAR25 LEIT s/n 725136
- 2004/09/04 20:35UT Trimble Zephyr Geodetic with GP (NGS TRM41249.00)
sn# 12379381
- 2004/09/30 15:00UT Trimble Choke Ring w/radome (TRM29659.00)
sn# 0220335638

ANTENNA CABLE:

- 2004/09/30 00:00UT

CLOCK:

- 2004/09/30 00:00UT GPS Receiver Internal Clock

MODEMS:

- N/A

UNINTERRUPTABLE POWER SUPPLY:

- 2004/09/30

STATUS:

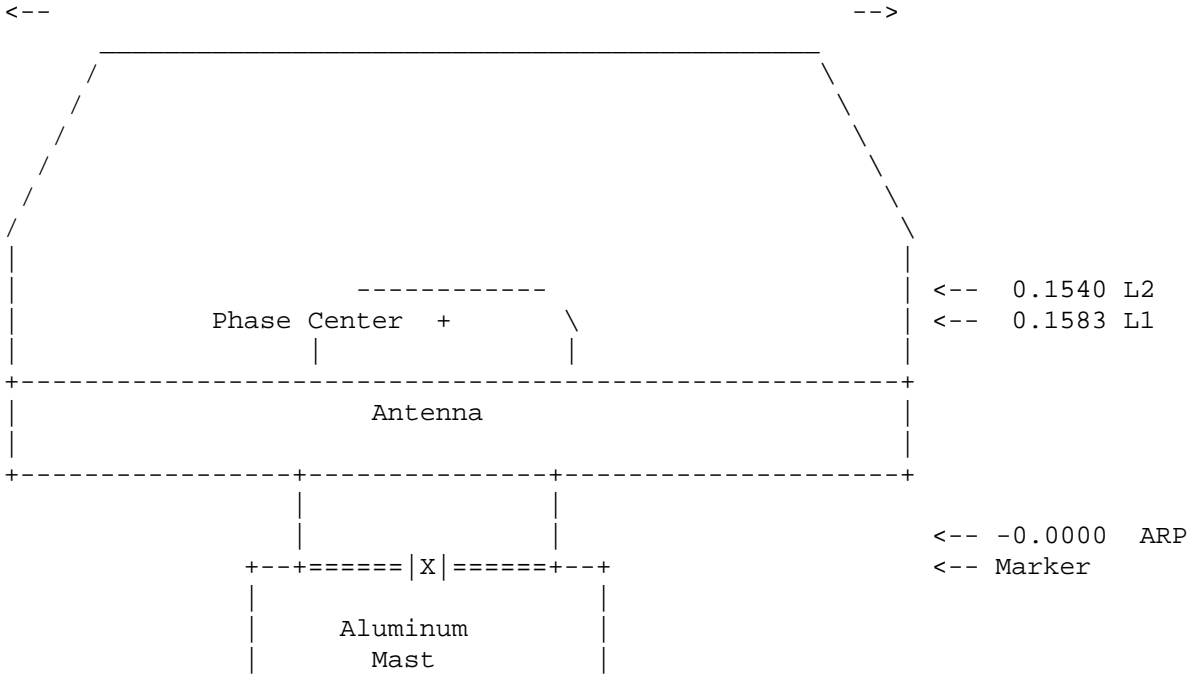
- 2004/09/30 00:00UT Operational

AGENCY: GeoBC
Prince of British Columbia

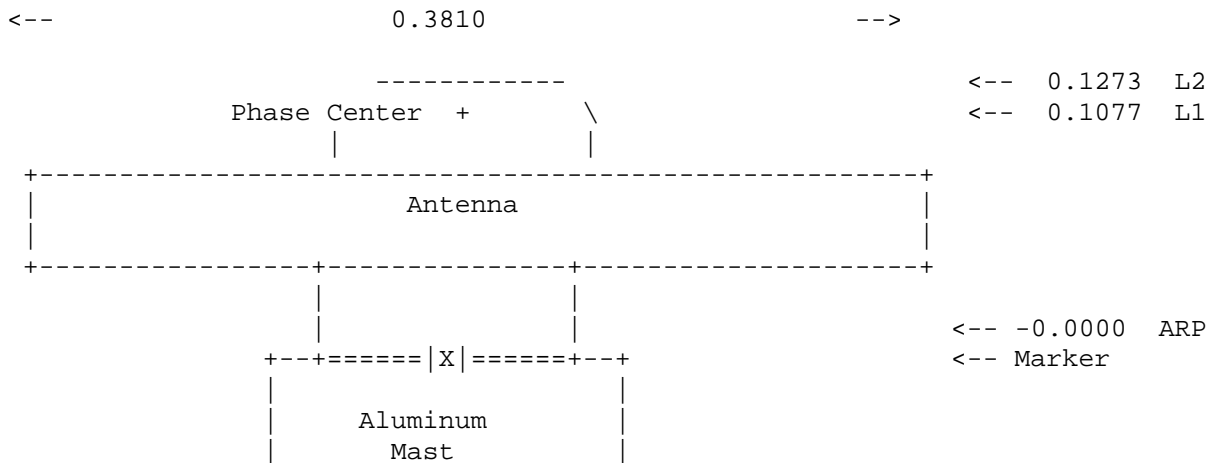
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ANTENNA DIAGRAM:

2011/09/27 Leica AR25 w/ Leica dome (LEIAR25 LEIT)

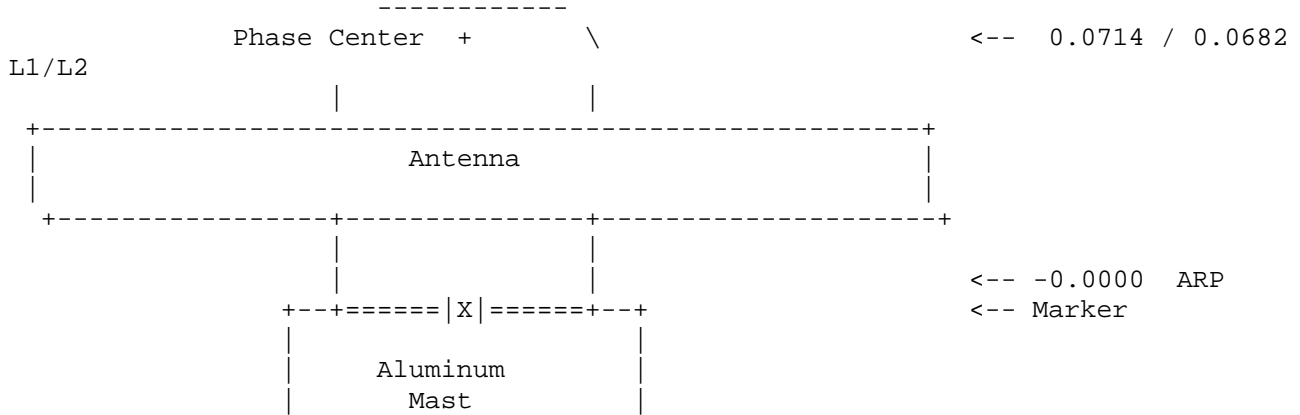


- 2006/11/26 Dorne Margolin Trimble Choke Ring w/radome (NGS TRM29659.00 UNAV)



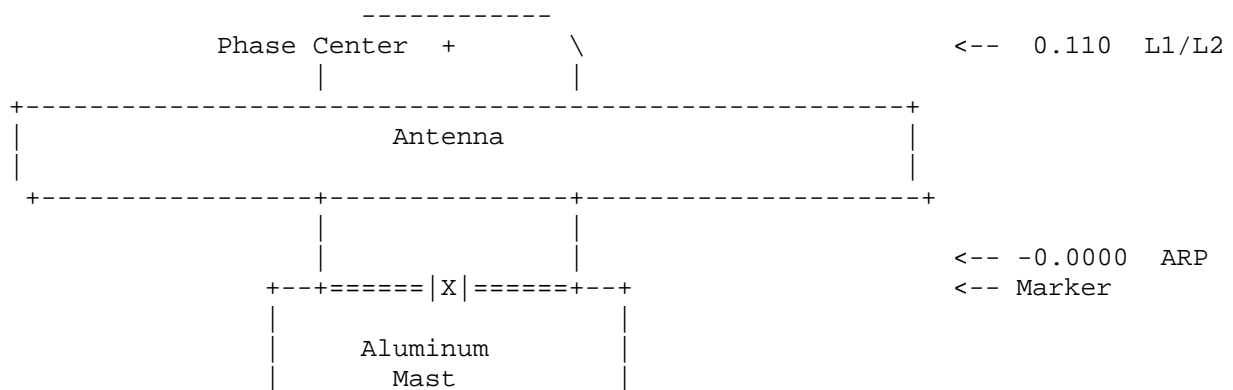
- 2006/09/04 Trimble Zephyr Geodetic with GP (NGS TRM41249.00)

<-- 0.3810 -->



- 2004/09/30 Dorne Margolin Trimble Choke Ring w/radome (NGS TRM29659.00 UNAV)

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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