

**GEOGRAPHIC DATA
BRITISH COLUMBIA ACTIVE CONTROL SYSTEM**

GPS ACTIVE CONTROL POINT as of 2015/06/16

STATION: BCDI
GEODETIC MARK: 332510
FULL NAME: BCACS - Denny Island ACP
CLASS: BCACS Primary
LOCATION: Denny Island, near Shearwater, B.C., Canada

Installed on stainless steel pillar at Denny Island, British
Columbia (near CBC repeater site)

- 2006/08/03

MARKER COORDINATES: Latitude N 52°09'28.84236"
Longitude W 128°06'37.59760"
Ellipsoid Height 22.400m
Orthometric Height 35.140m

GEODETIC ATTRIBUTES: Datum/Ellipsoid = NAD83(CSRS) 4.0.0.BC.1
Geoid Model = HTV2.0
N = -12.74
xi = -1.32 s
eta = 1.02 s

- 2005/06/16

MARKER COORDINATES: Latitude N 52°09'28.84254"
Longitude W 128°06'37.59772"
Ellipsoid Height 22.435m
Orthometric Height 35.170m

GEODETIC ATTRIBUTES: Datum/Ellipsoid = NAD83/WGS 84
Geoid Model = HT97
N = -12.735
xi = 2.11
eta = 0.69

- 2005/02/21

MARKER COORDINATES: Latitude N 52°09'28.83955"
- Preliminary Longitude W 128°06'37.59798"
Ellipsoid Height 22.399m
Orthometric Height 35.134m

GEODETIC ATTRIBUTES: Datum/Ellipsoid = NAD83/WGS 84
Geoid Model = HT97
N =
xi =
eta =

REFERENCE NETWORKS: **N/A**
 Inner:

 Outer:

COLLOCATION TIES:
- nil

ANTENNA HEIGHT: > vertical distance measured to antenna reference point
- 2005/02/21 00:00UT 0.000m

GPS RECEIVER:

- 2015/03/27 00:00UT Leica GRX1200 +GNSS s/n#495009
- 2005/02/21 00:00UT Leica RS500 s/n# 0080264

FIRMWARE:

- 2015/06/16 16:40UT Firmware 9.20 / ME 6.404
- 2015/03/27 00:00UT Firmware 8.71
- 2005/02/21 00:00UT Firmware 5.00

ANTENNA (diagram below):
- 2005/02/21 00:00UT Leica Choke Ring with LEIS Dome sn # 1254

ANTENNA CABLE:
- 2005/02/21 00:00UT

CLOCK:
- 2005/02/21 00:00UT GPS Receiver Internal Clock

COMPUTER HARDWARE:

- 2005/02/21 00:00UT N/A

MODEMS:
- **2015/03/27** **MicroHard 3G**
- 2005/02/21 Sixnet VTModem5

UNINTERRUPTABLE POWER SUPPLY:
- 2005/02/21 00:00UT
