

A map of Canada with various colored squares and stars representing GPS and BM network points. The text is overlaid on the map.

GPS on BM Network a.k.a. The “Supernet”

- Purpose

- Ellipsoidal–orthometric height transformation (HT)
- Testing & refinement of the geoid model
- Reconciliation of CHS chart datums

Version 1.0 – 1.3

- Weaknesses

- Low accuracy GPS surveys (late 80's) in BC & AB
- Little coverage in Ontario

- Originally in NAD83(CSRS96)

- Transformed to NAD83(CSRS98) only in an approximate way (interim measure)

Versions 2.0 & 3.0

- Version 2.0

- Doesn't exist!
- Was supposed to have been integration into CBN 2.0
- No time

- Version 3.0

- Will be integration into CACS & CBN 3.0
- Waiting for completion of CBN 3.0 (just finished)
- Should be ready in a few weeks if no more “gala” events planned. 😊

Version 3.0

- New data since v1.x
 - 1997 CBN campaign, including GPS on BM
 - Ontario
 - N. Quebec
 - Newfoundland/Labrador
 - 1999 CBN campaign, including GPS on BM
 - British Columbia
 - 1996-1999 GPS at tide gauges
 - 1997 & 1999 Vancouver Island GPS



