July 27th, 2007

Washington State Reference Network

NTRIP CASTER – Mountpoints Key

Caster IP: 156.74.250.185   **Caster Port:** 8080

Sub-Network Prefixes:

PRSN – Puget Sound (this region extends north to Burnaby, south to Grand Mound, east to the Cascade passes, west to the Olympic Range)
SWWA – Southwest WA (this region extends from Grand Mound on the north, Portland on the south, Goldendale on the east, and the pacific on the west)
EWA – Eastern WA (this region extends from the Cascade passes on the west, Coeur D' Alene on the east, Othello on the south, and the Canadian border on the north)
SEWA – Southeast & South-Central (this region extends from Goldendale ion the west, Moscow ID on the east, Pendleton on the south, and Othello on the north… not active in network solution until later this summer)
NWWA – Northwest subnet with extents that run from Burnaby to Arlington, and from Ross Dam to Pt. Angeles

Note: these subnets are not complete yet, there are 65 of the planned 85 stations online at this date; refer to the online maps for network development status)

Source Types:

VRS CMR+	CMR+ corrections using a physical vector to the nearest ref station with corrections modeled on the rover location
VRS RTCM 2.3	" " w/RTCM 2.3 corrections (also supports DGPS)
VRS RTCM 3.0	" " w/RTCM 3.0 corrections (w/Glonass where available)
FKP	Flat-Plane (or "tilt") corrections
3NET	RTCM3 Network Message (master-auxiliary; default is auto-master mode defining the master as the nearest ref station. If you would like broadcast only with predefined master-aux then request)
SB CMR+	Single-Base RTK w/CMR+ corrections

SB RTCM 2.3	Single-Base RTK w/RTCM 2.3 corrections (w/DGPS)
SB RTCM 3.0	Single-Base RTKw/RTCM3.0 (w/Glonass where available)
SBX	If you desire additional correction flavors for ref stations we handle this on request
NTRIP_X	Raw stream redirects and copies for network partners, academia and science

Mountpoint Naming Pattern Examples:

VRS CMR+	PRSNVRS, EWAVRSCMR, SWWAVRSCMR SEWAVRSCMR, etc
VRS RTCM 2.3	PRSNVRSRTCM, EWAVRSRTCM, SWWAVRSRTCM, SEWAVRSRTCM, etc
VRS RTCM 3.0	PRSNVRSRTCM3, EWAVRSRTCM3, SWWAVRSRTCM3, SEWAVRSRTCM3, etc
3NET	PRSN3NET, EWA3NET, SWWA3NET, SEWA3NET
FKP	PRSNFKP, EWAFKP, SWWAFKP, SEWAFKP, etc
SB CMR+	SSHO, KNTC, SPKN, etc (four letter station ID)
SB RTCM 2.3	SSHO-23, KNTC-23, SPKN-23, etc (four letter station ID with a "-23" suffix)
SB RTCM 3.0	TUMW3, BELI3, COLV3, etc (4 letter station Id with a "3" suffix)
NTRIP_*	NTRIP_ w/ station ID suffix (not useful for field use)
	Note: not all stations have all SB sources at this time, we are adding more as they are requested.

Services Lists:
Not all accounts display every mount point in an effort to keep individual list short, or to accommodate custom sources. You can always request additional sources and every effort will be made to accommodate.