Lab: Sept. 20, 2012

GEOMETRY MANIPULATIONS

FILTER and GAIN TESTS

GEOMETRY

Do the following during laboratory for the S-type data collected on 011410 at the 17th St. Avenue Canal breach

1. Copy all the files in: /home/gom/refseis12/17thStCanalBreach/seismics/data/011410/S/su

to your local (and organized) directory structure.

1. View individual shot gathers (Use: View\_single\_files.sh)
2. Concatenate shot gathers 1004.su through 1011.su into one file and view this data (Use: cat\_1004\_1011QC.sh\*)
3. Add the difference of the shear shot gathers (Use: QC\_cat\_SH\_diff.sh)
4. Change the header data of the shear shot gathers to reflect that the first shot –receiver offset is 0.3m and that every successive offset increments by also 0.3 m

Please hand in on paper the four scripts that show the above work for a grade by the start of the class on Sept. 27 (Thursday) lab a week from today.