**CADSWES Maintenance Accomplishment Report – March 2017**
Robynn Balduf

**March 2017 Maintenance Highlights:**

Visual Studio Upgrade

1. Settled on VS2013 due to a compatibility issue with Oracle Client.
2. Upgraded project files and solution file to the VS2013 toolset and pushed to the branch.
3. Applied minor code fixes to DbDmi, Q3Gui, and Sim to address breaking changes and pushed to branch.  (to revisit)
4. Compiled projects with VS2013 using existing include directories and library header files.
5. Built all 3rd party libraries (except netcdf - in process) with VS2013
6. Installed new 3rd party builds in c:/riverware/tools
7. Updated documentation with detailed instructions for each 3rd party build.
8. Updated .pro files INCLUDEPATH with new version locations and pushed to branch.
9. Ran qmake and encountered an issue: qmake mysteriously reverted the ToosVersion in the.vcxproj file to 4.0 (VS2003)
10. Updated include directories in project files and pushed to branch.
11. Updated PATH on granby to reflect new location of Quazip, and UIC
12. Recompiled all projects with new library header files and include paths.