



New Naming Convention for Edited Files in HYPACK® 2012

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March 30, 2012 Editor's Note: Due to popular demand, we have reverted back to the naming convention from previous HYPACK® versions. See ["SBMax Update Reverts Back to Previous Naming Convention"](#).

Single beam edited files will inherit a new naming convention in HYPACK® 2012 that all HYPACK® users should be aware of. Unlike HYPACK® 2011 and all other previous versions, edited files in HYPACK® 2012 will carry the "EDT" extension, *unless otherwise specified by you in the SINGLE BEAM EDITOR*. Edited logs will carry the "EDT" in the prefix of the log file.

To illustrate this change in HYPACK® 2012, let's first take a look at some raw files in the HYPACK® shell. Figure 1 shows raw files collected recently in New Haven, CT.

Note that the raw files carry the "GLD" extension and that the raw log carries the name "GLD0125.LOG."

FIGURE 1. Sample RAW Data in HYPACK®

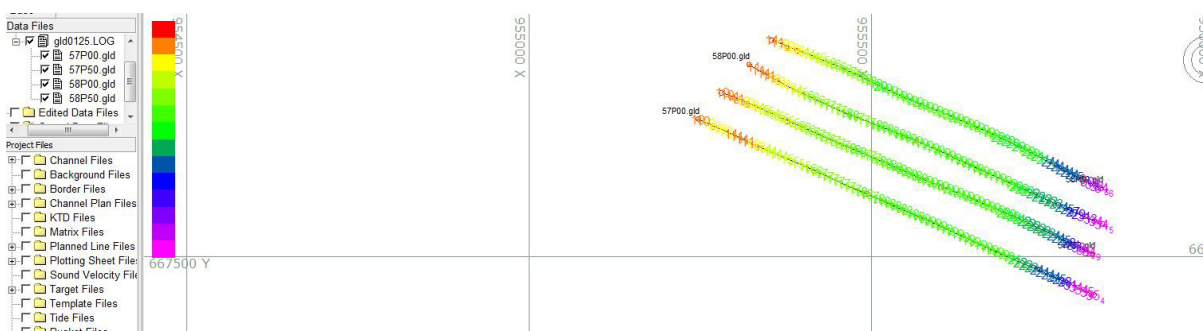
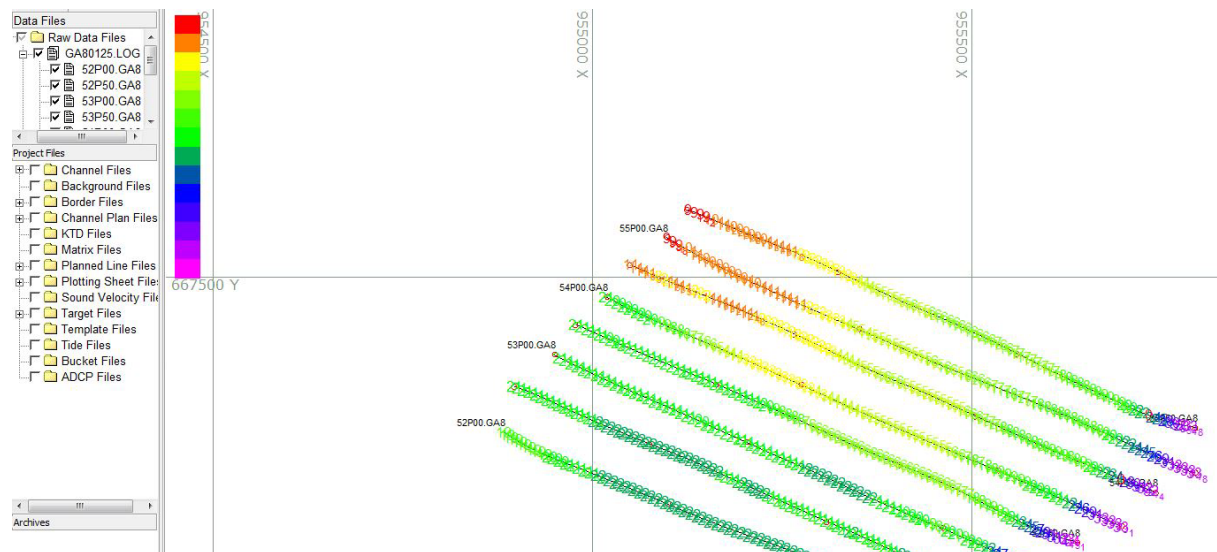


Figure 2 represents another set of raw files with "GA8" as the extension on the raw files. The raw log is named "GA80125.LOG".

FIGURE 2. Second Set of Sample Raw Data



These are clearly *two different* sets of lines that were collected on the same day and within close proximity of each other.

Here's where it gets tricky if you aren't aware of the naming convention change in HYPACK® 2012!

After running the first set of raw files (GLD0125.LOG) through the SINGLE BEAM EDITOR and saving out the lines to edited format, note that the edited files (in Figure 3) have inherited the "EDT" extension (not that of their corresponding raw log, as determined in HYPACK® SURVEY).

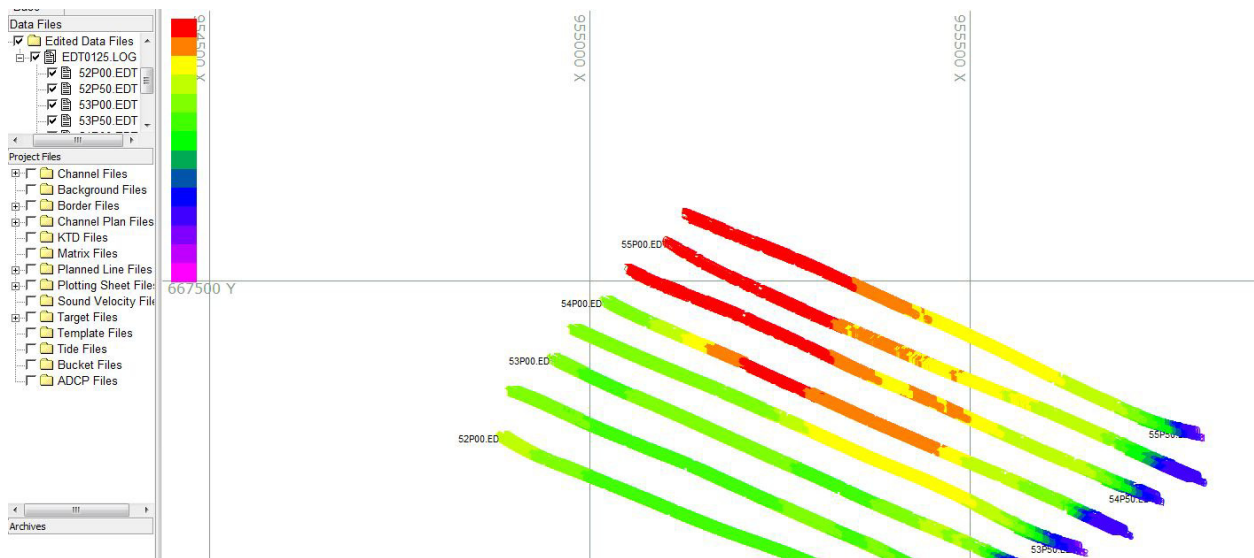
Furthermore, the edited LOG has been named "EDT0125.LOG".

FIGURE 3. Edited Data in HYPACK®



An issue that can arise in HYPACK® if you are not aware of the change can be seen when editing a *second* group of raw files (GA80125.LOG) collected on the *same* day. The edited files from the second group are shown in Figure 4:

FIGURE 4. The Second Edited Set of Data

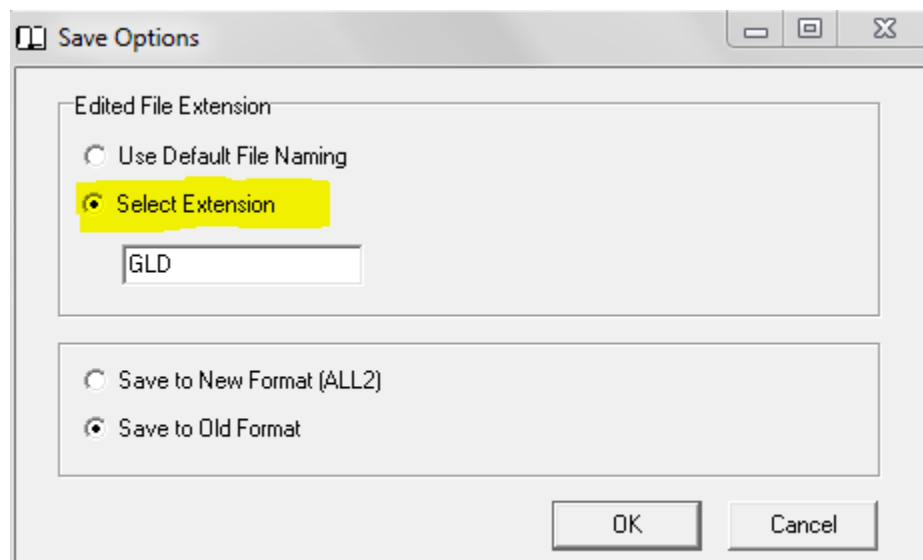


Although these files are from a *different* set of raw files, they have inherited *the exact same name* for their LOG: “EDT0125.LOG”! The edited LOG has overwritten the previous one and the individual edited files from the first edit have been flushed out of the LOG.

How can we avoid this??? The answer is simple.

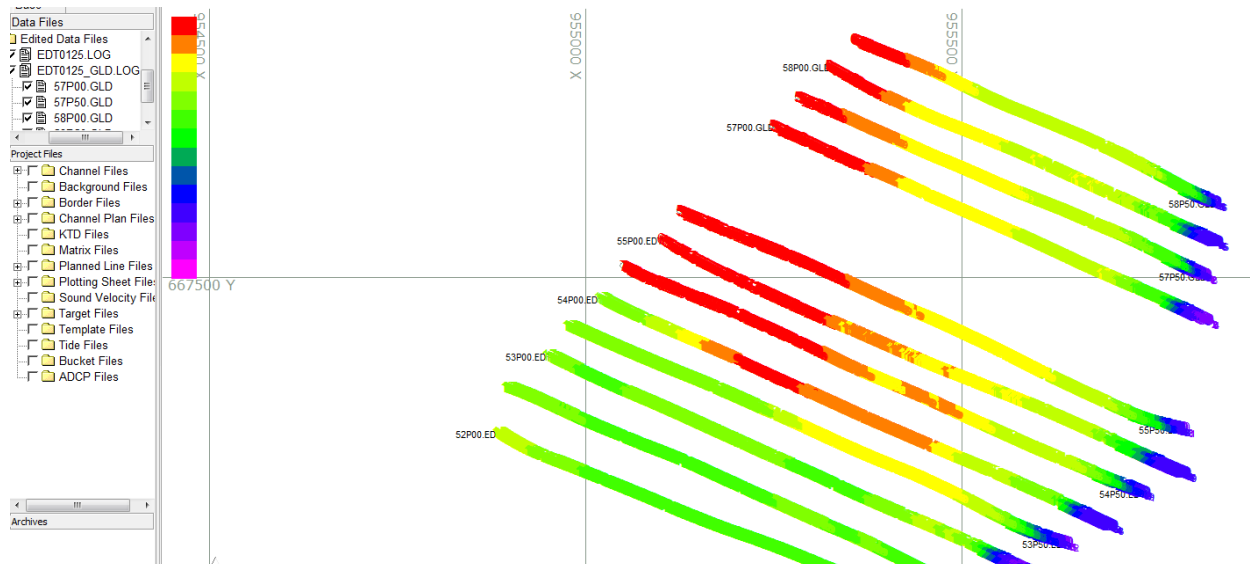
You can *select an extension* in the SINGLE BEAM EDITOR as you edit each group of raw files. (The default file naming will overwrite the previous edit, as shown in previous example.)

FIGURE 5. Setting the Extension for Your Edited Data



When you specify a different extension, the overwriting will no longer occur:

FIGURE 6. Edited Data with the GLD Extension



Note that the raw files now have the desired “GLD” extension, and “GLD” has also been added to the edited LOG name (EDT0125_GLD.LOG). Sorry if you don’t like the “EDT” that still remains in the name... it’s there for good.