



Handling our New Style of Targets in HYPLOT and MAGEDIT

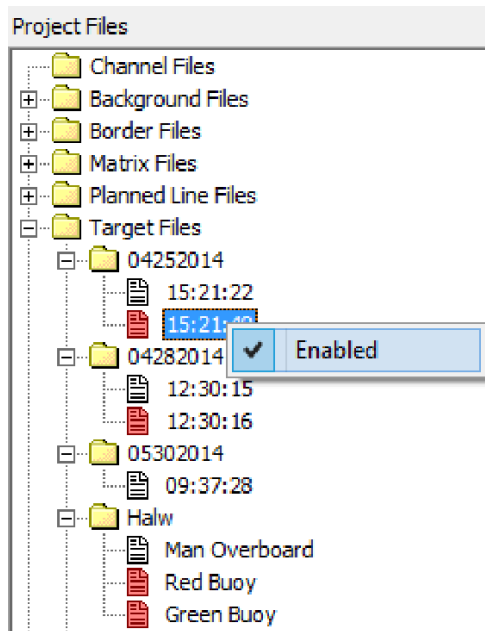
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In our upcoming version of HYPACK®, we will be moving to a new version of our target system which allows for groups and additional data fields. In order to accommodate this, several changes have been made to the way targets are read and displayed in HYPLOT and how they are created in all of our programs.

Under the target folder in the HYPLOT Project File View, you will find other folders representing all of the target groups you have created. Also part of this level of the hierarchy are targets that have not been assigned to any group. Targets can belong to more than one group and, as such, the same target can appear under multiple folders.

Target drawing can be controlled by right-clicking and choosing to either enable or disable your target.

FIGURE 1. *Project File View in HYPLOT*



MAGEDIT (the Magnetometer Editor) is a good example of a program that uses some of our new fields when you mark targets. Our new target database has spots for the magnetometer target's distance over ground, the time elapsed for the target, minimum peak, maximum peak and the peak spread which is the absolute distance between the min and max.

In case you are unfamiliar with targets in MAGEDIT, you click on the Question Mark button (Circled in blue in Figure 2) which will transform your cursor to a magnifying glass. You then place two flags (Circled in orange in Figure 2) on the sides of the peak on which you want to mark a target.

FIGURE 2. Marking Targets in the MagEdit



The Magnetic Analysis window will then open, which allows you to review the information, pick target co-ordinates (represented by the black line on the graph), modify the peak boundaries for re-calculation of values such as the peak-to-peak, and give the target a name. You can also choose a target type such as a dipolar, monopolar, or multiple component which is displayed in the Notes field. When you're happy with your target, you can use the right side of the dialog to assign or create groups. After choosing an initial group, you can assign the target to additional ones by holding the Ctrl key and clicking.

FIGURE 3. Whole Magnetic Analysis Window

