



Targeting in HYSCAN

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Once HYPACK® 2009 was out the door, we began working on new features and enhancements to our side scan module. Many feature requests that come from our users end up benefiting everyone.

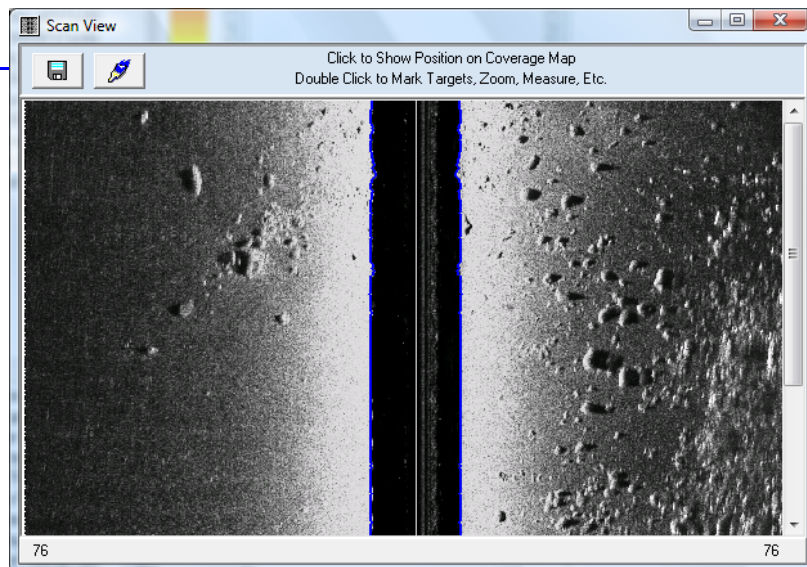
The new target positioning feature provides you with a method to adjust the location of the target while in the TARGET EDITOR.

Other items to be added to our side scan suite this year include real-time mosaicking, bottom classification, improved waterfall displays and the addition of new side scan sonar interfaces.

Target Positioning allows you to adjust the target position (and even select a different target) while in the target window. This is very handy when there are multiple targets and you need to select only the most prominent one of the group.

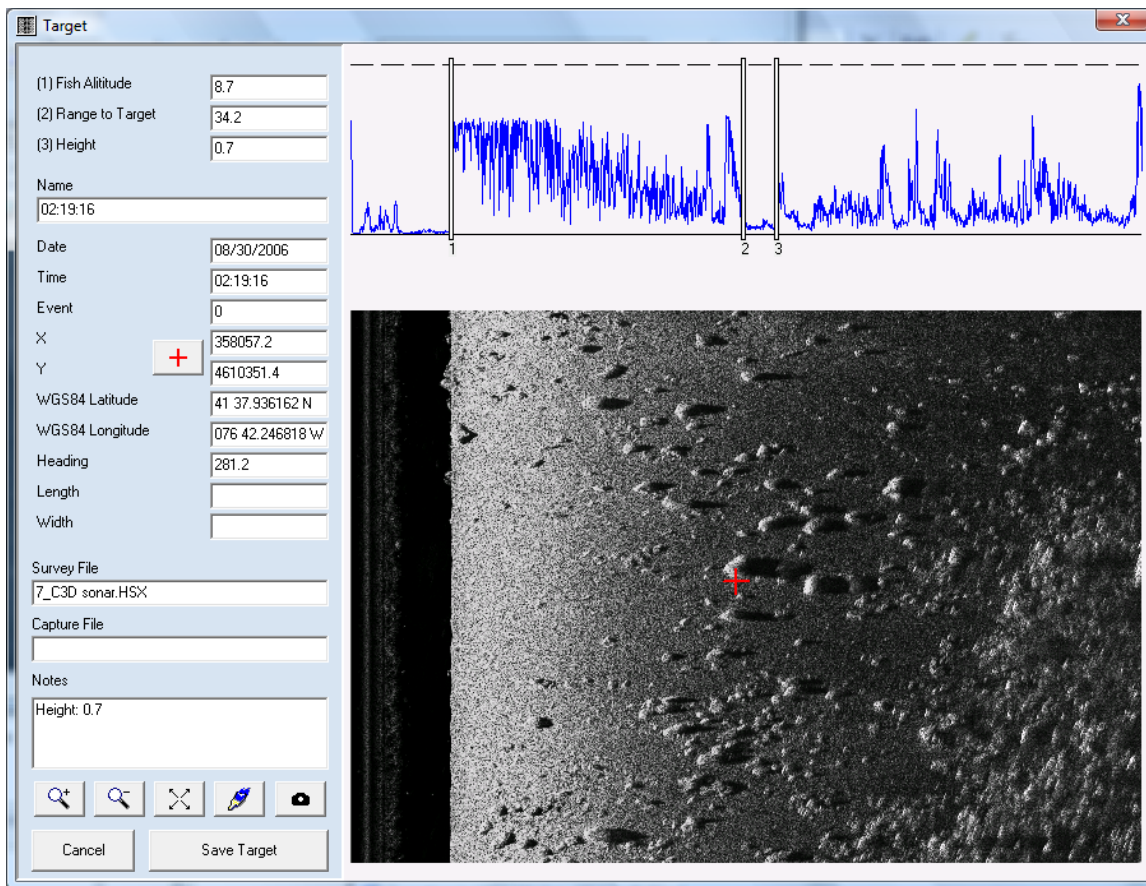
In the following example, there is a cluster of small rocks, but you wish to target only the largest one, and obtain its position.

FIGURE 1. *Rock Cluster in Scan View*



In Phase 2 of HYSCAN, double-click to mark the targeted feature. The target window will be launched.

FIGURE 2. HYSCAN Target Window



In the Target window displays the targeted feature (marked by a red 'X') and the surrounding area. In the previous version, this position was assigned to the target.

In this example, we will find the largest rock and relocate the target position to mark it.

1. **Using the measuring tools, find the highest rock.** In this data example, a rock located in the upper part of the display area measured 1.0 meter.
2. **Adjust the position to be stored in the Target Log file.**
 - a. Select the Icon in the data display for the position.
 - b. On the data display, click the position of the selected target feature. (In this case, the largest rock.)



Tip: You can use the zoom tool to enlarge the area and get a more accurate position.

FIGURE 3. Relocating the Target Location

