

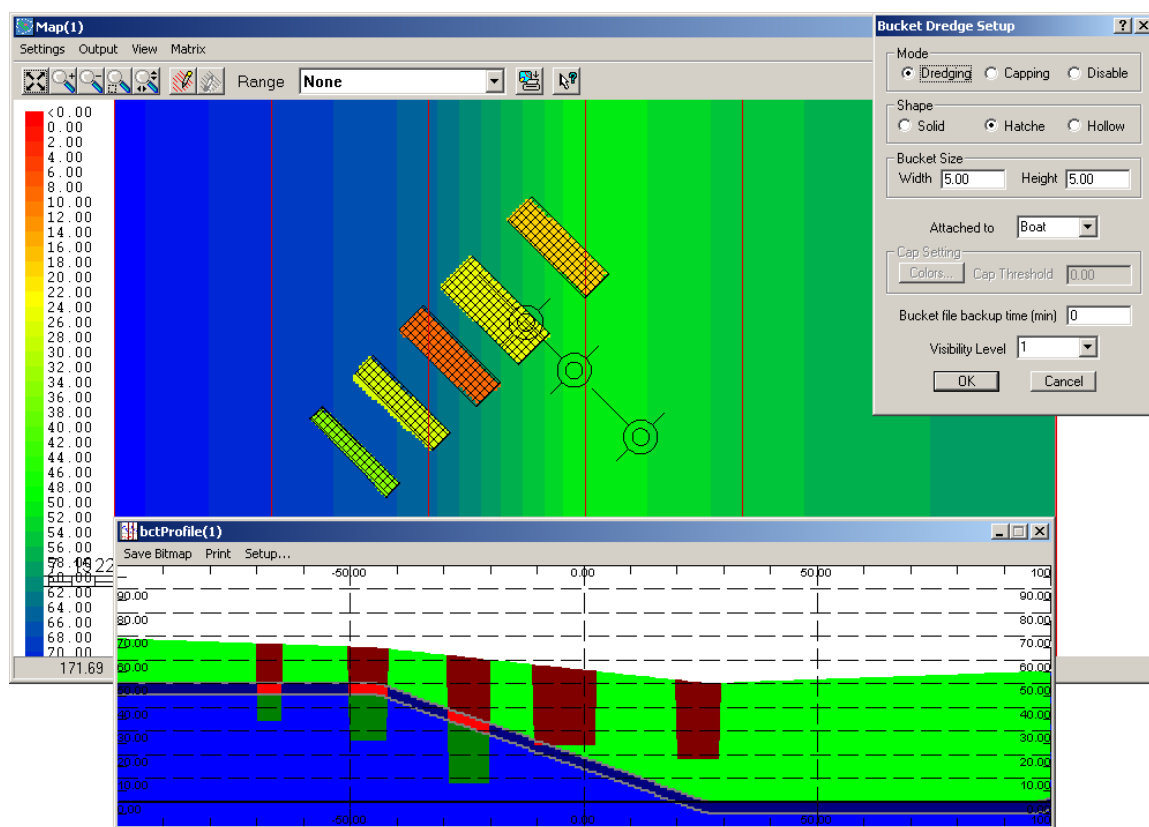


Automatic Bucket Size

By Lazar Pevac

The Bucket size is determined in the “Bucket Dredge Setup” dialog. If the bucket size changes, you do not need to close DREDGEPACK®. Just open the Bucket Dredge Setup dialog by selecting OPTIONS-BUCKET PARAMETERS, modify the Bucket Size parameters and click [OK]. After the Bucket Parameters dialog closes, the new bucket size will be applied the next time the bucket goes down. Unfortunately, if the bucket size changes frequently, this multi-step process may not be very handy.

FIGURE 1. Changing your Bucket Parameters in DREDGEPACK®



After a few conversations with our customers we decided to make the “bucket resize” operation automatic. The bucket setup dialog will stay open, but the final decision about the bucket size will be made on dredge driver level.

The idea is that the dredge driver will monitor a sensor that measures the bucket load. If there is no efficient way to install such a sensor, the bucket size can be determined manually. For such cases, we have recently reserved four shortcut keys F9-F12 for quick dredge action. Each key can be programmed to execute different a bucket size.