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Sounding Better!

Channel File Vertical Walls in DREDGEPAK

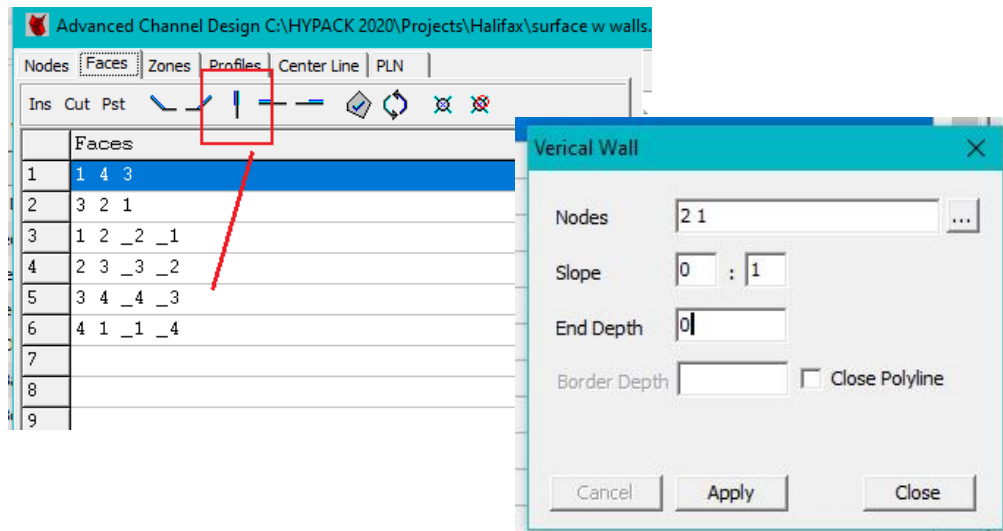
By Christian Shaw

I was conducting training with a nice group of folks when one of the users asked if DREDGEPAK® could display vertical walls in the Profile Window. I honestly didn't know the answer to that. Typically, a slope or a box cut was all I ever used. So as I went onto test I can clearly see that the walls are in fact displayed in the Profile Window.

Here is how I tested and reached my conclusion:

In ADVANCED CHANNEL DESIGN, I made a CHN (channel template) file as normal. Instead of slopes, however, I used the vertical wall option. I typed in the nodes from which I wanted the wall to start and an ending depth. The depth where I chose to stop the wall was at 0 elevation; however, it can be any value.

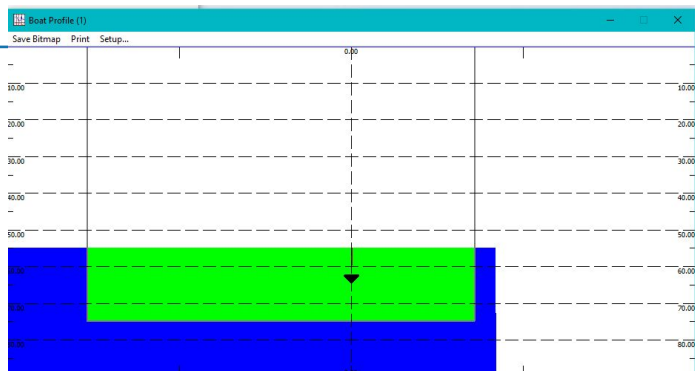
Adding a Vertical Wall in ADVANCED CHANNEL DESIGN

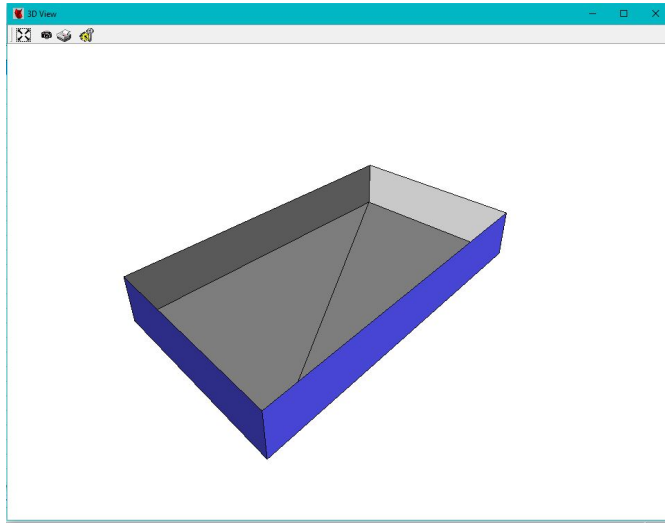


Once I was happy with the surface, I saved the CHN file and loaded it into DREDGEPAK®. (Select CHART - CHANNEL - CHANNEL.)

The Profile Window with the Channel File

The Profile Window can be found under the Vessels menu. When I selected the mobile that has depth I was able to see the profile with the CHN walls at a 0:1.





With all this being said, go ahead and build out those crazy designs in **ADVANCED CHANNEL DESIGN** and give your operator something nice to look at!