



Filling Matrix Gaps on the fly in DREDGEPAK

By Caryn Zacharias

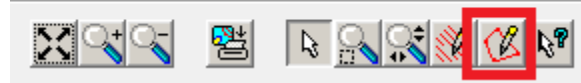
I have been meaning to write something on this for a while now. I am not a dredger but Technical Support receives numerous calls from dredgers who lost sections of their matrix. They know the area has been completed, but now they have a nice big section of empty cells or cells which have not been updated. Most of the time we can recover the matrix using their Matrix Backup. I wrote an article on recovering a matrix a number of years ago. In this article, I will explain how to create a border while still in DREDGEPAK® and fill in or update the matrix as needed.

1. **Pan over to the area in the map window that needs to be filled in or updated.**

2. **Click the 'Create Border' button.** It is located in the menu of the Map window

Map(1)

Settings Output View Matrix Tools



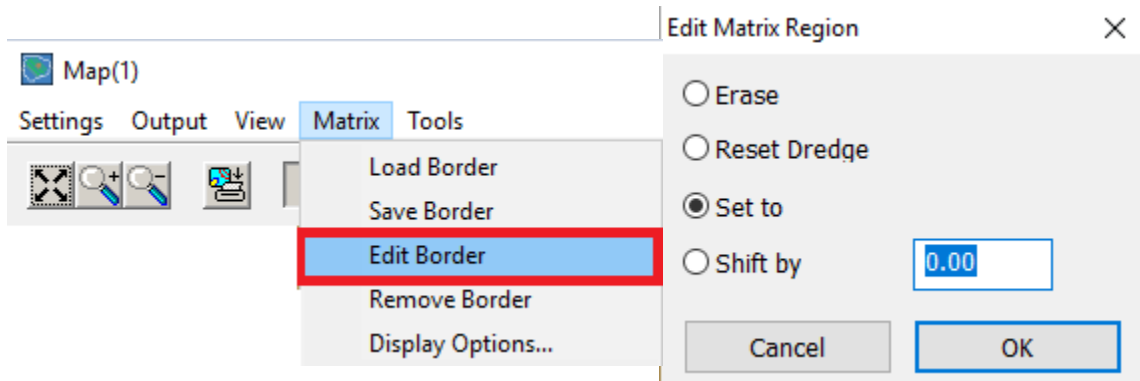
3. **Now use the tool to click around the area that needs to be updated.** When you are done, make sure to right-click within the border. This automatically connects the first and last point to close the polygon and also designates that you want to modify inside the border and not outside.

Sample Bordered Area

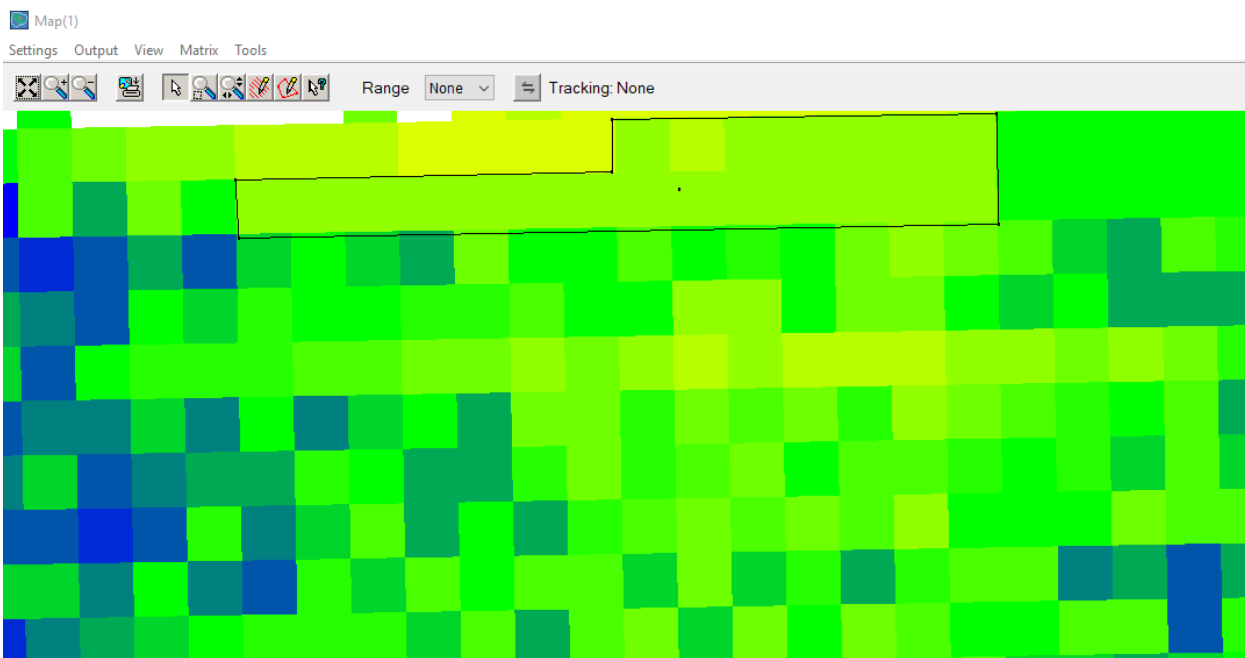


4. **Select MATRIX – EDIT BORDER.** The Edit Matrix Region window will open.

5. Select 'Set to' or 'Shift by', enter the value necessary, and click [OK].



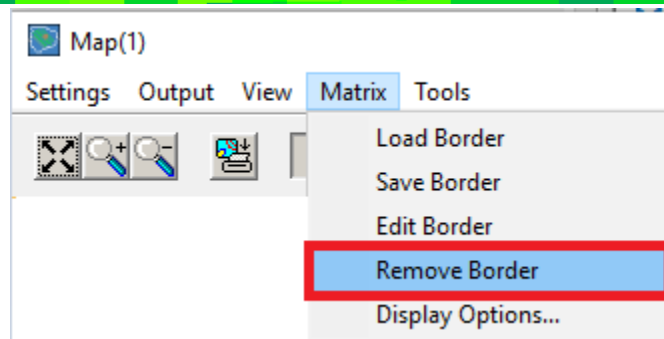
Bordered Area of the Matrix is Filled According to your Instructions



6. **Remove the border** (optional).
Select MATRIX – REMOVE BORDER

Now you have your updated matrix and you are ready to continue dredging.

I hope this helps get you back dredging as soon as possible and for your crew to know where you left off and what still remains.



As always if you have any questions or issues, please do not hesitate to contact HYPACK Support at help@hypack.com or 1-860-635-1500.