Explanation of the "work-around" for the bug in version 5.20 and 5.50 of RS-Logix 500.

There is a software bug in these versions of RS-Logix 500 that does not allow access to the advanced I/O setup to set M0, M1 and G file sizes. *Rockwell has fixed the problem with version 6.00. This work-around is available for those that are still running this version 5.20 or 5.50.00 of RS-Logix 500. The work-around is not as cumbersome as it sounds.* Here is the procedure:

1. Open the new project dialog as you normally would.
2. Pick the appropriate processor (not critical, if wrong it will be corrected in the next step).
3. Click on "OK" and the new project opens.
4. Make sure RS-Linx is properly configured and it is "talking" to the SLC.
5. Double click on the I/O Configuration item in the project tree.
6. Click on the "read I/O" button.
7. Click on the "Who Active" button to confirm RS-Linx is working properly.
8. Click on the "read I/O config" button.
9. If the processor information is wrong, you will get a pop-up showing the correct information, click on the "OK" button (including the "resize data tables" check box).
10. The PLS "other" module will be found with the correct module number (13235), however if you click on the "advanced config" button, you will see that the boxes for the M0, M1 and G file sizes are "grayed" out and not accessible.
11. Close the "configure I/O dialog box.
12. Click on "File" and "Save As".
13. Give the new project file a name and change the "save as type" from "RS-Logix Files (.RSS)" to "Library Files (.SLC)". Pick an appropriate folder and click on "Save".
14. Minimize RS-Logix 500 and open WordPad.
15. Use the open file dialog, going to the folder where you saved the *.SLC file. To see the file you must change the "file type" box to "All Documents *.*".
16. Open the *.SLC" file you just saved.
17. Go to the section with the header " % SLOT CONFIGURATION INFORMATION %".
18. In the line " `SLOT 1 OTHER      % I/O Module – ID Code = 13235 %  SCAN_IN 10 SCAN_OUT 10  ` "
19. Add the following at the end of the line (following SCAN_OUT 10) `M0_SIZE 16320 M1_SIZE 16380 G_FILE 0 .`
20. Save the file with the changes.
21. Now return to RS-Logix 500 and open the *.SLC" file that you just modified. (Import all items).
22. Now do another "Save As", saving the file as a "RS-Logix File (.RSS)" to the folder where your Project or RS-Logix files are normally filed (if you just save it, the file will be in the folder where you save the Library file).
23. If you open the "Configure I/O' box and go to the advanced configure dialog. You will now see that the M0, M1 and G file size are entered and they can be changed.
24. Proceed to write the new program as you normally would.

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