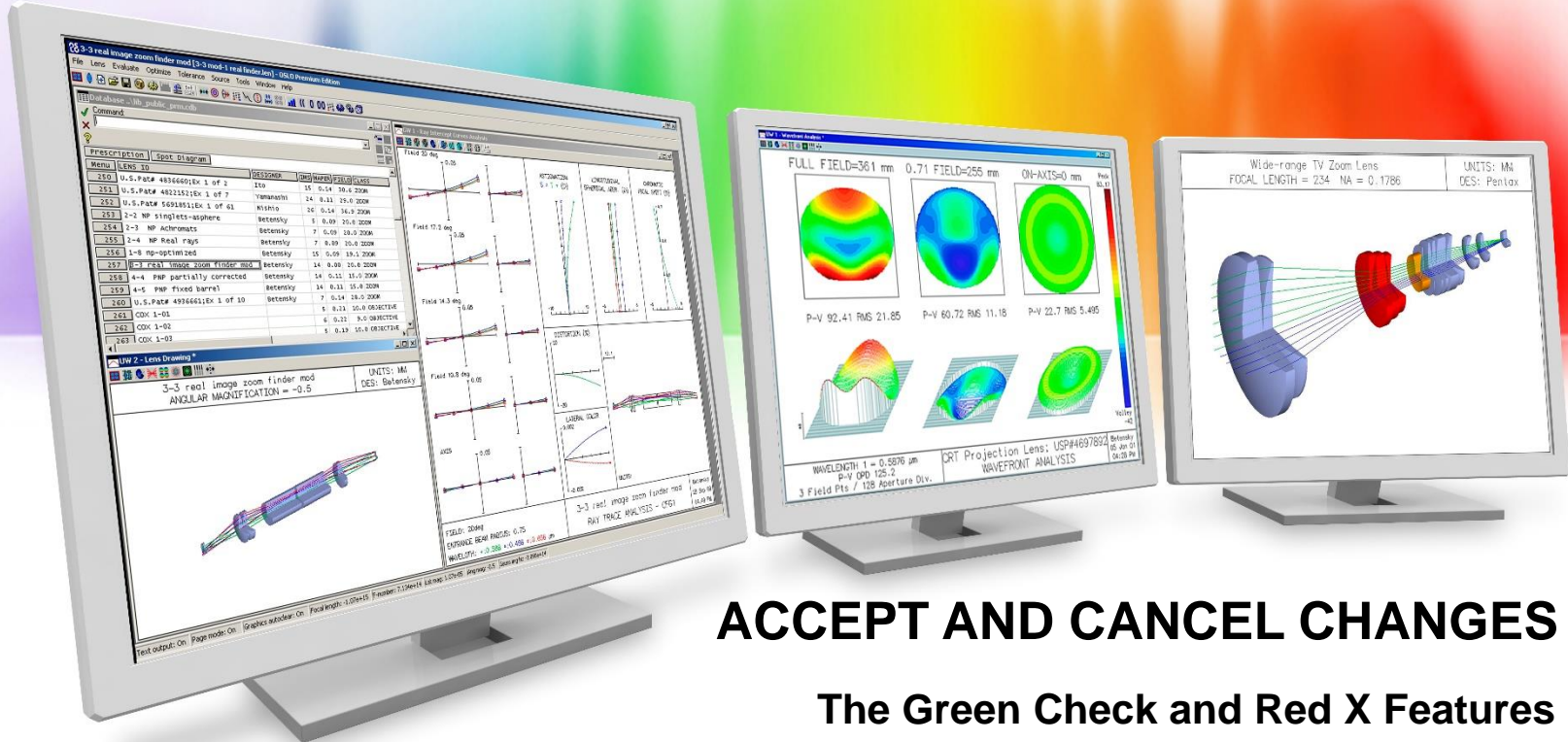


OSLO



ACCEPT AND CANCEL CHANGES

The Green Check and Red X Features

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Overview of the check mark and x



- The check mark and x system in OSLO acts primarily as a “store changes” (check) and “undo” (x)
- It is more accurately described as an “accept” (check) and “cancel” (x)
- This feature is extremely useful when used correctly, although it is not a common feature in many programs
- The ultimate key is always understanding the “storage state” in OSLO

Accepting changes for storage with the check mark



- When you hit the check mark you are either
 - Running the command you have typed, OR
 - Accepting all of the changes made to the currently opened spreadsheet and any spreadsheets called from that spreadsheet (subsidiary spreadsheets)
 - Accepting changes stores them, and you can no longer undo them.
- Use of the check mark “accept” does not save your file! If you open the file again without saving it will go to the last saved version.
- As already said, the key is understanding the “storage state” of OSLO

Example of accepting changes with an open spreadsheet

The screenshot displays the OSLO Premium software interface. The main window is titled "Petzval lens 50mm f/1.8 7.5deg [petzval.len] - OSLO Premium". The menu bar includes File, Lens, Evaluate, Optimize, Tolerance, Source, Tools, Window, and Help. The "Surface Data" panel is active, showing a table of lens surfaces. A red circle highlights the value "-35.0" in the RADIUS column for surface 2. To the right, a window titled "GW 1*" is open, showing a spreadsheet interface. Below the spreadsheet, a window titled "TW 1*" is open, showing a text editor interface. The status bar at the bottom indicates "Text output: On", "Page mode: Off", and "Graphics autoclear: On".

SRF	RADIUS	THICKNESS	APERTURE RADIUS	GLASS	SPECIAL
OBJ	0.000000	1.0000e+20	1.3165e+19	AIR	
1	36.270000	6.000000	14.000000	K7	C
2	-35.000000	2.000000	14.000000	F2	C
AST	0.000000	35.770000	14.000000	AIR	
4	28.420000	6.500000	12.000000	K7	C
5	-22.100000	2.000000	12.000000	F2	C
6	-188.100000	20.400000	12.000000	AIR	
IMS	0.000000	0.000000	6.600000		

Canceling changes for storage with the check mark



- When you hit the red x button (cancel) you are either
 - Canceling the command you have typed, OR
 - Undoing all of the changes made to the currently opened spreadsheet and any spreadsheets called from that spreadsheet (subsidiary spreadsheets)
 - Note that even if you have hit the accept check mark in a subsidiary spreadsheet it is only completely stored when you get out of the top spreadsheet. The system is hierarchical.
- Again the key is understanding the “storage state” of OSLO

Example of canceling changes with an open spreadsheet

The screenshot shows the OSLO Premium software interface for a Petzval lens design. The main window displays the 'Surface Data' table, which is currently open. A red 'X' icon is overlaid on the radius value of surface 2, indicating a warning or error. The status bar at the bottom shows 'Text output: On', 'Page mode: Off', and 'Graphics autoclear: On'.

SRF	RADIUS	THICKNESS	APERTURE RADIUS	GLASS	SPECIAL
OBJ	0.000000	1.0000e+20	1.3165e+19	AIR	
1	36.270000	6.000000	14.000000	K7	C
2	-35.000000	2.000000	14.000000	F2	C
AST	0.000000	35.770000	14.000000	A	
4	28.420000	6.500000	12.000000	K7	C
5	-22.100000	2.000000	12.000000	F2	C
6	-188.100000	20.400000	12.000000	AIR	
IMS	0.000000	0.000000	6.600000		

Useful hints and tips using this feature



- The green check “accept” saves all changes and the red x cancel “undoes” a block of changes. (Can be very useful in optimization, for example.)
- It’s good to keep a backup file so you can revert to a previous saved version.
- OSLO starts out in a state matching the file you open. My preferred method of running is to save a version of the file when I am at a point where I am happy with my progress.
- When I open and close files from the hard drive I like to keep all the spreadsheets closed to avoid any confusion. It is not necessary, but is a good habit and will keep you from getting confused about OSLO’s storage state.
- The keyboard strokes are “shift-enter” for the green check mark and “shift-escape” for the red x in all cases.