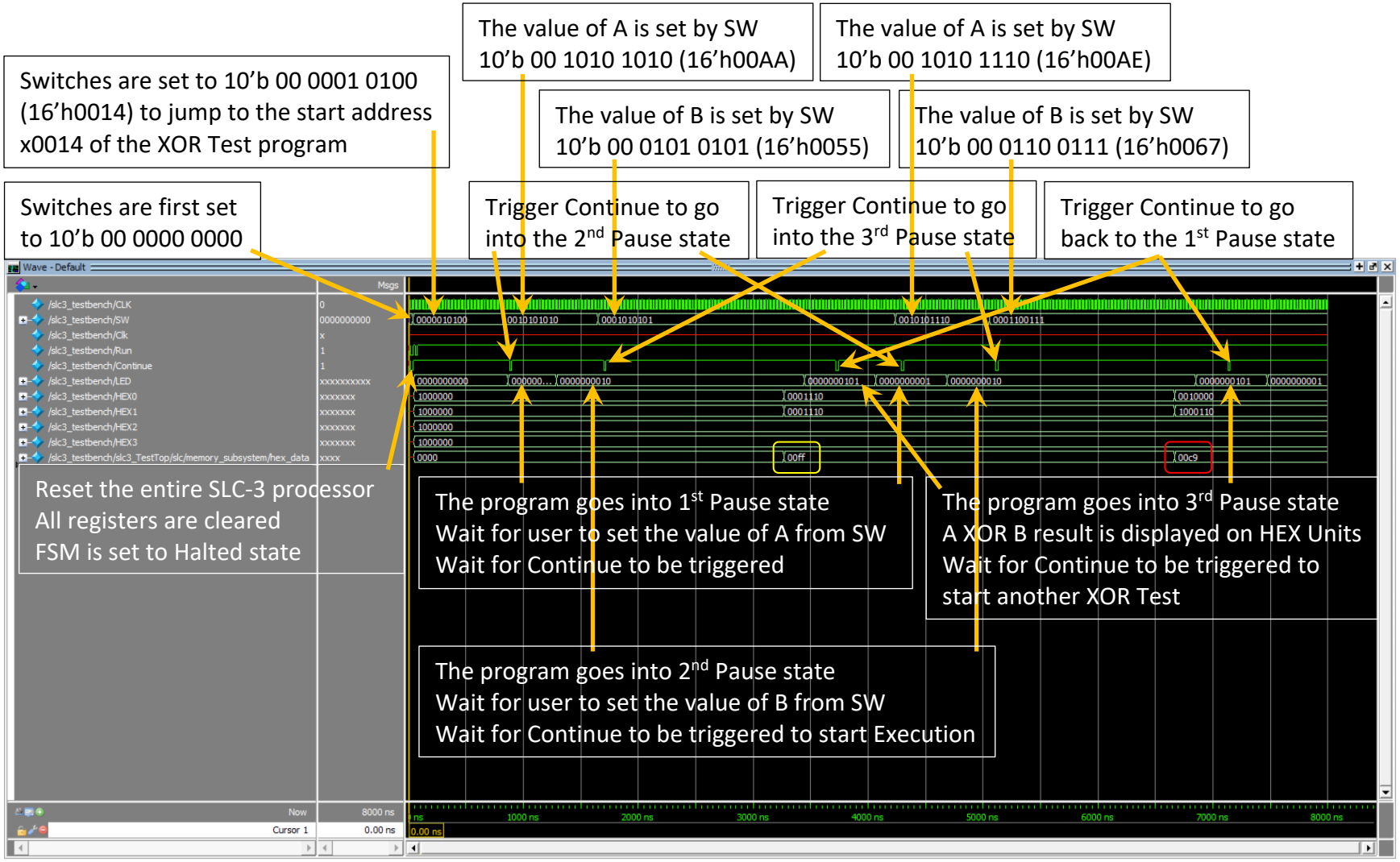
Switches are set to 10'b 00 0001 0100 (16'h0014) to jump to the start address x0014 of the XOR Test program
The value of A is set by SW 10'b 00 1010 1010 (16'h00AA)
The value of A is set by SW 10'b 00 1010 1110 (16'h00AE)
The value of B is set by SW 10'b 00 0101 0101 (16'h0055)
The value of B is set by SW 10'b 00 0110 0111 (16'h0067)
Switches are first set to 10'b 00 0000 0000
Trigger Continue to go into the 2nd Pause state
Trigger Continue to go into the 3rd Pause state
Trigger Continue to go back to the 1st Pause state
Reset the entire SLC-3 processor
All registers are cleared
FSM is set to Halted state
The program goes into 1st Pause state
Wait for user to set the value of A from SW
Wait for Continue to be triggered
The program goes into 3rd Pause state
A XOR B result is displayed on HEX Units
Wait for Continue to be triggered to start another XOR Test
The program goes into 2nd Pause state
Wait for user to set the value of B from SW
Wait for Continue to be triggered to start Execution