

Version 2.2 Known Bugs

January 4, 2006 – When defining the range of dates for a “NO Redesign” event in the Planned Productions/Redesigns dialog box, the starting date for the no redesign period must be equal to or greater than the analysis start date. If the starting date for the no redesign period is less than the analysis start date, the entire no redesign period is ignored in the analysis.

January 4, 2006 – Compute/Results->Close All Results Windows only closes the last results window created in some cases. This bug has been fixed for the next version of MOCA.

January 6, 2006 – The confidence level analysis (Compute/Results->Run Difference Analysis) fails run if the system being analyzed contains components with obsolescence dates earlier than the analysis start date.

January 12, 2006 – If reorders are combined (Setup-> Solution Control) and the “Combine reorders (yrs)” field is zero (Setup->System Setup), the MOCA solution hangs up computing the no refresh solution. Work around: make sure that if Combine Reorders is “On” that the Combine reorders (yrs) field is greater than zero (can be 0.0001 for example).

April 3, 2006 – Exiting the MOCA tool resets the machine’s calendar to 2005. This bug has been fixed for the next version of MOCA.

May 4, 2006 – MOCA will generate an `IllegalAccessException` in the java Calendar function on startup (and fail to startup) if you have a Java Runtime Environment (JRE) that is version 1.3 or older. This bug has been fixed for the next version of MOCA.

September 14, 2006 – The re-qualification cost computed by MOCA at a design refresh has been revised so that the highest cost applicable qualification level is executed. Note 1: MOCA does not add the costs of multiple applicable qualification levels together. Note 2: the highest cost level does not have to be the “Full” qualification. This bug has been fixed for the next version of MOCA.

September 14, 2006 – The costing of bridge buys (last time buys) with buy quantities > 0 and mitigation factors > 1 has been corrected. This bug has been fixed for the next version of MOCA.

November 6, 2006 – MOCA input files generated in .csv form (see Chapter 5 of the MOCA User’s Guide) from Microsoft Access may include quotes around values. The quotes will cause problems in MOCA when the files are loaded. If you generate .csv files from Microsoft Access, you should open them in Excel and resave them prior to loading them into MOCA.

November 22, 2006 – The plot of cost as a function of time (Figure 1 in the MOCA version 2.2 user's guide) may have inaccurate bar heights when multiple events take place in the same year. This bug has been fixed for the next version of MOCA.

January 9, 2007 – The Part Synthesis Dialog box (Setup->Part Synthesis Control) fails to show the last part category defined. If no custom categories are defined when loading data, the omitted category is "Assorted". If custom categories are defined when loading data, then the last one encountered is not shown. This bug has been fixed for the next version of MOCA.

Features (advisories on how MOCA functionality works)

January 12, 2006 – The Compute/Results->Run Design Refresh at All Obsolescence functionality only inserts refreshes for obsolescence events that occur after the analysis start date. Obsolescence events occurring prior to the analysis start date are mitigated using whatever mitigation approach is assigned to the component.

November 8, 2006 – Budget constraints (entered into the Budget Constraints Dialog box, Figure 2 of the V. 2.2 Supplement) are compared directly against discounted actual life cycle cost. Therefore, the budget constraints entered by the user are assumed to be discounted to the specified discount base year.