

## Questions & Answers from the Intergraph Webinar CAESAR II Output Report Customization

May 25, 2010 (CAESAR II Version 5.20)

**Q:** These customizations are available for CAESAR II ver. 5.00 and forth, right? or just for ver. 5.20?

**A:** The "custom report" ability was incorporated into the software in Version 5.00 and is being improved/enhanced with each following version.

**Q:** how set the report window size bigger as default?

**A:** The report window is set to open to 80% of the size of the "Output Processor" Window. The size and position of the "Output Processor" window is remembered by the system. Get this sized and positioned properly, and the "child" windows should open to sufficient size.

**Q:** The output report when sent to the printer, it prints in batches but if someone wants to create a PDF, it creates separate PDF's and then one has to compile together. For example input listing, stress summary, restraint report, flange loadings. Is there any way to get one PDF file with continuous page numbers without manual compilation?

**A:** Unfortunately this is a "characteristic" of the PDF drivers.

**Q:** How to page setup (e.g., margins, page number format, etc) if export CAESAR report to MS Word?

**Q:** Is there a way to turn off the page numbers when sending a report to MS Word?

**A:** Use file "Outword.dot" located in the \caesar\system folder (on Windows XP this will be [%allusersprofile%\Application Data\COADE, Inc\CAESAR II\5.20\System]). This is an MS Word Template file. Format it any way you like; the output reports to MS Word use this template.

**Q:** Is it possible to get reports in Open Office like in MS Word? including a TOC in the beginning of the report?

**A:** Open Office has a different file format, not directly compatible with MS Word format. So, the short answer is "No".

**Q:** please show how to combine loads for support for various cases. E,g, seismic load plus thermal (plus or minus load values) with customization.

**A:** The actual setup of the load case (W+T1+P1+U1) is different from the "report customization" shown in this presentation. There are no mathematical operations performed on the data in "customized reports". So a custom report won't sum thermal plus seismic. To do that, you would need to define a load case back in the "Static Load Case Editor". Report customization just gives you the potential to view existing data, from various categories, in a variety of formats.

**Q:** Is it possible to change the order of the columns? Say Col 1 would be RX instead of DX? or Col 3 DY instead of DZ? and so on... Would dragging the column to the left or right also work? to change the order of the columns?

**A:** Yes, just specify the desired "column value" in the "column order" field, or drag the columns by their headers in the "preview" grid.

**Q:** Is the custom report stored within the CII file or separate? Export/copy to a directory or another CII file?

**A:** These are stored separately in the \System directory. There is an "import/export" feature so you can share your customizations. The custom reports can be saved to a text file (one report at a time) and then shared/moved across the computers.

**Q:** Can we reuse the custom report format in other CAESAR files?

**A:** The custom reports are not "job related". They are stored in your \system directory. The import/export being shown now is available so you can move the reports between machines or users.

**Q:** Kindly also explain how to generate a custom report for different load cases indicating axial forces and bending moment node wise in one report or tab.

**A:** That is a "summary report". You would do exactly what is being done now, but at the top you would indicate a "summary report", which would allow you to select multiple load cases for report generation.

**Q:** Can you show again how to display and change horizontal and vertical page breaks?

**A:** First, generate the desired report on screen; then use menu View -> Change Page Break. Then pick "Allow Adjustment of Page Breaks" option and check the "Show Page Break Lines" box. This is a "current report session" feature, not persistent.

**Q:** What about if I want to lined up the headers of a default report with the output. I'm talking about spring report, it looks ugly. But I don't want to save it as a new report.

**A:** The "Hanger Table" reports from "General Computed Results" section are not customizable. They are plain text formatted by white spaces. This may just be the default font selection – use the "monospaced" font type like Courier New – the black drop-down arrow next to the View button.

**Q:** Can the hanger reports be customized?

**A:** Not at the present time. This is on our "development list" though. The fields are available in the Editor to produce plain columnar report; however, this will require a lot more logic for the reports to look nice and multi-row.

**Q:** If a custom report is set-up for a project and hanger report is included, will the report still work for a file without hangers?

**A:** Yes of course.

**Q:** can you also present 3d output report?

**A:** The Output Graphics Engine is interactive and has lots of features (worth another presentation). It can be accessed from menu Options -> Graphical Output. It then can be saved as image file and added to the MS Word document or simply saved/archived with the project file.

**Q:** How to edit Project Name, Client, Analyst, & Notes for Input Echo?

**A:** For an existing C2 file, open Piping Input processor, then use menu Model -> Title. Then type in the text. I think it is limited to 60 lines. To get this data to the output, you will need to run the analysis.

You can also preset some “template” text in the file called “TITLE.HED”, located in the /caesar/System folder (where “caesar” is the path in the [%allusersprofile%\Application Data\COADE, Inc\CAESAR II\5.20\System]).

This will take effect only when you create a completely new job; existing jobs are not affected by this change.

**Q:** Is it possible to change some properties (font, color, size) to some columns (no all of them) by selecting them at once? for example: changing the color of just three columns by selecting them together and just making the change once.

**A:** Currently, the columns are edited one at a time. This is a good suggestion for improvement. Thanks.

**Q:** How did you get the last "filter" window?

**A:** Click the "Filter" option on the menu, then use the "tabs" to select the desired filter.

**Q:** is the "summary report" possible for Global element forces extended for different load cases?

**A:** Yes, any “elemental” data reports (forces, stresses, etc) can be setup to “summary” type.

**Q:** How would you highlight just a few selected cells, say a node number (30) and corresponding FY load only?

**A:** You can't selectively highlight any random cells; it is either the row or column. You can also highlight a “range” or cells (as a rectangle). All these selections can be copied and pasted to outside window.

**Q:** Is what was covered today also available in the user manual?

**A:** Yes - see Chapter 7 of the User's Guide

**Q:** The edit report template on the side does not appear by default, how do you call it up?

**A:** The “View” button shows only the report; use the “Edit” or “New” button to see the Editor.

**Q:** How to add a note to a line in the report?

**A:** You can't annotate specific lines within CAESAR II. If this is what you need, send to MS Word, then annotate there. You can use the "Titles" (menu Options -> Title Lines) to put up to 2 lines of custom headers. These will be printed on all reports, at the header area.

**Q:** Can we also bring the equation which CAESAR uses in calculating stresses in the reports in future?

**A:** No. The basic equations from the "Piping Codes" are listed in the Quick Reference Guide. However, certain terms (such as axial or torsional components) can be added based on the settings from the Configuration File.

**Q:** Is there a way to highlight values in the report with the rest of the data in a certain color...i.e. displacements greater than .25

**A:** Not at this time. This is a good suggestion for future development. You can use the Filters.

**Q:** Is there an option to change "period" to "comma" for an Excel export. This is needed for use in some countries.

**A:** The setting is available in the Control Panel -> Regional and Language Options; however, it does not always work even when working directly in MS Excel itself. This is a question to Microsoft.

**Q:** When one sends the report to MS Excel the values are placed each in a cell? or all together in one cell, row or column?

**A:** One value per cell. The custom reports are based on the Excel-like grid control.

#### **Suggestion for future presentations:**

- Off topic: Are there plans for a webinar on recommended simulations, load cases and so on? for example: what kind restraints and/or loads to apply to better simulate several conditions
- This was very helpful for reports. Could you do a webinar on the database reporting capabilities
- New topic: Database setup, utilization and reporting