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# Problem Report

**Project:** GPATS-CIC  
**Number:** 1     
**Created:** Sep 5 2017 4:47PM  
**State:** Pending Closure

**Title:** TETS RF Power Meter Table Editor Issue

**Problem:** The TETS RF Power Meter does not properly display saved table data.  
 (Robert.Giumarra) Specifically, the last value has garbage data. Also, if the user leaves a blank line at the end of the table, the panel will throw an exception when trying to save the data to the hardware.

**Analysis:** The buffer used to read back data from the hardware and populate the edit  
 (Robert.Giumarra) window was too small to contain all the data, which is why the last line was garbage. This buffer has been enlarged to properly hold the data required. Also, an exception handler was added to handle the case where a user left a blank line at the end of the table.

**Action Taken:** Software modifications committed to trunk @ revision 1595  
 (Robert.Giumarra)

**Implementation:**  
 ()

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# Problem Report

**Project:** GPATS-CIC  
**Number:** 2     
**Created:** Sep 5 2017 4:54PM  
**State:** Pending Closure

**Title:** **Altered INI file processing to allow absence of Calibration data**

**Problem:** We need to allow for absent Calibration data in the System menu so that we can deliver stations without calibration data. This will make it easier for the end user to copy in the appropriate data prior to fielding the system  
 (Robert.Giumarra)

**Analysis:** The system software sysmenu cannot handle an INI file that is missing all the calibration data as it will throw an exception. It is desirable that this be handled and an out of calibration date be reported in that case. Also remove all the calibration dates and fields from the INI files in the software repository.  
 (Robert.Giumarra)

**Action Taken:** Software modifications committed to trunk @ revision 1596  
 (Robert.Giumarra)

**Implementation:**  
 ()

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# Problem Report

**Project:** GPATS-CIC  
**Number:** 3     
**Created:** Sep 7 2017 10:37AM  
**State:** Pending Closure

**Title:** CTest is not correctly setting the "System Effective" date field

**Problem:** CTest is not correctly setting the "System Effective" date field in the  
 (Robert.Giumarra) ATS.ini file when configured as a TETS. This makes the Calibration date  
 reported by the system menu incorrect.

**Analysis:** This is related to PCR GCIC-015. The issue is not the setting of the system  
 (Robert.Giumarra) effective date, but the processing issue stated in GCIC-015

**Action Taken:** See GCIC-015  
 (Robert.Giumarra)

**Implementation:**  
 ()

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# Problem Report

**Project:** GPATS-CIC**Number:** 4

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**Created:** Sep 18 2017 10:13AM**State:** Pending Closure**Title:** VIPERT RF STIM WCEM Memory Corruption

**Problem:** The VIPERT RF STIM PAWS WCEM is causing the WRTS process to crash.  
(Kyle.Darcangelis)

**Analysis:** The RF STIM WCEM does not allocate enough memory for signal description XML string. Memory was being allocated using a sizeof function call, however during long TPS runs a heap corruption would be experienced. This would cause occasional WRTS crashes to happen. The signal description char array should be enlarged and use a static size since this function is not behaving correctly.  
(Robert.Giumarra)

**Action Taken:** Software modifications committed to trunk @ revision 1597  
(Robert.Giumarra)

**Implementation:**  
( )

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# Problem Report

**Project:** GPATS-CIC**Number:** 5

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**Created:** Sep 19 2017 3:37PM**State:** Pending Closure**Title:** Adjust code disabling polling while running CTEST**Problem:**

(Robert.Giumarra)

After discussion with the customer, it was decided to modify CTEST to stop sysmon chassis polling while CTEST is running. This was done in the past and believed to help avoid collisions on the GPIB. This mechanism needs to be adjusted so that polling stops after testing is complete rather than when the CTEST GUI is closed.

**Analysis:**

(Robert.Giumarra)

Instead of sysmon tracking the existence of the CTEST process, a better option is to look at the CTEST status field in the ATS.ini file to determine whether or not to poll the chassis

**Action Taken:**

(Robert.Giumarra)

Software modifications committed to trunk @ revision 1598

**Implementation:**

()

**Version:****Date:**

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# Problem Report

**Project:** GPATS-CIC  
**Number:** 6     
**Created:** Sep 20 2017 1:48PM  
**State:** Pending Closure

**Title:** VidTool throws exception if Power is applied prior to opening

**Problem:** VidTool throws an exception if the power supplies have already powered up the collimator prior to executing the VidTool.exe panel.  
 (Robert.Giumarra)

**Analysis:** When proceeding through the software path having power already applied, and ResetModuleInitiate() is not being called prior to talking to the collimator. This causes the SBIR VEO2.dll to try to write to a protected area. This should be corrected by adding the ResetModuleInitiate() call as is appropriate prior to calling any other VEO2.dll functions.  
 (Robert.Giumarra)

**Action Taken:** Software modifications committed to trunk @ revision 1599 and 1602  
 (Robert.Giumarra)

**Implementation:**  
 ()

**Version:**  
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# Problem Report

**Project:** GPATS-CIC  
**Number:** 7     
**Created:** Sep 21 2017 9:40AM  
**State:** Pending Closure

**Title:** Several issues detected in STEST for TETS

**Problem:** 1. If operator clicks the close button in the upper right corner to exit selftest, the selftest log file is not being added to the system logfile. 2. (Robert.Giumarra) Some tests are showing passed if the operator clicks abort in an end to end run. 3. Some minor issues in the show temperature routine for failed modules in primary and secondary chassis. 4. The initModAnal routine fails the first time, but passes afterwards. 5. Test Step DTS-12-001 intermittantly fails to measure TOOCYCLE output frequency.

**Analysis:** 1. Fix - Need to add call to EndProgram in Form\_query\_unload routine. 2. (Robert.Giumarra) Fix - Need changes to the PerformSelfTest routine. 3. Fix - There are several issues in the show temperature routine for failed modules in primary and secondary chassis that need correction. 4. Fix - Add several delays and a retry statement. 5. Fix - Changing the timing range from 20uS to 10uS, and two delays from 0.3 seconds to 0.5 seconds will correct this issue.

**Action Taken:** Software modifications committed to trunk @ revision 1600  
 (Robert.Giumarra)

**Implementation:**  
 ()

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# Problem Report

**Project:** GPATS-CIC**Number:** 8

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**Created:** Sep 22 2017 2:44PM**State:** Pending Closure**Title:** DCPS SAIS not resetting properly

**Problem:** The DCPS SAIS is not resetting the programmed voltages in the power supply when doing a reset. It is leaving the supplies programmed.  
(Robert.Giumarra)

**Analysis:** We need to explicitly write the values for reset to the supplies  
(Robert.Giumarra)

**Action Taken:** Software modifications committed to trunk @ revision 1601.  
(Robert.Giumarra)

**Implementation:**  
( )

**Version:**  
**Date:**



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# Problem Report

**Project:** GPATS-CIC  
**Number:** 9     
**Created:** Oct 5 2017 10:41AM  
**State:** Pending Closure

**Title:** TETS RF Stim Panel Crash

**Problem:** Customer is reporting the TETS RF Stim panel crashes when starting  
 (Kyle.Darcangelis)

**Analysis:** Crash error message reports that the NI Measurement Studio control design  
 (Kyle.Darcangelis) time licenses have expired. Need to refresh the design time licenses in  
 Visual Studio.

**Action Taken:** Software modifications committed to trunk @ revision 1608 and 1647  
 (Robert.Giumarra)

**Implementation:**  
 ()

**Version:**  
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# Problem Report

**Project:** GPATS-CIC  
**Number:** 10     
**Created:** Oct 5 2017 10:43AM  
**State:** Pending Closure

**Title:** TETS Rf Counter SAIS Panel About Window Issue

**Problem:** The TETS RF Counter SAIS About Window is printing garbage to the manufacturer and model code fields.  
 (Robert.Giumarra)

**Analysis:** Need to correct data hard coded in the about panel source for the RF Counter  
 (Robert.Giumarra)

**Action Taken:** Software modifications committed to trunk @ revision 1609  
 (Robert.Giumarra)

**Implementation:**  
 ()

**Version:**  
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# Problem Report

**Project:** GPATS-CIC  
**Number:** 11     
**Created:** Oct 5 2017 10:44AM  
**State:** Pending Closure

**Title:** ARB SAIS Panel User Waveform Editor Crash

**Problem:** Customer Reports that the ARB SAis Panel crashed when trying to edit a user waveform.  
 (Kyle.Darcangelis)

**Analysis:** NationalInstruments.Analysis.Standard.dll is missing from the ATs/ISS/Bin directory in the installer.  
 (Kyle.Darcangelis)

**Action Taken:** Software modifications committed to trunk @ revision 1610 and 1627  
 (Robert.Giumarra)

**Implementation:**  
 ()

**Version:**  
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# Problem Report

**Project:** GPATS-CIC**Number:** 12

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**Created:** Oct 5 2017 10:49AM**State:** Closed**Title:** DCPS SAIS Panel Reset Issue

**Problem:** Customer Reports that the DCPS SAIS Panel is not resetting the Voltage and Current parameters back to 0 when Reset All is selected.  
(Kyle.Darcangelis)

**Analysis:** This issue was identified during the VIPERT/MNG EO program. Code to fix this issue has been merged into CIC. This is a duplicate PCR. See  
(Robert.Giumarra) GCIC-008.

**Action Taken:** N/A  
(Robert.Giumarra)

**Implementation:**  
(Robert.Giumarra)

**Version:** 2.1.0.0A**Date:** Oct 11 2017 2:44PM

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# Problem Report

**Project:** GPATS-CIC**Number:** 13**Created:** Oct 5 2017 11:06AM**State:** Pending Closure**Title:** CTEST Cal Due Dates

**Problem:** Customer reports the Calibration due dates are incorrect for the ARB and DMM.  
(Kyle.Darcangelis)

**Analysis:** There is an issue in the Main.vb of CTest in handling the dates for these two instruments. The Date format used for the ARB requires correction and the DMM needs to have one year added to the parsed date.  
(Robert.Giumarra)

**Action Taken:** Software modifications committed to trunk @ revision 1611  
(Robert.Giumarra)

**Implementation:**  
( )

**Version:**  
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# Problem Report

**Project:** GPATS-CIC  
**Number:** 14     
**Created:** Oct 5 2017 11:16AM  
**State:** Pending Closure

**Title:** ARB Sais Panel Vrms Units Missing

**Problem:** Customer Reports VRms units are missing in the ARB SAIS Panel.  
 (Kyle.Darcangelis)

**Analysis:** We need to add the units in the hpe1445a.vb panel  
 (Robert.Giumarra)

**Action Taken:** Software modifications committed to trunk @ revision 1612  
 (Robert.Giumarra)

**Implementation:**  
 ()

**Version:**  
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# Problem Report

**Project:** GPATS-CIC**Number:** 15

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**Created:** Oct 5 2017 2:20PM**State:** Pending Closure**Title:** TETS CTEST Cal Date Instrument Call Outs

**Problem:** Customer Reports that the instrument Description for some of the Cal dates is printed as a "0".  
(Kyle.Darcangelis)

**Analysis:** TETS RF instruments are not being handled correctly in the CTEST Main.vb source code. These entries need to be added to the processing.  
(Robert.Giumarra)

**Action Taken:** Software modifications committed to trunk @ revision 1613  
(Robert.Giumarra)

**Implementation:**  
( )

**Version:**  
**Date:**

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# Problem Report

**Project:** GPATS-CIC  
**Number:** 16     
**Created:** Oct 9 2017 4:40PM  
**State:** Pending Closure

**Title:** Teradyne DTI version needs to be updated to V6.3

**Problem:** Teradyne has a newer version of the DTI driver. We have been loading version 6.1. We need to use version 6.3  
 (Robert.Giumarra)

**Analysis:** This software needs to be added to the COTS Installs disk, and properly documented in the STrP  
 (Robert.Giumarra)

**Action Taken:** This has been corrected in the STrP gold system build instructions, and also on the COTS Installs DVD to be prepared for release 2.0.0.0B  
 (Robert.Giumarra)

**Implementation:**  
 ()

**Version:**  
**Date:**



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# Problem Report

**Project:** GPATS-CIC**Number:** 17

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**Created:** Oct 11 2017 2:36PM**State:** Pending Closure**Title:** System Software support for TSUpload**Problem:** The TSUpload NAM does not work. The system source code must be updated to support this TPS NAM  
(Robert.Giumarra)**Analysis:** PowerShell scripts must be added to the build, and powershell software must be installed to support the scripts. Also, the Ethernet wrapper must be updated to support running the scripts. Also, the STrP and CIP disk must be altered to install the powershell software  
(Robert.Giumarra)**Action Taken:** Software modifications committed to trunk @ revision 1603, 1604, 1605, 1606, 1607 and 1645  
(Robert.Giumarra)**Implementation:**  
( )**Version:****Date:**

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# Problem Report

**Project:** GPATS-CIC**Number:** 18

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**Created:** Oct 11 2017 2:57PM**State:** Pending Closure**Title:** DMM Tool Tips

**Problem:** The DMM measurements functions do not show tool tips. These tool tips have been requested by the customer.  
(Robert.Giumarra)

**Analysis:** Need to add the appropriate "ToolTipText" for each "ToolBarButton" in the collection editor.  
(Robert.Giumarra)

**Action Taken:** Software modifications committed to trunk @ revision 1614  
(Robert.Giumarra)

**Implementation:**  
( )

**Version:****Date:**

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# Problem Report

**Project:** GPATS-CIC  
**Number:** 19     
**Created:** Oct 11 2017 4:02PM  
**State:** Pending Closure

**Title:** SAIS Toolbar EO Power

**Problem:** The first time IRWindows is opened, the operator is prompted to apply power. When he closes the IRWindows application, he is prompted to remove power...answer yes. Then, re-open IRWindows. The user is again prompted to apply power, however power will not be applied, and the timer progress bar shows time complete. So, power is not applied for IRWindows usage after the first try. If the SAIS Manager application is killed, and then re-opened, it will work again as the first time. Also, Power is not removed from the EO in the reverse order that they were applied. This is desirable.  
 (Robert.Giumarra)

**Analysis:** The timer progress bar is not being reset after power is applied. This needs to be corrected in SAISMGR toolbar application. Also, power supply removal order in the code should be changed to remove them in the reverse order of application.  
 (Robert.Giumarra)

**Action Taken:** Software modifications committed to trunk @ revision 1615  
 (Robert.Giumarra)

**Implementation:**  
 ()

**Version:**  
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# Problem Report

**Project:** GPATS-CIC**Number:** 20

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**Created:** Oct 11 2017 4:17PM**State:** Pending Closure**Title:** SysLogViewer cannot exit via file menu drop-down**Problem:** System Log Viewer application has issue when trying to close using the File Menu Exit selection  
(Robert.Giumarra)**Analysis:** Need to correct Syslog.vb to allow the form to close when clicking File Menu Exit  
(Robert.Giumarra)**Action Taken:** Software modifications committed to trunk @ revision 1616  
(Robert.Giumarra)**Implementation:**  
( )**Version:****Date:**

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# Problem Report

**Project:** GPATS-CIC**Number:** 21

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**Created:** Oct 11 2017 4:23PM**State:** Pending Closure**Title:** FHDB export folder selection

**Problem:** FHDB export does not allow selection of folder C\User\Documents. This should be added to the allowable paths for FHDB export  
(Robert.Giumarra)

**Analysis:** Need to allow FHDB export access to the requested directory. These are hard coded paths in the source code.  
(Robert.Giumarra)

**Action Taken:** Software modifications committed to trunk @ revision 1617  
(Robert.Giumarra)

**Implementation:**  
( )

**Version:****Date:**

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# Problem Report

**Project:** GPATS-CIC**Number:** 22

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**Created:** Oct 11 2017 5:37PM**State:** Pending Closure**Title:** Self Test Timer Window Issue**Problem:**

(Robert.Giumarra)

When observing the warmup menus on the system, it was noted that the minutes roll on over at 30 second and not 0 second. The time elapse is still one minute interval but minute will change at when the countdown reach the 30 second mark. Also the once you click on show details on the menus the countdown will remain behind the main menu and the user cannot see it.

**Analysis:**

(Robert.Giumarra)

Need to correct form display and timer arithmetic in STest\_bas.vb for both the TETS and VIPER configurations. Also, other module changes required to properly handle the timer.

**Action Taken:**

(Robert.Giumarra)

Software modifications committed to trunk @ revision 1619

**Implementation:**

()

**Version:****Date:**

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# Problem Report

**Project:** GPATS-CIC

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**Created:** Oct 11 2017 5:39PM

**State:** Pending Closure

**Title:** Vidtool operation corrections/enhancements

**Problem:**

(Robert.Giumarra)

The following corrections/enhancements has been requested by the customer: 1. When Visible tab is selected the beam splitter is in the line of sight 2. Radiance setting allows alpha chars but cannot handle them 3. Delta-T setting allows alpha chars but cannot handle them 4. Laser Trigger setting does not always get set to the requested value 5. Status bar message does not always reset, sometimes showing message from last operation even though it has completed 6. Power button not updated if user selects "NO" (If user selects NO, the button then shows "Power OFF" even though power is off) 7. Power LEDs should show illuminated if power is applied, and not wait the three minutes first 8. VidTool LARRs Polarization Angle always reports 0

**Analysis:**

(Robert.Giumarra)

Multiple corrections need to be made to the VidTool source to affect the required changes

**Action Taken:**

(Robert.Giumarra)

Software modifications committed to trunk @ revision 1618

**Implementation:**

( )

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# Problem Report

**Project:** GPATS-CIC**Number:** 24

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**Created:** Oct 11 2017 6:21PM**State:** Pending Closure**Title:** Sysmenu Does Not Allow \*.xml or \*.SGM IETMS**Problem:** SYSMENU Does not find \*.xml or \*.SGM IETMS.  
(Robert.Giumarra)**Analysis:** This is outside the contractual scope. Nevertheless, this may be corrected by looking for these file extensions. Code changes required in syspanl.vb and main.vb in the sysmenu project  
(Robert.Giumarra)**Action Taken:** Software modifications committed to trunk @ revision 1620  
(Robert.Giumarra)**Implementation:**  
( )**Version:**  
**Date:**



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# Problem Report

**Project:** GPATS-CIC**Number:** 25

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**Created:** Oct 13 2017 2:02PM**State:** Pending Closure

**Title:** Correct paths for device and switch build batch

**Problem:** The Bld\_ddb\_sdb.bat batch file used to build the Device/Switch/Lex have paths that require PAWS installation to be present on build machine. The paths should actually reference the source code directory structure instead.  
(Robert.Giumarra)

**Analysis:** Will need to update hte Bld\_ddb\_sdb.bat file to correctly utilize source code versions of files.  
(Robert.Giumarra)

**Action Taken:** Software modifications committed to trunk @ revision 1621  
(Robert.Giumarra)

**Implementation:**  
( )

**Version:****Date:**

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# Problem Report

**Project:** GPATS-CIC**Number:** 26

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**Created:** Oct 16 2017 10:11AM**State:** Pending Closure**Title:** Hardware and Setup instructinos on TETS show VIPER/T**Problem:** The System Menu buttons for Inventory and the Setup Instructions on a TETS system display the VIPER/T files.  
(Robert.Giumarra)**Analysis:** The subroutines for the System Menu buttons are checking system type, however they are not correctly retrieving the proper string from the INI file.  
(Robert.Giumarra) This also needs to be fixed for the system monitor 10 second button**Action Taken:** Software modifications committed to trunk @ revision 1622 and 1623  
(Robert.Giumarra)**Implementation:**  
( )**Version:****Date:**

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# Problem Report

**Project:** GPATS-CIC  
**Number:** 27     
**Created:** Oct 16 2017 4:19PM  
**State:** Pending Closure

**Title:** Add help file for E1412A DMM

**Problem:** Help file for legacy TETS DMM is needed. Currently it shows the Ri4152A manual  
 (Robert.Giumarra)

**Analysis:** Download and use legacy manual for the DMM help when running on TETS as determined by reading the ini file.  
 (Robert.Giumarra)

**Action Taken:** Software modifications committed to trunk @ revision 1625  
 (Robert.Giumarra)

**Implementation:**  
 ()

**Version:**  
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# Problem Report

**Project:** GPATS-CIC  
**Number:** 28     
**Created:** Oct 17 2017 10:17AM  
**State:** Pending Closure

**Title:** Correct S9XX labels on switch SAIS

**Problem:** The switch SAIS has the 900 series switches labeled as starting at S900 and going to S901. They should be S901 through S906  
 (Robert.Giumarra)

**Analysis:** Need to correct the labels in the SAIS. Also need to fix switch closure commands for the series 9XX switches. All switch closures are operating on the same S901 switch  
 (Robert.Giumarra)

**Action Taken:** Software modifications committed to trunk @ revision 1626 and 1646  
 (Robert.Giumarra)

**Implementation:**  
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**Version:**  
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# Problem Report

**Project:** GPATS-CIC**Number:** 29**Created:** Oct 17 2017 10:48AM**State:** Pending Closure**Title:** Arb panel sweep control issue

**Problem:** The arb panel has several issues: 1. The down arrow does not function for sweep duration 2. The arrow buttons for sweep count controls the number of steps 3. The arrow buttons for number of steps controls the sweep count

(Robert.Giumarra)

**Analysis:** Need to reassign the events to the arrow buttons to correct this issue

(Robert.Giumarra)

**Action Taken:** Software modifications committed to trunk @ revision 1628

(Robert.Giumarra)

**Implementation:**

( )

**Version:****Date:**

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# Problem Report

**Project:** GPATS-CIC**Number:** 30**Created:** Oct 17 2017 11:16AM**State:** Pending Closure

**Title:** BUSIO panel max time and receive length

**Problem:** The BUS IO panel does not restrict the max time for the CAN bus, and also does not restrict the receive length to 1000  
(Robert.Giumarra)

**Analysis:** The BUS IO panel needs to be altered to restrict the MAX time of the CAN bus to 20 seconds, and restrict the receive length fields to 1000  
(Robert.Giumarra)

**Action Taken:** Software modifications committed to trunk @ revision 1629 and 1635  
(Robert.Giumarra)

**Implementation:**  
( )

**Version:****Date:**

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# Problem Report

**Project:** GPATS-CIC**Number:** 31

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**Created:** Oct 17 2017 11:32AM**State:** Pending Closure**Title:** DSO Stop Level buttons

**Problem:** There are no buttons for the stop level voltage and percentage  
(Robert.Giumarra)

**Analysis:** We should add these buttons to the panel. The buttons for start source  
(Robert.Giumarra) should always mirror the selection for stop source, and vice versa

**Action Taken:** Software modifications committed to trunk @ revision 1630  
(Robert.Giumarra)

**Implementation:**  
( )

**Version:****Date:**

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# Problem Report

**Project:** GPATS-CIC

**Number:** 32

**Created:** Oct 17 2017 1:53PM

**State:** Pending Closure

**Title:** DCPS Load from file does not work

**Problem:** This function does not work. It also did not work in the legacy GFI  
(Robert.Giumarra)

**Analysis:** This functionality can be corrected. The settings are being saved in the file,  
(Robert.Giumarra) but they are not being applied after loading tot he DCPS panel.

**Action Taken:** Software modifications committed to trunk @ revision 1631  
(Robert.Giumarra)

**Implementation:**  
( )

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# Problem Report

**Project:** GPATS-CIC**Number:** 33**Created:** Oct 17 2017 2:59PM**State:** Pending Closure**Title:** Arb SAIS creates Triangle wave when requesting Ramp

**Problem:** The Ramp button creates a Triangle wave. Identical to using the Triangle button.  
(Robert.Giumarra)

**Analysis:** When clicking the Ramp button, the case statement is hitting the Triangle routine in the source code. Need to correct the case statement processing.  
(Robert.Giumarra)

**Action Taken:** Software modifications committed to trunk @ revision 1632  
(Robert.Giumarra)

**Implementation:**  
( )

**Version:**  
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# Problem Report

**Project:** GPATS-CIC**Number:** 34**Created:** Oct 17 2017 3:02PM**State:** Pending Closure**Title:** Trigger values on the Arb panel not correct**Problem:** The trigger range values for the Arb panel are not correct.  
(Robert.Giumarra)**Analysis:** Currently the values go from 1pV to 10.2375. The values should go from  
-10.2375 to +10.2375  
(Robert.Giumarra)**Action Taken:** Software modifications committed to trunk @ revision 1633  
(Robert.Giumarra)**Implementation:**  
( )**Version:****Date:**

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# Problem Report

**Project:** GPATS-CIC  
**Number:** 35     
**Created:** Oct 18 2017 10:49AM  
**State:** Pending Closure

**Title:** SerialNam is not working

**Problem:** Serialnam is causing the CICL to crash  
 (Kyle.Darcangelis)

**Analysis:** There are nomenclature and permissions issues in the serial wrapper. These  
 (Robert.Giumarra) issues were corrected in the VIPER/T MNG system software. Need to  
 merge MNG serial atxml wrapper changes into CIC system software

**Action Taken:** Software modifications committed to trunk @ revision 1634  
 (Robert.Giumarra)

**Implementation:**  
 ()

**Version:**  
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# Problem Report

**Project:** GPATS-CIC**Number:** 36**Created:** Oct 18 2017 2:15PM**State:** Pending Closure**Title:** TETS RF MEAS SAIS Panel Detector Cal issue

**Problem:** Customer reports that the TETS RF MEAS SAIS panel is not reporting the status of the detector calibration.  
(Kyle.Darcangelis)

**Analysis:** The panel is not reporting and updating the status reported in the displayed text field appropriately.  
(Robert.Giumarra)

**Action Taken:** Software modifications committed to trunk @ revision 1636  
(Robert.Giumarra)

**Implementation:**  
( )

**Version:**  
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# Problem Report

**Project:** GPATS-CIC**Number:** 37

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**Created:** Oct 18 2017 2:33PM**State:** Pending Closure**Title:** VIPERT RFMEAS SAIS Panel External Trigger Level Issue

**Problem:** Customer Reports that the VIPERT RFMEAS SAIS Panel does not display a units box when attempting to enter a trigger level.  
(Kyle.Darcangelis)

**Analysis:** This is identical to the legacy GFI. Nevertheless, it is relatively simple to add the units to this control.  
(Robert.Giumarra)

**Action Taken:** Software modifications committed to trunk @ revision 1637  
(Robert.Giumarra)

**Implementation:**  
( )

**Version:**  
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# Problem Report

**Project:** GPATS-CIC**Number:** 38**Created:** Oct 19 2017 2:36PM**State:** Pending Closure**Title:** DMM SAIS Panel Button Label issue**Problem:** The DC Volts Ratio button is being incorrectly label as "DC RMS Volts".  
(Kyle.Darcangelis)**Analysis:** The button is incorrectly labeled, and the tool tip text is incorrect also. "DC RMS Volts" should be "DC Voltage Ratio"  
(Robert.Giumarra)**Action Taken:** Software modifications committed to trunk @ revision 1638  
(Robert.Giumarra)**Implementation:**  
( )**Version:**  
**Date:**

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# Problem Report

**Project:** GPATS-CIC  
**Number:** 39     
**Created:** Oct 23 2017 10:51AM  
**State:** Pending Closure

**Title:** DCPS Sais Panel Reset Issue

**Problem:** After loading a saved DCPS SAIS panel configuration file, the individual reset instrument button does not work.  
 (Kyle.Darcangelis)

**Analysis:** When the DCPS SAIS loads a saved configuration, the single supply reset doesn't work because that routine is not checking which supply is actually applied. The "cmdResetSingle\_Click" event routine needs to check which supply is active prior to sending the appropriate reset command.  
 (Robert.Giumarra)

**Action Taken:** Software modifications committed to trunk @ revision 1639  
 (Robert.Giumarra)

**Implementation:**  
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**Version:**  
**Date:**

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# Problem Report

**Project:** GPATS-CIC**Number:** 40

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**Created:** Oct 23 2017 10:53AM**State:** Pending Closure

**Title:** TETS RFMEASN Sais Panel Sometime Throws an Exception on Startup

**Problem:** The TETS RFMEASN Panel sometime throws an exception when opened.  
(Robert.Giumarra)

**Analysis:** This exception happens when routine "ConfigGetCurrent" determines "Live Mode"...the actual reported exception is not an issue, but it needs to be handled. There was an effort to handle it in the code, but the "Catch" statement is misplaced. This needs to be corrected.  
(Robert.Giumarra)

**Action Taken:** Software modifications committed to trunk @ revision 1640  
(Robert.Giumarra)

**Implementation:**  
( )

**Version:**  
**Date:**



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# Problem Report

**Project:** GPATS-CIC  
**Number:** 41     
**Created:** Oct 23 2017 10:54AM  
**State:** Pending Closure

**Title:** OSCOPE SAIS Panel Leaving an Error Status on SCOPE when closing panel.

**Problem:** The SCOPE Panel is sending incorrect commands to the instrument when closing the panel via the "x" button.  
 (Kyle.Darcangelis)

**Analysis:** Command being sent to the DSO during the form close event are not correct. Need to correct this command.  
 (Robert.Giumarra)

**Action Taken:** Software modifications committed to trunk @ revision 1641  
 (Robert.Giumarra)

**Implementation:**  
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**Version:**  
**Date:**

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# Problem Report

**Project:** GPATS-CIC  
**Number:** 42     
**Created:** Oct 23 2017 1:48PM  
**State:** Pending Closure

**Title:** DSO SAIS Panel No Help

**Problem:** DSO SAIS Panel does not show a help file when clicked.  
 (Kyle.Darcangelis)

**Analysis:** There was is no help button, only a picture showing signal characteristics.  
 (Robert.Giumarra) This is exactly how the help was on the legacy VIPER/T and TETS. To provide a help manual, we would need to add the actual DSO PDF user manual, as well as making a button to launch it.

**Action Taken:** Software modifications committed to trunk @ revision 1642  
 (Robert.Giumarra)

**Implementation:**  
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**Version:**  
**Date:**

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# Problem Report

**Project:** GPATS-CIC**Number:** 43

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**Created:** Oct 23 2017 2:03PM**State:** Pending Closure**Title:** RFMS Server Error Messages are Incorrect

**Problem:** RFMS Server Error message when setting the RF Counter Timeout reports and incorrect range value. (reports 1-60, should be 1-1000).  
(Kyle.Darcangelis)

**Analysis:** Hard coded messages have some typos. These need to be looked at and corrected  
(Robert.Giumarra)

**Action Taken:** Software modifications committed to trunk @ revision 1643 and 1644  
(Robert.Giumarra)

**Implementation:**  
( )

**Version:**  
**Date:**

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# Problem Report

**Project:** GPATS-CIC**Number:** 44

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**Created:** Oct 26 2017 3:20PM**State:** Pending Closure

## FG Help and About Discrimination

**Title:****Problem:**

(Robert.Giumarra)

The function generator about button reports 3152 on a VIPER/T (should be 3152A). Also, the TETS system help button will display a 3152A user manual. This should be the 3152 manual.

**Analysis:**

(Robert.Giumarra)

Need to check station configuration in the ini file, and use that information to show appropriate user guide and report appropriate model information.

**Action Taken:**

(Robert.Giumarra)

Software modifications committed to trunk @ revision 1648

**Implementation:**

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**Version:****Date:**

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# Problem Report

**Project:** GPATS-CIC

**Number:** 45

**Created:** Oct 27 2017 11:23AM

**State:** Pending Closure

**Title:** **Function Generator trigger delay spin button malfunction**

**Problem:** The trigger delay spin buttons do not work correctly  
(Robert.Giumarra)

**Analysis:** The spin up and spin down event handlers are erroneously calling the  
"SetMaxTrigDelay" and the "CheckTriggerDelay" functions  
(Robert.Giumarra)

**Action Taken:** Software modifications committed to trunk @ revision 1649  
(Robert.Giumarra)

**Implementation:**  
( )

**Version:**

**Date:**