



Software for Automated Testing of Mission-Control Displays

MCC Display Cert Tool is a set of software tools for automated testing of computer-terminal displays in spacecraft mission-control centers, including those of the space shuttle and the International Space Station. This software makes it possible to per-

form tests that are more thorough, take less time, and are less likely to lead to erroneous results, relative to tests performed manually. This software enables comparison of two sets of displays to report command and telemetry differences, generates test scripts for verifying telemetry and commands, and generates a documentary record containing display information, including version and corrective-maintenance data. At the

time of reporting the information for this article, work was continuing to add a capability for validation of display parameters against a reconfiguration file.

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