Appendix B: Status and Error Messages

This appendix describes the status and error messages that appear on the CTS850 display. Status messages are statements about actions the CTS850 has completed. Status messages appear during normal operation. Error messages are statements about actions the CTS850 was unable to complete. Error messages appear when the CTS850 is unable to perform a requested action.

Status Messages

Autoscan complete. The CTS850 has successfully completed the Autoscan sequence.

Burst pointer movement transmitted. The POINTER ACTION button was pressed with the Pointer Control set to Burst.

Disk root directory read. The CTS850 has successfully read the disk directory.

Factory settings restored, non-volatile settings cleared. This message appears when the instrument is turned on after it was turned off during a state change. The instrument settings were corrupted during the shutdown and so the factory default settings were loaded at turn-on and all information stored in RAM was cleared.

File has been deleted. The CTS850 has successfully deleted the selected file.

Hardcopy complete. The CTS850 has successfully completed a printout.

Instrument factory reset complete. The recall of default factory settings, from the RECALL INSTRUMENT SETUPS page, was completed successfully.

Instrument returned to previous setup. This message appears if you select Cancel while an Autoscan is in progress.

Instrument setup for received signal. The CTS850 has completed an Autoscan and has changed its settings to match those of the received signal.

Internal diagnostics completed. An instrument self test has been initiated and completed successfully.

No Setup file with '.SET' extension found. You selected the Disk action on the RECALL INSTRUMENT SETUPS page and no instrument setup files were found on the disk.

Previous power down instrument state restored. This message appears when the CTS850 turns on. It means that the settings in effect when the CTS850 was last turned off have been successfully restored.

Reading disk.... The CTS850 is reading the disk directory.

Recall of instrument setup complete. This message confirms that the recall of an instrument setup was successfully completed.

Recall of measurement results/histories complete. The CTS850 has successfully recalled the selected results from disk.

Recall of pass/fail test complete. The CTS850 has successfully recalled the selected pass/fail test from disk.

Save of instrument setup complete. This message confirms that an instrument setup was successfully written to disk.

Save of measurement results/histories complete. The CTS850 has successfully saved test results to disk.

Save of pass/fail test complete. The CTS850 has successfully saved the pass/fail test to disk.

Single pointer movement transmitted. You pressed the POINTER ACTION button with the Pointer Control set to Single.

Test restarted due to change in receiver settings. You changed the receive settings while a test was running. When any settings are changed, a running test is restarted.

Transmit rate change complete. The CTS850 has successfully changed transmit rate. This message can occur when an instrument setup file is recalled from disk.

Error Messages

Alarm generation invalid while in through mode. You attempted to transmit an alarm while the CTS850 was in Through Mode. Transmit settings cannot be changed while the transmit rate is set to Through Mode.

Autoscan already in progress. You pressed the Autoscan front-panel button while an Autoscan was in progress.

Button disabled in edit mode. You pressed a front-panel button while the CTS850 was in edit mode. You must exit edit mode before you can use the front-panel buttons.

Button disabled when dialog box is displayed. You pressed a front-panel button while a dialog box (for example, PRINT CONTROL) was displayed. Some front-panel buttons are disabled while a dialog box is displayed. Exit the dialog box to enable all the front-panel buttons.

Can not insert tributary error/alarm while adding external signal. An attempt was made to insert a PDH error or alarm while adding an external signal.

Could not create disk file. The CTS850 was unable to create a file on the disk. Try saving the file on a different disk.

Could not delete file. You attempted to a delete a file and a disk error occurred that prevented the CTS850 from deleting the file. The file is probably corrupted, though you might be able to fix the problem with an MS-DOS disk recovery program.

Could not open disk file. The CTS850 has attempted to read a file from disk and was unable to do so. The file is probably corrupted, though you might be able to recover the file using an MS-DOS file recovery program.

Could not read disk's root directory. The CTS850 was unable to read the disk directory. The disk directory is probably corrupted, though you might be able to recover files from the disk with an MS-DOS disk recovery utility.

Diagnostics invalid while disk or autoscan busy. You tried to run Self Test diagnostics while accessing the disk or completing an Autoscan. Wait until disk access is complete or the Autoscan is complete before running a self test routine.

Disk file too large for memory buffer, truncated. You recalled a file and it was too large to load into memory. This can occur if an instrument settings file is recalled that has been edited on a PC and the edited file is larger than the original file.

Disk has changed, operation aborted. You attempted to recall a disk file and the disk has been changed since the directory was read. Reinsert the original disk and recall the file again.

Disk is busy. You tried to save a file to disk while the disk was active. Wait until the disk activity light turns off and save to disk again.

Disk is full. You tried to save a file to disk and there is not enough room on the disk for the file. Insert a disk with space available and save the file again.

Disk not present in drive. You tried to save a file to disk, but no disk is in the drive. Insert a formatted disk and save the file again.

Disk is write-protected, cannot write to file. You tried to save a file to a disk that is write-protected.

Disk operation failed. A disk error occurred while reading or writing to the disk. If you were trying to save a file to disk, save the file to a different disk. If you were trying to read a file from disk, you might be able to recover the file using an MS-DOS disk recovery program.

Error insertion disabled while in Through Mode. You pressed the INSERT ERROR button while the CTS850 was in Through Mode. You cannot insert errors while the CTS850 is in Through Mode because the transmit signal must match the received signal.

Errors in test recall, test not loaded. The CTS850 encountered disk errors while recalling a pass/fail test and the operation was aborted. You might be able to recover the file with an MS-DOS disk recovery program.

Extra data in history file ignored. You recalled a history file that contains extra data. This can occur if the history file has been edited with a file editor and the edited file contains inappropriate information.

Failure generation invalid while in through mode. You attempted to transmit a failure while the CTS850 was in Through Mode. Transmit settings cannot be changed while the transmit rate is set to Through Mode.

File name required. You entered a name for an instrument setup, a pass/fail test, or a results file and then you removed the name by selecting Clear. This message is just a reminder that a name must be

entered for the file to be saved to disk; that is, there is no default file name.

Filename not found. This message appears if the disk was swapped after the directory was read and you attempted to recall a file. Insert the original disk and recall the file again.

File not read. A disk error occurred while reading a file. The file is probably corrupted, though you might be able to recover the file with an MS-DOS disk recovery program.

Frequency offset disabled with current transmit clock. You attempted to change from Pointer/Timing Mode to Frequency Offset while the transmit clock was set to External. Frequency Offset can be selected only when the transmit clock is set to Internal or Recovered.

Hardcopy already in progress. You tried to start a printout while a printout was already in progress. Wait until the current printout completes and then select Print again.

Instrument unable to drop signal while transmitting current rate. You attempted to turn on tributary drop while the transmit rate was set to a PDH rate. Because the PDH transmit connector and tributary drop connector are the same connector, you cannot transmit a PDH signal and drop a PDH signal at the same time.

Internal diagnostics failed. A malfunction has occurred that requires servicing. Contact a Tektronix representative for assistance.

Internal Error N: Contact Tektronix Service. A hardware malfunction has occurred that requires servicing. Contact a Tektronix representative for assistance.

Internal format of file incorrect; file not read. You recalled a file that does not contain data in the correct format. This occurs when a file is recalled that happens to have the same extension as the type of CTS850 file being recalled, but it is not a CTS850 file.

Invalid history data format in file. You recalled a file that does not contain data in the correct format. This occurs when a file is recalled that happens to have the correct extension for a history file (and thus shows up on the RECALL RESULTS page) even though it is not a CTS850 history file.

Loss of added signal. You have selected an externally generated tributary signal, but no valid signal is present.

Loss of external clock. You have selected an external clock source that does not have a valid clock source attached.

Measurements are running, recall not allowed. You tried to recall instrument setups from memory or disk while a test is running. Wait until the test is completed and then recall the file.

Measurements are running, results cannot be saved. You attempted to save results to disk while a test was running. Wait until the test is completed and then save the results to disk.

No Result file with '.RES' extension found. This message appears when you select Disk (on the RECALL RESULTS page) but the disk does not contain any results files.

Not available without tributary option. The requested action requires that the Add/Drop/Test tributary option be installed.

No Test file with '.TST' extension found. This message appears when you select Disk (on the RECALL PASS/FAIL TESTS page) but the disk does not contain any pass/fail test files.

Numeric value greater than maximum limit. You attempted to enter a numeric value larger than the maximum value.

Numeric value less than minimum limit. You attempted to enter a numeric value smaller than the minimum value.

Operation invalid while a test is running. You tried to perform an action that cannot be completed while a test is running. For example, this message would appear if you attempted to recall instrument settings while a test is running.

Optical power has been overloaded. You have connected an optical signal that has saturated the CTS850 optical receiver.

Pointer burst active, request ignored. You pressed the POINTER ACTION button while a pointer burst movement was occurring.

Pointer movements disabled while in Through Mode. You pressed the POINTER ACTION button while the CTS850 was in Through Mode. Pointer movements are not allowed while the CTS850 is in Through Mode because the transmit signal must match the received signal.

Root directory is full. You tried to save a file to disk but the directory shows that the disk is full. Insert a disk with space available and save the file again.

Through Mode invalid while receiving a tributary signal. You attempted to change the transmit rate to Through Mode while a test was running at a tributary rate. Any change in settings would invalidate the test, so no change was made.

Unexpected End Of File, file not read. You tried to recall an instrument setup file, a pass/fail file, or a history file and a disk error occurred. The file is corrupted and cannot be recovered.

Warning: No received signal currently identified. You started a test while there was no received signal.

Write Failure on Disk. The CTS850 was unable to write to the disk. Try saving the file on a different disk.

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