AutoMARK Technical Staff Error Messages

NOTE: Error messages are system alerts intended primarily for Poll Workers. They will not follow federal guidelines for text size or AT accessibility. They may, however, appear during the technical preparation of the AutoMARK.

Error messages are displayed on the touch screen monitor when AutoMARK VAT detects a critical condition that requires operator intervention to correct the problem before the selection process can be continued.

The international symbol may accompany various error messages. These messages may or may not be translated into the voter's native language.

For example:

Any of the Error conditions listed below may result in an unstable system. If an unrecoverable error message exists on the screen or the system is exhibiting unstable behavior use the following method to restart the system.

1. Make sure that you have election judges/ pollworkers from both parties present.
2. Turn the keyswitch to the off position.
3. Press the OK button on the message box (if there is one).
4. If the system does not power off within 5 to 10 seconds, try pressing the okay button again if it is still on the screen.

NOTE: The system may take up to 30 seconds to turn off.

5. After the system has powered off, turn the keyswitch ON again.
6. The system will reboot. If there is a ballot in the VAT, it will be ejected, and any voting sessions that were in progress will have to be restarted.

NOTE: if the ballot was being marked when the error occurred, a security cover should be placed over the ballot as it comes out, the ballot should be spoiled, and the voter should be given a new blank ballot.

The following table contains a list of error messages that may be displayed, the probable causes and resolutions.

Error Messages

Error Message/ Description	Probable Cause	Solution
ERROR – PAPER MISFEED	Ballot was inserted incorrectly and the AutoMARK paper feed mechanism was not able to align the ballot for scanning operations.	1. Open the top panel or the rear clean out panel. 2. Remove the ballot. 3. If the ballot is not damaged, re-insert the ballot correctly.
ERROR – PAPER JAM	Paper ballot was inserted correctly, but the AutoMARK VAT tractor feed mechanism cannot move ballot into the next position.	1. Open the top panel or the rear clean out panel. 2. Remove the ballot. 3. If the ballot is not damaged, re-insert the ballot correctly.
ERROR – Ballot Has Not Been Recognized	System is unable to read election information programmed and/or stored on the compact flash memory card (FMC).	1. Shutdown AutoMARK VAT. 2. Remove compact FMC. 3. Reprogram FMC with correct data. 4. Touch the key switch with one hand to discharge any static build-up 5. Insert FMC in AutoMARK VAT. 6. Start the AutoMARK VAT. Note: If the FMC allows for manually ID ballot, the voter will be allowed to select a ballot format if the AutoMARK VAT does not recognize the ballot upon insertion.

Error Messages *(continued)*

Error Message/ Description	Probable Cause	Solution
General Error -Examples include *Argument Out of Range Exception* and *Null Reference Exception*.	Probable cause is an error in the software or a low memory condition.	1. Make sure that you have election judges/ pollworkers from both parties present. 2. Turn the keyswitch to the off position. 3. Press the OK button on the message box (if there is one). 4. If the system does not power off within 5 to 10 seconds, try pressing the okay button again if it is still on the screen. (Note: the system may take up to 30 seconds to turn off.) 5. After the system has powered off, turn the keyswitch ON again. 6. The system will reboot. If there is a ballot in the VAT, it will be ejected, and any voting sessions that were in progress will have to be restarted. If the ballot was being marked when the error occurred, a security cover should be placed over the ballot as it comes out, the ballot should be spoiled, and the voter should be given a new blank ballot.
Alert! A problem has occurred. Please notify an election official. There was an error while printing.	• Ink cartridge is empty or not depositing ink properly. • The printer of the VAT is not calibrated. • There is a paper jam	1. Make sure ink cartridge is functioning properly and is not out of ink. Replace ink cartridge if needed. 2. Ensure that the unit is calibrated correctly for printing. Refer to the Calibrate the Printer heading in the *AutoMARK Jurisdiction Procedures Guide*. 3. If the ballot has not already been ejected, turn the key to TEST mode to eject the ballot. Spoil the ballot and provide a new ballot to the voter. 4. If there a paper jam, follow the instructions under the Clear a Paper Jame heading in the *AutoMARK Jurisdiction Procedures Guide*.

Error Messages

Area	Error Message/ Description	Probable Cause	Solution
Startup	`Waiting for Flash Card to become available... (this may take 30 seconds or more)"`	There is either no flashcard inserted or the inserted flashcard is not complying with the export format. Another cause for this in DV2.0 machines is that the system was not powered up properly and the compact flash card reader was not enumerated properly.	Turn the system off, wait for 15 solid seconds with the system off, and then turn the system on again. If the problem keeps repeating, then try a different compact flash card or have the machine serviced.
Startup	`There are no ballots on the Flash Card and file read error is seen. Turn OFF the machine and check if a valid Flash Card is present.`	The Automark VAT library was not able to import the ballots. There are no ballots available for the GUI to process.	Try a different compact flash card.

Startup	`AutoMARK Datafile Read Error.`
	`Message : <system err. Msg>`
	`Filename: <impacted file>`
	`Please power-off the system and replace the flash card.`
	`Touch the OK button after you have turned the keyswitch to the OFF position.`
		There is either a missing data file or a data file is not formatted right.	Try turning the system off, waiting for 15 solid seconds with the system off, and then turn the system on again. If the problem keeps repeating, then try a different compact flash card or have the machine serviced.

Error Messages *(continued)*

Area	Error Message/ Description	Probable Cause	Solution
Startup	**Alert! A problem has occurred. Please notify an election official.** **Files have been tampered with or wrong access code!**	The system detected that the flashcard data has been tampered and is not the original data that was exported. An additional cause could be that the pin code that was entered in the unlock screen was not the correct pin code for this particular set of data.	Make sure the pin code is correct. See earlier instructions for unlocking the compact flash card. If possible, get a new compact flash card or data set.
Startup	`Scanners have not been Calibrated.`	The system has detected that there is something wrong with the factory calibration of the ballot scanners or something is obstructing the scanners.	Make sure there is no ballot or paper located in the VAT. If the problem persists, a scanner calibration has to be performed by qualified service personnel. See Section 15 of the System Installation and Maintenance Guide AQS-14-5010-001-F.
Startup (Win XP)	`The ballot could not be loaded.`	The system was not able to load the ballot that the user attempted to preview.	Restart the computer.
Scanning	`File read error.` `<Error number>`	Displayed when a file error occurred during the scanning process.	Turn the system off, wait for 15 solid seconds with the system off, and then turn the system on again. If the problem keeps repeating, then try a different compact flash card or have the machine serviced.
Scanning	`Unknown scanner event` `<event code>`	This message and the displayed event code should be reported to the Automark customer service team.	This message and the displayed event code should be reported to the Automark customer service team.

Error Messages *(continued)*

Area	Error Message/ Description	Probable Cause	Solution
Flash Card	`The Flash Card has been removed. Turn OFF the machine and insert a valid Flash Card.`	System detected that the flash card was removed or tampered with.	Turn the key switch to the off position. (Touch the key switch with one hand to discharge any static build-up.) Replace the compact flash card, if necessary, and then turn the key switch to the ON position.

Operation Log (System Log File)

The Operation Log is used to view all significant operations that have occurred on the machine. The log entries are stored in a circular buffer on the flash card which will hold the most recent 277,777 entries.

The Operation Log information is stored on the Flash Card. If you insert a different flash card from the original one in the system, the data contained in the Operation log will also change. Before using a flash card on a different system, be sure to erase the entire contents of the flash card so that system-oriented files, such as the Operation Log information, are deleted.

NOTE: The Poll ID is not included in the Operation Log when all ballot styles are included on the card. If required by your jurisdiction, manual procedures can supplement the audit log to indicate from which polling place the specific audit log came.

Take the following steps to print the Operation Log.

1. Enter the Test Mode screen by turning the key switch to **Test**.
2. The **AutoMARK Main Menu** Screen will display
3. Press the **Operations Log** button. A text box with the operations log inside it displays.

NOTE: The Operations Log does not contain entries related to the printing of the log.

4. Press the **Up** button to scroll one screen up, or press the **Down** button to scroll one screen down. Or, you can advance the display to show a particular page by touching the text box under “Go to page:”. A number keypad appear. Press the numbers for the page you wish to display.
5. To print this log on completely blank ballot stock paper, press the **Print** button. The screen displays *Insert blank paper.* (Ballot stock is between 80 and 110 pound index stock. Ballot stock is slightly heavier than normal paper and less likely to jam.)
6. Insert a sheet of completely blank ballot stock paper.
7. After inserting the paper, the machine automatically begins printing the operation log, 66 lines per page. If there are more than 132 entries in the operation log, you will need several pages.
8. After the page has been ejected from the machine, if the message *insert another blank sheet of paper* appears, insert another page. Repeat this process until the message *printing done* appears.

NOTE: If the message “Print Failure” appears, there is paper still in the VAT, and you are unable to exit the screen, turn the key to OFF, then turn the key to TEST. This will eject the page on which the print failure occured.

9. Exit Test Mode by turning the key switch.

The following is a list of possible Operation Log entries:

System Powered On

Serial Number xxxxxx Build xxx

This entry indicates the system was powered on, and gives the Serial Number and Build number.

System Shutdown OK

This entry indicates the system was shut down using the key switch.

Keyswitch Test Mode

This entry indicates the key switch was used to enter test mode.

Keyswitch Run Mode

This entry indicates the key switch was used to enter run mode.

Hour Print Report

Total Printed: XXX

This entry is added when the machine is booted and once per hour during normal operation. It lists the total number of ballots printed on the VAT (lifetime count).

Printer Calibration

X=XXX
Y=XXX
Angle=XXX

This entry indicates that the printer has been calibrated through the Test Mode Printer Calibration feature, and gives the X, Y, and Angle settings made.

Unrecognized Ballot

This entry indicates that an unrecognizable ballot was inserted.

Ballot Marked Successful

This entry indicates that a ballot was printed.

Ballot Returned Unmarked

This entry indicates that a ballot was inserted, but ejected before it was printed.

Test Print Successful

This entry indicates that a ballot was printed using the Test Print feature of Test Mode.

Printer Malfunction

Failed to Verify
Paper Jam
Paper Too Short

This entry indicates that there was a printer malfunction, and the reason.

Printer Low On Ink

This entry indicates that the printer is running low on ink.

Printer Ink Used Up

This entry indicates that the ink cartridge should be immediately changed.

Scanner Malfunction

Top Scanner
Bottom Scanner
PV Scanner
Scanners/PEB

This entry indicates that there was a scanner malfunction, and indicates which scanner was involved.

Paper Misfeed

This entry indicates that the ballot was not inserted correctly.

No Election Data

This entry indicates that no election data was found.

CF Card Access Failure

This entry indicates that the system was unable to read the data on the compact flash memory card.

Loaded Ballot Id xxxx

This entry indicates that election data for a specified ballot was loaded.

Marked Ballot Inserted

This entry indicates that a ballot which has already been marked was inserted into the VAT.

Unit Locked Time Out

This entry indicates that the user (voter) did not take action within a preset amount of time.

Battery Low

This entry indicates that the battery power is low – a new battery will be needed soon.

Running on Battery Power

This entry indicates that the VAT is using battery for its power source.

Running on External Power

This entry indicates that the VAT is using external electrical power source.

Login Successful

This entry indicates that a user logged in successfully.

Login Failure

This entry indicates that a login was attempted, but was not successful.

Date/Time Change

This entry indicates that the current date and time was re-set.

Battery Charged

This entry indicates that the battery was charged.

Eject Ballot From Test Mode

This entry indicates that the ballot was ejected from the Test Mode screen.

Test Print Screen

Entered
Exited

This entry indicates that the user entered/ exited the Test Print screen (from Test Mode).

Service Print Cartridge Screen

Entered
Exited

This entry indicates that the user entered/ exited the Service Print Cartridge screen.

Manual Print Calibration Screen

Entered
Exited

This entry indicates that the user entered/ exited the Print Calibration screen.

View Operation Log Screen

Entered
Exited

This entry indicates that the user entered/ exited the Operation Log Screen

Battery Status Screen

Entered
Exited

This entry indicates that the user entered/ exited the Battery Status screen

Software Versions Screen

Entered
Exited

This entry indicates that the user entered/ exited the Software Versions screen

Calibrate Touch Screen

Entered
Exited

This entry indicates that the user entered / exited the Calibrate Touch screen.

Unlock Flash Card Screen

Entered
Exited

This entry indicates that the user entered/ exited the Unlock Flash Card screen.

View Scan/Service Log Screen

Entered
Exited

This entry indicates that the user entered/ exited the View Scan/Service Log screen.

Upload Firmware Screen

Entered
Exited

This entry indicates that the user entered/ exited the Upload Firmware screen.

Set Password Screen

Entered
Exited

This entry indicates that the user entered/ exited the Set Password screen.

Set Date/Time Screen

Entered
Exited

This entry indicates that the user entered/ exited the Set Date/Time screen.

Set Print Head Screen

Entered
Exited

This entry indicates that the user entered/ exited the Set Print Head screen

Loaded Election xxxxxxxxxxxx

This entry indicates that the user loaded a new election (actually puts string in operation log with election title (UNICODE) max 39 characters displayed).

Print Head Missing

This entry indicates that the print head was not found.

Unknown Operation

This entry should never appear – it means that the Operation Log file has been corrupted.

Scanner Intensity Measurements

This entry records the calibration values being used by the scanners.

Print the Scan Log or Service Log

These log files record scanner error events and service events. To view or print either of these logs,

1. Enter the Test Mode screen by turning the key switch to **Test**.
2. The **AutoMARK Main Menu** Screen will display
3. Select Maintenance Menu.
4. Enter the system password.
5. Select Scan Log, or Service Log.
6. To print the log, follow the steps as for printing the Operation Log (as described under the Operation Log (System Log File) heading).

The following is a list of possible Scan Log entries.

TopOfPage(TOP): not found

ScannerPrinterLibrary.DLL logs this when the top of the ballot from the top scanner could not be found.

BottomOfPage(TOP): not found

ScannerPrinterLibrary.DLL logs this when the bottom of the ballot from the top scanner could not be found.

TopOfPage(BOTTOM): not found

ScannerPrinterLibrary.DLL logs this when the top of the ballot from the bottom scanner could not be found.

BottomOfPage(BOTTOM): not found

ScannerPrinterLibrary.DLL logs this when the bottom of the ballot for the bottom scanner could not be found.

Noise on top scan image

ScannerPrinterLibrary.DLL logs this when the top scanner image has a lot of noise.

Could not create ScanPVDoneEvent!

ScannerPrinterLibrary.DLL logs this when the event could not be created.

TopOfPage(PV): not found.

ScannerPrinterLibrary.DLL logs this when the top of the page for the PV scanner could not be found.

BottomOfPage(PV): not found.

ScannerPrinterLibrary.DLL logs this when the bottom of the page for the PV scanner could not be found.

Didn't detect alignment marks.

ScannerPrinterLibrary.DLL logs this when alignment marks could not be found.

Error in PV scan/ballot edge.

ScannerPrinterLibrary.DLL logs this when the edge of the ballot is at a much different angle than the timing marks along that edge.

Optech: no front columns defined

ScannerPrinterLibrary.DLL logs this when no columns have been defined on the front for Optech ballots.

Optech: no back columns defined

ScannerPrinterLibrary.DLL logs this when no columns have been defined on the back for Optech ballots.

Bad angle on trailing edge.

ScannerPrinterLibrary.DLL logs this when detected angle of bottom of ballot has a problem.

Optech: no data found in cols selected

ScannerPrinterLibrary.DLL logs this when the scanned ballot doesn't match the definition.

Optech scan/definition mismatch.

ScannerPrinterLibrary.DLL logs this when the scanned ballot doesn't match the definition.

Ballot scan/definition error bottom side.

ScannerPrinterLibrary.DLL logs this when the defined ballot doesn't match the scan.

Ballot scan/definition error top side.

ScannerPrinterLibrary.DLL logs this when the defined balot doesn't match the scan.

Arrow count mismatch on back.

ScannerPrinterLibrary.DLL logs this when more or less arrows were detected on the back.

Arrow count mismatch on front.

ScannerPrinterLibrary.DLL logs this when more or less arrows were detected on the front.

Excessive PV rotation.

ScannerPrinterLibrary.DLL logs this when the ballot has rotated an excessive amount in the print zone.

TopOfPage(SHORT PV): not found.

ScannerPrinterLibrary.DLL logs this when the top of the ballot could not be found in the short PV scan.

Short PV Scan Truncation.

ScannerPrinterLibrary.DLL logs this when the top of the ballot in the short PV scan occurs immediately.

Did not detect ref mark in short pv.

ScannerPrinterLibrary.DLL logs this when the reference mark in the front scan cannot be found in the proper region of the short PV scan.

Illegal front ref point!

ScannerPrinterLibrary.DLL logs this when the front reference point is illegal.

Illegal back ref point!

ScannerPrinterLibrary.DLL logs this when the back reference point is illegal.

Warning: PV Scan Failed!

ScannerPrinterLibrary.DLL logs this when the short PV scan could not be recognized.

SCD_GetScanData(SHORT_PV) returned FALSE

ScannerPrinterLibrary.DLL logs this when SCANDRIVER.DLL has had a failure.

GETMARKS: X timing mark X array NULL!

ScannerPrinterLibrary.DLL logs this when GETMARKS.DLL has had a failure.

GETMARKS: X timing mark Y array NULL!

ScannerPrinterLibrary.DLL logs this when GETMARKS.DLL has had a failure.

Should be ... X front marks but ... found.

ScannerPrinterLibrary.DLL logs this when there is a mismatch in the expected number of X timing marks and the detected number of X timing marks.

Should be ... X back marks but ... found.

ScannerPrinterLibrary.DLL logs this when there is a mismatch in the expected number of X timing marks and the detected number of X timing marks.

Top Scan Truncation.

ScannerPrinterLibrary.DLL logs this when the top of the ballot appears at the top of the top scan.

Bottom Scan Truncation.

ScannerPrinterLibrary.DLL logs this when the top of the ballot appears at the top of the bottom scan.

Could not find bottom of back scan.

ScannerPrinterLibrary.DLL logs this when could not find the bottom of ballot in the bottom scan.

Too long Optech stub/margin back bottom!

ScannerPrinterLibrary.DLL logs this when it was detected that the ballot has a longer stub than the stub setting allows (or that the ballot has a stub that should not be there).

Illegal back_max_row_Y.

ScannerPrinterLibrary.DLL logs this when an illegal variable is calculated.

Did not detect any Y marks

ScannerPrinterLibrary.DLL logs this when no vertical timing marks could be detected.

Didn't detect marks in short PV scan.

ScannerPrinterLibrary.DLL logs this when no timing marks were found in short PV scan.

BOTTOM SCANNER: no data!

ScannerPrinterLibrary.DLL logs this when the bottom scanner never detected top of form.

Optech vote locations count mismatch

ScannerPrinterLibrary.DLL logs this when more or less arrows were found than the definition calls for.

TOP SCANNER: no data!

ScannerPrinterLibrary.DLL logs this when the top scanner never detected top of form.

Too long Optech stub/margin top side bottom!

ScannerPrinterLibrary.DLL logs this when it was detected that the stub length is not large enough to support the stub on the top scan bottom of the ballot (or that the ballot has a stub that should not be there).

Illegal front_max_row_Y.

ScannerPrinterLibrary.DLL logs this when an illegal variable was calculated.

Bad front top scan.

ScannerPrinterLibrary.DLL logs this when the top scanner image was not recognized.

Bad front bottom scan.

ScannerPrinterLibrary.DLL logs this when the bottom scanner image was not recognized.

Bad short PV scan.

ScannerPrinterLibrary.DLL logs this when the short PV scan image did not detect any marks.

Errant GetOvals call!

ScannerPrinterLibrary.DLL logs this when GetOvals was called without GetStyleKeys being called.

Missed vertical timing marks!

ScannerPrinterLibrary.DLL logs this when it was detected that vertical timing marks were missed being detected.

CreateEvent TopDone Failed!

ScannerPrinterLibrary.DLL logs this when an event could not be created.

CreateEvent TopStart Failed!

ScannerPrinterLibrary.DLL logs this when an event could not be created.

Create Event BotDone Failed!

ScannerPrinterLibrary.DLL logs this when an event could not be created.

Create Event PVDone Failed!

ScannerPrinterLibrary.DLL logs this when an event could not be created.

Create Event ShPVDone Failed!

ScannerPrinterLibrary.DLL logs this when an event could not be created.

Could not create ScanTopDoneEvent!

ScannerPrinterLibrary.DLL logs this when an event could not be created.

Could not create ScanBottomDoneEvent!

ScannerPrinterLibrary.DLL logs this when an event could not be created.

Could not create ScanPVDoneEvent!

ScannerPrinterLibrary.DLL logs this when an event could not be created.

Could not create ScanShortPVDoneEvent!

ScannerPrinterLibrary.DLL logs this when an event could not be created.

Stub setting too low!

ScannerPrinterLibrary.DLL logs this when it was detected the stub setting is too low for this ballot (or that the ballot has a stub that should not be there).

GSK2: an arg is NULL!

ScannerPrinterLibrary.DLL logs this when an argument to GetStyleKeys was NULL from AUTOMARK.DLL.

Both sides unrecognized!

ScannerPrinterLibrary.DLL logs this when neither side of the ballot could be recognized.

GETMARKS: GetTimingMarks front error #....

ScannerPrinterLibrary.DLL logs this when GETMARKS.DLL routine GetTimingMarks encounters a scan error on the top scan.

GETMARKS: GetTimingMarks back error #....

ScannerPrinterLibrary.DLL logs this when GETMARKS.DLL routine GetTimingMarks encounters a scan error on the bottom scan.

GETMARKS: GetTimingMarks PV error #....

ScannerPrinterLibrary.DLL logs this when GETMARKS.DLL routine GetTimingMarks encounters a scan error on the PV scan.

GETMARKS: GetTimingMarks UNKSCN error #....

ScannerPrinterLibrary.DLL logs this when GETMARKS.DLL routine GetTimingMarks encounters a scan error on an unknown scanner.

Truncation error on scanner ...

AUTOMARK.DLL and SCANDRIVER.DLL detected the top of the ballot started immediately or before scanning begun.

Overflow error on scanner ...

AUTOMARK.DLL detected that SCANDRIVER.DLL was not quick enough in getting data from the DSP RAM and scan data was lost.

Scanner Timeout!

AUTOMARK.DLL detected all scanners timed out acquiring data and end of data.

The following is a list of possible Service Log entries:

Failed to allocate slopetop

SCANNERPRINTERLIBRARY.DLL logs this when a memory allocation error occurred.

Out of memory alloc ....

SCANNERPRINTERLIBRARY.DLL logs this when a memory allocation error occurred.

Out of memory allocating ....

SCANNERPRINTERLIBRARY.DLL logs this when a memory allocation error occurred.

PVAngle: Failed to allocate slopetop.

SCANNERPRINTERLIBRARY.DLL logs this when a memory allocation error occurred.

PVAngle: Failed to allocate scanline.

SCANNERPRINTERLIBRARY.DLL logs this when a memory allocation error occurred.

Very Short Short PV Scan

SCANNERPRINTERLIBRARY.DLL logs this when short PV scan is impossibly short.

Failed to read EEPROM (print cal)

SCANNERPRINTERLIBRARY.DLL logs this when could not read NV EEPROM.

Math error placing Y mark

SCANNERPRINTERLIBRARY.DLL logs this when a math / algorithmic error was made.

Out of memory ...

SCANNERPRINTERLIBRARY.DLL logs this when a memory allocation error occurred.

NULL args to RetrieveBottomPos

SCANNERPRINTERLIBRARY.DLL logs this when a routine call was misused.

NULL args to RetrieveTopPos

SCANNERPRINTERLIBRARY.DLL logs this when a routine call was misused.

Scandriver DLL not initialized!

SCANNERPRINTERLIBRARY.DLL logs this when SCANDRIVER DLL is not present.

Printer board failed to respond!

SCANNERPRINTERLIBRARY.DLL logs this when the PEB fails to respond to a command.

DiagnosticLogger.DLL failed to init.

SCANNERPRINTERLIBRARY.DLL logs this when DIAGNOSTICLOGGER.DLL could not initialize.

DiagnosticLogger.DLL inconsistent.

SCANNERPRINTERLIBRARY.DLL logs this when DIAGNOSTICLOGGER.DLL is inconsistent.

GETMARKS.DLL not found.

SCANNERPRINTERLIBRARY.DLL logs this when GETMARKS.DLL was missing.

GETMARKS.DLL inconsistent.

SCANNERPRINTERLIBRARY.DLL logs this when GETMARKS.DLL was inconsistent.

Scandriver DLL not found.

SCANNERPRINTERLIBRARY.DLL logs this when SCANDRIVER.DLL was missing.

Scandriver DLL inconsistent!

SCANNERPRINTERLIBRARY.DLL logs this when SCANDRIVER.DLL was inconsistent.

Error: scandriver DLL unloaded.

SCANNERPRINTERLIBRARY.DLL logs this when SCANDRIVER.DLL was not loaded.

NonVolatileLibrary DLL not found.

SCANNERPRINTERLIBRARY.DLL logs this when NONVOLATILELIBRARY.DLL was missing.

NonVolatileLibrary DLL inconsistent!

SCANNERPRINTERLIBRARY.DLL logs this when NONVOLATILELIBRARY.DLL was inconsistent.

OperationLogger DLL not found.

SCANNERPRINTERLIBRARY.DLL logs this when OPERATIONLOGGER.DLL was missing.

OperationLogger DLL inconsistent!

SCANNERPRINTERLIBRARY.DLL logs this when OPERATIONLOGGER.DLL was inconsistent.

SCD_SetBubble failed for Optech bubble.

SCANNERPRINTERLIBRARY.DLL logs this when PEB fails to recognize new bitmap command.

GETMARKS:InitScan error #....

SCANNERPRINTERLIBRARY.DLL logs this when a memory allocation error occurred.

Xcoltmxcolpos memory alloc failed.

SCANNERPRINTERLIBRARY.DLL logs this when a memory allocation error occurred.

Mismatch in printer Y coord!

SCANNERPRINTERLIBRARY.DLL logs this when a math / algorithmic error occurred.

AddTimingMark (x) ... of ... alloc.

SCANNERPRINTERLIBRARY.DLL logs this when a memory allocation error occurred.

.... Exception

SCANNERPRINTERLIBRARY.DLL logs this when a low-level C/C++ DLL had an exception error.

NULL optechstruct arg!

SCANNERPRINTERLIBRARY.DLL logs this when a call to GETMARKS was misused.

NULL essstruct arg!

SCANNERPRINTERLIBRARY.DLL logs this when a call to GETMARKS was misused.

Arg optechstruct is NULL!

SCANNERPRINTERLIBRARY.DLL logs this when a call to GETMARKS was misused.

Arg essstruct is NULL!

SCANNERPRINTERLIBRARY.DLL logs this when a call to GETMARKS was misused.

Could not access thresholds data!

SCANNERPRINTERLIBRARY.DLL logs this when the thresholds RAM file could not be accessed.

Alloc temp scan buf 0 ptrs ... lines failed.

SCANNERPRINTERLIBRARY.DLL logs this when a memory allocation error occurred.

Alloc frontbuf failed.

SCANNERPRINTERLIBRARY.DLL logs this when a memory allocation error occurred.

Alloc backbuf failed.

SCANNERPRINTERLIBRARY.DLL logs this when a memory allocation error occurred.

GetOvals:128byte alloc error.

SCANNERPRINTERLIBRARY.DLL logs this when a memory allocation error occurred.

PVAngle: Failed to allocate slopetop.

SCANNERPRINTERLIBRARY.DLL logs this when a memory allocation error occurred.

logstr out of memory.

SCANNERPRINTERLIBRARY.DLL logs this when a memory allocation error occurred.

Unable to Set Abort Get Ovals Event.

SCANNERPRINTERLIBRARY.DLL logs this when unable to start an event.

No scanner image saved.

SCANNERPRINTERLIBRARY.DLL logs this when SCANDRIVER.DLL failed to store a RAM file bitmap.

Could not open I2C port

NONVOLATILELIBRARY.DLL logs this when the I2C OS resource could not be opened.

Read I2C Error ...

NONVOLATILELIBRARY.DLL logs this during an I2C NV EEPROM read error.

Could not get EEPROM data!

NONVOLATILELIBRARY.DLL logs this during an NV EEPROM read error.

Could not put EEPROM data!

NONVOLATILELIBRARY.DLL logs this during an NV EEPROM write error.

Bad CRC32 in Bank ... of EEPROM

Indicates corruption in one of the NV EEPROM banks. Here are the meanings of the bank numbers:

bank 2: ballot type, scanner calibration data
bank 3: maintenance password
bank 4: unlock code, printer angle calibrations
bank 5: manufacturer's data
bank 6: firmware revision, hardware revision
bank 7: print count, dot count, printer calibrations, serial number

Operation Log Corrupt!

AUTOMARK.DLL logs this when OPERATIONLOGGER.DLL detects that the OP.ELF file on the compact flash card is corrupted.

Write-in length error.

AUTOMARK.EXE logs this if the value specified in AIM's for write-in length caused an illegal value to be computed in the GUI.

...Exception

AUTOMARK.EXE logs this when an exception occurs of the specified type.

ERROR: ....

AUTOMARK.EXE logs this when an exception occurs in the managed code.

Error preparing audio for play.

AUTOMARK.EXE error occurred in the WAV file handler or waveOut... OS API.

Could not allocate pinned WAV header.

AUTOMARK.EXE failed in call to GCHandle.Alloc in WAV file handler.

Error waiting for audio ready.

AUTOMARK.EXE encountered an error waiting for a WAV file thread to terminate in WAV file handler.

Faulty Sound Driver - Reformat Drive.

AUTOMARK.EXE has detected that the OS sound driver has become corrupted. The NOR flash drive must be reformatted.

Error preparing new audio.

AUTOMARK.EXE encountered an error preparing new audio in the WAV file handler.

Error escaping WAV windows routine.

AUTOMARK.EXE encountered a timeout error in the WAV file handler.

Error waiting audio done cleanup.

AUTOMARK.EXE encountered a timeout error in the WAV file handler.

Error playing audio.

AUTOMARK.EXE encountered a timeout error in the WAV file handler.

Error waiting for audio windows exit.

AUTOMARK.EXE encountered a timeout error in the WAV file handler.

Error waiting for audio done.

AUTOMARK.EXE encountered an error waiting for a WAV file thread to terminate in WAV file handler.

Unable to initialize speech engine.

AUTOMARK.EXE encountered a problem initializing the Eloquence text-to-speech engine. The library files may have become unregistered or the engine may have been terminated improperly.

Dictionary load error. LangId=...

AUTOMARK.EXE encountered a problem loading a dictionary from the storage card election data folder.