1. TROUBLESHOOTING – COMMON CAMERA ERRORS

Error Number	47107
Error Message	Drum failed to reach strobe position
Error Description	The drum failed to reach all drum positions where a strobe was required.
Action	Make sure that the drum was spinning during camera edge detect.
Causes	Drum was stationary during edge detect.

Error Number	47108
Error Message	Timed out waiting for strobe field from camera
Error Description	The camera did not capture a camera strobe field within the expected timeout
Action	Check that the GMCE Xilinx is version 1.91 or later. Make sure that the camera power connected. Make sure that the camera video cable is connected to both the LED driver board and the GMCE.
Causes	Possible camera fault or loose cable.

Error Number	47111
Error Message	No space to save file to firmware FTP folder
Error Description	There is not enough space to save the file to the firmware FTP folder.
Action	1. Check that the workstation DCAPI-server camera FTP server task is running. Re-start the DCAPI server. 2. Verify that **option camera-edge-detect** is enabled in

	the device firmware. 3. Verify that DCAPI server 2.0.5 is installed, running, and is able to communicate with the device: • The DCAPI server's square blue system tray icon should be visible. If not, install DCAPI server 2.0.5, or if it was already installed then logout from the workstation and then login again to restart DCAPI. • Launch the info dialog; verify the version number from the dialog caption. • Verify the **Communication Status** line displays **Active** (green color). If not, reset the firmware or restart DCAPI by logging out of the workstation and then logging back in.

Error Number	47112
Error Message	Video signal from edge detect camera not detected
Error Description	Did not detect the video signal from the edge detect camera.
Action	Check the following connections: - check that the BNC video connector is plugged into connector CAM_IN_1 on the GMCE board - check that the LED_BRD cable is plugged into J18 on the GMCE (provides 12V to the camera) Use the "gmce power" command to make sure that AI_Check_12V is within 0.25 volts of 12V. If this is not the case then power off the machine, unplug the LED_BRD cable from J18 and reboot and retry. A short in the connector, LED driver board or the cable/connectors leading from the LED driver board to the camera could be the cause. - check that the video cable leading through the cable track is plugged into the LED driver board - check that the 3 conductor cable leading from the LED driver board to the camera is plugged in. Check the connection on the back of the camera. - check that the LED driver board cable is connected to the LED driver board - ensure that no cables have been caught under the camera mounting block
Causes	Cable not connected.

Error Number	47113

Error Message	LED driver board(s) not detected
Error Description	Did not detect the LED driver boards.
Action	Check the following connections: - check that the LED_BRD cable is plugged into J18 on the GMCE (provides 12V to the camera) - check that the LED driver board readback is plugged into the GMCE spare IO connector Use the "gmce power" command to make sure that AI_Check_12V is within 0.25 volts of 12V. If this is not the case then power off the machine, unplug the LED_BRD cable from J18 and reboot and retry. A short in the connector, LED driver board or the cable/connectors leading from the LED driver board to the camera could be the cause. - check that the LED driver board cable is connected to the LED driver board - ensure that no cables have been caught under the camera mounting block
Causes	Cable not connected.

Error Number	47206
Error Message	Requested edge detect point is not on plate (mainscan) (check calibration)
Error Description	One of the requested edge detect points is not on the plate.
Action	Check camera calibration. If this is a workstation plot then check the requested edge detect positions. If this is an "edge test" monitor command then check the "set edge drumpos" parameter.
Causes	Requested edge detect point is not on the plate (mainscan).

Error Number	47207
Error Message	Camera has not been calibrated for this media thickness
Error Description	The camera has not been calibrated for this media thickness.
Action	Calibrate the camera, for this thickness OR calibrate for 2 distinct media thicknesses so that the firmware can extrapolate the scale and subscan offset for any media thickness. "camera param" monitor commands.

Causes	Camera calibration parameters not set correctly.

Error Number	47208
Error Message	Vertical edge not found
Error Description	A plate edge was not found when expected at this drum and carriage position.
Action	Check camera parameter settings. Check that camera is working and the lens is clean. Reload the plate.
Causes	Plate edge not found when expected, possibly due to extremely skew plate.