

## Error Code Overview

### Device Translation

- 41 (A) = Applicator (media macros)
- 42 (B) = Boot
- 43 (C) = Console
- 44 (D) = Developer
- 45 (E) = Input conveyor
- 46 (F) = Carriage (DSP)
- 47 (G) = HDI GLV (originally PM L-bridge)
- 48 (H) = Preloader (NELA) 1mar04
- 49 (I) = IPS drum controller
- 4A (J) = Job-level automation
- 4c (L) = FCH-LIM for VLF
- 4d (M) = Media (not macros)
- 4e (N) = Inverter
- 4f (O) = Exit conveyor
- 50 (P) = PlateManager
- 51 (Q) = Secondary developer (HDI only)
- 53 (S) = System sequencer or VLF Device
- 54 (T) = Cassette selection
- 55 (U) = Punch option (HDI/Avalon only)
- 56 (V) = Top conveyor
- 57 (W) = PM L-bridge
- 58 (X) = Exit conveyor (NELA) 1mar04
- 5a (Z) = EDLIM

## Class Information

Class 1 = warning only

Class 2 = no operator intervention, initialization required

Class 3 = system will automatically recover

Class 4 = operator intervention required

Class 5 = fatal error, reboot required

Class 6 = device aborted (Diagnostics only)

Class 9 = system continues when problem cleared

Class A = fatal error, service call with downstream plate flush and erring plate not being flushed

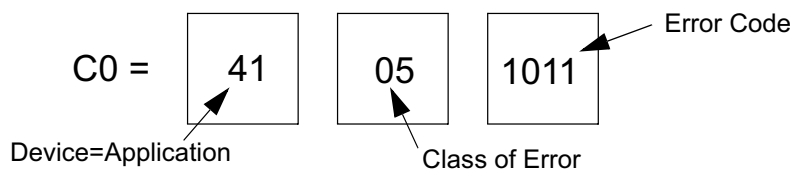
Class B = same as class 3, but wait for message before sending further device flushing commands

Class C = fatal error, service call with midstream and downstream plate flush and erring plate flush

Class D = warning only, same as class 1, except there is no OCT popup, it is added to the event log

## Parameters (Hex)

In the Event Log on the console, all events and errors are logged. The figure below provides information for reading the Event Log.



In multiple-error situations, you must check the event log to see the order of errors. Address the errors in the order they were posted.

## Types of Error Codes

Error codes are broken down into two types:

- Customer string, which is shown in the error dialog
- Field service string, which a customer cannot see or access

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**WARNING:** Many of the errors can be reported with more than one error class, depending upon the situation. Therefore you should search an entire device when looking for a particular error code. Generally a soft search is recommended. The format of the error information is: Device Letter four digit error code followed by slash, Customer error string followed by slash (translated), Field Service error string (not translated).

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## Error Code Information

The slash character cannot be used in any error text, it is used to separate string components.

The asterisk character inside the text has special meaning, it starts the customer action line.

When an error class includes operator action (class 4), a second line is posted within the error dialog. The action line starts with the asterisk. When the error class doesn't require an action line and the error string includes it, the action line is not posted in the error dialog. Only the action line in the customer string is ever posted in an error dialog. A Field Service action line is not posted in any error dialog. One action line item can not be longer than 80 characters or the OCT will crash.

Errors are shown below. They are ordered alphabetically by device and numerically by class (can vary, see below).

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## Error Codes

Error code list Revision 354 generated on June 6, 2006.

### Finding an Error Code by Number

Error codes that start with:	Go to:
A----	<a href="#">page 6-130</a>
C00--	<a href="#">page 6-142</a>
D10--	<a href="#">page 6-142</a>
E----	<a href="#">page 6-143</a>
F4---	<a href="#">page 6-145</a> <a href="#">page 6-145</a> <a href="#">page 6-184</a>
F41--	<a href="#">page 6-185</a>
HE---	<a href="#">page 6-147</a>
I00--	<a href="#">page 6-147</a>
J1--	<a href="#">page 6-148</a>
M00--	<a href="#">page 6-150</a>
MF---	<a href="#">page 6-150</a>
N----	<a href="#">page 6-151</a>
O----	<a href="#">page 6-184</a>

Error codes that start with:	Go to:
P----	<a href="#">page 6-159</a>
S----	<a href="#">page 6-162</a> <a href="#">page 6-165</a> <a href="#">page 6-165</a> <a href="#">page 6-169</a> <a href="#">page 6-169</a>
T----	<a href="#">page 6-170</a>
U----	<a href="#">page 6-187</a>
V----	<a href="#">page 6-188</a>

## Applicator (macro) Errors

Error code	Failure	Description
A0010	Media Handling Failure	Drum timed out moving to Hall sensor
A0011	Media Handling Failure	IPS revision check problem
A0012	Media Handling Failure	Drum timed out moving VC next to FC
A0013	Media Handling Failure	Drum timed out moving away from actuators
A0014	Media Handling Failure	Drum timed out moving home during init
A0015	Media Handling Failure	Drum not working in Electronic Gearing mode
A0020	Media Handling Failure	Load macro timed out while waiting for state variable
A0021	Plate not sensed at input.	Remove plate from input slot then reinsert.
A0022	Media Handling Failure	Drum timed out moving home before plate load
A0023	Media Handling Failure	IPS timed out correcting position before plate load
A0024	Media Handling Failure	Drum not home before plate load
A0025	Media Handling Failure	IPS timed out while setting drum hold parameters
A0026	Media Handling Failure	IPS timed out setting Hathaway motor gain values
A0030	Media Handling Failure	Drum timed out trying to find index
A0031	Vacuum Low or Missing	Low pump vacuum
A0032	Media Handling Failure	Fly-off sensor tripped
A0033	Vacuum Low or Missing	Low vacuum in variable clamp
A0034	Media Handling Failure	IPS timed out setting imaging speed parameters during Spin Up
A0035	Media Handling Failure	IPS timed out setting media speed parameters during Spin Down
A0036	Media Handling Failure	IPS timed out setting media speed parameters during Spin Up
A0037	Media Handling Failure	IPS timed out setting Hathaway motor gain values
A0038	Media Handling Failure	IPS debug flag is high

Error code	Failure	Description
A0039	Media Handling Failure	IPS drum stopped during imaging
A0050	Drum Reset Occurred	Start MMM trace
A0051	Media Handling Failure	IPS timed out setting media speed parameters during Unload
A0052	Media Handling Failure	IPS timed out finding VCRM during Unload
A0053	Media Handling Failure	IPS timed out correcting position during Unload
A0054	Vacuum Low or Missing	Vacuum pump not turning off
A0055	Media Handling Failure	Drum timed out while setting media speed parameters during unload
A0057	Media Handling Failure	Drum timed out while clearing VCRM during Unload
A0058	Media Handling Failure	Drum timed out handing plate to output nips during Unload
A0059	Media Handling Failure	Plate not at output nips during unload
A005A	Media Handling Failure	Vacuum clamp did not release from drum
A005B	Media Handling Failure	Drum timed out while setting media handling gains
A005C	Media Handling Failure	Drum timed out handing plate into output nips during Unload
A0062	Plate not received at OLP	Conveyor sensor timeout feeding to OLP
A0101	Media Handling Failure	Drum motor type not defined
A0102	Media Handling Failure	Fixed clamp home offset is out of range
A0111	Media Parameter Error	MMM EEPROM not set correctly
A0112	Media Parameter Error	Drum init parameter not set
A0113	Media Parameter Error	Drum motor type not defined
A0114	Media Parameter Error	IPS timed out setting media speed parameters during Init
A0115	Media Parameter Error/	Overspeed detection disengaged
A0116	Media Handling Failure	IPS timed out setting S2 parameter
A0117	Media Parameter Error	Magnetic tail clamp must be used with solid input nips
A0118	Media Handling Failure	Fly-off sensor tripped
A0211	Media Handling Failure	Drum timed out accelerating to imaging velocity
A0221	Media Handling Failure	Drum timed out moving fixed clamp past ironing roller
A0231	Media Handling Failure	Drum timed out loading plate
A0232	Plate is too short and will be ejected.	Insert proper plate.
A0233	Plate is too long and will be ejected.	Insert proper plate, check for slipsheet.
A0234	Media Handling Failure	Drum timed out loading plate
A0235	Media Handling Failure	Drum timed out loading plate
A0236	Media Handling Failure	Drum timed out loading plate
A0237	Media Handling Failure	Drum timed out loading plate

Error code	Failure	Description
A0261	Media Handling Failure/	Drum timed out while countering velocity with torque
A0301	Media Handling Failure/	Drum timed out while looking for index during Init
A0302	Media Handling Failure	Drum timed out while looking for variable clamp during init
A0303	Media Handling Failure/	Drum timed out moving home during Init
A0481	Media Handling Failure	Drum timed out while checking encoder
A0482	Media Handling Failure	Drum timed out while checking encoder
A0483	Media Handling Failure	Drum timed out while checking encoder
A0511	Media Handling Failure	Fixed clamp is not disengaged, but should be, prior to initialization
A0512	Media Handling Failure	Fixed clamp is engaged, but should not be, prior to initialization
A0513	Media Handling Failure	Fixed clamp timed out while engaging during initialization
A0514	Media Handling Failure	Fixed clamp remains disengaged after engaging during initialization
A0515	Media Handling Failure	Fixed clamp timed out while disengaging during initialization
A0516	Media Handling Failure	Fixed clamp remains engaged after disengaging during initialization
A0521	Media Handling Failure	Ironing roller is not disengaged, but should be, prior to initialization
A0522	Media Handling Failure	Ironing roller is engaged, but should not be, prior to initialization
A0523	Media Handling Failure	Ironing roller timed out while engaging during initialization
A0524	Media Handling Failure	Ironing roller remains disengaged after engaging during initialization
A0525	Media Handling Failure	Ironing roller timed out while disengaging during initialization
A0526	Media Handling Failure	Ironing roller remains engaged after disengaging during initialization
A0531	Media Handling Failure	Variable clamp press is not disengaged, but should be, prior to initialization
A0532	Media Handling Failure	Variable clamp press is engaged, but should not be, prior to initialization
A0533	Media Handling Failure	Variable clamp press timed out while engaging during initialization
A0534	Media Handling Failure	Variable clamp press remains disengaged after engaging during initialization
A0535	Media Handling Failure	Variable clamp press timed out while disengaging during initialization
A0536	Media Handling Failure	Variable clamp press remains engaged after disengaging during initialization
A0541	Media Handling Failure	Flapper is not up, but should be, prior to initialization
A0542	Media Handling Failure	Flapper is down, but should not be, prior to initialization

Error code	Failure	Description
A0543	Media Handling Failure	Flapper timed out going down during initialization
A0544	Media Handling Failure	Flapper remains up after going down during initialization
A0545	Media Handling Failure	Flapper timed out going up during initialization
A0546	Media Handling Failure	Flapper remains down after going up during initialization
A0551	Media Handling Failure	Input nips servo timed out during initialization
A0552	Media Handling Failure	Output nips servo timed out during initialization
A0561	Media Handling Failure/	Encoder-side VCRM servo timed out during initialization
A0562	Media Handling Failure/	Motor-side VCRM servo timed out during initialization
A0571	Vacuum Low or Missing	Pump vacuum remains low after opening pump and relief valves during initialization
A0572	Vacuum Low or Missing/	Pump vacuum goes low after closing relief valve during initialization
A0573	Vacuum Low or Missing	Pump vacuum remains high after closing pump valve during initialization
A0574	Engine Air Pressure Sensor Failure	Pressure sensor fails to detect atmospheric pressure
A0575	Engine Air Pressure Low or Missing	Pressure sensor fails to detect pressure above set point
A0576	Engine Air Pressure Sensor Failure	Pressure sensor fails to detect atmospheric pressure, but actuators can move.
A0577	Engine Air Pressure Low or Missing	Pressure sensor fails to detect pressure above set point, but actuators can move
A0578	Engine Air Pressure Sensor Failure	Pressure sensor reads reversed
A0579	Engine Air Pressure Sensor Failure	Pressure sensor reads reversed, but actuators can move.
A0581	Media Handling Failure/	Variable clamp sensor tripped incorrectly
A0591	Plate wrap length out of range.	Enter proper plate size.
A0592	Plate axial length out of range.	Enter proper plate size.
A0593	Plate thickness out of range	Enter proper plate size.
A0610	Media Handling Failure	Drum not at fixed clamp home
A0611	Media Handling Failure	IPS timed out while setting drum hold parameters
A0612	Media Handling Failure	Fixed clamp timed out while engaging
A0613	Media Handling Failure/	Fixed clamp remains disengaged after engaging
A0614	Media Handling Failure	Fixed clamp moved drum out of clamping range
A0621	Media Handling Failure	Signal to disengage fixed clamp failed. Remove plate from input slot or exit tray, exit conveyor.
A0622	Media Handling Failure	Fixed clamp failed to disengage. Remove plate from input slot or exit tray, exit conveyor.
A0623	Media Handling Failure	System failed to set media parameters in drum. Remove plate from input slot or exit tray, exit conveyor.

Error code	Failure	Description
A0631	Media Handling Failure	Ironing roller timed out while engaging
A0632	Media Handling Failure	Ironing roller remains engaged after disengaging
A0641	Media Handling Failure	Ironing roller timed out while disengaging
A0642	Media Handling Failure	Ironing roller remains engaged after disengaging
A0651	Media Handling Failure	Variable clamp press timed out while engaging
A0652	Media Handling Failure	Variable clamp press remains disengaged after engaging
A0653	Media Handling Failure	Variable clamp press timed out while disengaging
A0654	Media Handling Failure	Variable clamp press remains engaged after disengaging
A0661	Media Handling Failure	Variable clamp press timed out while disengaging
A0662	Media Handling Failure	Variable clamp press remains engaged after disengaging
A0671	Media Handling Failure	Flapper timed out while going down
A0672	Media Handling Failure	Flapper remains up after going down
A0681	Media Handling Failure	Flapper timed out while going up
A0682	Media Handling Failure	Flapper remains down after going up
A0683	Media Handling Failure	Flapper waiting for punch transport to move
A0690	Media Handling Failure	IPS timed out setting Hathaway motor gain values
A0691	Media Handling Failure	Drum timed out moving home to ready for input
A0700	Media Handling Failure	Output nips timed out on 12 mil plate reverse move to pins
A0701	Media Handling Failure	Output nips timed out on ramp-up during output
A0702	Media Handling Failure	Output nips timed out on ramp-down during output
A0703	Media Handling Failure	Plate timed out going to output conveyor sensor (15)
A0711	Media Handling Failure	Left variable clamp failed to move to home sensor. Remove plate from exit tray, exit conveyor.
A0712	Media Handling Failure	Left variable clamp failed to move set distance. Remove plate from exit tray, exit conveyor.
A0713	Media Handling Failure	Left variable clamp failed to reach home sensor. Remove plate from exit tray, exit conveyor.
A0721	Media Handling Failure	Right variable clamp failed to move to home sensor. Remove plate from exit tray, exit conveyor.
A0722	Media Handling Failure	Right variable clamp failed to move set distance. Remove plate from exit tray, exit conveyor.
A0723	Media Handling Failure	Right variable clamp failed to reach home sensor. Remove plate from exit tray, exit conveyor.
A0741	Media Handling Failure	Right variable clamp is braking the drum due to a position hold failure. Remove plate from exit tray, exit conveyor.

Error code	Failure	Description
A0742	Media Handling Failure	Left variable clamp is braking the drum due to a position hold failure. Remove plate from exit tray, exit conveyor.
A0761	Media Handling Failure	Motor-side VCRM servo timed out on away sensor (17)
A0762	Media Handling Failure	Motor-side VCRM servo timed out on distance
A0771	Media Handling Failure	Encoder-side VCRM servo timed out on away sensor (16)
A0772	Media Handling Failure	Encoder-side VCRM servo timed out on distance
A0791	Media Handling Failure	Motor-side VCRM servo timed out on distance
A0801	Media Handling Failure	Encoder-side VCRM servo timed out on distance
A0821	Media Handling Failure	Variable clamp passed home sensors (20 & 21)
A0841	Vacuum Low or Missing	Low vacuum in variable clamp
A0851	Media Handling Failure	Output nips servo timed out during ramp-up
A0852	Media Handling Failure	Output nips servo timed out during ramp-down
A0853	Media Handling Failure	Drum timed moving fixed clamp near IRM during Unload
A0861	Media Handling Failure	Motor-side VCRM servo timed out going to home sensor (20)
A0862	Media Handling Failure	Motor-side VCRM servo timed out on distance
A0863	Media Handling Failure	Motor-side VCRM servo timed out going to home sensor (20)
A0871	Media Handling Failure	Encoder-side VCRM servo timed out going to home sensor (21)
A0872	Media Handling Failure	Encoder-side VCRM servo timed out on distance
A0873	Media Handling Failure	Encoder-side VCRM servo timed out going to home sensor (21)
A0881	Vacuum Low or Missing	Low vacuum in variable clamp
A0891	Media Handling Failure	Variable clamp did not pass home sensor (20)
A0892	Media Handling Failure	Variable clamp did not pass home sensor (21)
A0901	Media Handling Failure	Input nips failed while moving plate up to correct plate skew. Remove plate from input slot.
A0902	Media Handling Failure	Input nips failed while moving plate down to correct plate skew. Remove plate from input slot.
A0903	Media Parameter Error	Input nip type not defined (MMM parameter 153)
A0904	Media Handling Failure	Input nips failed fast-feeding plate onto drum. Remove plate from input slot.
A0905	Media Handling Failure	Input nips failed slow-feeding plate onto drum. Remove plate from input slot.
A0906	Media Handling Failure	Sensor 13 detected paper entering the drum. Remove plate and slipsheet from input slot.
A0912	Media Handling Failure	Drum timed out moving home after plate load
A0913	Media Handling Failure	IPS timed out correcting position after plate load
A0914	Media Handling Failure	Drum not home after plate load

Error code	Failure	Description
A0915	Media Handling Failure	Drum not home before plate load
A0921	Media Handling Failure	Drum is moving, but should not be
A0922	Media Handling Failure	Drum is moving, but should not be
A0923	Media Handling Failure	Drum is moving, but should not be MCA recovery
A0924	Media Handling Failure	Drum is moving, but should not be during init
A0925	Media Handling Failure	Drum is moving, but should not be during load
A0926	Media Handling Failure	Drum is moving, but should not be before spin up
A0927	Media Handling Failure	Drum is moving, but should not be before unload
A0928	Media Handling Failure	Drum is moving, but should not be load error
A0941	Media Handling Failure	Left variable clamp failed to reach home sensor. Remove plate from exit tray, exit conveyor.
A0951	Media Handling Failure	Right variable clamp failed to move to set distance. Remove plate from exit tray, exit conveyor.
A1011	Media Handling Failure	Output nips timed out moving FC to opening position
A1012	Media Handling Failure	IPS timed out setting slow media handling parameters
A1013	Media Handling Failure	Drum timed out moving FC to opening position
A1014	Media Handling Failure	IPS timed out setting normal media handling parameters
A1015	Media Handling Failure	IPS timed out setting VCA opening FC parameters
A1031	Media Handling Failure	Drum timed out moving to edge detection position
A1032	Media Handling Failure	Drum timed out setting fast media handling parameters
A1033	Media Handling Failure	Drum timed out attempting to find index
A1034	Media Handling Failure	Drum timed out attempting to set gains
A1770	Media Handling Failure	IPS timed out correcting position
A1771	Media Handling Failure	Drum timed out rotating magnetic clamp to MCA position
A1790	Media Handling Failure	Magnetic clamp actuator is not away from drum, but should be
A1791	Media Handling Failure	Magnetic clamp actuator is at the drum, but should not be
A1800	Media Handling Failure	Drum timed out while repositioning after clamping
A1801	Media Handling Failure	IPS timed out setting Hathaway motor gain values
A1820	Media Handling Failure	Magnetic clamp side actuator is not released, but should be
A1821	Media Handling Failure	Magnetic clamp side actuator is retained, but should be released
A1830	Media Handling Failure	Magnetic clamp side actuator is not retained, but should be
A1831	Media Handling Failure	Magnetic clamp side actuator is released, but should be retained
A1851	Media Handling Failure	Drum timed out rotating magnetic clamp away from MCA
A1852	Media Handling Failure	Drum did not rotate magnetic clamp away from MCA
A1853	Media Handling Failure	Drum timed out rotating magnetic clamp to MCA position

Error code	Failure	Description
A1854	Media Handling Failure	MCA is not in the release/pick up position
A1855	Media Handling Failure	Drum timed out rotating magnetic clamp to MCA position
A1856	Media Handling Failure	Unable to determine if the clamps are on the MCA or not
A1857	Media Handling Failure	MCA did not move towards drum, is there air pressure?
A1858	Media Handling Failure	Drum timed out rotating magnetic clamp to touch IRM
A1859	Media Handling Failure	Drum timed out while spinning down after mag clamp touched IRM
A185A	Media Handling Failure	Drum timed out rotating Magnetic clamp to MCA position
A185B	Media Handling Failure	MCA moved toward drum, but did not reach drum
A185C	Media Handling Failure	MCA is at drum and should be away
A1871	Media Handling Failure	Drum timed out rotating to confirm clamp on MCA
A1872	Media Handling Failure	Drum timed out rotating to confirm clamp on MCA
A1881	Media Handling Failure	Drum timed out rotating to relocate magnetic clamp center
A1882	Media Handling Failure	Magnetic clamp actuator is not away from drum, but should be
A1921	Media Handling Failure	Magnetic clamp actuator is not at the drum, but should be
A1922	Media Handling Failure	Magnetic clamp actuator is away from the drum, but should not be
A1931	Media Handling Failure	Input nips failed to square the plate
A1932	Media Handling Failure	Input nips failed to square the plate
A1933	After Deskew, plate is above input sensor.	Remove plate at input.
A1934	Media Handling Failure	After Deskew, Input nips failed to lower plate near flapper.
A1935	Media Handling Failure	After Deskew, Input nips failed to lower plate near flapper.
A2031	Error Recovery Failure	Drum timed out finding index and clamp during plate recovery
A2041	Error Recovery Failure	Drum timed out while spinning down during plate recovery
A2050	Error Recovery Failure	Plate at output nips time-out during plate recovery
A2051	Error Recovery Failure/	Drum timed out finding index and clamp during plate recovery
A2052	Error Recovery Failure	IPS timed out setting slow media speed parameters during plate recovery
A2053	Error Recovery Failure	Drum timed out correcting clamp position during plate recovery
A2054	Error Recovery Failure	IPS timed out setting current position during plate recovery
A2055	Error Recovery Failure	Drum timed out moving to IRM position during plate recovery
A2056	Error Recovery Failure	Drum timed out moving to plate tail position during plate recovery
A2057	Error Recovery Failure	Drum timed out while looking for index during plate recovery
A2061	Error Recovery Failure	IPS timed out setting media parameters during plate recovery

Error code	Failure	Description
A2062	Error Recovery Failure	Drum timed out moving variable clamp past sensor during plate recovery
A2063	Error Recovery Failure	Drum timed out handing plate to output nips during plate recovery
A2064	Media Handling Failure	Drum timed out handing plate to output nips during recovery Unload
A2065	Media Handling Failure	Drum timed out handing plate to output nips during recovery Unload
A2091	Error Recovery Failure	Output nips timed out going to velocity during plate recovery
A2092	Error Recovery Failure	Output nips with clamped plate failing to move drum during plate recovery
A2093	Error Recovery Failure	Output nips timed out going to velocity during plate recovery
A2094	Error Recovery Failure	Output nips timed out on distance during plate recovery
A2095	Error Recovery Failure	Output nips timed out on distance during plate recovery
A2100	Error Recovery Failure	Plate not at output nips during plate recovery
A2101	Error Recovery Failure	IPS timed out setting slow motion parameters during plate recovery
A2102	Error Recovery Failure	IPS timed out setting normal motion parameters during plate recovery
A2111	Error Recovery Failure	Plate recovery failed after four attempts
A2112	Error Recovery Failure	Same error occurred twice during plate recovery
A2115	Error Recovery Failure	Drum timed out while spinning down during plate recovery
A2116	Error Recovery Failure	Drum timed out while spinning down during plate recovery
A2131	Error Recovery Failure	Plate past ironing roller during plate recovery
A2132	Error Recovery Failure	Drum at the wrong position during plate recovery
A2133	Error Recovery Failure	Drum timed out moving to variable clamp release position during plate recovery
A2134	Error Recovery Failure	Drum timed out moving to plate tail position during plate recovery
A2141	Error Recovery Failure	Pump vacuum remains high after closing pump valve during plate recovery
A2142	Error Recovery Failure	IPS timed out setting slow media speed parameters during plate recovery
A2143	Error Recovery Failure	Drum timed out while moving plate to output nips during plate recovery
A2151	Error Recovery Failure	Drum timed out while spinning down during plate recovery
A2152	Error Recovery Failure	IPS timed out setting slow media speed parameters during plate recovery
A2153	Error Recovery Failure	Drum timed out handing plate to output nips during plate recovery
A2154	Error Recovery Failure	Drum timed out handing plate to output nips during plate recovery

Error code	Failure	Description
A2155	Error Recovery Failure	Plate missing from output nips sensor (7) during plate recovery
A2191	Error Recovery Failure	Drum timed out waiting for VC to reach stops during plate recovery
A2231	Error Recovery Failure	Drum timed out rotating magnetic clamp to touch IRM
A2232	Error Recovery Failure	Drum timed out while coming to a stop during plate recovery
A2233		Attempting to measure and remove possible plate on drum
A2236	Error Recovery Failure	Drum timed out moving home during plate recovery
A2237	Error Recovery Failure	Drum timed out rotating fixed clamp away from IRM
A2238	Error Recovery Failure	Unable to move IRM towards the drum
A2239	Error Recovery Failure	Drum timed out rotating fixed clamp to touch IRM
A223A	Error Recovery Failure	Drum timed out while coming to a stop during plate recovery
A223B	Error Recovery Failure	MCA moved toward drum, but did not reach drum
A223C	Error Recovery Failure	Drum timed out while moving to MCA location
A3801	Setup Function Failure	Plate missing from input nips during set-up routine
A3802	Setup Function Failure	Drum timed out rotating fixed clamp away from IRM
A3803	Setup Function Failure	Input sensor timed out while measuring plate
A3804	Setup Function Failure	IPS timed out setting slow media handling parameters
A3805	Setup Function Failure	Drum timed out
A3806	Setup Function Failure	Drum timed out
A3810	Setup Function Failure	Drum timed out
A3811	Setup Function Failure	Drum not at fixed clamp home during set-up routine
A3812	Setup Function Failure	Drum encoder position is too high during set-up routine
A3813	Setup Function Failure	Drum encoder position is too low during set-up routine
A3814	Setup Function Failure	Drum timed out trying to find index
A3815	Setup Function Failure	Drum timed out during set-up routine
A3816	Setup Function Failure	Drum timed out moving home during set-up routine
A3817	Setup Function Failure	Drum timed out rotating fixed clamp away from IRM
A3818	Setup Function Failure	Unable to move IRM towards the drum
A3819	Setup Function Failure	Drum timed out rotating fixed clamp to touch IRM
A381A	Setup Function Failure	Drum timed out while coming to a stop during setup function
A381B	Setup Function Failure	Drum timed out rotating fixed clamp under IRM
A381C	Setup Function Failure	IPS timed out correcting position during setup function
A381D	Setup Function Failure	Drum timed out moving home during set-up routine
A381E	Setup Function Failure	Drum timed out
A381F	Setup Function Failure	Drum timed out

Error code	Failure	Description
A3821	Setup Function Failure	Drum timed out
A3822	Setup Function Failure	Drum timed out
A3831	Setup Function Failure	Drum timed out
A3841	Setup Function Failure	Drum timed out setting slow media handling parameters
A3842	Setup Function Failure	Drum timed out moving to position
A3851	Setup Function Failure	Drum timed out rotating magnetic clamp to touch IRM
A3852	Setup Function Failure	Drum timed out while coming to a stop during setup function
A3853	Setup Function Failure	Drum timed out while rotating magnetic clamp below IRM
A3854	Setup Function Failure	Drum timed out rotating fixed clamp to touch IRM
A3855	Setup Function Failure	Drum timed out while coming to a stop during setup function
A3856	Setup Function Failure	Drum timed out while rotating magnetic clamp to MCA position
A3861	Media Handling Failure	Drum timed out moving to relative position (during edge detect?)
A3901	Media Handling Failure	Drum timed out moving fixed clamp near IRM during Unload
A3911	Media Handling Failure	Volatile memory could not hold its value
A3912	Media Handling Failure	Volatile memory could not hold its value
A3913	Media Handling Failure	Non-volatile memory set to invalid value
A3914	Media Handling Failure	Extended memory could not hold its value
A3915	Media Handling Failure	Engine slipsheet sensor parameter not in range, not initialized or corrupted?
A3971	Media Handling Failure	Drum timed out moving fixed clamp near home during Unload
A4001	Diagnostic Function Failure	Encoder-side VCRM flag timed-out moving to sensor (16) during diagnostic routine.
A4031	Diagnostic Function Failure	Drum timed out moving clamps away during diagnostic routine
A4041	Diagnostic Function Failure	Drum not at fixed clamp home during diagnostic routine
A4191	Diagnostic Function Failure	VC opening FC test failure
A4192	Diagnostic Function Failure	VC opening FC test failure
A4193	Diagnostic Function Failure	VC opening FC test failure
A4194	Diagnostic Function Failure	VC opening FC test failure
A4211	Diagnostic Function Failure	Variable clamp press timed out while engaging during diagnostic routine
A4212	Diagnostic Function Failure	Variable clamp press remains disengaged after engaging during diagnostic routine
A4221	Diagnostic Function Failure	Drum not at fixed clamp home during diagnostic routine
A4341	Diagnostic Function Failure	Plate sensed at input during diagnostic routine
A4511	Diagnostic Function Failure	Plate sensed at input during diagnostic routine
A4512	Diagnostic Function Failure	Input nips timed out on forward distance during diagnostic routine

Error code	Failure	Description
A4513	Diagnostic Function Failure	Input nips timed out on reverse distance during diagnostic routine
A4521	Diagnostic Function Failure	Plate sensed at input during diagnostic routine
A4531	Diagnostic Function Failure	Plate sensed at output during diagnostic routine
A4532	Diagnostic Function Failure	Output nips timed out on forward distance during diagnostic routine
A4533	Diagnostic Function Failure	Output nips timed out on reverse distance during diagnostic routine
A4541	Diagnostic Function Failure	Plate sensed at output during diagnostic routine
A4551	Diagnostic Function Failure	Encoder-side VCRM servo timed out on forward distance during diagnostic routine
A4552	Diagnostic Function Failure	Encoder-side VCRM servo timed out on reverse distance during diagnostic routine
A4571	Diagnostic Function Failure	Motor-side VCRM servo timed out on forward distance during diagnostic routine
A4572	Diagnostic Function Failure	Motor-side VCRM servo timed out on reverse distance during diagnostic routine
A4591	Diagnostic Function Failure	Plate sensed at output nips during diagnostic routine
A4592	Diagnostic Function Failure	Plate sensed on conveyor during diagnostic routine
A4601	Diagnostic Function Failure	Plate sensed at output nips during diagnostic routine
A9999	Media Handling Failure	Undocumented error

## Console Class 1 Errors

Error code	Description
C0001	Abort job command invalid at this time
C0002	Plate count is low
C0004	Exposure value has not been set; run Set Exposure
C0005	Resolution value is invalid
C0006	Operation is invalid at this time
C0007	Job log has reached maximum size
C0008	Engine plate data does not agree with console database
C0009	Engine cassette data does not agree with console database
C000A	Engine cassette data invalid. User must modify data from PlateManager dialog.
C000B	OCT Command to Engine - Failed. Confirm revisions of software and FPGAs.
C000C	OCT Command to Engine - Engine Not in Valid State. Press Offline or Online and Retry Command.
C000D	OCT Command to Engine - Undefined Command
C0010	Output tray logjam error
C0011	Error reading revision file

## Developer Module Class 9 Errors

Error code	Description
D1000	Processor Error. Check processor.
D1006	Processor state is off or standby. Check processor.
D1007	Processor had error condition*Check processor.
D1008	Processor state is diag fault*Check processor.

## PlateManager Input Errors

Error code	Failure	Description
E1411	PlateManager Input Failure	Centralizer did not reach distance in time
E1412	PlateManager Input Failure	Centralizer did not reach home sensor in time
E1413	PlateManager Input Failure	Centralizer did not reach home sensor in time
E1414	PlateManager Input Failure	Centralizer did not reach distance in time
E1415	PlateManager Input Failure	Centralizer did not reach home sensor in time
E1421	PlateManager Input Failure	Nested table not in down position
E1422	PlateManager Input Failure	Plate did not reach plate stop sensor in time
E1423	PlateManager Input Failure	Plate did not reach centralizer pins
E1424	PlateManager Input Failure	Plate did not back up
E1425	PlateManager Input Failure	Centralizer pins did not move in
E1431	PlateManager Input Failure	Conveyor did not reach check distance or sensor
E1432	PlateManager Input Failure	Conveyor did not reach check distance
E1433	Plate on Input Conveyor	Plate on Input Conveyor at Init. Remove plate, then click OK to continue.
E1434	Plate on Input Conveyor	Remove plate, then click OK to continue. Plate on Input Conveyor at Init
E1435	PlateManager Input Failure	Nested table did not reach up distance
E1436	PlateManager Input Failure	Nested table did not reach up distance
E1437	PlateManager Input Failure	Nested table did not reach up sensor
E1438	PlateManager Input Failure	Nested table did not reach up distance
E1439	PlateManager Input Failure	Nested table did not reach down distance or sensor
E143A	PlateManager Input Failure	Nested table did not reach down sensor
E143B	PlateManager Input Failure	Nested table did not reach down distance
E143C	PlateManager Input Failure	Nested table did not reach up distance
E1441	PlateManager Input Failure	Centralizer did not reach plate stop distance
E1451	PlateManager Input Failure	Conveyor did not reach convey distance
E1452	PlateManager Input Failure	Nested table did not reach up distance
E1453	PlateManager Input Failure	Nested table did not reach up distance
E1454	PlateManager Input Failure	Nested table did not reach up sensor
E1455	PlateManager Input Failure	Nested table did not reach up distance
E1461	PlateManager Input Failure	Centralizer did not reach centralize distance, confirm plate width
E1462	PlateManager Input Failure	Centralizer pins did not move out
E1463	PlateManager Input Failure	Plate on Input Conveyor won't centralize. Remove plate (too large), then click OK to continue.

Error code	Failure	Description
E1464	PlateManager Input Failure	Plate on Input Conveyor won't centralize. Remove plate (too large), then click OK to continue.
E1465	PlateManager Input Failure	Plate did not move up
E1471	Plate on Input Conveyor	Centralizer did not reach plate clearance distance or home sensor. Remove plate, then click OK to continue.
E1472	Plate on Input Conveyor	Plate did not reach engine input sensor. Remove plate, then click OK to continue.
E1481	Plate on Input Conveyor	Plate did not reach engine input sensor. Remove plate, then click OK to continue.
E1482	Plate on Input Conveyor	Plate cannot be moved up by conveyor. Remove plate, then click OK to continue.
E1491	PlateManager Input Failure	Plate length is too short
E1492	PlateManager Input Failure/	Plate length is too long
E1493	PlateManager Input Failure	Plate wrap length is too short
E1494	PlateManager Input Failure/	Plate wrap length is too long
E1495	PlateManager Input Failure	Plate is too thin
E1496	PlateManager Input Failure	Plate is too thick
E1531	PlateManager Input Failure	Nested table did not reach up distance or sensor
E1532	PlateManager Input Failure	Nested table did not reach up sensor
E1533	PlateManager Input Failure	Nested table did not reach up distance
E1611	Plate on Input Conveyor	Plate on Input Conveyor at Table Down. Remove plate, then click OK to continue.
E1612	PlateManager Input Failure/	Nested table did not reach down distance or sensor.
E1613/	PlateManager Input Failure	Nested table did not reach down sensor
E1614	PlateManager Input Failure/	Nested table did not reach down distance
E1615	PlateManager Input Failure	Nested table did not reach down distance
E1616	PlateManager Input Failure	Nested table did not reach down sensor
E1617	PlateManager Input Failure/	Nested table did not reach down distance
E2822	NELA Loader Input Failure	Remove possible plate on input conveyor, then click OK to continue. Plate did not reach input pins
E2831	NELA Loader Input Failure	Remove possible plate on input conveyor, then click OK to continue. Plate did not reach input sensor
E2832	NELA Loader Input Failure	Remove possible plate on input conveyor, then click OK to continue. Plate did not reach input sensor
E2833	NELA Loader Input Failure	Remove possible plate on input conveyor, then click OK to continue. Plate did not reach input sensor.

## Carriage Module Class C Errors

Error code	Failure	Description
F4001	Carriage Failure	PLL lock fail
F4002	Carriage Failure	Invalid FIFO captures
F4003	Carriage Jam	
F4004	Carriage Failure	No home sensor
F4005	Carriage Failure	Image error
F4006	Carriage Failure	PLL lost lock
F4007	Carriage Failure	Velocity FIFO full or problem with position encoder, CHECK POSITION ENCODER cable and LED
F4008	Optical Motor Failure	Mag range error
F4009	Optical Motor Failure	Mag needs home error
F400A	Optical Motor Failure	Mag jam error
F400B	Carriage Failure	Carriage destination out of range
F400C	Optical Motor Failure	Focus range error
F400D	Optical Motor Failure	Focus needs home error
F400E	Optical Motor Failure	Focus jam error
F400F	Optical Motor Failure	Strange stepper error
F4010	Optical Motor Failure	Unknown motor error
F4011	Optical Motor Failure	Stepper motor range error
F4012	Optical Motor Failure	Stepper moves aborted
F4013	Optical Motor Failure	Stepper invalid motor command
F4015	Carriage Failure	Invalid carriage speed
F4016	Carriage Failure	Carriage dropped LON message
F4017	Carriage Failure	Carriage home required

## Carriage Module Class 3 Errors

Error code	Failure	Description
F4080	Carriage Boot Test Failure	Carriage FPGA boot test failed
F4081	Carriage Boot Test Failure	Carriage ADC-DAC boot test failed
F4083	Carriage Failure	Lost interlocked 12 Volts
F4084	Carriage Failure	Lost 5 Volt Supply
F40A0	Carriage Failure	Flash program failed
F40A1	Carriage Failure	A2D transmit failed

Error code	Failure	Description
F40A2	Carriage Failure	A2D calibrate failed
F40A5	Carriage Failure	Edge detect buffer overrun
F40A6	Carriage Focus Warning	Inspect plate for possible artifact/Accumulated focus error exceeded threshold
F4999	Carriage Failure	Carriage Error already read

### Carriage Downloader Module Class 5 Errors

Error code	Failure	Description
F4100	Carriage Downloader Failure	Invalid Record Format
F4101	Carriage Downloader Failure	Invalid Record Checksum
F402	Carriage Downloader Failure	Invalid Application Checksum

### Carriage Module Class 3 Errors

Error code	Failure	Description
F4014	Edge detect failed	Confirm plate load position/Fine edge threshold not exceeded
F4018	Carriage Position Warning	Inspect plate for possible artifact/Accumulated position error exceeded threshold
F4082	Carriage Boot Test Failure	AutoFocus Motor boot test failed
F40A3	AutoFocus Failure	Missing Interlocked 12 Volts
F40A4	AutoFocus Failure	AutoFocus laser failure

### Carriage Module Class 5 Errors

Error code	Failure	Description
F4020	Carriage Boot Test Failure	Carriage FPGA boot test failed
F4021	Carriage Boot Test Failure	Carriage APIMHAC boot test failed
F4022	Carriage Boot Test Failure	Carriage ADC-DAC boot test failed
F4023	Carriage Boot Test Failure	Carriage LON boot test failed
F4024	Carriage Boot Test Failure	Carriage boot test failed

## NELA Loader (Handler) Errors

Error code	Failure	Description
HE000	NELA Loader Failure	Preloader error
HE001	NELA Loader Failure	Preloader front error
HE002	NELA Loader Failure	Preloader time-out
HE003	NELA Loader Failure	Preloader not ready
HE004	NELA Loader Failure	Preloader bad command
HE005	NELA Loader Failure	Preloader signal error

## IPS Class 5 Errors

Error code	Failure	Description
I0001	Drum Controller Failure	IPS move aborted by user
I0002	Drum Controller Failure	IPS positive limit switch encountered
I0003	Drum Controller Failure	IPS negative limit switch encountered
I0004	Drum Controller Failure	IPS velocity limit exceeded
I0005	Drum Controller Failure	IPS communication error during move
I0006	Drum Controller Failure	Maximum IPS following error exceeded
I0007	Drum Controller Failure	IPS position is less than minimum allowed
I0008	Drum Controller Failure	IPS position is more than maximum allowed
I0009	Drum Controller Failure	IPS motor temperature limit exceeded
I0011	Drum Controller Failure	Invalid serial command to IPS
I0012	Drum Controller Failure	IPS command cannot be done in STANDBY mode
I0013	Drum Controller Failure	IPS command cannot be done inside a macro
I0014	Drum Controller Failure	IPS variable name is invalid
I0015	Drum Controller Failure	Invalid IPS Syntax for item.
I0016	Drum Controller Failure	Invalid IPS Syntax for number.
I0017	Drum Controller Failure	Invalid IPS radix declaration
I0018	Drum Controller Failure	Invalid IPS syntax for factor
I0019	Drum Controller Failure	Invalid IPS syntax for expression
I001A	Drum Controller Failure	IPS macro number out of range
I001B	Drum Controller Failure	Attempt to write a read-only IPS variable
I001C	Drum Controller Failure	Attempt to back up before beginning of line in IPS macro
I001D	Drum Controller Failure	Attempt to write beyond IPS EEPROM memory

Error code	Failure	Description
I001E	Drum Controller Failure	IPS command not valid without external RAM
I001F	Drum Controller Failure	Name or date string in IPS HC command too long
I0020	Drum Controller Failure	IPS parameter out of range
I0021	Drum Controller Failure	IPS move invalid under current conditions
I0022	Drum Controller Failure	IPS command invalid while in position servo mode
I0023	Drum Controller Failure	IPS command invalid during a move
I0024	Drum Controller Failure	IPS command invalid while in motion
I0025	Drum Controller Failure	IPS command cannot be done in RUN mode
I0026	Drum Controller Failure	Invalid access to parallel port (IPS)

## Job Level Automation (JLA) Class 4 Errors

Error code	Failure	Description
J1051	Job-Level Automation Failure	Plate is on input nips, curtain will not move to home position. Remove plate from input nips.
J1211	Job-Level Automation Failure	Plate Loader already in load position. Plate Loader cannot move to load because already in load position
J1212	Job-Level Automation Failure	Plate Loader cannot move to load because plate in input nips. Remove plate from input nips.
J1221	Job-Level Automation Failure	Plate loader cannot move to operating position because cassette not fully latched (left side). Cassette must be fully latched
J1222	Job-Level Automation Failure	Plate loader cannot move to operating position because cassette not fully latched (right side). Cassette must be fully latched.
J1223	Job-Level Automation Failure	Plate Loader cannot move to run because already in run position. Plate Loader already in run position.
J1351	Job-Level Automation Failure	SIM 12 cannot eject because Plate Loader is not in Load position. Plate Loader must be in Load position.
J1361	Job-Level Automation Failure	SIM 12 cannot retract because Plate Loader is not in Load position. Plate Loader must be in Load position.

## Job-level Automation (JLA) Class 5 Errors

Error code	Failure	Description
J1052	Job-Level Automation Failure	Curtain failed to reach home position
J1061	Job-Level Automation Failure	Curtain failed to reach away position
J1071	Job-Level Automation Failure	Picker assembly failed to reach away position
J1091	Job-Level Automation Failure	Picker assembly failed to reach home position
J1111	Job-Level Automation Failure	Plate Loader failed to complete move because toggle sensor timed out.
J1151	Job-Level Automation Failure	Picker beam failed to reach home position
J1161	Job-Level Automation Failure	Plate Loader motion aborted because cassette not fully latched (left side)
J1162	Job-Level Automation Failure	Plate Loader motion aborted because cassette not fully latched (right side)
J1171	Job-Level Automation Failure	Pick failed to complete because plate is on input nips prior to picker drop
J1181	Job-Level Automation Failure	Picker peeler failed to reach home position
J1201	Job-Level Automation Failure	Plate not picked because cassette not fully latched (left side)
J1202	Job-Level Automation Failure	Plate not picked because cassette not fully latched (right side)
J1241	Initialization failed	JLA failed to initialize because Plate Loader is not home (run position). Plate Loader isn't in run position
J1301	Job-Level Automation Failure	Curtain failed to reach home position after plate feed
J1321	Job-Level Automation Failure	Plate Loader cannot move to load position because home sensor timed out
J1322	Job-Level Automation Failure	Plate Loader failed to complete move to load position because home sensor timed out
J1323	Job-Level Automation Failure	Plate Loader failed to complete move to load position because toggle sensor timed out
J1324	Job-Level Automation Failure	Plate Loader failed to complete move to load position because home sensor timed out
J1331	Job-Level Automation Failure	Plate Loader cannot move to operating position because home sensor is active
J1332	Job-Level Automation Failure	Plate Loader failed to complete move to operating position because toggle sensor timed out
J1333	Job-Level Automation Failure	Plate Loader failed to complete move to operating position because home sensor timed out
J1341	Vacuum Low or Missing	Pump vacuum remains low after opening pump and relief valves during initialization
J1342	Vacuum Low or Missing	Pump vacuum goes low after closing relief valve during initialization

Error code	Failure	Description
J1343	Vacuum Low or Missing	Pump vacuum remains high after closing pump valve during initialization
J1344	Engine Air Pressure Sensor Failure	Pressure sensor fails to detect atmospheric pressure
J1345	Engine Air Pressure Low or Missing	Pressure sensor fails to detect pressure above set point

## Media (not macros) Class 5 Errors

Error code	Failure	Description
M0002	Software Error	
M0003	Communication time-out to IPS	

## MMM Boot Diagnostic Errors

Error code	Failure	Description
MF201	Boot Test Failure	Stack test error
MF202	Boot Test Failure	TPU address test error
MF203	Boot Test Failure	TPU march test error
MF204	Boot Test Failure	TPU BitPat test error
MF205	Boot Test Failure	Address test error
MF206	Boot Test Failure	March test error
MF207	Boot Test Failure	BitPat test error
MF208	Boot Test Failure	QSPI address test error
MF209	Boot Test Failure	QSPI march test error
MF20A	Boot Test Failure	QSPI BitPat test error
MF20B	Boot Test Failure	Flash boot checksum test error
MF20C	Boot Test Failure	Flash application checksum test error
MF20D	Boot Test Failure	LON handshake test error
MF20E	Boot Test Failure	QSPI loopback test error
MF20F	Boot Test Failure	SCE loopback test error
MF210	Boot Test Failure	SCC loopback test error

## Inverter Errors

Error code	Failure	Description
N0001	PlateManager Failure	Timeout error
N0002	PlateManager Failure	Software error
N0003	PlateManager Failure	Runtime error
N0041	PlateManager Failure	External slipsheet traversing mechanism not home
N0251	PlateManager Failure	External slipsheet exit sensor blocked during initialization. External slipsheet exit sensor blocked, check output slot and manually remove slipsheet
N0252	PlateManager Failure	External slipsheet traversing module not home during initialization
N0253	PlateManager Failure	External slipsheet traversing module not home during initialization
N0261	PlateManager Failure	External slipsheet traversing module not home after attempting to move home
N0263	PlateManager Failure	Lead arm move up to sensor 21 timed out. Failure could indicate a problem with servo 3 or sensor 21.
N0264	PlateManager Failure	Lag arm move up to sensor 17 timed out. Failure could indicate a problem with servo 2 or sensor 17.
N0265	PlateManager Failure	Check for lead arm away at sensor 21 failed. Failure could indicate a problem with servo 3 or sensor 21.
N0266	PlateManager Failure	Check for lag arm away at sensor 17 failed. Failure could indicate a problem with servo 2 or sensor 17.
N0267	PlateManager Failure	Lead arm move to distance timed out. Failure could indicate a problem with servo 3.
N0268	PlateManager Failure	Lag arm move to distance timed out. Failure could indicate a problem with servo 2.
N0353	PlateManager Failure/	Lag arm is away at sensor 17 when it is not expected to be. Failure could indicate a problem with servo 2 or sensor 17.
N0354	PlateManager Failure	Lead arm is home at sensor 20 when it is not expected to be. Failure could indicate a problem with servo 3 or sensor 20.
N0355	PlateManager Failure	Lead arm move down to distance timed out. Failure could indicate a problem with servo 3.
N0356	PlateManager Failure	Lead arm move down to distance timed out. Failure could indicate a problem with servo 3 or sensor 20.
N0357	PlateManager Failure	Parameter \$333 (lead & lag arm motor counts/degree) does not contain the correct value of 274.
N0363	PlateManager Failure	Lead arm is away at sensor 21 when it is not expected to be. Failure could indicate a problem with servo 3 or sensor 21.
N0364	PlateManager Failure	Lead arm move up to distance timed out. Failure could indicate a problem with servo 3.
N0365	PlateManager Failure	Lead arm move up to sensor 21 timed out. Failure could indicate a problem with servo 3 or sensor 21.

Error code	Failure	Description
N0366	PlateManager Failure	Parameter \$333 (lead and lag arm motor counts/degree) does not contain the correct value of 274.
N0371	PlateManager Failure	Lead arm is home at sensor 20 when it is not expected to be. Failure could indicate a problem with servo 3 or sensor 20.
N0372	PlateManager Failure	Lag arm move up to distance timed out. Failure could indicate a problem with servo 2.
N0373	PlateManager Failure	Lag arm move up sensor 17 timed out. Failure could indicate a problem with servo 2 or sensor 17.
N0374	PlateManager Failure	Parameter \$333 (lead & lag arm motor counts/degree) does not contain the correct value of 274.
N0381	PlateManager Failure	Lag arm is home at sensor 16 when it is not expected to be. Failure could indicate a problem with servo 2 or sensor 16.
N0382	PlateManager Failure	Lag arm move down to distance timed out. Failure could indicate a problem with servo 2.
N0383	PlateManager Failure	Lag arm move down to sensor 16 timed out. Failure could indicate a problem with servo 2 or sensor 16.
N0384	PlateManager Failure	Parameter \$333 (lead & lag arm motor counts/degree) does not contain the correct value of 274.
N0392	PlateManager Failure	Lead arm move down to home (sensor 20) timed out. Failure could indicate a problem with servo 3 or sensor 20.
N0394	PlateManager Failure	Lead arm move down to home (sensor 20) timed out. Failure could indicate a problem with servo 3 or sensor 20.
N0395	PlateManager Failure	Lead arm is not at home (sensor 20) when it is expected to be
N0396	PlateManager Failure	Lead arm move to distance or home sensor (20) timed out. Failure could indicate a problem with servo 3 or sensor 20.
N0402	PlateManager Failure	Lag arm move to home (sensor 16) timed out. Failure could indicate a problem with servo 2 or sensor 16.
N0403	PlateManager Failure	Lag arm move to home (sensor 16) timed out. Failure could indicate a problem with servo 2 or sensor 16.
N0404	PlateManager Failure	Lag arm move to home (sensor 16) timed out. Failure could indicate a problem with servo 2 or sensor 16.
N0405	PlateManager Failure	Lag arm is not at home (sensor 16) when it is expected to be. Failure could indicate a problem with servo 2 or sensor 16.
N0406	PlateManager Failure	Lag arm move to distance or home (sensor 16) timed out. Failure could indicate a problem with servo 2 or sensor 16.
N0412	PlateManager Failure	Lead arm move to distance timed out. Failure could indicate a problem with servo 3.
N0413	PlateManager Failure	Lead arm move to sensor 21 timed out. Failure could indicate a problem with servo 3 or sensor 21.
N0414	PlateManager Failure	Lead arm is not away at sensor 21 when it is expected to be. Failure could indicate a problem with servo 3 or sensor 21.

Error code	Failure	Description
N0421	PlateManager Failure	Lead arm is not away at sensor 21 when it is expected to be. Failure could indicate a problem with servo 3 or sensor 21.
N0422	PlateManager Failure	Lag arm move away to sensor 17 timed out. Failure could indicate a problem with servo 2 or sensor 17.
N0423	PlateManager Failure	Lag arm is not away at sensor 17 when it is expected to be. Failure could indicate a problem with servo 2 or sensor 17.
N0424	PlateManager Failure	Lag arm move to away (sensor 17) timed out. Failure could indicate a problem with servo 2 or sensor 17.
N0431	PlateManager Failure	Lead arm is not away at sensor 21 when it is expected to be. Failure could indicate a problem with servo 3 or sensor 21.
N0432	PlateManager Failure	Lag arm is away at sensor 17 when it is not expected to be. Failure could indicate a problem with servo 2 or sensor 17.
N0433	PlateManager Failure	Lag arm move away to sensor 17 timed out. Failure could indicate a problem with servo 2 or sensor 17.
N0434	PlateManager Failure	Lag arm is not away at sensor 17 when it is expected to be. Failure could indicate a problem with servo 2 or sensor 17.
N0435	PlateManager Failure	Lag arm move to distance timed out. Failure could indicate a problem with servo 2 or sensor 17.
N0441	PlateManager Failure	Lead arm move up to away (sensor 17) timed out. Failure could indicate a problem with servo 2 or sensor 17.
N0442	PlateManager Failure	Lag arm move up to distance timed out. Failure could indicate a problem with servo 2.
N0443	PlateManager Failure	Lead arm move to distance timed out. Failure could indicate a problem with servo 3.
N0701	PlateManager Failure	Elevator vertically did not reach distance (Parameter 199) or home (sensor 15). Failure could indicate problem with servo 1 or sensor 15.
N0721	PlateManager Failure	Elevator vertically did not reach peel position (sensor 7). Failure could indicate a problem with servo 1 or sensor 7.
N0731	PlateManager Failure	Elevator vertically did not reach distance down before timing out. Failure could indicate a problem with servo 1.
N0732	PlateManager Failure	Elevator vertically did not reach distance down or home (sensor 15). Failure could indicate a problem with servo 1 or sensor 15.
N0781	PlateManager Failure	Lead arm is not away at sensor 21 when it is expected to be. Failure could indicate a problem with servo 3 or sensor 21.
N0782	PlateManager Failure	Lag arm is not away at sensor 17 when it is expected to be. Failure could indicate a problem with servo 2 or sensor 17.
N0791	PlateManager Failure	Elevator height sensor (sensor 7) is blocked when it should not be. Failure could indicate a problem with servo 1 or sensor 7.
N0801	PlateManager Failure	Elevator slide motor move away to SS groove in cassette timed out. Failure could indicate a problem with servo 4.

Error code	Failure	Description
N0802	PlateManager Failure	Elevator vertical move up to sensor 10 (SS capture height) timed out. Failure could indicate a problem with servo 1 or sensor 10.
N0803	PlateManager Failure	Elevator slide motor move home from SS groove in cassette timed out. Failure could indicate a problem with servo 4.
N0852	PlateManager Failure	Elevator slide move toward home timed out. Failure could indicate a problem with servo 4.
N0853	PlateManager Failure	Plate did not reach plate tail edge sensor (sensor 9) on lag arm before timing out. Failure could indicate a problem with servo 7 or sensor 9 or plate could have been dropped.
N0861	PlateManager Failure	Plate did not reach plate head edge sensor (sensor 25) on lead arm before timing out. Failure could indicate a problem with servo 7 or sensor 25.
N0862	PlateManager Failure	Lag arm drive roller did not reach distance before timing out. Failure could indicate a problem with servo 7.
N0881	PlateManager Failure	Elevator slide move toward away did not reach distance before timing out. Failure could indicate a problem with servo 4.
N0882	PlateManager Failure	Plate dropped into cassette during peel. Remove or adjust top plate at cassette door.
N0891	PlateManager Failure	Lead arm move up distance timed out. Failure could indicate a problem with servo 3.
N0901	PlateManager Failure	Plate length measured on top conveyor (\$76) does not match given length (\$2). Remove plate from top conveyor (wrong length).
N0902	PlateManager Failure	Plate did not clear lead arm tail sensor (sensor 25) before timing out. Failure could indicate a problem with servo 6 or sensor 25.
N0904	PlateManager Failure	Plate did not reach end of top conveyor (sensor 11) before timing out. Failure could indicate a problem with servo 6 or sensor 11.
N0931	Slipsheet Not Detected	Examine plate on top conveyor for an attached slipsheet. If there remove slipsheet. If not, check the slipsheet exit slot for partially expelled slipsheet and remove it, then click OK.
N0941	PlateManager Failure	External slipsheet traversing module not home (sensor 24) when it is expected to be. Failure could indicate a problem with servo 8, sensor 24, or the alignment of the SS carriage.
N0942	PlateManager Failure	External slipsheet traversing module move to pre-clamp position timed out. Failure could indicate a problem with servo 8.
N0943	PlateManager Failure	External slipsheet traversing module move to clamp position timed out. Failure could indicate a problem with servo 8.
N0961	PlateManager Failure	External slipsheet traversing module move to home (sensor 24) with slipsheet clamped timed out. Failure could indicate a problem with servo 8, sensor 24, or the alignment of the SS carriage.
N0962	PlateManager Failure	External slipsheet traversing module move to home (sensor 24) with slipsheet clamped timed out. Failure could indicate a problem with servo 8, sensor 24, or the alignment of the SS carriage.

Error code	Failure	Description
N0971	PlateManager Failure	External slipsheet traversing module not home (sensor 24) when expected. Failure could indicate a problem with servo 8, sensor 24, or the alignment of the SS carriage.
N0972	PlateManager Failure	External slipsheet exit sensor blocked, check output slot and manually remove slipsheet/External slipsheet exit sensor blocked, check for stuck slipsheet
N0973	PlateManager Failure	External slipsheet traversing module move to dump position with slipsheet clamped timed out. Failure could indicate a problem with servo 8.
N0974	PlateManager Failure	External slipsheet traversing module move to dump position with slipsheet clamped timed out. Failure could indicate a problem with servo 8.
N0975	PlateManager Failure	External slipsheet traversing module not at sensor 23 when expected. Failure could indicate a problem with servo 8, sensor 23, or the alignment of the SS carriage.
N0981	PlateManager Failure	External slipsheet exit sensor blocked, check output slot and manually remove slipsheet.
N0982	PlateManager Failure	External slipsheet traversing module move to home (sensor 24) from dump timed out. Failure could indicate a problem with servo 8, sensor 24, or the alignment of the SS carriage.
N0983	PlateManager Failure	External slipsheet traversing module move to home (sensor 24) from dump timed out. Failure could indicate a problem with servo 8, sensor 24, or the alignment of the SS carriage.
N0984	PlateManager Failure	External slipsheet traversing module move through (off) home sensor (sensor 24) timed out. Failure could indicate a problem with servo 8, sensor 24, or the alignment of the SS carriage.
N0985	PlateManager Failure	External slipsheet traversing module move back to home (sensor 24) timed out. Failure could indicate a problem with servo 8, sensor 24, or the alignment of the SS carriage.
N0986	PlateManager Failure	External slipsheet traversing module move of 100 counts off home (sensor 24) timed out. Failure could indicate a problem with servo 8, sensor 24, or the alignment of the SS carriage.
N0991	PlateManager Failure	External slipsheet traversing module move through home sensor (sensor 24) timed out. Failure could indicate a problem with servo 8, sensor 24, or the alignment of the SS carriage.
N0992	PlateManager Failure	External slipsheet traversing module move to home (sensor 24) timed out. Failure could indicate a problem with servo 8, sensor 24, or the alignment of the SS carriage.
N0993	PlateManager Failure	External slipsheet traversing module move 100 counts off home (sensor 24) timed out. Failure could indicate a problem with servo 8, sensor 24, or the alignment of the SS carriage.
N0994	PlateManager Failure	External slipsheet traversing module failed move to home (sensor 24) from clamp timed out. Failure could indicate a problem with servo 8, sensor 24, or the alignment of the SS carriage.

Error code	Failure	Description
N0995	PlateManager Failure	External slipsheet traversing module move through home (sensor 24) timed out. Failure could indicate a problem with servo 8, sensor 24, or the alignment of the SS carriage.
N0996	PlateManager Failure	External slipsheet traversing module move to home (sensor 24) timed out. Failure could indicate a problem with servo 8, sensor 24, or the alignment of the SS carriage.
N0997	PlateManager Failure	External slipsheet traversing module move 100 counts off home (sensor 24) timed out. Failure could indicate a problem with servo 8, sensor 24, or the alignment of the SS carriage.
N0998	PlateManager Failure	External slipsheet traversing module move to home from stop timed out. Failure could indicate a problem with servo 8, sensor 24, or the alignment of the SS carriage.
N0999	PlateManager Failure	External slipsheet traversing module move through home sensor timed out. Failure could indicate a problem with servo 8, sensor 24, or the alignment of the SS carriage.
N099A	PlateManager Failure	External slipsheet traversing module move to home (sensor 24) timed out. Failure could indicate a problem with servo 8, sensor 24, or the alignment of the SS carriage.
N099B	PlateManager Failure	External slipsheet traversing module move 100 counts off home (sensor 24) timed out. Failure could indicate a problem with servo 8, sensor 24, or the alignment of the SS carriage.
N1051	PlateManager Failure	Lag arm move up to sensor 17 timed out. Failure could indicate a problem with servo 2 or sensor 17.
N1053	PlateManager Failure	Lag arm did not see plate tail pass over sensor 9. Failure could indicate a problem with servo 7 or sensor 9.
N1057	PlateManager Failure	Lag arm move to distance timed out. Failure could indicate a problem with servo 2.
N2251	PlateManager Failure	Remove plate from the cassette door, then click OK. Inverter error didn't recover plate, so pull it out
N2261	PlateManager Failure	Plate caught in inverter arms is now on top conveyor. Remove plate from top conveyor.
N2621	PlateManager Failure	Inverter error recovery moved plate to top conveyor for removal. Remove plate from top conveyor.
N2622	PlateManager Failure	Inverter error recovery moved plate to top conveyor for removal. Remove plate from top conveyor.
N2623	PlateManager Failure	Inverter error recovery moved plate to top conveyor for removal. Remove plate from top conveyor.
N2624	PlateManager Failure	Plate dropped into cassette during peel. Remove, adjust top plate at cassette door.
N2625	PlateManager Failure	Inverter error recovery moved plate to top conveyor for removal. Remove plate from top conveyor.
N2626	PlateManager Failure	Inverter error recovery moved plate to top conveyor for removal. Remove plate from top conveyor.

Error code	Failure	Description
N2627	PlateManager Failure	Inverter error recovery moved plate to top conveyor for removal. Remove plate from top conveyor.
N2628	PlateManager Failure	Inverter error recovery moved plate to top conveyor for removal. Remove plate from top conveyor.
N2629	PlateManager Failure	Inverter error recovery moved plate to top conveyor for removal. Remove plate from top conveyor.
N262A	PlateManager Failure	Inverter error recovery moved plate to top conveyor for removal. Remove plate from top conveyor.
N262B	PlateManager Failure	Error recovery logic error, check HyperTerminal log for value of param \$398.
N262C	PlateManager Failure	Attempt to back up plate in lead arm roller to sensor 25 timed out. This is done to prevent too much plate header which can cause a jam at the top conveyor nips. Failure could indicate a problem with servo 7 or sensor 25
N2821	PlateManager Failure	Attempt to move lag arm 100 counts timed out and failed. Failure could indicate a problem with servo 2.
N2831	PlateManager Failure	Attempt to move lead arm 100 counts timed out and failed. Failure could indicate a problem with servo 3.
N2911	PlateManager Failure	External slipsheet traversing module move to position failed. Failure could indicate a problem with servo 8 or the alignment of the SS carriage.
N2921	PlateManager Failure	External slipsheet traversing module move to home (sensor 24) from dump position failed. Failure could indicate a problem with servo 8, sensor 24, or the alignment of the SS carriage.
N2922	PlateManager Failure	External slipsheet traversing module move to home (sensor 24) from dump position failed. Failure could indicate a problem with servo 8, sensor 24, or the alignment of the SS carriage.
N2923	PlateManager Failure	External slipsheet traversing module move to position failed. Failure could indicate a problem with servo 8 or the alignment of the SS carriage.
N2931	PlateManager Failure	Slipsheet exit sensor blocked after repeated clearing attempts. Slipsheet jam, check output slot and manually remove slipsheet.
N2941	PlateManager Failure	External slipsheet traversing module move to home (sensor 24) from dump position failed. Failure could indicate a problem with servo 8, sensor 24, or the alignment of the SS carriage.
N3041	PlateManager Failure	Lead arm won't go home (sensor 20) during cal and scale of motor. Failure could indicate a problem with servo 3 or sensor 20.
N3051	PlateManager Failure	Lag arm won't go home (sensor 16) during cal and scale of motor. Failure could indicate a problem with servo 2 or sensor 16.
N3052	PlateManager Failure	Lead arm won't go away (sensor 21) during cal and scale of motor. Failure could indicate a problem with servo 3 or sensor 21.
N3351	PlateManager Failure	External slipsheet traversing module not home (sensor 24) when it is expected to be. Failure could indicate a problem with servo 8, sensor 24, or the alignment of the SS carriage.

Error code	Failure	Description
N3352	PlateManager Failure/	External slipsheet tray move to clamp timed out. Failure could indicate a problem with servo 8.
N3353	PlateManager Failure	External slipsheet tray move to clamp timed out. Failure could indicate a problem with servo 8.
N3354	PlateManager Failure	External slipsheet exit sensor (sensor 23) blocked
N3355	PlateManager Failure	External slipsheet traversing module move to home from dump timed out. Failure could indicate a problem with servo 8, sensor 24, or the alignment of the SS carriage.
N3356	PlateManager Failure	External slipsheet traversing module move to home from dump timed out. Failure could indicate a problem with servo 8, sensor 24, or the alignment of the SS carriage.
N3356	PlateManager Failure	External slipsheet traversing module move to home from dump timed out. Failure could indicate a problem with servo 8, sensor 24, or the alignment of the SS carriage.
N3357	PlateManager Failure	External slipsheet traversing module move through home sensor timed out. Failure could indicate a problem with servo 8, sensor 24, or the alignment of the SS carriage.
N3358	PlateManager Failure	External slipsheet traversing module home setup routine timed out. Failure could indicate a problem with servo 8, sensor 24, or the alignment of the SS carriage.
N3359	PlateManager Failure	External slipsheet traversing module home setup routine timed out. Failure could indicate a problem with servo 8, sensor 24, or the alignment of the SS carriage.
N3361	PlateManager Failure	External slipsheet traversing module not home. Failure could indicate a problem with servo 8, sensor 24, or the alignment of the SS carriage.
N3362	PlateManager Failure	External slipsheet tray move to clamp timed out.

## PlateManager Macro Errors

Error code	Failure	Description
P0011	PlateManager Initialization Warning	Last initialization not complete
P0012	PlateManager Initialization Failure	A servo is not calibrated, scaled. Check value of parameter \$55 to determine which servo.
P0013	PlateManager Initialization Failure	Servo not scaled.
P0014	PlateManager Initialization Failure	A vertical elevator parameter not set correctly. Check value of param \$58 to determine incorrectly set parameter.
P0015	PlateManager top or side access door open	Close door, then click OK
P0016	PlateManager E-stop Depressed	Release E-stop, then click OK.
P0017	PlateManager Interlock Open	Restore interlocks, then click OK.
P0018	PlateManager Initialization Failure	Parameter not set correctly. Check parameter \$58 to determine the incorrectly set parameter.
P0019	PlateManager Initialization Failure	Lead arm plate head sensor detects unexpected plate. Remove plate from the cassette door, then click OK,
P001A	PlateManager Initialization Failure	Unexpected slipsheet detected. Remove slipsheet from the slipsheet slot, then click OK.
P001B	PlateManager Initialization Failure	Lag arm plate tail sensor detects unexpected plate. Remove plate from the top conveyor, then click OK.
P001C	PlateManager Initialization Failure	Sensor 7 stuck in the up position.
P001D	PlateManager Initialization Failure	Sensor 8 reading continuity when it should not be.
P001E	PlateManager Initialization Failure	Sensor 22 reading cassette presence when it should not be.
P001F	PlateManager Initialization Failure	Servo motor encoder feedback test failed - run tests in Unidiag PM Control dialog.
P0661	PlateManager Failure	External slipsheet traversing module move timed out. Failure could indicate a problem with servo 8, or the alignment of the SS carriage.
P0662	PlateManager Initialization Failure	Unexpected slipsheet detected during initialization. Remove slipsheet from the slipsheet slot, then click OK
P0691	PlateManager Failure	Elevator vertically did not get to distance. Failure could indicate a problem with servo 1 or sensor 10
P0751	PlateManager Failure	Attempt to move Elevator slide off frame (sensor 14) timed out and failed. Failure could indicate a problem with servo 4 or sensor 14.
P0752	PlateManager Failure	Elevator slide is still over frame (sensor 14) after an attempt to move it off. Failure could indicate a problem with servo 4 or sensor 14.
P0931	Slipsheet Not Detected	Slipsheet not detected.

Error code	Failure	Description
P1011	PlateManager Failure	This is not a single board configuration. Parameter \$100 is not set to 7
P1201	PlateManager Failure	Logic error: Attempt at claiming software lock for cassette selection failed.
P2051	PlateManager Failure	Elevator slide did not reach home sensor (sensor 27). Failure could indicate a problem with servo 4 or sensor 27.
P2052	PlateManager Failure	Elevator slide did not reach distance before timing out. Failure could indicate a problem with servo 4
P2053	PlateManager Failure	Elevator slide did not reach home sensor (sensor 27). Failure could indicate a problem with servo 4 or sensor 27.
P2054	PlateManager Failure	Elevator slide did not reach distance. Failure could indicate a problem with servo.
P2055	PlateManager Failure	Elevator slide did not reach distance. Failure could indicate a problem with servo 4.
P205A	PlateManager Failure	Elevator slide is not at home (sensor 27) when it is expected to be. Failure could indicate a problem with servo 4 or sensor 27.
P205A	PlateManager Failure	Elevator slide is not at home (sensor 27) when it is expected to be. Failure could indicate a problem with servo 4 or sensor 27.
P2061	PlateManager Failure	Elevator vertically is not home (at sensor 15) when it is expected to be. Failure could indicate a problem with servo 1 or sensor 15.
P2062	PlateManager Failure	Elevator slide did not get off frame sensor (sensor 14). Failure could indicate a problem with servo 4 or sensor 14.
P2063	PlateManager Failure	Elevator slide did not reach frame sensor before timing out. Failure could indicate a problem with servo 4.
P2064	PlateManager Failure	Elevator slide did not reach distance before timing out. Failure could indicate a problem with servo 4.
P2065	PlateManager Failure	Elevator slide did not reach distance before timing out. Failure could indicate a problem with servo 4.
P2066	PlateManager Failure	Elevator slide is not away. Failure could indicate a problem with servo 4.
P2121	PlateManager Failure	Elevator slide did not reach home sensor (sensor 27). Failure could indicate a problem with servo 4 or sensor 27.
P2122	PlateManager Failure	Elevator slide did not reach distance before timing out. Failure could indicate a problem with servo 4.
P2123	PlateManager Failure	Elevator slide did not reach home sensor (sensor 27). Failure could indicate a problem with servo 4 or sensor 27
P2124	PlateManager Failure	Elevator slide did not reach distance. Failure could indicate a problem with servo 4.
P2125	PlateManager Failure	Elevator slide did not reach distance. Failure could indicate a problem with servo 4.
P212A	PlateManager Failure	Elevator slide is not at home (sensor 27) when it is expected to be. Failure could indicate a problem with servo 4 or sensor 27.

Error code	Failure	Description
P2811	PlateManager Failure	Elevator did not reach vertical down distance before timing out. Failure could indicate a problem with servo 1.
P2812	PlateManager Failure	Elevator did not reach vertical up distance before timing out. Failure could indicate a problem with servo 1.
P2841	PlateManager Failure	Elevator slide did not reach backward position before timing out. Failure could indicate a problem with servo 4.
P2842	PlateManager Failure	Elevator did not reach vertical forward position before timing out. Failure could indicate a problem with servo 4.
P3091	PlateManager Failure	Plate axial length not set
P3092	PlateManager Failure	Plate wrap length not set
P3901	PlateManager Failure	\$360 code not set to default battery NVRAM to zero
P4501	PlateManager Failure	Offset parameter not set
P4502	PlateManager Failure	Default parameters not set yet.
P4511	PlateManager Failure	Offset parameter not set
P4512	PlateManager Failure	Default parameters not set yet
P5555	PlateManager motor power interrupted	PlateManager motor power interrupted
P9991	PlateManager Initialization Failure	Servo 1 elevator motor encoder feedback test failed - run tests in Unidiag PM Control dialog
P9992	PlateManager Initialization Failure	Servo 2 lag arm swing motor encoder feedback test failed - run tests in Unidiag PM Control dialog
P9993	PlateManager Initialization Failure	Servo 3 lead arm swing motor encoder feedback test failed - run tests in Unidiag PM Control dialog
P9994	PlateManager Initialization Failure	Servo 4 elevator slide motor encoder feedback test failed - run tests in Unidiag PM Control dialog
P9996	PlateManager Initialization Failure	Servo 6 top conveyor roller motor encoder feedback test failed - run tests in Unidiag PM Control dialog
P9997	PlateManager Initialization Failure	Servo 7 lag arm roller motor encoder feedback test failed - run tests in Unidiag PM Control dialog
P9998	PlateManager Initialization Failure	Servo 8 SS carriage motor encoder feedback test failed - run tests in Unidiag PM Control dialog

## Processor Class 9 Errors

Error code	Failure	Description
Q1000	Processor Error	Check processor.
Q1006	Processor state is off or standby	Check processor
Q1007	Processor had error condition	Check processor.
Q1008	Processor state is diag fault	Check processor.

## System Sequencer Class 1 Errors

Error code	Failure	Description
S0006	RIP Communication Failure	INVALID ALF COMMAND RIP
S0007	OCT Communication Failure	INVALID ALF COMMAND CONSOLE
S0411	Updating Event Log	Unexpected software state reached, recording C1
S0D0C	Parameter Error	Parameter doctor found a problem
S1006	Too many plate requests	TOO MANY PREFETCHES
S1007	Error Recovery Failure	INVALID SPECIAL RECOVERY
S100A	Incorrect plate ID or bin number	INVALID BIN NUMBER
S100B	Cassette not loaded	
S100E	Software Failure	Bad EEPROM write
S100F	Software Failure	Power down write fail
S1011	Image sent before plate requested	Image data before plate in drum
S1012		Reboot required
S1013		Exposure value in database is zero
S1014		Cassette ID read failure in PlateManager
S1015	Invalid imaging parameter value	Invalid resolution
S1016	Online not allowed at this time.	Please wait and try again!
S1017		Diagnostic page not allowed.
S1018	Online processor communication failure	Processor did not respond, check processor. Check OLP and cables
S1022	Invalid imaging parameter value	Invalid video mode
S1023	Reboot required	Please reboot engine
S1048	Parameter Error	Auto error reproduction running
S1049	Parameter Error	Laser warm-up parameters not set up
S104C	Parameter Error	System is using default Vdda data
S104D	Parameter Error	Calibration parameters invalid

Error code	Failure	Description
S104E	Parameter Error	Calibration focus parameter invalid, check hall range
S104F		Please remove plate from output tray
S1050	Parameter Error	Calibration configuration problem or boot error
S1051	Engine powered down during last calibration.	Full calibration will be executed before the first image!
S1055	OCT Communication Failure	Console unsupported command
S1056	RIP Communication Failure	RIP unsupported command
S1057	Internal Communication Failure	Applicator unsupported command
S1058	Internal Communication Failure	Media unsupported command
S1059	Internal Communication Failure	Carriage unsupported command
S105A	Internal Communication Failure	IPS unsupported command
S105B	Internal Communication Failure	EDLIM unsupported command
S105C	Internal Communication Failure	Unknown device unsupported command
S105D	Parameter Error	Auto exposure parameters are not setup. Auto exposure feature is disabled!
S105E	Software Failure	Console parameter queue error
S105F	Software Failure	EDLIM parameter queue error
S1060	Software Failure	RIP parameter queue error
S1061	Software Failure	No plate for edge detect
S1062	Software Failure	Job queue full error
S1065	Parameter Error	Auto exposure config or boot problem
S1066	Parameter Error	OFF level calibration problem
S1067	Parameter Error	Calibration enabled but not configured
S1068	Service required soon	Please call field service
S1069	Cassette empty or plate load problem	No more plates or jam before reaching engine
S106A	Operation not allowed; please wait for plates to clear engine	Automation control not allowed
S106C	Automatic focus check is enabled without automatic warm-up	Enable auto warm-up or disable automatic focus check
S106D	Optics bed alignment problem	Fix optics bed alignment problem
S106E	GLV charge built up	Enable active discharge if not already done
S106F	ON level calibration exceeded retry limit	Verify calibration parameters and alignment
S1070	ON level calibration profile at zero	Verify GLV is clean, adjust default ON level
S1071	PlateManager Cassette Error	

Error code	Failure	Description
S1072	PlateManager Cassette Not Loaded	Prefetched plate not available, check for zero plate count, check for multiple plates with the same sizes
S1073	PlateManager Slipsheet Limit Reached	
S1075	No Plates Detected In Cassette	
S10A0	Selected mode is already active	Automation control not needed
S10A1	Automation Control Not Allowed	Check automation mode
S10A2	Edge Detect Turned Off	Check edge detect parameters
S10A3	Parameter Error	Problem with FP parameter, check Printdrive version
S10A4	Corrected invalid plate sensitivity value in database	You may need to adjust exposure settings to compensate
S10A6	Waiting for plate to leave Exit Conveyor	Please remove if jammed
S10A7	Invalid exposure value in plate database.	Overriding exposure to use minimum value for current job.
S10A8	Invalid exposure value in plate database.	Overriding exposure to use maximum value for current job.
S10A9	Invalid plate sensitivity in plate database.	Overriding plate sensitivity to use minimum value for current job.
S10AA	Invalid plate sensitivity in plate database.	Overriding plate sensitivity to use maximum value for current job.
S10AB	Invalid exposure for hardware configuration.	Decreasing exposure to legal value for current job.
S10AC	Invalid plate sensitivity in plate database.	Decreasing plate sensitivity to legal value for current job
S10AF	Dongle requires activation	Activate dongle to maximize dongle error reporting
S10B0	Parameter Error	Beam count confusion (could be caused by Unidiag), reset beam count again
S10B1	Parameter Error	Too many plates for the engine
S10B2	Parameter Error	Check fast scan dimension of job
S10B3	Scan problem. Restoring previous calibration profile.S10B3	Incorrect number of peaks detected during scan, check cal sensor position and check for dirt.
S10B4	Parameter Error	JLA throughput speedup not valid for aluminum drum engines
S10B5	Updating Event Log	Job missing or duplicated in Job Queue, Recording C1
S10B6	Reset All Still Running	
S10B8	No punches valid for this plate size	Recording plate size in C1
S10B9	Invalid plate size for punch configuration	Recording cur and valid configs in C1

Error code	Failure	Description
S10BA	Invalid plate size for punch configuration	Plate will not be punched. Recording cur and valid configs in C1
S10CA	Left Output Not Configured	Plate wants to go left, but left output is not configured, check via UniDiag
S10CB	Right Output Not Configured	Plate wants to go right, but right output is not configured, check via UniDiag
S801C	Laser Power Supply Failure	Laser power supply reads low, on imager install confirm laser connection to PELVIS
S902F	Dongle Failure	Check dongle, confirm activation via UniDiag
S9040	Dongle expired	Manufacturing dongle

### System Sequencer Class 4 Errors

Error code	Failure	Description
S1008	POSSIBLE PLATE IN DRUM	Click OK to initiate error recovery
S10A5	Error Recovery Still Running	Please wait and try again!

### System Sequencer Class 5 Errors

Error code	Failure	Description
S0001	Software Failure	TIMEOUT ERROR
S0002	Software Failure	SOFTWARE ERROR
S0003	Software Failure	RUNTIME ERROR
S0004	Internal Communication Failure	INVALID ALF COMMAND MEDIA HANDLER
S0005	Internal Communication Failure	INVALID ALF COMMAND IMAGER
S0008	Internal Communication Failure	INVALID ALF COMMAND DEVELOPER
S0009	Internal Communication Failure	INVALID ALF COMMAND HANDLER
S1000	Internal Communication Failure	MEDIA SUBSYSTEM COMM TIMEOUT
S1001	Internal Communication Failure	EDLIM COMM TIMEOUT
S1002	RIP Communication Failure	RIP COMM TIMEOUT
S1003	OCT Communication Failure	CONSOLE COMM TIMEOUT
S1004	Internal Communication Failure	CARRIAGE COMM TIMEOUT
S1005	Internal Communication Failure/	Media Manager COMM TIMEOUT
S1009	Software Failure	Multiple errors, cannot continue
S100D	Media recovery did not complete	Plate may still be in system

Error code	Failure	Description
S1019	Internal Communication Failure	INPUT COMM TIMEOUT
S1020	Internal Communication Failure	APPLICATOR COMM TIMEOUT
S1021	Parameter Error	Idle time less than or equal to warm-up time
S1021	Parameter Error	Idle time less than or equal to warm-up time
S1024	Software Failure	Console read task error
S1025	Software Failure	Console write task error
S1026	Software Failure	PlateManager read task error
S1027	Software Failure	PlateManager write task error
S1028	Software Failure	RIP read task error
S1029	Software Failure	RIP write task error
S102A	Software Failure	System sequencer task error
S102B	Software Failure	Image sequencer task error
S102C	Software Failure	Sniffer task error
S102D	Software Failure	Root task error
S102E	Invalid Mode For Command	DNI to Printdrive
S102F	Software Failure	Carriage read task error
S1030	Software Failure	Carriage write task error
S1031	Software Failure	EDLIM read task error
S1032	Software Failure	EDLIM write task error
S1033	Internal Communication Failure	LON error
S1034	Internal Communication Failure	Neuron sync UP Error
S1035	Invalid Edge Detected	Carriage returned edge <= 0
S1036	Internal Communication Failure	Network interface error
S1037	Internal Communication Failure	Network interface out of memory error
S1038	Internal Communication Failure	Network interface network error
S1039	Internal Communication Failure	Network interface message failure
S103A	Internal Communication Failure	Network interface response error
S103A	Internal Communication Failure	Network interface response error
S103B	Internal Communication Failure	Network interface reopen driver error
S103C	Software Failure	Undefined parameter error
S103D	Software Failure	Carriage module reinstalled failure
S103E	Software Failure	Carriage module carriage home error
S103F	Software Failure	Invalid device error
S1040	Software Failure	Message undefined error

Error code	Failure	Description
S1041	Software Failure	Network variable error
S1042	Software Failure	Buffer allocation error
S1043	Software Failure	Array overflow error
S1044	Software Failure	Undefined event error
S1045	Software Failure	LON initialize error
S1046	Parameter Error	Linearity correction table checksum mismatch
S1047	Parameter Error	Calibration profile table checksum mismatch
S1052	EDLIM requires download	
S1053	CM requires download	
S1054	MMM requires download	
S1063	Image Transfer Error	Image transfer error
S1064	Software Failure	Too many retries
S106B	Automatic warm-up is enabled without calibration/	Enable calibration or disable automatic warm-up
S1074	Invalid Error Information	Set up HyperTerminal trace to engine media board to diagnose error source
S1076	PlateManager Communication Failure	Plate Manager COMM TIMEOUT
S1077	Invalid Error Information	Setup HyperTerminal trace to PM board to diagnose error
S10B7	Dongle Problem	Possible dongle software mismatch, check for XXT or old style AME
S10C2	Checksum Problem	Error from imaging diagnostic test
S10C3	Invalid Error Information	Setup hyperterminal trace to Engine Media to diagnose error
S10C4	Invalid Error Information	Error device invalid, shown in C1, check software mismatch
S10C5	Invalid Error Information	Error device invalid, shown in C1, check software mismatch
S10C6	Parameter Error	No PTD (plate type database) defined for EPD (expanded plate database)
S10C7	Invalid plate type value in OCT plate database	Reset plate type setting via OCT plate dialog, possible EPD startup issue, C1 parameter shows bad plate ID in hex
S10C8	Invalid polarity in OCT plate database	Reset polarity via OCT plate dialog, possible EPD off startup issue, C1 parameter shows bad plate ID in hex
S10C9	Operation allowed at powerup only, please powercycle engine and try again	If interlock power is needed, covers must be on or service key engaged.
S10CC	Output Device 2 communication failure*Check Output Device 2 and cables.	Output Device 2 did not respond, check Output Device 2.
S10CE	No Off Board Calibration Sensor Cable Detected	Check LVDS connector on the BigSys board.

Error code	Failure	Description
S1101	Boot Stack Tests	
S1102	Boot Flash Tests	Update sequencer software
S1103	Boot RAM Tests	
S1104	Boot System MOD Tests	
S1105	Boot Hot Link Tests	
S1106	Boot Serial Tests	
S1107	Boot LON Tests	
S1108	Boot APIS Serial Tests	
S1109	Boot No Flash Sum Tests	
S110A	Boot Unknown	
S110C	Boot MEMOCOM Serial Test	
S110D	Boot CARAFE Serial Test	
S110E	Boot iButton Serial Test	
S110F	Boot NVRAM Memory Tests	
S1110	Boot Voltage Tests	
S1200	Interlock Failure	Interlock cable not connected
S1201	Interlock Failure	Laser relay not open
S1202	Interlock Failure	Interlock power fault or unreported door open
S1203	Interlock Failure/	Laser relay not closed
S1204	Interlock Failure	24 Volt power source missing
S1205	Interlock Failure	Drum Brake Not ON
S1206	Interlock Failure	Drum Brake Not Off
S8001	Hardware Failure	GLV SPI
S8002	Hardware Failure	GLV not present
S8003	Chiller not on	Chiller not on or water flow reversed to engine
S8004	Chiller Low Flow Warning	
S8005	Hardware Failure	GLV Power
S8006	Hardware Failure	I2C failure
S8009	Hardware Failure	Parameter out of range
S800A	Hardware Failure	Pelvis Test
S800B	Hardware Failure	Shutter at Rail
S800C	Hardware Failure	Wrong peak count
S800D	Hardware Failure	Bad Calibration Power
S800E	Hardware Failure	Auto exposure not base lined

Error code	Failure	Description
S800F	Hardware Failure	Laser not ready
S8010	Hardware Failure	No Peak Data
S8011	Hardware Failure	Cannot Calibrate
S8012	Hardware Failure	Mag home not found
S8013	Hardware Failure	No mag motor
S8014	Hardware Failure	Invalid mag position
S8015	Hardware Failure	Mag motor time-out
S8016	Hardware Failure	Calibration FIFO read error
S8017	Hardware Failure	APIS not present
S8018	Hardware Failure	PELVIS cable 1 not present
S8019	Hardware Failure	PELVIS cable 2 not present
S801A	Chiller flow too low	
S801B	Hardware Failure	Contrast ratio
S801D	Hardware Failure	GLV Buddy Module
S801E	Hardware Failure	Focus home not found
S801F	Hardware Failure	No focus motor
S8020	Hardware Failure	Invalid focus position
S8021	Hardware Failure	Focus motor timeout
S8022	GLV exposure non-uniformity detected	Problem detected from dirt test

## System Sequencer Class A Errors

Error code	Failure	Description
S104A	No image data received	
S104B	False edge detected	

## System Sequencer Class C Errors

Error code	Failure	Description
S110B	Imaging Problem	Verify all drum speed hardware. Verify dongle and beam count.

## Cassette Selection Errors

Error code	Failure	Description
T0151	PlateManager Failure	Lead or lag arm not in the up position, can not move to load
T0161	Cannot Continue, No Cassette in A Location	Open cassette load door, insert a cassette, then click OK. No A cassette at init
T0162	PlateManager Failure	Cassette location invalid (parameter 352)
T0163	PlateManager Failure	Cassette status parameters do not equal
T0164	PlateManager Failure	Reinitialization parameter out of range
T0501	PlateManager Failure	Peeler motor time-out. Failure could indicate a problem with gear 4 or sensor 12.
T0502	PlateManager Failure	Peeler motor time-out. Failure could indicate a problem with gear 4 or sensor 12.
T0511	PlateManager Failure	Peeler motor time-out. Failure could indicate a problem with gear 4 or sensor 12.
T0512	PlateManager Failure	Peeler motor time-out. Failure could indicate a problem with gear 4 or sensor 12.
T0711	PlateManager Failure	Logic error
T0712	PlateManager Failure	Elevator vertically did not reach peel position crash sensor before timing out. Failure could indicate a problem with servo 1 or sensors 7 or 8.
T0713	PlateManager Failure	Elevator vertically did not reach pre-peel position before timing out. Failure could indicate a problem with servo 1.
T0741	PlateManager Failure	Elevator slide overhanging frame. Failure could indicate a problem with servo 4 or sensor 14.
T0742	PlateManager Failure	Elevator vertically did not reach home sensor (15) before timing out. Failure could indicate a problem with servo 1 or sensor 15.
T0743	PlateManager Failure	Elevator vertically did not reach up distance before timing out. Failure could indicate a problem with servo 1.
T0744	PlateManager Failure	Elevator vertically did not reach home sensor (15) before timing out. Failure could indicate a problem with servo 1 or sensor 15.
T0744	PlateManager Failure/	Elevator vertically did not reach home sensor (15) before timing out. Failure could indicate a problem with servo 1 or sensor 15.
T0745	PlateManager Failure	Elevator vertically did not reach up distance before timing out. Failure could indicate a problem with servo 1.
T0746	PlateManager Failure	Elevator vertically did not reach home sensor (15) before timing out. Failure could indicate a problem with servo 1 or sensor 15.
T0747	PlateManager Failure	Elevator vertically is not at home sensor (15). Failure could indicate a problem with servo 1 or sensor 15.
T0761	PlateManager Failure	Elevator slide did not reach distance before timing out. Failure could indicate a problem with servo 4.

Error code	Failure	Description
T0762	PlateManager Failure	Elevator slide did not reach distance before timing out. Failure could indicate a problem with servo 4.
T0763	PlateManager Failure	Elevator slide did not reach home sensor (27) before timing out. Failure could indicate a problem with servo 4 or sensor 27.
T0764	PlateManager Failure	Elevator slide did not reach distance before timing out. Failure could indicate a problem with servo 4.
T0765	PlateManager Failure	Elevator slide did not reach home sensor (27) before timing out. Failure could indicate a problem with servo 4 or sensor 27.
T0766	PlateManager Failure	Elevator slide did not reach distance before timing out. Failure could indicate a problem with servo 4.
T0766	PlateManager Failure	Elevator slide did not reach distance before timing out. Failure could indicate a problem with servo 4.
T0767	PlateManager Failure	Elevator slide did not reach distance before timing out. Failure could indicate a problem with servo 4.
T0768	PlateManager Failure	Elevator slide is not at home sensor (27) before timing out. Failure could indicate a problem with servo 4 or sensor 27.
T0771	PlateManager Failure	Elevator slide did not reach distance before timing out. Failure could indicate a problem with servo 4.
T0772	PlateManager Failure	Elevator slide did not reach peel sensor (26) before timing out. Failure could indicate a problem with servo 4 or sensor 26.
T0773	PlateManager Failure	Elevator slide did not reach distance before timing out. Failure could indicate a problem with servo 4.
T0774	PlateManager Failure	Elevator slide did not reach distance before timing out. Failure could indicate a problem with servo 4.
T0775	PlateManager Failure	Elevator slide is not at peel sensor (26) before timing out. Failure could indicate a problem with servo 4 or sensor 26.
T1621	PlateManager Failure	Docking station did not reach undocked position before timing out. Failure could indicate a problem with gear 1 or sensor 18. Also check for something obstructing the docking paddles.
T1641	PlateManager Failure	Docking station did not reach docked position before timing out. Failure could indicate a problem with gear 1 or sensor 19. Also check for something obstructing the docking paddles.
T1661	PlateManager Failure	Elevator slide not home. Failure could indicate a problem with servo 4 or sensor 27.
T1662	PlateManager Failure	Elevator not vertically home. Failure could indicate a problem with servo 1 or sensor 15.
T1663	Cannot Continue, No Cassette in A Location	Open cassette load door, insert a cassette, then click OK. No A cassette at cassette init
T1664	Cannot Continue, No Cassette in A Location	Open cassette load door, insert a cassette, then click OK/no A cassette at cassette init
T1665	PlateManager Failure	Invalid total cassettes on elevator parameter 342

Error code	Failure	Description
T1666	PlateManager Warning	Error reading ID for cassette D location. ID read error for cassette D location. Check for proper alignment of cassette ID label.
T1667	PlateManager Warning	ID read error for cassette C location. Check for proper alignment of cassette ID label.
T1668	PlateManager Warning	ID read error for cassette B location. Check for proper alignment of cassette ID label.
T1669	PlateManager Warning	ID read error for cassette A location. Check for proper alignment of cassette ID label.
T166A	PlateManager Failure	No cassettes found in PlateManager.
T166B	PlateManager Failure	Cassette ID out of range
T166C	PlateManager Failure	Cassette ID out of range
T166D	PlateManager Failure	Cassette ID out of range
T166E	PlateManager Failure	Cassette ID out of range
T1671	PlateManager Failure	Cassette with requested ID not present in PlateManager
T1672	PlateManager Failure	Cassette selection parameter out of range
T1681	PlateManager Failure	Cassette ID is 0
T1682	PlateManager Failure	Cassette ID out of range
T1683	PlateManager Failure	Cassette ID out of range
T1701	PlateManager Failure	Docking station not in docked or undocked position
T1711	PlateManager Failure	Unequal cassette parameter numbers. 4 cassettes detected on elevator (\$342) but a non zero number of cassettes in the docking station (\$341).
T1712	PlateManager Failure	Unequal cassette parameter numbers. 3 cassettes detected on elevator (\$342) but more than 1 cassette in the docking station (\$341).
T1713	PlateManager Failure	Unequal cassette parameter numbers. 2 cassettes detected on elevator (\$342) but more than 2 cassettes in the docking station (\$341).
T1714	PlateManager Failure	Unequal cassette parameter numbers. 1 cassette detected on elevator (\$342) but more than 3 cassettes in the docking station (\$341).
T1715	PlateManager Failure	No cassettes in PlateManager or invalid number of cassette on elevator parameter.
T1721	PlateManager Failure	Unequal cassette parameter numbers. 4 cassettes detected on elevator (\$342) but a non zero number of cassettes in the docking station (\$341).
T1722	PlateManager Failure	Number of cassettes on the elevator (\$342) plus number of cassettes in docking station (\$341) does not equal total number of cassettes in the PlateManager (\$343).

Error code	Failure	Description
T1723	PlateManager Failure	Number of cassettes on the elevator (\$342) plus number of cassettes in docking station (\$341) does not equal total number of cassettes in the PlateManager (\$343).
T1724	PlateManager Failure	Number of cassettes on the elevator (\$342) plus number of cassettes in docking station (\$341) does not equal total number of cassettes in the PlateManager (\$343).
T1725	PlateManager Failure	No cassettes in PlateManager or invalid number of cassette on elevator parameter.
T1731	PlateManager Failure	Number of cassettes on the elevator (\$342) plus number of cassettes in docking station (\$341) does not equal total number of cassettes in the PlateManager (\$343).
T1732	PlateManager Failure	Number of cassettes on the elevator (\$342) plus number of cassettes in docking station (\$341) does not equal total number of cassettes in the PlateManager (\$343).
T1733	PlateManager Failure	Number of cassettes on the elevator (\$342) plus number of cassettes in docking station (\$341) does not equal total number of cassettes in the PlateManager (\$343).
T1734	PlateManager Failure	Number of cassettes on the elevator (\$342) plus number of cassettes in docking station (\$341) does not equal total number of cassettes in the PlateManager (\$343).
T1735	PlateManager Failure	No cassettes in PlateManager or invalid number of cassette on elevator parameter.
T1741	PlateManager Failure	Number of cassettes on the elevator (\$342) plus number of cassettes in docking station (\$341) does not equal total number of cassettes in the PlateManager (\$343).
T1742	PlateManager Failure/	Number of cassettes on the elevator (\$342) plus number of cassettes in docking station (\$341) does not equal total number of cassettes in the PlateManager (\$343).
T1743	PlateManager Failure	Number of cassettes on the elevator (\$342) plus number of cassettes in docking station (\$341) does not equal total number of cassettes in the PlateManager (\$343).
T1744	PlateManager Failure	Number of cassettes on the elevator (\$342) plus number of cassettes in docking station (\$341) does not equal total number of cassettes in the PlateManager (\$343).
T1745	PlateManager Failure	No cassettes in PlateManager or invalid number of cassettes on elevator parameter.
T1751	PlateManager Failure	Elevator slide is not home when expected to be. Failure could indicate a problem with servo 4 or sensor 27.
T1752	PlateManager Failure	Elevator vertically is not home when expected to be. Failure could indicate a problem with servo 1 or sensor 15.
T1753	PlateManager Failure	Elevator vertically did not reach Docking Cassette D in Docking Station Height (\$326). Failure could indicate a problem with servo 1.

Error code	Failure	Description
T1753	PlateManager Failure	Elevator vertically did not reach Docking Cassette D in Docking Station Height (\$326). Failure could indicate a problem with servo 1.
T1754	PlateManager Failure/	Elevator vertically did not reach Docking Cassette D in Docking Station Height (\$326). Failure could indicate a problem with servo 1.
T1755	PlateManager Failure	Elevator vertically is not home or \$31 not zeroed
T1761	PlateManager Failure	Elevator slide is not home when expected to be. Failure could indicate a problem with servo 4 or sensor 27.
T1762	PlateManager Failure	Elevator vertically is not home. Failure could indicate a problem with servo 1 or sensor 15.
T1763	PlateManager Failure	Elevator vertically did not reach Docking Cassette D and C in Docking Station Height (\$327). Failure could indicate a problem with servo 1.
T1764	PlateManager Failure	Elevator vertically did not reach Docking Cassette D and C in Docking Station Height (\$327). Failure could indicate a problem with servo 1.
T1765	PlateManager Failure	Elevator vertically is not home when expected to be
T1771	PlateManager Failure	Elevator slide is not home when expected to be. Failure could indicate a problem with servo 4 or sensor 27.
T1772	PlateManager Failure	Elevator vertically is not home. Failure could indicate a problem with servo 1 or sensor 15
T1773	PlateManager Failure	Elevator vertically did not reach Docking Cassette D, C, and B in Docking Station Height (\$328). Failure could indicate a problem with servo 1.
T1774	PlateManager Failure	Elevator vertically did not reach Docking Cassette D, C, and B in Docking Station Height (\$328). Failure could indicate a problem with servo 1.
T1775	PlateManager Failure	Elevator vertically is not home when expected to be
T1781	PlateManager Failure	Elevator slide is not home when expected to be. Failure could indicate a problem with servo 4 or sensor 27.
T1782	PlateManager Failure	Elevator vertically is not home. Failure could indicate a problem with servo 1 or sensor 15.
T1783	PlateManager Failure	Elevator vertically did not reach Cassette D Load/Unload/ID Read Height (\$320). Failure could indicate a problem with servo 1.
T1784	PlateManager Failure	Elevator vertically did not reach Cassette D Load/Unload/ID Read Height (\$320). Failure could indicate a problem with servo 1.
T1785	PlateManager Failure	Elevator vertically is not home when expected to be
T1791	PlateManager Failure	Elevator slide is not home when expected to be. Failure could indicate a problem with servo 4 or sensor 27.
T1792	PlateManager Failure	Elevator vertically is not home. Failure could indicate a problem with servo 1 or sensor 15.

Error code	Failure	Description
T1793	PlateManager Failure	Elevator vertically did not reach Cassette C Load/Unload/ID Read Height (\$321). Failure could indicate a problem with servo 1.
T1794	PlateManager Failure	Elevator vertically did not reach Cassette C Load/Unload/ID Read Height (\$321). Failure could indicate a problem with servo 1.
T1795	PlateManager Failure	Elevator vertically is not home when expected to be
T1801	PlateManager Failure	Elevator slide is not home. Failure could indicate a problem with servo 4 or sensor 27.
T1802	PlateManager Failure	Elevator vertically is not home. Failure could indicate a problem with servo 1 or sensor 15.
T1803	PlateManager Failure	Elevator vertically did not reach Cassette B Load/Unload/ID Read Height (\$322). Failure could indicate a problem with servo 1.
T1804	PlateManager Failure	Elevator vertically did not reach Cassette B Load/Unload/ID Read Height (\$322). Failure could indicate a problem with servo 1.
T1805	PlateManager Failure	Elevator vertically is not home when expected to be
T1811	PlateManager Failure	Elevator slide is not home. Failure could indicate a problem with servo 4 or sensor 27.
T1812	PlateManager Failure	Elevator vertically is not home. Failure could indicate a problem with servo 1 or sensor 15.
T1813	PlateManager Failure	Elevator vertically did not reach Cassette A Load/Unload/ID Read Height (\$323). Failure could indicate a problem with servo 1.
T1814	PlateManager Failure	Elevator vertically did not reach Cassette A Load/Unload/ID Read Height (\$323). Failure could indicate a problem with servo 1.
T1815	PlateManager Failure	Elevator vertically is not home when expected to be
T1831	PlateManager Failure	Cassette selection parameter (\$351) is out of range. Failure could indicate possible parameter corruption.
T1841	PlateManager Failure	Unequal cassette parameter numbers. # of cassettes on the elevator (\$342) + # of cassettes in docking station (\$341) does not equal total # of cassettes in PM (\$343).
T1845	PlateManager Failure	No cassettes in PlateManager or invalid number of cassette on elevator parameter (\$342)
T1847	PlateManager Warning	Not enough cassettes in the PlateManager to load from this location
T1851	PlateManager Failure	Unequal cassette parameter numbers. # of cassettes on the elevator (\$342) + # of cassettes in docking station (\$341) does not equal total # of cassettes in PM (\$343).
T1855	PlateManager Failure	No cassettes in PlateManager or invalid number of cassette on elevator parameter
T1857	PlateManager Warning	Not enough cassettes in the PlateManager to load from this location
T1861	PlateManager Failure	Unequal cassette parameter numbers. # of cassettes on the elevator (\$342) + # of cassettes in docking station (\$341) does not equal total # of cassettes in PM (\$343).

Error code	Failure	Description
T1862	PlateManager Failure	Unequal cassette parameter numbers. # of cassettes on the elevator (\$342) + # of cassettes in docking station (\$341) does not equal total # of cassettes in PM (\$343).
T1863	PlateManager Failure	Unequal cassette parameter numbers. # of cassettes on the elevator (\$342) + # of cassettes in docking station (\$341) does not equal total # of cassettes in PM (\$343).
T1864	PlateManager Failure	Unequal cassette parameter numbers. # of cassettes on the elevator (\$342) + # of cassettes in docking station (\$341) does not equal total # of cassettes in PM (\$343).
T1865	PlateManager Failure	No cassettes in PlateManager or invalid number of cassette on elevator parameter
T1866	PlateManager Failure	Unequal cassette parameter numbers
T1867	PlateManager Warning	Not enough cassettes in the PlateManager to load from this location
T1871	PlateManager Failure	Unequal cassette parameter numbers. # of cassettes on the elevator (\$342) + # of cassettes in docking station (\$341) does not equal total # of cassettes in PM (\$343).
T1872	PlateManager Failure	Unequal cassette parameter numbers. # of cassettes on the elevator (\$342) + # of cassettes in docking station (\$341) does not equal total # of cassettes in PM (\$343).
T1873	PlateManager Failure	Unequal cassette parameter numbers. # of cassettes on the elevator (\$342) + # of cassettes in docking station (\$341) does not equal total # of cassettes in PM (\$343).
T1874	PlateManager Failure	Unequal cassette parameter numbers. # of cassettes on the elevator (\$342) + # of cassettes in docking station (\$341) does not equal total # of cassettes in PM (\$343).
T1875	PlateManager Failure	No cassettes in PlateManager or invalid number of cassette on elevator parameter.
T1876	PlateManager Failure	Unequal cassette parameter numbers
T1877	PlateManager Failure	Not enough cassettes in the PlateManager to load from this location
T1891	Cassette Load Door Open	Close cassette door, then click OK.
T1951	PlateManager Failure	Elevator slide is not home when expected to be. Failure could indicate a problem with servo 4 or sensor 27.
T1952	PlateManager Failure	Elevator vertically is not home when expected to be. Failure could indicate a problem with servo 1 or sensor 15.
T1953	PlateManager Failure	Elevator slide is not away at sensor 14 when expected to be. Failure could indicate a problem with servo 4 or sensor 14.
T1954	PlateManager Failure	Elevator slide did not reach distance before timing out. Failure could indicate a problem with servo 4.
T1955	PlateManager Failure	Elevator slide did not reach peel sensor or peel distance before timing out. Failure could indicate a problem with servo 4 or sensor 26.

Error code	Failure	Description
T1956	PlateManager Failure	Elevator slide did not reach door distance before timing out. Failure could indicate a problem with servo 4.
T1957	PlateManager Failure	Elevator slide did not reach distance before timing out. Failure could indicate a problem with servo 4.
T1958	PlateManager Failure	Elevator slide is not away when expected to be
T1959	PlateManager Failure	Elevator slide did not reach distance before timing out. Failure could indicate a problem with servo 4.
T1961	PlateManager Failure	Elevator slide is not home at sensor 27 when expected to be. Failure could indicate a problem with servo 4 or sensor 27.
T1962	PlateManager Failure	Elevator vertically is not home at sensor 15 when expected to be. Failure could indicate a problem with servo 1 or sensor 15.
T1963	PlateManager Failure	Elevator slide is not away. Failure could indicate a problem with servo 4 or sensor 14.
T1964	PlateManager Failure	Elevator slide did not reach distance before timing out. Failure could indicate a problem with servo 4.
T1965	PlateManager Failure	Elevator slide did not reach peel sensor or peel distance before timing out. Failure could indicate a problem with servo 4 or sensor 26.
T1966	PlateManager Failure	Elevator slide did not reach distance before timing out. Failure could indicate a problem with servo 4.
T1967	PlateManager Failure	Elevator slide did not reach distance before timing out. Failure could indicate a problem with servo 4.
T1968	PlateManager Failure	Elevator slide is not away. Failure could indicate a problem with servo 4 or sensor 14.
T1969	PlateManager Failure	Elevator slide did not reach distance before timing out. Failure could indicate a problem with servo 4.
T1971	PlateManager Failure	Elevator slide is not home. Failure could indicate a problem with servo 4 or sensor 27.
T1972	PlateManager Failure	Elevator vertically is not home. Failure could indicate a problem with servo 1 or sensor 15.
T1973	PlateManager Failure	Elevator slide is not away. Failure could indicate a problem with servo 4 or sensor 14.
T1974	PlateManager Failure	Elevator slide did not reach distance before timing out. Failure could indicate a problem with servo 4.
T1975	PlateManager Failure	Elevator slide did not reach peel sensor or peel distance before timing out. Failure could indicate a problem with servo 4 or sensor 26.
T1976	PlateManager Failure	Elevator slide did not reach distance before timing out. Failure could indicate a problem with servo 4.
T1977	PlateManager Failure	Elevator slide did not reach distance before timing out. Failure could indicate a problem with servo 4.

Error code	Failure	Description
T1978	PlateManager Failure	Elevator slide is not away. Failure could indicate a problem with servo 4 or sensor 14
T1979	PlateManager Failure	Elevator slide did not reach distance before timing out. Failure could indicate a problem with servo 4.
T1981	PlateManager Failure	Elevator slide is not home. Failure could indicate a problem with servo 4 or sensor 27.
T1982	PlateManager Failure	Elevator vertically is not home. Failure could indicate a problem with servo 1 or sensor 15.
T1983	PlateManager Failure	Elevator slide is not away. Failure could indicate a problem with servo 4 or sensor 14
T1984	PlateManager Failure	Don't call directly - use macro 15
T1985	PlateManager Failure	Elevator slide did not reach peel sensor or peel distance before timing out. Failure could indicate a problem with servo 4 or sensor 26
T1986	PlateManager Failure	Elevator slide did not reach distance before timing out. Failure could indicate a problem with servo 4.
T1987	PlateManager Failure	Elevator slide did not reach distance before timing out. Failure could indicate a problem with servo 4.
T1988	PlateManager Failure	Elevator slide is not away
T1989	PlateManager Failure	Elevator slide did not reach distance before timing out. Failure could indicate a problem with servo 4.
T198A	PlateManager Failure	Elevator slide did not reach distance before timing out. Failure could indicate a problem with servo 4.
T1991	PlateManager Failure	Elevator slide is not away. Failure could indicate a problem with servo 4.
T1992	PlateManager Warning	ID read error for cassette D location. Check for proper alignment of cassette ID label.
T1993	Can not read ID of cassette D	Open the load door, check cassettes for correct stacking; Also check for a clean ID label adhered to the cassette properly, then close the load door and click OK.
T1994	PlateManager Failure	Don't call directly - use macro 15
T2001	PlateManager Failure	Elevator slide is not away. Failure could indicate a problem with servo 4 or sensor 14.
T2002	PlateManager Warning	ID read error for cassette C location. Check for proper alignment of cassette ID label.
T2003	Can not read ID of cassette C	Open the load door, check cassettes for correct stacking; Also check for a clean ID label adhered to the cassette properly, then close the load door and click OK
T2004	PlateManager Failure	Don't call directly - use macro 15

Error code	Failure	Description
T2011	PlateManager Failure	Elevator slide is not away. Failure could indicate a problem with servo 4 or sensor 14.
T2012	PlateManager Warning	ID read error for cassette B location. Check for proper alignment of cassette ID label.
T2013	Can not read ID of cassette B	Open the load door, check cassettes for correct stacking; Also check for a clean ID label adhered to the cassette properly, then close the load door and click OK
T2014	PlateManager Failure	Don't call directly - use macro 15
T2021	PlateManager Failure	Elevator slide is not away. Failure could indicate a problem with servo 4 or sensor 14.
T2022	PlateManager Warning	ID read error for cassette A location. Check for proper alignment of cassette ID label.
T2023	Can not read ID of cassette A	Open the load door, check cassettes for correct stacking; Also check for a clean ID label adhered to the cassette properly, then close the load door and click OK
T2031	PlateManager Failure	Elevator vertically is not home at sensor 15 when expected to be. Failure could indicate a problem with servo 1 or sensor 15.
T2032	PlateManager Failure	Elevator slide is not home. Failure could indicate a problem with servo 4 or sensor 27.
T2033	PlateManager Failure	Elevator slide did not reach distance before timing out. Failure could indicate a problem with servo 4.
T2034	PlateManager Failure	Elevator slide did not reach peel sensor before timing out. Failure could indicate a problem with servo 4.
T2035	PlateManager Failure	Elevator slide did not reach distance before timing out. Failure could indicate a problem with servo 4. or sensor 26.
T2036	PlateManager Failure	Elevator slide did not reach distance before timing out. Failure could indicate a problem with servo 4.
T2037	PlateManager Failure	Elevator slide did not reach distance before timing out. Failure could indicate a problem with servo 4.
T2038	PlateManager Failure	Elevator slide is not away. Failure could indicate a problem with servo 4.
T2041	PlateManager Failure	Elevator slide is not away. Failure could indicate a problem with servo 4.
T2042	PlateManager Failure	Elevator slide did not reach peel sensor before timing out. Failure could indicate a problem with servo 4.
T2043	PlateManager Failure	Elevator slide did not reach distance before timing out. Failure could indicate a problem with servo 4.
T2044	PlateManager Failure	Elevator slide did not reach home sensor before timing out. Failure could indicate a problem with servo 4.
T2045	PlateManager Failure	Elevator slide did not reach distance before timing out. Failure could indicate a problem with servo 4.

Error code	Failure	Description
T2046	PlateManager Failure	Elevator slide did not reach home sensor before timing out. Failure could indicate a problem with servo 4.
T2047	PlateManager Failure	Elevator slide did not reach distance before timing out. Failure could indicate a problem with servo 4.
T2048	PlateManager Failure	Elevator slide did not reach distance before timing out. Failure could indicate a problem with servo 4.
T2049	PlateManager Failure	Elevator slide is not home. Failure could indicate a problem with servo 4 or sensor 27.
T204A	PlateManager Failure/	Elevator slide did not reach distance before timing out. Failure could indicate a problem with servo 4.
T204B	Elevator slide tray distance discrepancy	Open load door, check top cassette for correct stacking, if not, fix, close door, then click OK
T2071	PlateManager Failure	Elevator did not reach frame overhang check sensor. Failure could indicate a problem with servo 4 or sensor 14.
T2072	PlateManager Failure	Elevator did not reach peel position sensor before timing out. Failure could indicate a problem with servo 4 or sensor 26.
T2081	PlateManager Failure	Elevator vertically did not reach up distance before timing out. Failure could indicate a problem with servo 1.
T2091	PlateManager Failure	Elevator vertically did not reach down distance before timing out. Failure could indicate a problem with servo 1.
T2101	PlateManager Failure	Elevator vertically is not home. Failure could indicate a problem with servo 1 or sensor 15.
T2102	PlateManager Failure	Elevator slide is not home. Failure could indicate a problem with servo 4 or sensor 27.
T2112	PlateManager Failure	Cassette D Presence can not be determined. Cassette not seen by side sensors but is detected by ID reader. Check sensors 22 and 29 thru 32.
T2113	PlateManager Failure	Cassette C Presence can not be determined. Cassette not seen by side sensors but is detected by ID reader. Check sensors 22 and 29 thru 32.
T2114	PlateManager Failure	Cassette B Presence can not be determined. Cassette not seen by side sensors but is detected by ID reader. Check sensors 22 and 29 thru 32.
T2115	PlateManager Failure	Cassette A Presence can not be determined. Cassette not seen by side sensors but is detected by ID reader. Check sensors 22 and 29 thru 32.
T2116	PlateManager Failure	Elevator slide is not home for cassette ID read, Failure could indicate a problem with servo 4 or sensor 27.
T2141	PlateManager Failure	Elevator vertically did not reach up distance before timing out. Failure could indicate a problem with servo 1.
T2151	PlateManager Failure	Elevator vertically did not reach up distance before timing out. Failure could indicate a problem with servo 1.

Error code	Failure	Description
T2152	PlateManager Failure	Elevator vertically did not reach up distance before timing out. Failure could indicate a problem with servo 1.
T2161	PlateManager Failure	Elevator vertically did not reach up distance before timing out. Failure could indicate a problem with servo 1.
T2162	PlateManager Failure	Elevator vertically did not reach up distance before timing out. Failure could indicate a problem with servo 1.
T2171	PlateManager Failure	Elevator vertically did not reach up distance before timing out. Failure could indicate a problem with servo 1.
T2172	PlateManager Failure	Elevator vertically did not reach up distance before timing out. Failure could indicate a problem with servo 1.
T2191	PlateManager Failure	Elevator vertically is not home. Failure could indicate a problem with servo 1 or sensor 15.
T2192	PlateManager Failure	Elevator slide is not home. Failure could indicate a problem with servo 4 or sensor 27.
T2201	PlateManager Failure	Elevator vertically is not home. Failure could indicate a problem with servo 1 or sensor 15.
T2202	PlateManager Failure	Elevator slide is not home. Failure could indicate a problem with servo 4 or sensor 27.
T2211	PlateManager Failure	Elevator vertically is not home. Failure could indicate a problem with servo 1 or sensor 15.
T2212	PlateManager Failure	Elevator slide is not home. Failure could indicate a problem with servo 4 or sensor 27.
T2223	PlateManager Failure	Cassette Presence can not be determined. Cassette not seen by side sensors but is detected by ID reader. Check sensors 22 and 29 thru 32
T2401	PlateManager Failure	Docking station neither docked nor undocked. DO NOT move the elevator or initialize the PlateManager without first trying to determine what is obstructing the docking paddles.
T2411	PlateManager Failure	Docking station neither docked nor undocked. DO NOT move the elevator or initialize the PlateManager without first trying to determine what is obstructing the docking paddles.
T2451	PlateManager Failure	Elevator slide did not reach distance while attempting to re-read ID. Failure could indicate a problem with servo 4, sensors 29-31 or the alignment of the ID label on the cassette.
T2452	PlateManager Failure	Elevator slide did not reach distance while attempting to re-read ID. Failure could indicate a problem with servo 4, sensors 29-31 or the alignment of the ID label on the cassette.
T2453	PlateManager Failure	Elevator slide did not reach distance while attempting to re-read ID. Failure could indicate a problem with servo 4, sensors 29-31 or the alignment of the ID label on the cassette.
T2454	PlateManager Failure	Elevator slide did not reach distance while attempting to re-read ID. Failure could indicate a problem with servo 4, sensors 29-31 or the alignment of the ID label on the cassette.

Error code	Failure	Description
T2455	PlateManager Failure	Elevator slide did not reach end distance while attempting to re-read ID. Failure could indicate a problem with servo 4, sensors 29-31 or the alignment of the ID label on the cassette.
T2521	PlateManager Failure	State variable (\$301) out of range. Check HyperTerminal log for additional information.
T2553	PlateManager Failure	Elevator slide did not reach peel sensor before timing out. Failure could indicate a problem with servo 4 or sensor 26.
T2554	PlateManager Failure	Elevator slide did not reach distance before timing out. Failure could indicate a problem with servo 4.
T2555	PlateManager Failure	Elevator slide did not reach distance before timing out. Failure could indicate a problem with servo 4.
T2556	PlateManager Failure	Elevator slide did not reach distance before timing out. Failure could indicate a problem with servo 4.
T2557	PlateManager Failure	Cassette C has become unreadable
T2558	PlateManager Failure	Cassette B has become unreadable
T2559	PlateManager Failure	Cassette A has become unreadable
T2561	PlateManager Failure	Docking station neither docked nor undocked. DO NOT move the elevator or initialize the PlateManager without first trying to determine what is obstructing the docking paddles.
T2571	PlateManager Failure	Docking station neither docked nor undocked. DO NOT move the elevator or initialize the PlateManager without first trying to determine what is obstructing the docking paddles.
T2581	PlateManager Failure	Elevator slide did not reach peel sensor (sensor 26) before timing out. Failure could indicate a problem with servo 4 or sensor 26.
T2582	PlateManager Failure	Elevator slide did not reach distance before timing out. Failure could indicate a problem with servo 4.
T2583	PlateManager Failure	Elevator slide did not reach peel sensor (sensor 26) before timing out. Failure could indicate a problem with servo 4 or sensor 26.
T2584	PlateManager Failure	Elevator slide did not reach distance before timing out. Failure could indicate a problem with servo 4.
T2585	PlateManager Failure	Elevator slide did not reach distance before timing out. Failure could indicate a problem with servo 4.
T2586	PlateManager Failure	Elevator slide did not reach distance before timing out. Failure could indicate a problem with servo 4.
T2591	Can not read ID of cassette A	Open the load door, check cassettes for correct stacking; Also check for a clean ID label adhered to the cassette properly, then close the load door and click OK.
T2592	Can not read ID of cassette B	Open the load door, check cassettes for correct stacking; Also check for a clean ID label adhered to the cassette properly, then close the load door and click OK.

Error code	Failure	Description
T2593	Can not read ID of cassette C	Open the load door, check cassettes for correct stacking; Also check for a clean ID label adhered to the cassette properly, then close the load door and click OK.
T2594	Can not read ID of cassette D	Open the load door, check cassettes for correct stacking; Also check for a clean ID label adhered to the cassette properly, then close the load door and click OK

## EDLIM Class 5 Errors

Error code	Failure	Description
Z9000	Chiller not on	Chiller not on or water flow reversed to engine
Z9001	Focus Failure	Focus seek failed to find 1/2 max
Z9002	Focus Failure	Focus seek failed to find negative 1/4 Max
Z9003	Focus Failure	Focus seek failed to find positive 1/4 max
Z9004	Focus Failure/	Focus seek failed to find rail
Z9005	Focus Failure	Focus failed to null the Hall
Z9006	Focus Failure	Focus failed to null the coil
Z9007	Focus Failure; confirm plate load position	Weak or missing focus signal
Z9008	Focus Failure	Lost focus
Z9009	Focus Failure	Focus jam
Z900A	Focus Failure	No clamp interrupts
Z900B	Focus Failure	One clamp type
Z900C	Focus Failure	Bad Hall position
Z900D	Focus Failure	Not on plate (in Hall mode when shouldn't be)
Z900E	Focus Failure	Not off plate (Not in Hall mode when should be)
Z900F	Focus Failure	No Hall ends (Hall end points not known)
Z9010	Interlock Failure	Laser relay not open
Z9011	Interlock Failure	Laser relay not closed
Z9012	Interlock Failure	Interlock cable not connected
Z9013	Interlock Failure	Interlock power missing
Z9020	Software Failure	Software error, shutter number bad
Z9021	Software Failure	Software error, parameter 5E not set
Z9022	Chiller flow too low	
Z9023	Chiller flow warning, check filter	
Z9024	Software Failure	Bad parameter for diag command

Error code	Failure	Description
Z9025	Focus Failure	Focus velocity command didn't finish
Z9026	GLV and laser left on too long	
Z9027	Power requested is greater than maximum allowed	
Z9028	Laser Power Supply Failure	Laser power supply reads low
Z9029	Focus Failure	Focus motor not moving or the Hall sensor is bad
Z902A	Communication Failure	Serial channel A buffer overrun, or framing error
Z902B	Temperature Failure	C1 param details problem sensor, 1(back), 2(front), 3(optics)
Z902C	Chiller flow too high	Bad or missing sensor
Z902D	iButton Failure	Can't read laser EEPROM
Z902E	Image Failure	Gap in image data detected
Z902F	Dongle Failure	
Z9030	Boot Test Failure	Test of FPGA register via SPI failed
Z9031	Boot Test Failure	Test of laser control DAC failed
Z9032	Boot Test Failure	Test of focus DAC failed
Z9033	Boot Test Failure	GLV voltages missing GLV voltages missing
Z9034	Boot Test Failure	GLV shutter voltages wrong or missing
Z9035	Test Failure	LUT RAM
Z9040	Dongle expired	Manufacturing dongle

## Exit Conveyor Class 4 Errors

Error code	Failure	Description
00061	Plate jam in the exit conveyor	Remove plate from exit conveyor

## GLV II Carriage Module Class 5 Errors

Error code	Failure	Description
F4080	Carriage Boot Test Failure	Carriage FPGA boot test failed
F4081	Carriage Boot Test Failure	Carriage ADC-DAC boot test failed
F4083	Carriage Failure/	Lost interlocked 12 Volts
F4084	Carriage Failure	Lost 5 Volt Supply
F40A0	Carriage Failure	Flash program failed
F40A1	Carriage Failure	A2D transmit failed

Error code	Failure	Description
F40A2	Carriage Failure	A2D calibrate failed
F4999	Carriage Error already read	

## GLV II Carriage Downloader Module Class 5 Errors

Error code	Failure	Description
F4100	Carriage Downloader Failure	Invalid Record Format
F4101	Carriage Downloader Failure	Invalid Record Checksum
F4102	Carriage Downloader Failure	Invalid Application Checksum

## NELA Exit Conveyor Errors

Error code	Failure	Description
XE008	NELA Conveyor Failure	CONVEYOR_ERROR_ERR
XE009	NELA Conveyor Failure	CONVEYOR_NOT_READY
XE00A	NELA Conveyor Failure	CONVEYOR_BAD_COMMAND
XE00B	NELA Conveyor Failure/	CONVEYOR_SIGNAL_ERR
X0062	NELA Conveyor Failure	PLATE_STILL_ON_EXIT_CONVEYOR_AFTER_GIVEN_TO_NELA
X10C0	NELA Conveyor Failure/	PLATE_LEFT_EXIT_CONVEYOR_UNEXPECTEDLY

## PlateManager L-Bridge Errors

Error code	Failure	Description
W1541	PlateManager L-bridge Failure	L-bridge left-right option not set
W1542	PlateManager L-bridge Failure	L-bridge state variable logic error
W1581	PlateManager L-bridge Failure	Plate at pre-alignment sensor before input. Remove plate from L-bridge, then click OK to continue.
W1582	PlateManager L-bridge Failure	Plate not at pre-alignment sensor. Remove plate from L-bridge, then click OK to continue.
W1583	PlateManager L-bridge Error	Plate not at final alignment sensors. Remove plate from L-bridge, then click OK to continue.
W1584	PlateManager L-bridge Failure	Plate at final alignment sensor before input. Remove plate from L-bridge, then click OK to continue.

Error code	Failure	Description
W1585	PlateManager L-bridge Failure	Plate at final alignment sensor after backing off. Remove plate from L-bridge, then click OK to continue.
W1586	PlateManager L-bridge Failure	Plate at exit sensor before input. Remove plate from L-bridge, then click OK to continue.
W1591	PlateManager L-bridge Failure	L-bridge speed param 329 not set
W1592	PlateManager L-bridge Failure	Plate in L-bridge at init. Remove plate from L-bridge, then click OK to continue
W1593	PlateManager L-bridge Failure	L-bridge left-right option not set
W1594	PlateManager L-bridge Failure	Plate in L-bridge at init. Remove plate from L-bridge, then click OK to continue.
W1601	PlateManager L-bridge Failure	L-bridge left-right option not set
W1602	PlateManager L-bridge Failure	Probable processor plate jam. Remove plate from L-bridge, then click OK to continue.
W1603	PlateManager L-bridge Failure	Plate not at exit sensor. Remove plate from L-bridge, then click OK to continue.
W1651	PlateManager L-bridge Failure	Plate in L-bridge at input. Remove plate again from L-bridge, then click OK to continue.
W1652	PlateManager L-bridge Failure	L-bridge left-right option not set
W1653	PlateManager L-bridge Failure	Plate in L-bridge at output. Remove plate again from L-bridge, then click OK to continue.
W1654	PlateManager L-bridge Warning	Possible L-bridge state variable logic error, please be advised
W1655	PlateManager L-bridge Failure	Probably processor off. Enable processor, then click OK to continue.
W1656	PlateManager L-bridge Failure	Plate in L-bridge at input. Remove plate again from L-bridge, then click OK to continue.
W1657	PlateManager L-bridge Failure	Plate in L-bridge at input. Remove plate again from L-bridge, then click OK to continue.

## Punch Errors

Error code	Failure	Description
U2501	Punch Transport Failure	Transport did not leave the away sensor (12) within time
U2502	Punch Transport Failure	Transport did not reach the home sensor (-13) within time
U2503	Punch Transport Failure	Transport did not leave the away sensor (12) within time, w/plate
U2504	Punch Transport Failure	Transport did not reach the home sensor (-13) within time, w/plate
U2511	Punch Transport Failure	Transport did not leave the home sensor (13) within time
U2512	Punch Transport Failure	Transport did not reach the away sensor (-12) within time
U2531	Punch Centering Failure	Centering pins did not reach the home sensor (-21) within time
U2541	Punch Centering Failure	Centering pins did not open to desired position within time
U2542	Punch Centering Failure	Centering pins did not close to desired position within time
U2551	Punch Centering Failure	Centering pins did not touch either plate edge within time
U2561	Punch Centering Failure	Centering pins did not touch both plate edges within time
U2562	Punch Centering Failure	Centering pins did not leave gap with plate edges within time
U2571	Punch Selection Warning	No punch selection set in parameter 410
U2572	Punch Selection Warning	Invalid punch selection set in parameter 410
U2573	Punch Selection Warning	No punch selection set in parameter 410, for config 1
U2574	Punch Selection Warning	No punch selection set in parameter 410, for config 2
U2575	Punch Selection Warning	No punch selection set in parameter 410, for config 3
U2576	Punch Selection Warning	No punch selection set in parameter 410, for config 4
U2577	Punch Chaff Collection is 75% full	Punch Chaff Collection is 75% full
U2578	Punch Chaff Collection is 80% full	Punch Chaff Collection is 80% full
U2579	Punch Chaff Collection is 85% full	Punch Chaff Collection is 85% full
U257A	Punch Chaff Collection is 90% full	Punch Chaff Collection is 90% full
U257B	Punch Chaff Collection is 95% full	Punch Chaff Collection is 95% full
U257C	Punch Chaff Collection is 100% full	Punch Chaff Collection is 100% full
U257D	Punch Chaff Collection is OVER 100% full	Punch Chaff Collection is OVER 100% full
U2591	Punch Input Nip Failure	Could not raise plate out of punch mechanism
U2592	Punch Input Nip Failure	Could not raise plate out of punch mechanism
U2593	Punch Input Nip Failure	Could not raise plate out of punch mechanism
U2701	Punch Input Nip Failure	Could not raise plate out of punch mechanism
U2702	Punch Centering Failure	Centering pins did not leave home within time
U2711	Wrong plate width used in punch	Parameter 410 is out of range 250-1150
U2721	Punch timed out waiting for other Media Handling to complete	Waiting for param 42 to be 0,11,31,32,41,51, or 1014

Error code	Failure	Description
U2722	Punch Input Nip Failure	Could not lower plate into punch mechanism within time
U2723	Punch Input Nip Failure	Could not lower plate into punch mechanism within time
U2724	Punch Input Nip Failure	Could not lower plate into punch mechanism within time
U2725	Punch Registration Failure	Plate did not contact both pins
U2726	Punch Input Nip Failure	Could not lower plate into punch mechanism within time
U2727	Punch Registration Failure	Plate did not contact both pins
U272B	Punch Input Nip Failure	After de-skew, Input nips failed to lower plate near flapper.
U272C	Punch Input Nip Failure	After de-skew, Input nips failed to lower plate near flapper.
U2731	Punch Centering Failure	Centering request timed out waiting for previous request to complete

## Top Conveyor Errors

Error code	Failure	Description
V0062	PlateManager Failure	Plate did not clear top conveyor head sensor before timing out. Failure could indicate a problem with servo 6 or sensor 11.
V0903	PlateManager Failure	Plate did not clear lead arm tail sensor
V0904	PlateManager Failure	Plate did not reach top conveyor head sensor
V1061	PlateManager Failure	Top conveyor nip not closed
V1062	PlateManager Failure	Top conveyor nip not open
V1063	PlateManager Failure	Top conveyor nip not closed
V1064	Plate left on top conveyor	Remove plate from top conveyor, then click OK
V1071	Plate left on top conveyor	Remove plate from top conveyor, then click OK
V1072	PlateManager Failure	Top conveyor nip not closed
V1073	PlateManager Failure	Top conveyor nip not open
V1091	PlateManager Failure	Top conveyor nip not closed
V1092	PlateManager Failure	Top conveyor nip not open
V2701	PlateManager Failure	Plate did not reach top conveyor head sensor
V2711	PlateManager Failure	Plate did not reach top conveyor head sensor
V2712	PlateManager Failure	Plate did not clear top conveyor head sensor