Lester Control Systems Ltd

Unit D, 18 Imperial Way, Croydon, Surrey, CR0 4RR.
Tel: **020 8288 0668**
Fax: 020 8288 0667
Email: info@lestercontrols.co.uk
www.lestercontrols.co.uk

QUICK GUIDE FOR: ALMEGA 2 EVENT HISTORY AND TRACE EVENT HISTORY
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The Sub Event Codes provide an expansion to the Event being reported.
The information to follow represents the latest update from the Almega2 software program regarding the Event, Sub Event, and Sub Event description.

Contents **Page**

1) List of Events and Description (Event text Version 15)

1	POWER INITIATION	The power has been restored to the	lift, i.e switch on
2	PROCESSOR REBOOT	The processor has re-booted whilst	the power was on
3	EMERGENCY STOP	The live voltage feed to input G2	was removed
4	LAN LOCK TIP HIGH SPD	The live voltage feed to input G4	was removed on High Speed
5	CAR GATE TIP HIGH SPD	The live voltage feed to input G3	was removed on High Speed
6	EMERGENCY STOP RELEVL	The live voltage feed to input G2	was removed when relevelling
7	LOCK CCT FAIL RELEVEL	The Lock Circuit Failed whilst	Relev: Chk lock bridge
8	LAN LOCK TIP lOW SPD	The live voltage feed to input G4	was removed on Low Speed
9	CAR GATE TIP LOW SPD	The live voltage feed to input G3	was removed on Low Speed
10	LAN LOCK NOT MAKING	Landing lock failed to make contact	whilst doors closing
11	CAR GATE NOT MAKING	Car lock failed to make contact	whilst doors closing
12	FAILURE TO START	No RUN input to Micro processor chk	Term limit,Run Contact,PFRR
13	RE-LEVELLING ERROR	Relev warnings exceeded chk stuck	/missing vanes,Tapehead,Relev Brd
14	RELEV TIMEOUT UP	Lift Relev Timeout whilst on both	Vanes in the UP Direction
15	SELECTOR RESET BOTTOM	The lift has reset to the Bottom	floor: Slow Limit or RSD=ON
16	LOW SPEED TIMER	Lift travelling on Low Speed	exceeded Low Speed prot timer
17	JOURNEY TIMER	Lift was travelling on High Speed	and exceeded journey time
18	DOOR OPEN PROT TIMER	Door timer exceeded whilst doors	opening, typically 30 Seconds
19	DOOR CLOSE PROT TIMER	Door timer exceeded whilst doors	closing, typically 30 Seconds
20	LAN LOCK FAILED	Landing lock failed to make contact	4 times consequetively
21	CAR LOCK FAILED	Car lock failed to make contact 4	times consequetively
22	90% LOADED BYPASS	The Lift has been loaded 2 Bypass	level Lan Calls Bypassed
23	110% OVERLOAD	The Lift has been overloaded by	110| Check car/load device
24	MOTION FAILURE	RUN inp to Micro lost when moving	Chk:THERM limit,RunContact,PFRR
25	RELEV/ADO VANE1 STUCK	RELEV/ADO Vane 1 detected as stuck	from Start to Slowing
26	RELEV/ADO VANE2 STUCK	RELEV/ADO Vane 2 detected as stuck	from Start to Slowing
27	RELEV SUNK DOWN ERROR	Lift sunk down and failed to	Rlev Up,CHK Tapehd,Vanes,Rlev Brd
28	RELEV PUMPED UP ERROR	Lift pumped up and failed to	Rlev Dn,CHK Tapehd,Vanes,Rlev Brd
29	RE-LEVELLING YOYO ERR	Relevelling Error due to excess	yoyo levels in yoyo Relev time
30	HYDRAULIC OVERTRAVEL	Hydraulic fault Overtravel at	Top FLR Input HYDOTL asserted
31	uP PAGED RAM FAILURE	CPU Paged RAM test failed, see Sub	Event for Address
32	STU AND STD STUCK	STU STD Stopping proximity switches	stuck on
33	STU STUCK	STU:-UP Stopping proximity switch	stuck on
34	STD STUCK	STD:-DN Stopping proximity switch	stuck on

35	SELECTOR RESET TOP	The lift has reset to the	Top floor:- ON Slow Limit Or RSU=ON
36	RESETS TOP AND BOT ON	Selector resets Top and Bottom,	both on Slow Limits/RSU/RSD
37	TOP FLOOR SELF TEST	Lift has performed	Top floor self test
38	BOT FLOOR SELF TEST	Lift has performed	Bottom floor self test
39	SELF TEST PASSED	Self test performed by the lift	has Passed
40	SELF TEST FAILED	Self test performed by the lift	has Failed
41	STOP VANE FAULT UP	Processor seen the wrong vane	going UP i.e STU instead STD
42	STOP VANE FAULT DN	Processor seen the wrong vane	going DN i.e STD instead STU
43	THERMISTOR TRIPPED	Motor or Motor Room Thermistor	tripped, Check input THERM
44	SLOWED: UP SLOW LIMIT	Lift slowed on limit instead of	STEP vane Check Vanes/Tapehead
45	SLOWED: DN SLOW LIMIT	Lift slowed on limit instead of	STEP vane Check Vanes/Tapehead
46	RUN STOP TIMEOUT	Processor timed out whilst waiting	for RUN input to disable
47	SELECTOR OVERSTEPPED	Extra stepping pulses Chk step	pulses, tape head, missing STU/STD
48	EVACUATION CONTROL	Evac Cotrol	
49	AUTOMATIC SERVICE	Lift operating in accordance to	Automatic Service
50	PRIORITY SERVICE 1	Lift operating in accordance to	Priority Service 1
51	PRIORITY SERVICE 2	Lift operating in accordance to	Priority Service 2
52	PRIORITY SERVICE 3	Lift operating in accordance to	Priority Service 3
53	FIRE CONTROL	Lift under Fire Control returning	to designated floor
54	OPERATION CODE BLUE	Lift operating in accordance to	Code Blue Operation
55	INSPECTION CONTROL	Lift operating under Inspection	control: Engineer On Site
56	PREPARE TO TEST CNTRL	Lift operating under Prepare	to Test control
57	ENGINEER PRESENT	Lift Engineer Logged on site	Selected Parameters Unlocked
58	ENGINEER LEAVING	Lift Engineer Logged off site	All Parameters Locked
59	SERVICE VISIT	Lift Engineer logged a Service	visit for routine maintenance
60	STUCK CAR BUTTON	Stuck button in lift car	check Car pushes
61	STUCK UP LAN BUTTON	Stuck button on landing	check UP LAN pushes
62	STUCK DN LAN BUTTON	Stuck button on landing	check DN LAN pushes
63	FFIGHT RESET FAULT	Range check of Fire Fighting	absolute position failed
64	WRONG FFIGHT RESET	Feedback of Fire Fighting	absolute position incorrect
65	RAMP PROTECTN TIMEOUT	Retiring Ramp Protect timeout	whilst not moving, 60s typical
66	IO BOARD DETECT ERROR	Serial Slot IO Board detect ERR due	to no boards fitted or cable error
67	RUN INPUT HELD ON	RUN input held ON lift will not	restart. check BKC/STR/MC etc
68	PREFLITE CHK FAILD OP	Short Circuit detected on the locks	when doors fully open
69	PREFLITE CHK-FA CL CL	DCL not released when locks made	and when doors fully closed
70	CAR GATE MONITOR FAIL	Car Gate mon inputs failed due to a	diff in state after typically 100ms

71	PREFLITE CHK-FA CL OP	DCL not make when locks open	
72	CORRECTN POINT STUCK	Correction point used with position	device stuck,doors inhibited
73	CORRECT POINT MISSING	Correction point used with position	device missing,doors inhibit
74	PROCESSOR OFF/STOPPED	Processor was switchd off or	stopped at the date/time recorded
75	SHUTDOWN CONTROL	Lift operating in accordance to	Shutdown Control
76	ESUP RETURN COMMAND	Command from Master to return to	under Emergency Supply
77	EMERGENCY SUPPLY	Lift switched to emergency supply	i.e. inputs esup=ON, norm=OFF
78	REAR OPEN PROT TIMER	Door timer exceeded whilst Rdoors	opening, Typically 30 Seconds
79	REAR CLOSE PROT TIMER	Door timer exceeded whilst Rdoors	closing, Typically 30 Seconds
80	LOCK FAIL ADVANCE OPN	Lock Failed Whilst Advance Door	Opening. Check ADO Safety line
81	NO DOOR ACK OPENING	Door Ack Missing when Opening	Check DOL or DOC input if DOC F
82	NO REAR ACK OPENING	Rear Door Ack Missing Opening	Check RDOL or RDOC input if DOC F
83	NO DOOR ACK CLOSING	Door Ack Missing when Closing	Check DCL or DOC input if DOC F
84	NO REAR ACK CLOSING	Rear Door Ack Missing Closing	Check RDCL or RDOC input if DOC F
85	FRONT DZONE MISSING	Door Zone for Front Missing or	Wrong Zone. Check Vanes / Inputs
86	REAR DZONE MISSING	Door Zone for Rear Missing or	Wrong Zone. Check Vanes / Inputs
87	DRIVE SPEED NOT VALID	Lift slowed due to Invalid Speed	when Chk for Slowing Limit
88	FIRE ALARM 1	Fire Alarm 1 is set	
89	FIRE ALARM 2	Fire Alarm 2 is set	
90	HS ABORT: LOST DIR	Lost Direction IU/ID whilst on HS	
91	uP EXTERN RAM FAILURE	External RAM test failed, see Sub	Event for Address
92	RELEV TIMEOUT DN	Lift Relev Timeout whilst on	both Vanes in the DN Direction
93	ADO VANE1 MISSN	Vane missing whilst trying to	Pre-Open Doors
94	POSN SL ACC FILTR FLT	Position SL Acceptance Filter Fault	Position Exceeded Tolerance Level
95	STUCK CODE BLUE KEYSW	Stuck Key Switch on LDG	Check Code Blue Switches
96	ADO LOCK BRIDGE FAIL	ADO Lock Cct Bridge Failed before	Avdopen. Check ADO Safety line
97	POSN ACCEPT FILTR FLT	Position Acceptance Filter Fault	Position Exceeded Tolerance Level
98	EMER RET SEQ COMPLETE	Esup Return Sequence complete,	all lifts returned or failed
99	EMER RET SEQ TIMEOUT	Esup Return Sequence Forced to	complete due to tmout typ 35mi
100	INVALID START DIRECTN	During Cmd to start the direction	was not valid, start aborted
101	DAYLIGHT SAVING SET	Clock adjusted for Daylight saving	i.e. 1 Hour Forward
102	DAYLIGHT SAVING RESET	Clock adjusted for Daylight saving	i.e. 1 Hour Backward
103	RELEV CROSS CHK UP ER	Whilst Relev UP come off STD vane	Poss ov run flev or wrong RLV
104	RELEV CROSS CHK DN ER	Whilst Relev DN come off STU vane	Poss ov run flev or wrong RLV
105	STOP NOT WITHIN FLEV	Lift stopped out of Floor Level	STU/STD hence out of Dzone
106	STOP NOT WITHIN DOORZ	Lift stopped out of Floor Level	Check Door Zone DZ

107	BRAKE MON FAIL START	Brake monitoring inp lost during	Start.Chk brake / brake contact
108	BRAKE MON INP HELD ON	Brake Mon input held lift will not	restart. Chk brake mon contact
109	START ABORT LOST DEST	Start aborted due to loss of	destination in memory
110	CORUPT DIRECTION FLAG	Corrupt Direction Mem	Contact LCSL for Advice
111	DRIVE FAULT AT START	Drive fault at start	See Sub Event for Code
112	DRIVE FAULT IN MOTION	Drive fault motion	See Sub Event for Code
113	PRELOCK START FAILURE	No PRE LOCK input to micro pro-	cessor when Starting, check RAMP
114	PRELOCK MOTION FAILUR	No PRE LOCK input to micro pro-	cessor when Running, check RAMP
115	TIMER INT CHK FAILED	Timer Interrupt Check Failed	Timer Re-Started
116	PARAM DNLOAD FROM USB	Parameters Downloaded and saved frm	USB Mem Stick. Curr pars saved 1st
117	UP TERM LIMIT FAILURE	Up Terminal/Stopping Limit	Position Point exceed in Up directn
118	DN TERM LIMIT FAILURE	Dn Terminal/Stopping Limit	Position Point exceed in Dn directn
119	JOURNEY COUNT EXCEEDD	Number of permitted Journeys	exceeded. See spec srv2 PAR
120	DOOR OPEN PUSH HELD	Door open push held for more than	20s typ. All calls canceled
121	SAFE EDGE HELD	Safe Edge held for more than	20s typically. All calls canceled
122	DETECTOR EDGE HELD	Detector Edge Held for more than	20s typically
123	DETECTOR EDGE OVERIDE	Detector Edge Held for more than	20s typically. Device Overridden
124	REAR OPEN PUSH HELD	Rear Open push held for more than	20s typically. All calls canceled
125	REAR SAFE EDGE HELD	Rear Safe Edge held for more than	20s typically. All calls canceled
126	REAR DET EDGE HELD	Rear Detector Edge Held for more	than 20s typically
127	REAR DET EDGE OVERIDE	Rear Detect Edge Held for more than	20s typically. Device Overridden
128	RTC READ ERROR	Real Time Clock Read Error,poss	Hardware. Contact LCSL
129	RTC WRITE ERROR	Real Time Clock Write Error,poss	Hardware. Contact LCSL
130	EEPROM WRITE ERROR	Serial EEPROM Write Error,poss	Hardware. Contact LCSL
131	I2C CLOCK 0V TIMEOUT	Serial Memory Clock held at 0V,	Possible Hardware. Contact LCSL
132	I2C SDATA 0V TIMEOUT	Serial Memory Dataheld at 0V,	Possible Hardware. Contact LCSL
133	I2C SDATA CLOCK SHORT	Serial Memory Clock and SDATA	Short Circuit Contact LCSL
134	EEPROM READ ERROR	Serial EEPROM Read Error on INIT	See Sub Event for Code
135	RTC RAM SIZE ERROR	RTC RAM size error	
136	I2C BUSY TIMEOUT-RTC	I2C busy timeout rtc	
137	DRIVE COMMS ERRORS	Communications between processor	or drive has had excessive errors
138	DRIVE CLOST PROT TMR	Lift travelling on Dr CLost Speed,	exceeded Drive CLost protn tmr
139	DRIVE FAULT	Drive has faulted, CHK Drive or	sub event for fault code
140	DRIVE COMMS LOST	Serial Communications to Inverter	Drive Lost. Check Drive/Connects
141	DRIVE COMMS RESTORED	Serial Communications to Inverter	Drive Restored/Gained
142	SPEECH UNIT COMS LOST	Serial Communication to Car Speech	Unit lost. Check cables/connects

143	SPEECH UNIT COMS REST	Serial Communication to Car Speech	unit Restored/Gained
144	CAR NODE COMMS LOST	The Communciations to CAR NODE	has stopped/lost, Position = Node
145	CAR NODE COMMS REST	The Communciations to CAR NODE	has started, Position = Node
146	PROFILE START TMOUT U	Speed Profile Failed to rise abv	zero in UP within start fail tim
147	PROFILE START TMOUT D	Speed Profile Failed to rise abv	zero in DN within start fail tim
148	POS DEV SLOWP TMOUT U	Posn System failed to init slow	within 5 prg cycles UP;slow forced
149	POS DEV SLOWP TMOUT D	Posn System failed to init slow	within 5 prg cycles DN;slow forced
150	LIFT 1 COMMS LOST	Lift 1 Communication Lost	Check cables and connections
151	LIFT 2 COMMS LOST	Lift 2 Communication Lost	Check cables and connections
152	LIFT 3 COMMS LOST	Lift 3 Communication Lost	Check cables and connections
153	LIFT 4 COMMS LOST	Lift 4 Communication Lost	Check cables and connections
154	LIFT 5 COMMS LOST	Lift 5 Communication Lost	Check cables and connections
155	LIFT 6 COMMS LOST	Lift 6 Communication Lost	Check cables and connections
156	LIFT 7 COMMS LOST	Lift 7 Communication Lost	Check cables and connections
157	LIFT 8 COMMS LOST	Lift 8 Communication Lost	Check cables and connections
158	LIFT 1 COMMS RESTORED	Lift 1 Communication	Restored or Gained
159	LIFT 2 COMMS RESTORED	Lift 2 Communication	Restored or Gained
160	LIFT 3 COMMS RESTORED	Lift 3 Communication	Restored or Gained
161	LIFT 4 COMMS RESTORED	Lift 4 Communication	Restored or Gained
162	LIFT 5 COMMS RESTORED	Lift 5 Communication	Restored or Gained
163	LIFT 6 COMMS RESTORED	Lift 6 Communication	Restored or Gained
164	LIFT 7 COMMS RESTORED	Lift 7 Communication	Restored or Gained
165	LIFT 8 COMMS RESTORED	Lift 8 Communication	Restored or Gained
166	SER SIO NODE COMS LST	The Communciations to SER SLOT IO	NODE has stopped, Sub Event=Node
167	SER SIO NODE COMS RES	The Communciations to SER SLOT IO	NODE has restored, Sub Event=Node
168	+5VIO SUPPLY LOST	+5V IO supply lost	check pwr supply/short cct
169	+5VIO SUPPLY RESTORED	+5V IO supply restored	
170	+24V SUPPLY LOW/LOST	+24V Supply Reduced To Less Than	18V Approx or Lost Supply
171	+24V SUPPLY RESTORED	+24V Supply Restored to greater	than 18V Approx
172	+5V COMMS SUPPLY LOST	+5V Communication supply lost	check pwr supply/short cct
173	+5V COMMS SUPPLY REST	+5V Communication supply restored	
174	ILLEGAL OPCODE TRAP	Processor Error	Contact LCSL for Advice
175	CAR CAN BUS OFF ERROR	CAR CAN communications connection	or short circuit error
176	LAN CAN BUS OFF ERROR	LAN CAN communications connection	or short circuit error
177	GRP CAN BUS OFF ERROR	GRP CAN communications connection	or short circuit error
178	POS CAN BUS OFF ERROR	POS CAN communications connection	or short circuit error

179	XIO CAN BUS OFF ERROR	XIO CAN communications connection	or short circuit error
180	LOST DIR ON HIGH SP	On High Speed a call/allocation was	or short circuit error
181	ERROR: 2 LIFTS MASTER	Two lifts have same lift number set	See System Setup:My Liftn
182	ERROR IN CONTROL TYPE	System Setup:Control Type is set	for less than num of lifts
183	ERROR: 2 LIFTS SAME	Two lifts have same lift number set	See System Setup:My Liftn
184	PROGRAM TRACE	Processor Error	Contact LCSL for Advice
185	SPURIOUS INT TRAP	Processor Error	Contact LCSL for Advice
186	MPU ACCESS ERROR TRAP	Processor Error	Contact LCSL for Advice
187	LOW VOLATGE TRAP	Processor Error	Contact LCSL for Advice
188	TRAVEL TASK ERROR	Travel Task Error	
189	CPU WATCHDOG TRIPPED	Processor Error	Contact LCSL for Advice
190	BOOTLOADER REQUEST	Bootloader Utility In Progress	Please Wait Aprrox Time 2 Mimutes
191	R232 LOGGER MEM PURGE	The Event Logger Mem has been	Purgd/Deletd via the RS232 iface
192	PAR-RD STRUCT SIZE ER	Parameter Structure range error RD.	See sub event for struct num.
193	PAR-WR STRUCT SIZE ER	Parameter Structure range error WR.	See sub event for struct num.
194	INVALID DESTINATION	Destination of the lift does not	fall within floor range
195	FLOOR/POSN RANGE FAIL	Floor/Position Range. Check failed	to Min/ Max defined limits
196	EEPROM CHECKSUM ERROR	EEPROM data check failed	Note default Pars may be restored
197	PARAM-RD CHECKSUM ERR	Parameter Structure corrupt,see Sub	Event for struct num.
198	LOGGER RAM PURGE	The Event Logger Memory has been	Purged/Deleted
199	EVENT QUEUE ERROR	Event Logger has incurred Errors	See Sub Event Code
200	RELEV START FAULT UP	Relev Start Fault UP	Lock Bridge or Board Feedback
201	RELEV START FAULT DN	Relev Start Fault DN	Lock Bridge or Board Feedback
202	RELEV RUN FAULT UP	Relev Run Fault UP	Vane Seq/Timeout/Overshoot/Yoyo
203	RELEV RUN FAULT DN	Relev Run Fault DN	Vane Seq/Timeout/Overshoot/Yoyo
204	RELEV STOP FAULT UP	Relev Stop Fault UP	Board Feedback Timeout
205	RELEV STOP FAULT DN	Relev Stop Fault DN	Board Feedback Timeout
206	RLEV TMEOUT EXCEEDED	Relev Timeout Max period exceeded	
207	RLEV STU STD LOST	Stop Vanes STU / STD both lost	when either primed or relevelling
208	RLEV STU LOST	Stop Vane STU lost when	re-levelling DN.Chk STU/STD magnets
209	RLEV STD LOST	Stop Vane STD lost when	re-levelling UP.Chk STU/STD magnets
210	RLEV-B FEEDBACK FAIL	Rlev feedback contact failed	when starting or stopping
211	RELEV RECOVERY FAIL	Attempt to move to another floor	(recovery) failed
212	RLEV UNABL TO RECOVER	Unable to move to another floor	ie LW110 Therm, Serv, door hld
213	RLEV OVERSHOT FLR LEV	Lift travelled past flr level	whilst rlev. chk rlev stop time
214	OUT OF RELEVEL ZONE	Lift not within rlev zone, whilst	trying to rlev, typically 200mm

215	PAWL DEV SOLENOID FLT	See Sub Event for Code	
216	PAWL DEV PLATFORM FLT	See Sub Event for Code	
217	PAWL RECOVERY ACTION	See Sub Event for Code	
218	PAWL DEVICE FAULT	Pawl Device Failed	
219	SYSTEM PAR RANGE ERR	A System Parameter is out of range	See Sub Event for Code
220	POS DEV ACCEL ERR UP	Error Occurred in UP When Accel	See Sub Event for Code
221	POS DEV ACCEL ERR DN	Error Occurred in DN When Accel	See Sub Event for Code
222	POS DEV DECEL ERR UP	Error Occurred in UP When Decel	See Sub Event for Code
223	POS DEV DECEL ERR DN	Error Occurred in DN When Decel	See Sub Event for Code
224	PARAMETER REQUEST ERR	Parameter Request neither RD or WR	See Sub Event for Code
225	225	225	225
226	POS DEV FLEV VN STUCK	Floor lev Vane Sensor Stuck	after moving away from Floor Zone
227	CANOPEN CONFIG WRITTN	CANopen Configuration written and	stored to CANopen device
228	UMD MONITORING ERCODE	UMD failed due to Stuck or Start	Faulire. See Sub Event for Code
229	MENU PARAM CTRL ERROR	Param Ctrl option selectd from menu	has failed. See Sub Event for Code
230	IN CONFIG ERR SER SIO	Critcal Input is configured but the	board is missin.See Sub Ev for slot
231	OU CONFIG ERR SER SIO	Critcal Output is configurd but the	board is missin.See Sub Ev for slot
232	POS DEV SELECTOR RSET	Lift Position Reset to Position	Device Position
233	POS DEV APOS RESYNC U	Position Device Advance Position	Re-Synchronised in UP Dir
234	POS DEV APOS RESYNC D	Position Device Advance Position	Re-Synchronised in DN Dir
235	POS DEV POSN RANGE ER	Position Device Absolute Position	Out of Range
236	POS DEV POSN SCALE ER	Floor Level Positions not in	correct order. i.e. Scale Error
237	POS DEV POS COMS REST	Position Device Position Comms	Restored
238	POS DEV POS COMS LOST	Position Device Pos Comms Lost	Check cables /connections
239	POS DEV SPD COMS REST	Position Device Speed Comms	Restored
240	POS DEV SPD COMS LOST	Position Device Speed Comms Lost	Check cables /connections
241	POS DEV LEARN-R START	Positioning System Learning Run	Started
242	POS DEV LEARN-R COMPL	Positioning System Learning Run	Completd Successfully
243	POS DEV LEARN-R FAILD	Positioning System Learning Run	See Sub Event for Code
244	POS DEV LEARN-R TIMED	Positioning System Learning Run	Time Exceeded; typ 20 mins
245	POS DEV LEARN-R CANCL	Positioning System Learning Run	Cancelld
246	POS DEV EMCY MSG ERR	The Position Device is sending	an Emergency Fault Message
247	POS DEV POS FROZE FLT	Simliar to Encoder Loss flt, posn	has froz due to typ:loose couplin
248	POS DEV CORR EXCEEDED	Instn Correction>50mm typ. Encoder	or Rope Slip or corr point moved
249	CORRECTN POINT MISSIN	Correction Point Missing when	slowed. Chk floor vanes/sensor
250	LAN NODE COMMS LOST	The Communciations to LAN NODE=	stopped/lost Posn=Node Occ=SubNode

251	LAN NODE COMMS REST	The Communciations to LAN NODE	has started Posn=Node Occ=SubNode
252	CAR CAN INIT TIMEOUT	CAR CAN Initilisation timeout	Error. Contact LCSL for Advice
253	LAN CAN INIT TIMEOUT	LAN CAN Initilisation timeout	Error. Contact LCSL for Advice
254	GRP CAN INIT TIMEOUT	GRP CAN Initilisation timeout	Error. Contact LCSL for Advice
255	POS CAN INIT TIMEOUT	POS CAN Initilisation timeout	Error. Contact LCSL for Advice
256	XIO CAN INIT TIMEOUT	XIO CAN Initilisation timeout	Error. Contact LCSL for Advice
257	I2C SSC BUSY TMOUT	I2C SSC busy timeout	
258	LAN SPEECH COMMS LOST	Serial Communication to Lan Speech	Unit lost. Check cables/connects
259	LAN SPEECH COMMS REST	Serial Communication to Lan Speech	unit Restored/Gained
260	LCD IFACE BUFF FULL	No roomm left in LCD interface	buffer
261	ADO VANE 1 STUCK	ADO Vane 1 detected as stuck	from Start to Slowing
262	ADO VANE 2 STUCK	ADO Vane 2 detected as stuck	from Start to Slowing
263	I2C RD RE-TRY ERROR	See Sub Event Code for I2C Device	Address
264	I2C WR RE-TRY ERROR	See Sub Event Code for I2C Device	Address
265	CPU CLOCK RESET TRAP	Processor Error	Contact LCSL for Advice
266	SOFTWARE VERS CHANGED	New Software Version Detected	
267	PARAMETERS CHANGED	Parameters Added or Removed	
268	XGATE ACCESS VIO TRAP	Processor Error	Contact LCSL for Advice
269	PROGRAM TRACE INTRUPT	Processor Error	Contact LCSL for Advice
270	PARAMETER CHANGED	Param with Password>=Lev2 has been	changed.See Sub Event for Parameter
271	POSDEV S-LIMIT COMS-R	Position Device Slowing Limit Comms	Restored
272	POSDEV S-LIMIT COMS-L	Position Device Slowing Limit Comms	Lost, Check cables /connections
273	POSDEV S-LIM RANGE ER	Position Device Slowing Limit Posn	Range Error Contact LCSL for Advice
274	POSDEV S-LIM DIFF ER	Position Device Slowing Limit Diffe	rence Error.Sub Event Code=Distance
275	POSDEV S-LIM DISTANCE	Position Device Slowing Limit Trigr	Distance. Sub Event Code = Distance
276	DRIVE FAULT RESET	Drive Fault Reset.Chk Drive / Drive	Viewer for Previous Fault Code
277	STUCK CAR BUTTON RE	Stuck button in lift car	check REAR Car pushes
278	STUCK UPLAN BUTTON RE	Stuck button on landing	check REAR UP LAN pushes
279	STUCK DNLAN BUTTON RE	Stuck button on landing	check REAR DN LAN pushes
280	STUCK CAR BUTTON S1	Stuck button in lift car	check SIDE1 Car pushes
281	STUCK UPLAN BUTTON S1	Stuck button on landing	check SIDE1 UP LAN pushes
282	STUCK DNLAN BUTTON S1	Stuck button on landing	check SIDE1 DN LAN pushes
283	STUCK CAR BUTTON S2	Stuck button in lift car	check SIDE2 Car pushes
284	STUCK UPLAN BUTTON S2	Stuck button on landing	check SIDE2 UP LAN pushes
285	STUCK DNLAN BUTTON S2	Stuck button on landing	check SIDE2 DN LAN pushes
286	STUCK C-BLUE KEYSW RE	Stuck Key Switch on LDG	Check REAR Code Blue Switches

287	STUCK C-BLUE KEYSW S1	Stuck Key Switch on LDG	Check SIDE1 Code Blue Switches
288	STUCK C-BLUE KEYSW S2	Stuck Key Switch on LDG	Check SIDE2 Blue Switches
289	SIDE1 OPEN PUSH HELD	Side1 Open push held for more than	20s typically. All calls canceled
290	SIDE1 SAFE EDGE HELD	Side1 Safe Edge held for more than	20s typically. All calls canceled
291	SIDE1 DET EDGE HELD	Side1 Detector Edge Held for more	than 20s typically
292	SIDE1 DET EDGE OVRIDE	Side1 Detect Edge Held for more than	20s typically. Device Overridden
293	SIDE2 OPEN PUSH HELD	Side2 Open push held for more than	20s typically. All calls canceled
294	SIDE2 SAFE EDGE HELD	Side2 Safe Edge held for more than	20s typically. All calls canceled
295	SIDE2 DET EDGE HELD	Side2 Detector Edge Held for more	than 20s typically
296	SIDE2 DET EDGE OVRIDE	Side2 Detect Edge Held for more than	20s typically. Device Overridden
297	SIDE1 OPEN PROT TIMER	Door timer exceeded whilst S1doors	opening, Typically 30 Seconds
298	SIDE1 CLOSE PROT TIMR	Door timer exceeded whilst S1doors	closing, Typically 30 Seconds
299	NO SIDE1 ACK OPENING	Side1 Door Ack Missing Opening	Check S1DOL or S1DOC input if DOCS1
300	NO SIDE1 ACK CLOSING	Side1 Door Ack Missing Closing	Check S1DCL or S1DOC input if DOCS1
301	SIDE1 DZONE MISSING	Door Zone for Side1 Missing or	Wrong Zone. Check Vanes / Inputs
302	SIDE2 OPEN PROT TIMER	Door timer exceeded whilst S2doors	opening, Typically 30 Seconds
303	SIDE2 CLOSE PROT TIMR	Door timer exceeded whilst S2doors	closing, Typically 30 Seconds
304	NO SIDE2 ACK OPENING	Side2 Door Ack Missing Opening	Check S2DOL or S2DOC input if DOCS2
305	NO SIDE2 ACK CLOSING	Side2 Door Ack Missing Closing	Check S2DCL or S2DOC input if DOCS2
306	SIDE2 DZONE MISSING	Door Zone for Side2 Missing or	Wrong Zone. Check Vanes / Inputs
307	ROPE REV CHK EXCEEDED	Rope Reversal Check Exceeded lift	Needs Manual Reset, c Eng Selection
308	ENGINEERS ACCESS	Lift operating in accordance to	Engineers Access
309	ENG ACCESS TIMEOUT	Engineers Access Control forced to	complete due to tmout typ 5 mins
310	AUX BKMON FAIL MOTION	Aux brake mon input lost during	Travel.chk brake/brake contact
311	AUX BKMON FAIL START	Aux brake mon input not asserted at	start.chk brake/brake contact
312	AUX BKMON INP HELD ON	Aux brake mon input held. Lift will	not restart.chk brake contact
313	ENG ACCESS ERROR	EA Control forced to exit due to	overflow bot. Chk eng access dist
314	POSDEV SLIM FROZE FLT	Simliar to Encoder Loss flt, SLposn	has froz due to typ:loose couplin

Event	2) Sub-Event Code & Description
(139) DRIVE FAULT	Zetadyn 4C or Magnetek HPV Specific Fault (See A2 technical manual for Faults)
(111) DRIVE FAULT AT START	Zetadyn 4C or Magnetek HPV Specific Fault (See A2 technical manual for Faults)
(112) DRIVE FAULT IN MOTION	Zetadyn 4C or Magnetek HPV Specific Fault (See A2 technical manual for Faults)
(220) POS DEV ACCEL ERR UP (221) POS DEV ACCEL ERR DN (222) POS DEV DECEL ERR UP (223) POS DEV DECEL ERR DN	1 POSN_DEV_EV_CODE_CAPPED_UP (Absolute Max Accel / Decel (1500m/s ^2) exceeded) 2 POSN_DEV_EV_CODE_CAPPED_DN (Absolute Max Accel / Decel (1500m/s ^2) exceeded) 3 POSN_DEV_EV_CODE_TARGET_UP (target floor greater than TOP floor) 4 POSN_DEV_EV_CODE_TARGET_DN (target floor greater than BOT floor) 5 POSN_DEV_EV_CODE_VAR0_UP (variable ZERO check error in the UP direction) 6 POSN_DEV_EV_CODE_VAR0_DN (variable ZERO check error in the UP direction) 49 POSN_DEV_EV_CODE_OTHER_UP (position scale error in the UP) 50 POSN_DEV_EV_CODE_OTHER_DN (position scale error in the DN)
(243) POS DEV LEARN-R FAILD	0 POSN_DEV_LEARN_RUN_NO_FAULT 1 POSN_DEV_LEARN_RUN_MOTION_FAIL 2 POSN_DEV_LEARN_RUN_SCALE_ERR (floor levels are not in order, i.e. ascending or descending) 3 POSN_DEV_LEARN_RUN_ABORTED_ERR (timeout or user cancelled) 4 POSN_DEV_LEARN_RUN_VANE_LEN_ERR (vane length > 400mm for a specific floor) 5 POSN_DEV_LEARN_RUN_NOT_ON_VANE_BOT_ERR 6 POSN_DEV_LEARN_RUN_NOT_ON_VANE_TOP_ERR 7 POSN_DEV_LEARN_RUN_NOT_ON_RSD_ERR 8 POSN_DEV_LEARN_RUN_PRE_CHECKS_FAIL (see note 1, in further notes)
(192) PAR-RD STRUCT SIZE ER (193) PAR-WR STRUCT SIZE ER (197) PARAM-RD CHECKSUM ERR (224) PARAMETER REQUEST ER	Parameter Block Address (parameter corruption, re-write params may sort, contact LCSL otherwise) Parameter Block Address (parameter corruption, re-write params may sort, contact LCSL otherwise) Parameter Block Address (parameter corruption, re-write params may sort, contact LCSL otherwise) Parameter Block Address (parameter corruption, re-write params may sort, contact LCSL otherwise)

(134) EEPROM READ ERROR	1 EEPROM_READ_ERROR_EVENTS (problem with eeprom read (event hist) when initialising) 2 EEPROM_READ_ERROR_STRUCT_INFO (problem with eeprom read (struct info) when initialising) 3 EEPROM_READ_ERROR_EEPROM_INFO (problem with eeprom read (eeprom info) when initialising) 4 EEPROM_READ_ERROR_I2C_ERROR (problem with eeprom read (I2C BUS) when initialising) 5 EEPROM_READ_ERROR_TIMEOUT (problem with eeprom read (timed out) when initialising) 6 EEPROM_READ_ERROR_INIT (problem with eeprom read (1st initialise) when initialising)
(199) EVENT QUEUE ERROR	In bit format 0x01 QUEUE_ERROR_FULL_IN_OUT_DIFF (clear event history may sort, contact LCSL otherwise) 0x02 QUEUE_ERROR_COUNT_OUT_OF_RANGE (clear event history may sort, contact LCSL otherwise) 0x04 QUEUE_ERROR_SRV_TYPE (clear event history may sort, contact LCSL otherwise) 0x08 QUEUE_ERROR_ADD_TYPE (clear event history may sort, contact LCSL otherwise)
(257) I2C SSC BUSY TMOUT (263) I2C RD RE-TRY ERROR (264) I2C WR RE-TRY ERROR	I2C_DEV_ADDR (device address, contact LCSL)
(228) UMD MONITORING ERCODE	1 UMD_BRAKE_MON_INPUTS_NOT_CONFIGURED 2 UMD_BRAKE_MON_INPUT_1_START_FAILURE 3 UMD_BRAKE_MON_INPUT_2_START_FAILURE 4 UMD_BRAKE_MON_INPUTS_BOTH_START_FAILURE 5 UMD_BRAKE_MON_INPUT_1_STUCK 6 UMD_BRAKE_MON_INPUT_2_STUCK 7 UMD_SOL_MON_IP_NOT_CONFIGURED 8 UMD_CANCEL_SOL_DLY_FBACK_IP_NOT_CONFIG 9 UMD_SOL_MON_INPUT_START_FAILURE 10 UMD_SOL_MON_INPUT_STUCK 11 UMD_SOL_CANCEL_DLY_OP_ENERGISE_FAIL 12 UMD_SOL_CANCEL_DLY_OP_RELEASE_FAIL 13 UMD_FAULT_INPUT_NOT_CONFIGURED 14 UMD_FAULT_INPUT_ERROR 15 UMD_BUCHER_iVALVE_INPUT_NOT_CONFIGURED 16 UMD_BUCHER_iVALVE_INPUT_START_FAILURE 17 UMD_BUCHER_iVALVE_INPUT_NOT_ASSERTED_AT_STOP 18 UMD_DETECTED_OUT_OF_DZ_NO_LOCKS

	19 UMD_BRAKE_MON_INPUT_1_MOTION_WARNING 20 UMD_BRAKE_MON_INPUT_2_MOTION_WARNING 21 UMD_BRAKE_MON_INPUTS_BOTH_MOTION_WARNING 22 UMD_SOL_MON_INPUT_MOTION_WARNING 23 UMD_BRAKE_MON_INPUT_1_MOTION_FAILURE 24 _BRAKE_MON_INPUT_2_MOTION_FAILURE 25 UMD_BRAKE_MON_INPUTS_BOTH_MOTION_FAILURE 26 UMD_SOL_MON_INPUT_MOTION_FAILURE 91 UMD_START_FAIL_COUNT_PARAM_CORRUPT 92 UMD_STOP_FAIL_TIME_PARAM_CORRUPT
(215) PAWL DEV SOLENOID FLT	1 sol_start_fail (solenoid(s) failed to energise when starting) 2 sol_motion_fail (solenoid(s) de-energised when moving) 3 sol_not_rel_count (attempts to de-energise solenoid(s) exceeded) 4 sol_not_rel_stationary (solenoid(s) not released when stationary)
(216) PAWL DEV PLATFORM FLT	1 platf_start_fail (platform switches failed to release when starting) 2 platf_motion_fail (platform switches failed to re-engaged when moving) 3 platf_not_engaged_stationary (platform switches failed to engage when statonary)
(217) PAWL RECOVERY ACTION	1 PAWL_RECOVERY_CALL_INIT_EV_CODE (pawl device recovery call initialised) 2 PAWL_RECOVERY_CALL_PASSED_EV_CODE (pawl device recovery call passed) 3 PAWL_RECOVERY_CALL_FAILED_EV_CODE (pawl device recovery call failed) 4 PAWL_UNABLE_TO_RECOVER_EV_CODE (pawl device unable to recover, e.g. overload / therm)
(219) SYSTEM PAR RANGE ERR	1. Control type range error (> 8 cars or no cars) 2. Collective type range error 3. Num floors range error 4. Top floor range error 5. Bot floor range error 6. Lift number range error
(031) uP PAGED RAM FAILURE (091) uP EXTERN RAM FAILURE	(RAM location address, contact LCSL)
(229) MENU PARAM CTRL ERROR	0 ENU_PAR_CTRL_REQ_NONE 1 MENU_PAR_CTRL_RD_NORMAL (Error Reading Normal Parameter Block, contact LCSL)

	2 MENU_PAR_CTRL_WR_NORMAL (Error Writing Normal Parameter Block, contact LCSL) 3 MENU_PAR_CTRL_RD_RESTORE_POINT (Error Reading Backup Parameter Block, contact LCSL) 4 MENU_PAR_CTRL_WR_RESTORE_POINT (Error Writing Backup Parameter Block, contact LCSL) 5 MENU_PAR_CTRL_RESTORE_TO_RESTORE_POINT (Error saving Backup Param to Normal, contact LCSL) 6 MENU_PAR_CTRL_RESTORE_1ST_TIME_DEFAULTS (Error Reading 1st Time Default Block, contact LCSL) 50 MENU_PAR_CTRL_NO_RESTORE_POINT_ERROR (no error)
(230) IN CONFIG ERR SER SIO (231) OU CONFIG ERR SER SIO	Slot IO Number
(061) STUCK UP LAN BUTTON (062) STUCK DN LAN BUTTON	Front stuck_button_position
(278) STUCK UPLAN BUTTON RE (279) STUCK DNLAN BUTTON RE	Rear stuck_button_position
(281) STUCK UPLAN BUTTON S1 (282) STUCK DNLAN BUTTON S1	Side 1 stuck_button_position
(284) STUCK UPLAN BUTTON S2 (285) STUCK DNLAN BUTTON S2	Side 2 stuck_button_position
(095) STUCK CODE BLUE KEYSW (286) STUCK C-BLUE KEYSW RE (287) STUCK C-BLUE KEYSW S1 (288) STUCK C-BLUE KEYSW S2	code_blue_stuck_button_position
(180) LOST DIR ON HIGH SP	Position of lift when lost direction occurred.
(144) CAR NODE COMMS LOST (145) CAR NODE COMMS REST (250) LAN NODE COMMS LOST (251) LAN NODE COMMS REST	Serial IO Node
(166) SER SIO NODE COMS LST (167) SER SIO NODE COMS RES	Serial slot IO node
(270) PARAMETER CHANGED	Upper Byte = Parameter Block Number Lower Byte = Parameter Number in list e.g. System Par->Number of Floors = 013 005

(044) SLOWED: UP SLOW LIMIT (045) SLOWED: DN SLOW LIMIT	If posn_dev_PAR.posn_device_fitted is set • If posn_dev_PAR.speed_profile_ctrl is set ○ Profile speed (actual speed profile) • else ○ posn_device_misc.unsigned_speed (target speed)
(274) POSDEV S-LIM DIFF ER	posn_dev_slow_limit_posn_diff_dist (i.e. CAN position 1 to 2 on the CEDES)
(275) POSDEV S-LIM DISTANCE	If UPR posn_device_slow_limit_misc.last_dist_trigger_up (i.e. distance to top floor) else UDR posn_device_slow_limit_misc.last_dist_trigger_dn (i.e. distance to bottom floor)
(227) CANOPEN CONFIG WRITTN	0 Not written (CANOPEN DRIVE) 1 Config Written (CANOPEN DRIVE)
(184) PROGRAM TRACE (269) PROGRAM TRACE INTRUPT	(Sub Event Code relates to the area in the software, contact LCSL)
(070) CAR GATE MONITOR FAIL	0 CAR_GATE_NO_FAULT 1 CAR_GATE_MON1_STUCK_FAULT 2 CAR_GATE_MON2_STUCK_FAULT 3 CAR_GATE_MON1_AND_MON2_STUCK_FAULT 4 CAR_GATE_MON1_NOT_MAKING_FAULT 5 CAR_GATE_MON2_NOT_MAKING_FAULT 6 CAR_GATE_MON1_AND_MON2_NOT_MAKING_FAULT
(069) PREFLITE CHK-FA CL CL (071) PREFLITE CHK-FA CL OP (068) PREFLITE CHK FAILD OP	In bit format 0x01 FRONT 0x02 REAR 0x04 SIDE1 0x08 SIDE2

(308) ENGINEERS ACCESS (309) ENG ACCESS TIMEOUT (313) ENG ACCESS ERROR	Engineers Access Floor

3) Further Notes:

1. Position Device Learning Run Checks (if any are on, the learning run will fail due to event "POS DEV LEARN-R FAILD" and sub event CODE 8:
   Inspection
   Emergency Supply Immobilised
   Emergency Supply Return
   Hydraulic Overtravel
   Relevel Error
   Emergency Stop
   Journey Timer Timed
   chk_lw110()
   Thermistor
   Fire
   Evacuation
   Fire Alarm 1
   Fire Alarm 2
   Priority Service 1
   Priority Service 2
   Priority Service 3
   Shutdown
   Code Blue
   Service Control
   Automatic Service
   Pawl Device Fault
   Engineers Access

4) List of Trace Events and Description (Trace Event Text Version 1)

4.1) Event Trace Setup->RELEVEL INFO:

1	RE-LEVELLING UP	Lift Relevelling in UP Direction	i.e.gone below STD Vane	
2	RE-LEVELLING DN	Lift Relevelling in DN Direction	i.e.gone below STU Vane	
3	RE-LEVELLING STOP	Lift Relevelling Stopped	i.e. Error or on Both Vanes	
4	RELEV 2ND VANE TMEOUT	Lift Relev Timeout 4 2nd vane	release CH Tapehd,Vanes,Rlev Brd	
6	RE-LEVELLING TIMEOUT	Lift Relevelling Error due to	excess Relevellling time	
7	RE-LEVELLING YOYO ERR	Relevelling Error due to excess	yoyo levels in yoyo Relev time	
8	HYDRAULIC OVERTRAVEL	Hydraulic fault due Overtravel at	Top FLR Input HYDOTL asserted	
15	RELEVELLING ABORTED	Releveling aborted due to an error	for 1st to go DN	
16	RELEV SUNK DOWN ERROR	Lift sunk down and failed to Rlev	Up,CHK Tapehd,Vanes,Rlev Brd	
17	RELEV PUMPED UP ERROR	Lift pumped up and failed to Rlev	Dn,CHK Tapehd,Vanes,Rlev Brd	
18	WRONG VANE SEQUENC UP	Wrong Vane sequence detected UP,	come off RL1 before RL2	
19	WRONG VANE SEQUENC DN	Wrong Vane sequence detected DN,	come off RL2 before RL1	
20	RELEV RECOVERY CALL	Relev Recovery Call to nearest	floor Up or Dn, Dn preference	
21	REL RECOVERY UNABLE	Unable to set recovery call due to	Overload or doors opened etc	
22	RELEV RECOVERY TIMED	Recovery call timeout due to not	arrived within recovery time	
23	RELEV RECOVERY ARRIVD	Arrived at destination of recovery	call	
24	RELEV LAN LOCK FAIL	The live voltage feed to inp G2 was	removed, releveling:both vanes	
25	RELEV EMER STOP FAIL	Lock Circuit Failed whilst Relev on	both vanes,chk lock bridge	
44	RELEVELLING PRIMED	Lift on relev vane ready to go	UP/DN on loss of stop vane	

4.2) Event Trace Setup->FIRE FIGHTING INFO:

5	FFIGHT RESET POSITION	FIRE RESET POSITION READ IN FROM	FIRE FIGHTING ABSOLUTE POS	

4.3) Event Trace Setup->EMERGENCY SUPPLY INFO

9	EMER SUPP RET COMMAND	Command from Master to return to	esup flr when emergency supply	(sub event code = lift)
10	EMER SUP RET COMPLETE	Command to Master to indicate when	returnd on emergency supply	(sub event code = lift)
11	EMER SUPP RET FAILED	Indication when lift has failed to	return on emergency supply	(sub event code = lift)
12	EMER SUPP RET ATTEMPT	Indication by Master that a return	attempt failed on esup ctrl	(sub event code = lift)
40	EMER SUPP RUN COMMAND	Command from Master to run with	power from emergency supply	(sub event code = lift)
41	EMER SUPP RUN FAILED	lift Failure whilst esup selected,	another lift will be tried	(sub event code = lift)
42	EMER RET SEQ COMPLETE	Esup Return Sequence complete, all	lifts returned or failed	

4.4) Event Trace Setup->DRIVE INFORMATION:

4.4.1) Zeihl Abegg Z4 Drive

50	Z4 ENABLE VOLATGE REQ	Z4 Enable Voltage CMD Sent to	Drive
51	Z4 EN VOLATGE FAILED	Z4 Enable Voltage Request Failed	
52	Z4 SWITCH ON REQ	Z4 Switch On CMD Sent to Drive	
53	Z4 SWITCH ON FAILED	Z4 Switch On Request Failed	
54	Z4 ENABLE OP REQ	Z4 Enable Operaion CMD Sent to	Drive
55	Z4 ENABLE OP FAILED	Z4 Enable Operation Request Failed	Failed
56	Z4 VELOCITY DETECTED	Current Drive Velocity is above 0	
57	Z4 ZERO SPEED REACHED	Target Reached and Velocity is Zero	
58	Z4 QUICKSTOP DETECTED	Quick Stop Detected	
59	Z4 DISABLE OP REQ [4]	Z4 Disable Operation CMD Sent from	State 4
60	Z4 DIS-OP REQ FAILED	Z4 Disable Operation Request Failed	
61	Z4 QUICK STOP REQ	Quick Stop Activated and CMD sent	to Drive
62	Z4 DISABLE OP REQ [3]	Z4 Disable Operation CMD Sent from	State 3
63	Z4 SHUTDOWN REQ [3]	Z4 Shutdown CMD Sent from State 3	
64	Z4 SHUTDOWN REQ FAILD	Z4 Shutdown Request Failed	
65	Z4 SHUTDOWN REQ [2]	Z4 Shutdown CMD Sent from State 2	
66	Z4 DISABL VOLTAGE [2]	Z4 Disable Voltage CMD Sent from	State 2
67	Z4 DIS-VOLTAGE FAILED	Z4 Disable Voltage Failed	Position Point exceed in Dn directn
68	Z4 SWITCH ON DISABLED	Shutdown Seq Completed and Drive is	in Switch on Disabled
69	Z4 DISABL VOLTAGE [4]	Z4 Disable Voltage CMD Sent from	State 4
70	Z4 MODE ENABLE LOSS	Z4 state changed without any shutdn	CMD while in State 4
71	Z4 IDLE SHORT CCT STO	Idle Short circuit detected in the	shutdown process
72	Z4 IDLE SHORT CCT STA	Idle Short Circuit detected in the	

4.4.2) Magnetek Drive:

26	DRIVE REQUEST TIMEOUT	A request sent to the Drive was	cleared due to being unsucsessful
27	DRIVE COMMAND TIMEOUT	A command sent to the Drive was	cleared due to being unsucsessful
28	DRIVE PARAM UPDATED	Parameter write to the drive was	sucsessful
29	DRIVE PAR UPDATE FAIL	Parameter write to the drive was	unsucsessful
30	RUN TIME MSG FORCED	When lift moving, Run Time Message	reqd. Not set, hence forced
31	DRIVE READY TIMEOUT	Before lift starts, If not ready,	requests commands are cleared
32	DRIVE PAR RANGE ERROR	Drive parameter ID is out of range	no action taken
33	DRIVE PAR DATA ERROR	Drive parameter Data is out of	range no action taken
34	DRIVE EV HIST CLR ERR	Attempt to clear Drive Fault	History failed, try again

4.5) Event Trace Setup->CODE BLUE INFORMATION

35	CBLUE CALL ASSIGNED	Return call assigned under Code	Blue Operation Occ=Lift	(sub event code = lift)
36	CBLUE CALL UNASSIGNED	Return call unassignd under CBlue	i.e. Answrd or failed Occ=Lift	(sub event code = lift)
37	CBLUE CALL TIMEOUT	lift time out whilst trying to	return under Code Blue Opn Occ=Lift	(sub event code = lift)
38	CBLUE CALL TIMOUT RST	previous time out resset/re-cycled	for an other attempt Occ=Lift	(sub event code = lift)
39	OPERATION CODE BLUE	Lift operating in accordance to	Code Blue Operation	

Event Trace Setup->POSITION DEVICE INFO

45	STOPPED HIGH IN UP	Lift stopped Above Floor Level in	UP dir At Posn;Occur=dist mm	(sub event code=distance mm)
46	STOPPED LOW IN UP	Lift stopped Below Floor Level in	UP dir At Posn;Occur=dist mm	(sub event code=distance mm)
47	STOPPED HIGH IN DN	Lift stopped Above Floor Level in	DN dir At Posn;Occur=dist mm	(sub event code=distance mm)
48	STOPPED LOW IN DN	Lift stopped Below Floor Level in	DN dir At Posn;Occur=dist mm	(sub event code=distance mm)

4.6) Other Trace Events

98	TRACE BUFFER PURGE	The Trace Buffer Memory has been	Purged/Deleted