

TABLES

This section provides general system reference tables and communications report mapping details.

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T03 Contact ID Messages
 -Common Messages
 -Event Types

T04 Contact ID Maps
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T05 Map-1 Refer to Website.

T06 School 30 Refer to Website.

T07 School 19 Refer to Website.

T07a School 19B Refer to Website.

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NOTES: 1. A summary of the Contact ID Maps can be found in the introduction to “Comms Task Formats” in the Programming Reference section.
 2. PACOM map (V7.0 or later only). The Pacom Contact ID map can be found in the Pacom Comms Task documentation (Comms14 Pacom.pdf) on the Website.

T10 Securitel Serial Channel Maps. Refer to Website.
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Website: Technical Support:
 <http://support.innerrange.com>
 Home Page:
 <http://www.innerrange.com>

NOTES

T01. System Inputs

NOTES:

1) System Input Review Logging. All System Inputs, when activated, generate an Alarm state and a Tamper state allowing them to be processed as either an Alarm and/or Tamper condition depending on the Input Type options selected in the Process Group.

For this reason, changes in state on System Inputs will continue to be saved to Review, (and in some cases processed as Tamper alarms) even if all the Areas relevant to those Inputs are turned Off, because the 24 Hr (Tamper) part of the Area is still On. To disable the Review logging (and processing if relevant) of System Inputs, the 24Hr (Tamper) part of the Area must also be turned Off.

See "Area Programming", MENU, 7, 1 for more information.

2) Contact ID Event Codes. The Default CID Event Codes listed in these tables apply to all Contact ID Maps except for the SIMS II Map. For SIMS II CID Event Codes, see Table T08 "SIMS II Alarm Report Mapping".

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LCD Terminals (Tnn:Snn) and Touchscreen Terminals (Knn:Snn)

NOTE: S02 (Panic), S03 (Door Forced), S04 (Door Held) and S06 (Deadman) are not currently supported in the Touchscreen Terminal.

No:	Name	Description	Default CID Event Code	Default Process Group If "Add System Inputs" used
S01	Cabinet Tamper	Alarm when LCD Terminal Tamper Input un-sealed.	145	PG009 System Tamper
S02	Panic	<HELP> key pressed 3 times consecutively whilst logged out. <i>See User Manual for more details.</i>	120	PG009 System Tamper
S03	Door Forced	If Terminal used for Access Control. Alarm if Z01 unsealed without valid activation of Lock Aux. (X01)	420	PG014 Access Alarm
S04	Door Held	If Terminal used for Access Control. Alarm if Z01 unsealed for longer than the Lock Time + Max Door Open Time. Restore on Z01 Seal or next Valid Door Access.	420	PG015 Access Silent
S05	Operator Duress	Alarm when a User Duress PIN Code entered. <i>See User Manual for more details.</i>	122	PG006 Duress (V4.5 or later) PG010 System Silent (Prior to V4.5)
S06	Deadman	Not Used. (Spare for future applications)	102	PG010 System Silent
S07	Lockout.	Too many PIN tries	140	PG013 Access Local
S08	LAN Comms Problem	Alarm if Terminal fails to respond to a number of consecutive comms packets from the Controller.	143	PG011 System LAN

Control Module (Cnn:Snn)

No	Name	Description	Default CID Event Code	Default Process Group -If "Add System I/Ps" used
S01	Cabinet Tamper	Alarm while Controller Tamper Input un-sealed.	145	PG009 System Tamper
S02	Internal Siren Tamper	Alarm while no speaker load on S1 Siren output.	145	PG009 System Tamper
S03	External Siren Tamper	Alarm while no speaker load on S2 Siren output.	145	PG009 System Tamper
S04	AC Fail-Mains Power	Alarm while no AC present.	301	PG010 System Silent
S05	Low Battery	Alarm if voltage on battery input is below 11V while AC is not present or while the battery charger is turned off. Restores when voltage on battery input is above 11V, AC is restored, or the battery charger is turned back on. De-bounce prevents state chatter.	302	PG010 System Silent
S06	LAN Fuse Tamper	Alarm while LAN fuse blown.	140	PG010 System Silent
S07	Detector Fuse Tamper	Alarm while Detector fuse blown.	140	PG010 System Silent
S08	LAN Comms Status	Not Used. (Spare for future applications)	143	-
S09	Battery Test Fail	Alarm when Low Battery condition detected while a Battery Test is running. <i>See Note 1 below.</i>	309	PG010 System Silent
S10	Checksum Alteration (V5.6 or later)	Program change. Alarm when checksum change detected in a memory structure when performing Memory Check. <i>See Note 1 below.</i>	306	-
S11	System Power on reset	Alarm on power-up reset or Watchdog reset. (V5.6 or later) <i>See Note 1 below.</i>	305	-
S12	Line Fault	Alarm if no Line detected before dialing. Needs the Line Test Time option programmed in an "Answer Call" or "Insight IModem" Comms Task format.	351	PG012 System Local
S13	UART 1 Problems	Printer CT: Alarm while CTS low. GSM CT: (V4.5 or later) Alarm on 3 consecutive failed comms with FE3000. Restore on successful poll.	330	PG012 System Local V7.0 or later: Not added automatically.
S14	UART 2 Problems	Insight CT: (V7.0 or later) Alarm when CT first set to "Active" until connection is established, or when CT goes off-line. Restore when Insight connection is first established, or is re-established after being off-line (i.e. Comes back on-line)	330	PG012 System Local
S15	UART 3 Problems		330	PG012 System Local
S16	UART 4 Problems		330	PG012 System Local
S17	Zone self test fail	Alarm when a "Self Test" Zone fails the Zone Self Test routine. <i>See "Zone Input Testing" in the Applications section.</i>	307	PG012 System Local
S18	Time Report	Alarm when "Trigger Time Report" action triggered by a TimeZone program. <i>See Note 1 below.</i>	602	PG016 Test Report. (PG010 System Silent if prior to V5.6)
S19	Manual Trigger Time Report	Alarm when Menu, 8, 2 (Test report) selected. <i>See Note 1 below.</i>	601	
S20	Comms Backup	Alarm when "Backup attempts" is reached. Restore on next acknowledged Xmit event.	350	PG012 System Local
S21	Comms Fail	Alarm at maximum attempts/buffer full. Restore on next acknowledged Xmit event or Comms Task set to Idle then Active.	354	PG012 System Local
S22	Phone	Alarm when IModem or Answer Call Comms Task detects no DC on phone line. Restores when DC detected. Hysteresis prevents state chatter.	351	PG012 System Local
S23	Module Substitution "New Module"	Alarm when a non-LAN secured Module is connected to a Secured LAN. Restores when Module removed or LAN Secure (MENU, 7, 8, 1) is performed.	140	PG010 System Silent
S24	Pre-arm 1 Test Start	Alarm while Pre-arm test running on an Odd Area.	140	-
S25	Pre-arm 1 Test Fail	Alarm when Pre-arm test failed on an Odd Area. Restore when Pre-arm test passed.	140	-
S26	Pre-arm 2 Test Start	Alarm while Pre-arm test running on an Even Area.	140	-
S27	Pre-arm 2 Test Fail	Alarm when Pre-arm test failed on an Even Area. Restore when Pre-arm test passed.	140	-

No	Name	Description	Default CID Event Code	Default Process Group -If "Add System I/Ps" used
S28	Request for Service	Alarm when Menu, 8, 1 (Req. Serv.) selected. <i>See Note 1 below.</i>	140	-
S29	Intell. Reader Problem	Alarm when an Intell 4 Door Access Module fails checksum test after a database change. Restores when all IFDAMs pass the checksum test. (V5.6 or later)	140	-
S30	GSM Problem	Alarm when no acknowledge received and no more numbers to try. Restore when Comms Task re-started or a valid "R" command received via SMS.	140	-
S31	Expander Power Test	Alarm while manual Expander Battery Test enabled. (MENU, 4, 8. Off key starts Test, On key ends test)	140	-
S32	(Spare)		140	-

NOTES:

- The System Inputs listed below do not generate a separate Restore event. If any of these Inputs are programmed to trigger another action, be aware that no separate Restore event will occur that can be used to reverse that action.
e.g. If the "Battery Test Fail" system input is programmed to turn on an Area Alarm 2 Auxiliary (the non-latching Area Alarm Auxiliary), the Auxiliary will only turn off when the Area is turned off, or if another mechanism such as an Auxiliary timer is programmed for the Auxiliary.
C01:S09 Battery Test Fail C01:S10 Checksum Alteration C01:S11 System Power-on reset
C01:S18 Time Report C01:S19 Manual Trig. Time Rpt. C01:S28 Request for Service

32 Zone Expanders (Bnn:Snn) and 16 Zone Expanders (Enn:Snn))

No:	Name	Description	Default CID Event Code	Default Process Group If "Add System Inputs" used
S01	Cabinet Tamper	Alarm when Expander Tamper Input un-sealed.	145	PG009 System Tamper
S02	Internal Siren Tamper	Alarm when no speaker load on S1 Siren output.	145	PG009 System Tamper
S03	External Siren Tamper	Alarm when no speaker load on S2 Siren output.	145	PG009 System Tamper
S04	AC Fail	Alarm when no AC present.	301	PG010 System Silent
S05	Low Battery	Alarm when battery voltage below 11V. De-bounce prevents state chatter.	302	PG010 System Silent
S06	LAN Fuse	Alarm when LAN fuse blown.	140	PG010 System Silent
S07	Detector Fuse	Alarm when Detector fuse blown.	140	PG010 System Silent
S08	LAN Comms Problem	Alarm if Terminal fails to respond to a number of consecutive comms packets from the Controller.	143	PG011 System LAN
S09	Battery Test	Alarm when Low Battery condition detected while a Battery Test is running.	309	PG010 System Silent
S10	Program Change	Not Used. (Spare for future applications)	306	-

1 Door / 2 Door Access Modules [Reader Modules] (Rnn:Snn)

See “Reader Module programming” (MENU, 7, 2, 4) for details of Preconfigured Zone Inputs (Rnn:Znn)

No:	Name	Description	Default CID Event Code	Default Process Group If "Add System Inputs" used
S01	Cabinet Tamper	Alarm when Access Module Tamper I/P un-sealed.	145	PG009 System Tamper
S02	Low Volts	Alarm when supply voltage drops below 10.5V DC. Restore when supply voltage goes above 11V DC.	302	PG010 System Silent
S03	1st Door Forced	Alarm if Reed1 or Tongue1 (if used) unsealed without valid activation of Lock Aux. (X01) Restore when both Reed1 & Tongue1 sealed or next valid Door Access.	140	PG014 Access Alarm
S04	1st Door Held	Alarm if Reed1 or Tongue1 (if used) unsealed for longer than the Lock Time + Max Door Open Time. Restore when both Reed1 & Tongue1 sealed or next valid Door Access.	140	PG015 Access Silent
S05	2nd Door Forced	Alarm if Reed2 or Tongue2 (if used) unsealed without valid activation of Lock Aux. (X04) Restore when both Reed2 & Tongue2 sealed or next valid Door Access.	140	PG014 Access Alarm
S06	2nd Door Held	Alarm if Reed2 or Tongue2 (if used) unsealed for longer than the Lock Time + Max Door Open Time. Restore when both Reed2 & Tongue2 sealed or next valid Door Access.	140	PG015 Access Silent
S07	Illegal Card (Either Reader)	Alarm when an unrecognised Card is presented at either Reader Head.	140	PG013 Access Local
S08	LAN Comms Problem	Alarm if Module fails to respond to a number of consecutive comms packets from the Controller.	143	PG011 System LAN

Wireless Network Module [formally "SpreadNet"] (Nnn:Snn)

No:	Name	Description	Default CID Event Code	Default Process Group If "Add System Inputs" used
S01	Timeout	Alarm when any one of the 16 Zone Transmitters for this Module fails to report in the specified poll time. Restore when all Transmitters have reported within the low priority poll time, or when the Comms Task is re-started.	353	PG010 System Silent
S02	Low Battery	Alarm when any one of the 16 Zone Transmitters for this Module reports a Low Battery condition. Restore when the Comms Task is re-started.	356	PG010 System Silent
S03	Spare		140	-
S04	Spare		140	-

8 Zone Mini Expanders (Mnn:Snn)

No:	Name	Description	Default CID Event Code	Default Process Group If "Add System Inputs" used
S01	Low Volts	Alarm when supply voltage drops below 10.5V DC. Restore when supply voltage goes above 11V DC.	302	PG010 System Silent
S02	Zone1 Extra	Z01 defined as "Suspicion" or Holdup/Susp" Type: Alarm when Z01 is shorted. Restore when Z01 is Sealed, in Alarm or Open circuit. Z01 defined as "Counter" Type: Alarm when counter exceeds Trigger 2 value. Restore when counter goes below Trigger 2 value.	140	-
S03	Zone2 Extra	As per S02 "Zone1 Extra", but uses Z02.	140	-
S04	Zone3 Extra	As per S02 "Zone1 Extra", but uses Z03	140	-
S05	Zone4 Extra	As per S02 "Zone1 Extra", but uses Z04.	140	-
S06	Zone5 Extra	As per S02 "Zone1 Extra", but uses Z05.	140	-
S07	Zone6 Extra	As per S02 "Zone1 Extra", but uses Z06.	140	-
S08	Zone7 Extra	As per S02 "Zone1 Extra", but uses Z07.	140	-
S09	LAN Comms Problem	Alarm if Module fails to respond to a number of consecutive comms packets from the Controller.	143	PG011 System LAN

Intelligent 4 Door Access Module (Inn:Snn)

*See “Intelligent 4 Door Access Module programming” (MENU, 7, 2, 8)
for details of Preconfigured Zone Inputs (Inn:Znn)*

No:	Name	Description	Default CID Event Code	Default Process Group If "Add System Inputs" used
S01	Lock Tamper. Door #1	Alarm while load (Lock coil) removed from output. <i>See installation manual for wiring configuration required for this feature.</i>	145	PG014 Access Alarm
S02	Lock Tamper. Door #2		145	PG014 Access Alarm
S03	Lock Tamper. Door #3		145	PG014 Access Alarm
S04	Lock Tamper. Door #4		145	PG014 Access Alarm
S05	Door Forced. Door #1	Alarm if Reed or Tongue Input (if used) unsealed without valid activation of Lock Aux. Restore when both Reed & Tongue Inputs sealed or on next valid Door Access.	140	PG014 Access Alarm
S06	Door Forced. Door #2		140	PG014 Access Alarm
S07	Door Forced. Door #3		140	PG014 Access Alarm
S08	Door Forced. Door #4		140	PG014 Access Alarm
S09	Door Open Too Long. D #1	Alarm if Reed or Tongue Input (if used) unsealed for longer than the "Lock Time" + 2 x "Max Door Open Time". Restore when both Reed & Tongue Inputs sealed or next valid Door Access.	140	PG015 Access Silent
S10	Door Open Too Long. D #2		140	PG015 Access Silent
S11	Door Open Too Long. D #3		140	PG015 Access Silent
S12	Door Open Too Long. D #4		140	PG015 Access Silent
S13	Invalid Card. Door #1	Alarm when an unrecognised Card is presented at either Reader Head.	140	PG013 Access Local
S14	Invalid Card. Door #1		140	PG013 Access Local
S15	Invalid Card. Door #1		140	PG013 Access Local
S16	Invalid Card. Door #1		140	PG013 Access Local
S17	Cabinet Tamper.	Alarm when Module Tamper I/P un-sealed.	145	PG009 System Tamper
S18	General Lock Fault.	Not Used. (Spare for future applications)	140	PG014 Access Alarm
S19	Battery Test Fail.	Alarm when Low Battery condition detected while a Battery Test is running.	309	PG010 System Silent
S20	AC Fail - Mains Power.	Alarm when no AC present.	301	PG010 System Silent
S21	Low Battery.	Alarm when battery voltage below 10.5V DC.	302	PG010 System Silent
S22	LAN Fuse Tamper.	Alarm when LAN fuse blown.	140	PG010 System Silent
S23	Detector Fuse Tamper.	Alarm when Detector fuse blown.	140	PG010 System Silent
S24	LAN Comms Problem.	Alarm if Module fails to respond to a number of consecutive comms packets from the Controller.	143	PG011 System LAN

Analogue Module (Qnn:Snn)

No:	Name	Description	Default CID Event Code	Default Process Group If "Add System Inputs" used
S01	Cabinet Tamper	Alarm when Analogue Module Tamper I/P un-sealed.	145	PG009 System Tamper
S02	Low Volts	Alarm when supply voltage drops below 10.5V DC. Restore when supply voltage goes above 11V DC.	302	PG010 System Silent
S03	LAN Comms Problem	Alarm if Module fails to respond to a number of consecutive comms packets from the Controller.	143	PG011 System LAN

LAN Power Supply Module (Pnn:Snn)

No:	Name	Description	Default CID Event Code	Default Process Group If "Add System Inputs" used
S01	Cabinet Tamper	Alarm while LAN PS Tamper Input un-sealed.	145	PG009 System Tamper
S02	AC Fail	Alarm while no AC present.	301	PG010 System Silent
S03	Low Battery	Alarm when battery voltage below 11V. De-bounce prevents state chatter.	302	PG010 System Silent
S04	Battery Fail	Alarm when Deep discharge protection is activated. (Battery volts below 10.5V) Restore when Battery volts >11.6V	140	PG010 System Silent
S05	Detector Fuse	Alarm while Detector fuse blown.	140	PG010 System Silent
S06	LAN Fuse	Alarm while LAN fuse blown.	140	PG010 System Silent
S07	Battery Fuse	Alarm while Battery fuse blown.	140	PG010 System Silent
S08	Aux 2 Fuse Fail	Alarm while Aux 2 (Satellite Siren) Fuse blown.	140	PG010 System Silent
S09	Aux 2 Tamper	Alarm while Load disconnected from Aux 2 (Satellite Siren)	140	PG010 System Silent
S10	Detector Over-current	Alarm while Detector current exceeds the programmed value.	145	PG010 System Silent
S11	Battery Over-current	Alarm while Battery current exceeds the programmed value.	140	PG010 System Silent
S12	Over-volts	Alarm while Detector, Battery or LAN +ve volts exceeds 15.5V.	140	PG010 System Silent
S13	Low Volts	Alarm while Detector, Battery or LAN +ve volts drops below 12.5V.	140	PG010 System Silent
S14	Slave Fail	Alarm while Master Unit is unable to communicate with one or more Slaves.	330	PG010 System Silent
S15	Battery Test Fail	Alarm when Battery volts below 11.0V during Dynamic Battery Test.	309	PG010 System Silent
S16	LAN Comms Problem	Alarm if LAN PS fails to respond to a number of consecutive comms packets from the Controller.	143	PG011 System LAN

RF Expander Module (Fnn:Snn)

No:	Name	Description	Default CID Event Code	Default Process Group If "Add System Inputs" used
S01	Cabinet Tamper	Alarm while RF Module Cabinet Tamper Input un-sealed.	145	PG009 System Tamper
S02	Low Volts	Alarm while LAN +ve volts drops below 11V.	302	PG010 System Silent
S03	RF Transmitter Low Battery	Alarm while RF Module detects an RF Zone Transmitter with a Low Battery. Note: Transmitters enrolled as User Fobs will log a Low Battery event to Review, but will not cause an alarm on this System Input.	384	PG010 System Silent
S04	RF Transmitter Poll Fail	Alarm when any RF Zone Transmitter on the Module fails to report within the Transmitter Poll Time.	381	PG010 System Silent
S05	RF Transmitter Jam	Alarm while RF Expander Module Receiver is being jammed.	344	PG010 System Silent
S06	LAN Comms Problem	Alarm if RF Expander fails to respond to a number of consecutive comms packets from the Controller.	143	PG011 System LAN

NOTES

T02. Review Messages

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NOTE: “Process Info” messages.

If the system has installation, programming, or equipment problems, the Control Module may log a “Process Info” (formerly “Process error”) message to the Review. Normally, this message will be preceeded and/or followed by other Review events that will provide the necessary detail on the problem.

e.g. Dec09 11:47:36.6 Module Lost: IrdR #002

Dec09 11:47:36.6 Process Info \$0285 Control #001 (Direct result of the preceeding “Module Lost” message)

The “Process Info” messages are mainly intended for factory use and will not provide any useful information to the installer/programmer, with the exception of some messages which may help to resolve Intelligent 4-Door Access Module programming problems.

See “Process Info \$xxxx” under *Module messages* in this document, and “Intelligent 4 Door Access Module Programming” for more information.

Message	Meaning
<u>Air Conditioning</u>	
Zone Damper	A zone damper auxiliary has been operated (On = damper closed)
A/C Unit	The compressor has been turned on/off
R/Cycle	Compressive heating (auxiliary on) or cooling (auxiliary off) selected
Fan	Fan has been turned on (auxiliary on) or in auto mode (auxiliary off)
Fresh	Fresh air damper has been opened (auxiliary on)
Bypass	Bypass damper has been closed (auxiliary on)
Exhaust	The exhaust output has been turned on.
<u>Area On/Off Messages</u>	
No Areas	Area on / off denied because there are no Areas
Too Big	Area on / off denied because it exceeds the maximum allowable Areas
Already On	Area on denied because it is already on
Already Off	Area off denied because it is already off
In Use	Area on / off denied because it is being used by another User
No Options	A card has been presented to arm an Area, but no Area has been defined for the other side of the door
Area On	A card has been presented to arm an Area, but the Area is already on
Not in List	A card has been presented to arm an Area, but the Area is not in the Area On List in the User's User Type.
Unseal	Area on denied because one or more Zones are Unsealed.
24Hr Off	Area's 24 hour tamper partition has been turned off
Defer timer started	A deferred Area has been turned off and the deferred timer has started
Warning timer started for 250 secs	Warning beeps are being emitted from the Terminal. They will continue for 250 seconds after which time, if no valid code has been re-entered, the deferred Areas will be turned on.
Area On by timer	The Area has been turned on by the timer.
Prune Enables	Inputs no longer required to be enabled for alarm/alarm restore states because all the Areas they are assigned to are now off, are now disabled. (Also logged when Installer exits "Test Inputs" menu.)

Auxiliary Events Message

Illegal Aux	Auxiliary definition is illegal
Module not present	Module is not on the network
Unnecessary	Auxiliary is already on/off
Over-ridden	Auxiliary action aborted due to an over-ride from another task
Refreshed	Auxiliary Timer has been restarted
(Code Entry)	Auxiliary on/off by a User valid code
(Door Lock)	Auxiliary on/off by a valid access at a Door
(Menu)	Auxiliary on/off by a User at a LCD Terminal
Exit Aux	Auxiliary on/off by an Area exit delay
Entry Aux	Auxiliary on/off by an Area entry delay
Siren Aux	Auxiliary on/off by an Area Siren
Close Aux	Auxiliary on/off by an Area close/open
Tamper Aux	Auxiliary on/off by an Area tamper
Alarm Aux	Auxiliary on/off by an Area alarm
Isolate Aux	Auxiliary on/off by an Area isolate
Aux Timer	Auxiliary on/off by an Auxiliary Timer
(Time-Zone)	Auxiliary on/off by a TimeZone
(Func. Zone)	Auxiliary on/off by a Function Zone
(Calc. Aux)	Auxiliary on/off by a Calculated Auxiliary
Module Reset	Auxiliary on/off by a module reset

Message	Meaning
Exit Button	Auxiliary on/off by a REX button
Entry Button	Auxiliary on/off by a REN button
(Diary)	Auxiliary on/off by a Diary event
Seize Aux	Auxiliary on/off by a Comms Task seizing the line
Pass Aux	Auxiliary on/off by a Comms Task valid acknowledge
CmdBk Aux	Auxiliary on/off by a Comms Task Command back sequence
Terminal	Auxiliary on/off by Home Aux Right Arrow at a Terminal.

Comms Task Messages. General.

Aborted	A Comms Task has been aborted by the installer or a Backup dialer Comms Task (CID Backup, IRfast Backup) has been aborted by another Comms Task.
Started	A Comms Task has been started by the Installer/Reset
Waiting for H/S	A Comms Task is waiting for a Hand Shake from the Central Station
Waiting for Ack	A Comms Task is waiting for an acknowledge signal
No Ack	A Comms Task has not had data acknowledged within the time required by this format
Held up	A Comms Task has been held up by resources being used by another Comms Task
Continue	A Comms Task which was waiting for resources can now use those resources and continue
Too Long	A Comms Task's maximum on-line time has been exceeded
Overflow !	A Comms Task has not been able to send information for so long that its send buffer has overflowed. Information will not be sent.
Triggered	A Comms Task has detected information that it needs to communicate
Resumed	A Comms Task has resumed after having passed control to a backup task.
Send Data	A Comms Task has just sent data in the required format
Rxed Ack	A transmitted data packet has been acknowledged by the Central Station.
Rxed Nak	A transmitted SIA packet has been not accepted by the CS. The C3000 will try up to 4 times in total.
No OK	The C3000 has timed out waiting for an Acknowledge or a Not Acknowledge from the Central Station.
Modem Connect	A Comms Task has just had a legal modem connect sequence
Lost Carrier	A modem based Comms Task has just lost modem carrier
Off-Line	An RS232 based Comms Task cannot send information because the peripheral device is off-line
On-Line	An RS232 based Comms Task can now send information because the peripheral device has just gone on-line
Defer Start	A "Delayed Reporting" Timer has been started for a Dialer Comms Task.
Format ?	A Comms Task has been aborted because the format is unknown
By User	A Comms Task has been aborted by the Installer
Port ?	A Comms Task has been aborted because the specified port is illegal
Not IR ?	A Comms Task has been aborted because a modem handshake was received for a non modem format

Comms Task Messages - Dialer

Waiting to Dial	A Comms Task is waiting for a dial tone
Dial	A Comms Task is dialling a number
Max Attempts !	A Comms Task has given up dialling - information will not be sent.
Call too long	A Comms Task has exceeded the maximum on-line time and hung up.
Tone too long	A Comms Task has detected a continuous tone
Dial Hold off	A Comms Task is waiting an anti-jam time until re-attempting dialling. The line remains seized.

Message	Meaning
Hang up	A Comms Task has just hung up the line
No Line !	No DC line voltage has been detected prior to dialling
Delayed by Ring	A Comms Task is being delayed in making a call because the incoming line is ringing
Looped Line	A Comms Task has just looped the line
Answered	A Comms Task has just answered a ringing phone
No Phone #s	A Comms Task cannot dial because there are no programmed telephone numbers
Quiet	The telephone line has no signals present
Noise	The telephone has many frequencies present that cannot be decoded. They may be speech or noise.
Freq. ?	A single frequency has been detected which is not recognised
Dial	Dial tone has been detected
Busy	Busy tone has been detected
Ring	Ring cadence has been detected
STD	STD beeps have been detected
1400Hz	A 1400Hz slow format handshake has been detected
2300Hz	A 2300Hz slow format handshake has been detected
AdFast	An Ademco fast format handshake has been detected
Modem	A CCITT modem handshake has been detected
Timeout	The initial handshake from the central station (ARC) was not detected by the modem sub-system.
Rx Cmd \$0000 (Debug Review only)	IRfast Debug message where cc = command & rr = result. [Detailed Review only prior to V5.7]
Tx Cmd \$0000 (Debug Review only)	IRfast Debug message where cc = command & rr = result. [Detailed Review only prior to V5.7]

Comms Task Messages **- SpreadNet**

Aborted - No Structure	The memory chip has not been configured to accommodate this module type.
Wrong Size	Contact Technical Support
Wrong Type	Contact Technical Support
Wrong Module N08:Z01	The Transmitter has been set to a device number that is higher than that which the memory has been configured to handle. (The maximum device number is equal to the maximum Wireless Network module number)
TxSealed N03:Z12 S/N:71/10 dB	Review has recorded a transmission from the nominated transmitter including its current state, signal and noise levels.
TxAlarm N03:Z11 S/N:69/09 dB	Review has recorded a transmission from the nominated transmitter including its current state, signal and noise levels.
TxTamper N01:Z07 S/N:55/15 dB	Review has recorded a transmission from the nominated transmitter including its current state, signal and noise levels.
TxLowBatt N02:Z04 S/N:45/13 dB	Review has recorded a transmission from the nominated transmitter including its current state, signal and noise levels.
TxNoPoll N05:Z16	This review entry records that the expected transmission from the nominated transmitter did not occur.
No Poll	This review entry is generated whenever an RS232 communication with the receiver fails and so long as the (E)rrors save option has been set.
Off Line	The UART problems system input has been put into alarm because there have been 5 consecutive failed communication attempts with the SpreadNet receiver
On Line	The UART problems system input has been restored because a successful communication has just taken place with the SpreadNet receiver.

Message	Meaning
<u>Comms Task Messages -Inovonics</u>	
Aborted - No Structure	The memory chip has not been configured to accommodate this module type.
Wrong Size	Contact Technical Support
Wrong Type	Contact Technical Support
(Detailed Review only)	
Wrong Module N08:Z01	The Transmitter has been set to a device number that is higher than that which the memory has been configured to handle. (The maximum device number is equal to the maximum Wireless Network module number)
(Detailed Review only)	
Rx Cmd \$0000	An Error has occurred between the FA400 Receiver and the IR400 Interface.
(Debug Review only)	[Detailed Review only prior to V5.7]
Tx Sealed N03:Z12 S/N:71/10 dB	Review has recorded a transmission from the nominated transmitter including its current state, signal and noise levels.
Tx Alarm N03:Z11 S/N:69/09 dB	Review has recorded a transmission from the nominated transmitter including its current state, signal and noise levels.
Tx Tamper N01:Z07 S/N:55/15 dB	Review has recorded a transmission from the nominated transmitter including its current state, signal and noise levels.
Tx LowBatt N02:Z04 S/N:45/13 dB	Review has recorded a transmission from the nominated transmitter including its current state, signal and noise levels.
Tx No Poll N05:Z16	This review entry records that the expected transmission from the nominated transmitter did not occur.
Now Polling	Periodic polling between the FA400 Receiver and IR400 Interface has been restored (E)rrors save option must be set to Yes.
No Poll	Periodic polling between the FA400 Receiver and IR400 Interface has failed. (E)rrors save option must be set to Yes.
Rxed Activate	The IR400 interface has been Reset.
Off Line	The "UART problems" system input has gone into alarm because there have been 5 consecutive failed communication attempts with the IR400 Inovonics interface.
On Line	The "UART problems" system input has been restored because a successful communication has just taken place with the IR400 Inovonics interface.
Xmit Discarded	A transmitter report has been received with the wrong Application ID or wrong System ID. It may indicate that other transmitters not associated with this site are within range of the FA400 Receiver.

Comms Task Messages - Securitel

STU Info	A Securitel Comms Task has just received a change in status from the STU
STU Data	A Securitel Comms Task has just sent serial data to the STU
FAULT	A Securitel Comms Task STU has invalid options for a STU fault
NO COMMS	A Securitel Comms Task STU cannot talk to the Scanner
FULL	A Securitel Comms Task STU send buffer is full
NO ACK	A Securitel Comms Task STU has unacknowledged alarms
POLL	A Securitel Comms Task STU has been polled by the network
NO ID	A Securitel Comms Task STU has not been loaded with a soft ID
AUX	A Securitel Comms Task STU has received an Auxiliary control command

Message	Meaning
<u>Comms Task Messages. GSM.</u>	
GSM Status: Reg Rssi: nnn db	Indicates:
GSM Status: Not Reg Rssi: nnn db	a) Whether the GSM Modem is correctly registered with the network and able to send Contact ID / SMS.
	b) The current Signal strength. For reasonable service, the RSSI should be better than -85dB. (i.e. The lower the number, the better) A value of -254 or -255 indicates that no measurement is possible.
Overflow	Some Alarm information has been lost! Alarms to be sent via either CID or SMS have banked up due to Comms Problems.
Discard Alarms	GSM Modem has failed sending CID Alarms. All alarms up to this point have been discarded.
CT Resumed	A Comms task that was suspended because control was transferred to a backup task has now resumed control again.
Send Msg back to sender / Send Msg to <phone number>	A text message has been sent to the SMS number either as the result of a valid review entry or in reply to a command received via the SMS.
Rxed Msg via <phone number> from <user> <problems>	An SMS command has been received. If the source Phone number and/or a valid User is recognised it is displayed. If the message is rejected due to security, the reason is displayed:
Wrong Phone	Not SMS1 or SMS2 number and "P" in option not enabled.
Need Pin	"P" in option enabled, but no PIN code received.
Wrong Pin	"P" in option enabled and PIN received, but PIN code not from User 1 to 32.
User Cancelled	User Type not assigned to User
Syntax	Problem with command syntax.
Proramming	Problem due to programming error.
Not Allowed	Operation not allowed.
Backup Problem	GSM Comms Task has been triggered as a Backup Task, but GSM Modem is currently unregistered. Alarms are discarded and control returned to the Primary Comms Task.
Backup Started	GSM Comms Task has been triggered as a Backup Task.
Offline	RS232 (UART) Comms with the FE3000 has failed.
Online	RS232 (UART) Comms with the FE3000 is operational AND the GSM Modem has been successfully initialized.
SMS Deferred	"Max messages per 5 min" limit has been reached and no more SMS messages will be sent until the SMS pace timer expires (5 mins). Messages will bank up unless the "R" command is received via SMS.
Rx Cmd \$ccrr (Debug Review only)	Debug message where cc = command & rr = result. e.g. \$00eo indicates timeout in response to an enquiry (RS232 disconnected) [Detailed Review only prior to V5.7]
Send Data (Detailed Review)	Contact ID strings (Up to 3) have been transferred to the FE3000 for transmission as CID Alarms.
Alarms Sent (Detailed review)	All alarms transferred to the FE3000 have been sent correctly.
Discard SMS	A "R"reset command has been received via SMS to cancel any pending SMS text alarm messages ready to be sent.
Rxed Standby	Control Module has initiated an FE2000 re-start because it discovered that the FE2000 modem sub-system had an error. (FE2000 IR-GSM only)

Comms Task Messages. 8 Pin.

Timeout	The Verify Timer has expired
Wrong Module	The 8 Pin Comms Task is attempting to use an Invalid Auxiliary. e.g. The Module does not exist, or there are not enough Auxiliaries on the Module.
No #	A Process Group has been assigned to an Input that has no Verify Group.

Message	Meaning
<u>Comms Task Messages. Insight.</u>	
CTxxx OnLine	Occurs on the first valid packet from Insight.
CTxxx OffLine	Occurs when insight terminates for any reason, but only if it has previously received a valid packet.
CTxxx Timeout	Occurs when Insight has not received a valid command for 60 seconds, only if it has previously received a valid packet.
EU Online	Ethernet UART is operating. (Communicating with the Control Module)
EU Offline	Ethernet UART is not present, or not communicating with the Control Module.
EU Active	Ethernet network connection established.
EU Inactive	Ethernet network connection lost.
EU Connect	Insight connected via Ethernet.
EU Pinged	Panel has received message from Insight in response to Panel announce message. (Occurs just prior to "EU Connect")
Note: The "EU..." messages are "Debug only" messages in V7.40 or later.	

Comms Task Messages. C-Bus.

Aborted - Structure	A C-Bus Comms Task has been aborted because no C-Bus structure is present.
CTxxx OffLine	C-Bus Comms Task is considered Offline.
CTxxx OnLine	C-Bus Comms Task is considered Online.
CTxxx Timeout (Detailed Review only)	A C-Bus data packet has failed to be received because it took too long to complete
CTxxx Rxed ERR \$dddddd (Detailed Review only)	A C-Bus data packet has failed to be received because of an error.
CTxxx Cbus #ggg On	C-Bus activity has been detected for Group Address "ggg" (decimal). Action is either "On", "Off", or "Ramp". -If a "Ramp" command was detected, "LLL" = Final Ramp level.
CTxxx Cbus #ggg Off	
CTxxx Cbus #ggg to LLL	

Comms Task Messages. HPM.

Aborted - Structure	A HPM Comms Task has been aborted because no HPM structure is present.
CTXX Off-Line	This indicates that HPM CT is considered offline because it is not responding to commands from the Concept 4000.
CTXX On-Line	This indicates that HPM CT is considered online because the correct response to a "RESET" command was received.
CTXX Rxed Activate	The Concept 4000 has received an un-solicited "INTERFACE RESET" command from the HPM system.
CTXX Rxed Cmd \$xxyy	Error xx (hex) has been received from the HPM system. The last command sent to the HPM system was yy (hex) <i>See Table below for details.</i>

Error Codes		Command Codes	
Error	HPM Description	Command	Description
01	Network failed	04	S_CH or Q_CH (Set or Query Channel)
02	Input buffer full	05	S_SC (Set Scene)
03	Msg Format	06	S_GR (Set Group)
04	Tx Overrun	08	RESET
05	Parameter error		
06	TX ID		
07	Invalid Object		
08	Out of Range		
09	Request Failed		

Message	Meaning
<u>Comms Trigger Messages-Inputs</u>	Input Xmit messages e.g. Xmit Alarm on Foyer PIR in Admin Area saAo
Xmit message state: e.g. Xmit Alarm.	The first part of the Xmit message shows the <u>current</u> state. (Alarm, Tamper, Isolate or Restore) Note that in some cases, an "Xmit Restore" message will be shown after an Alarm event, if the Input has returned to the Sealed state before the Xmit message is generated. (e.g. An alarm on an Entry Zone where the Xmit message generation is suppressed until the end of the entry delay)
Input and Area details. e.g. "on Foyer PIR in Admin Area" "on B02:Z11 in A004"	The next part of the Xmit message shows the Input name (if programmed) or Input ID, followed by the Area name (if programmed) or Area number.
Xmit message Status information: e.g. saAo	The last part of the Xmit message is a status string of 3 to 5 characters that indicates the status and activity on the Input since the last Xmit event for that Input. (e.g. "saAo" in the example above) The information in this string is used in the generation of the message/s sent by the reporting Comms Task. e.g. Contact ID, IRfast, etc.
- 1st Character (lower case)	Previous State. i.e. State at the time of the last Xmit message for this Input.
- 2nd Character (lower case)	Current State. s = Seal, a = Alarm, t = Tamper, i = Isolate
- Next Character/s (UPPER case)	Other states that have occurred since the last Xmit message for the Input. A = Alarm, T = Tamper, R = Restore.
- Last Character (lower case)	Current Area State: o = On, f = Off
	Note that in some Comms Task formats such as Contact ID, a single Xmit message can result in two or more Alarm messages being sent to the monitoring station. e.g. If the Xmit message is "Had Restore on C01:Z03 in A005 ssAo ", then Alarm <u>and</u> Restore messages will be sent, as the "A" indicates there has been an alarm, <u>and</u> the 2nd character indicates the Input is currently sealed.

Input Change Messages**e.g. Had Alarm on Warehouse PIR (B05:Z06)**

These events normally only indicate a single state. However, if an Input has had two or more changes of state before a remote module sends the data to the Control Module, then multiple states will be shown.

State	Meaning			
Alarm	New Alarm	The list to the left are the most common Input Change Message states.		
Tamper	New Tamper			
Isolate	New Isolate	Under certain circumstances, the following messages may also be seen, indicating all the states that have occurred since the last Module message for that Input:		
Restore	New Restore			
Alm/Rest	Alarm and Restore	Tamp/Alm	Iso/Alm	Is/Al/Rt
Tamp/Rest	Tamper and Restore	Tp/Al/Rt	Iso/Tamp	Is/Tm/Rt
Iso/Rest	De-isolate		I/T/A/R	Is/Tm/Al

Door interlocking

IL Reason: No Door	Door not defined
IL Reason: No Struc.	No Door structure
IL Reason: IL Too Big	Specified Interlock group number exceeds number of interlock groups available for this configuration
IL Reason: Qual Aux	Qualify auxiliary is defined and is currently on
IL Reason: Qual Zone	Qualify option is set to "Y" and qualify zone is currently in alarm or tamper

Message	Meaning
IL Reason: Area On	An Area List is defined and an Area in the list is currently on
IL Reason: Illegal Aux	A Door in the defined Door List has an illegal Door Lock Auxiliary defined
IL Reason: Door Unlocked	A Door in the defined Door List is currently considered unlocked (Door Auxiliary is currently on)
IL Reason: Door Open	A Door in the defined Door List is currently considered open (Door Auxiliary is currently on)

Lift Operations

Illegal Card	Card not recognised by system
Cancelled	User Type is set to zero
No Door/Lift	No Lift Car assigned in reader module programming
No Access Group	No Access Group assigned in Lift Car programming
Not in List	No Lift Car List in User Type programming or no Lifts in Lift Car List
No Buttons	No Floor List in User Type programming or no Floors in Floor List or No Floors in Floor List in Lift Car programming (If non-zero).
Bad Options	A programming problem has occurred such as Lift Car number, Access Group settings, Floors set to zero or illegal auxiliary.
Overrun	If <u>not</u> High-Level Interface, this message indicates that at some time in the past, a Lift access card has been presented without the "1st Floor Auxiliary" defined. Need to check programming and reset Control Module.
User xxxxx Card Access at LCxxx	At least one Floor button enabled in this Lift Car by this user.
LC01 User Floors YYYYnnnn Ynnnnnnn nnnnnnnn nnnnnnnn	Shows Floor buttons being enabled (auxiliary off) for this user at this time from floor 01 to floor 32. Does not include floors already in free access.
LC01 Free Floors nnnnnnYY nnnnnnnn nnnnnnnn nnnnnnnn	Shows Floor buttons enabled (auxiliaries off) from floor 01 to floor 32 after the button time has expired. These will be the floors currently in free access.
LC01 Floor 01 Access (Free Floor)	A button feedback system has just had a floor button pushed on a floor in free access.
LC01 Floor 01 Denied (Secure Floor)	A button feedback system has just had a floor button pushed on a secure floor with no user present
LC01 Floor 01 Access by FRANK BLOGGS	A button feedback system has just had a floor button pushed on a secure floor which is legal for user FRANK BLOGGS
LC01 Floor 01 Denied to FRANK BLOGGS	A button feedback system has just had a floor button pushed on a secure floor which is not allowed for user FRANK BLOGGS.

Lift Interface. EMS High level.

Aborted, Port ?	Port is not in the range 0 to 4
Aborted, Format ?	The option chip is not present or the system Control module is not set up for high level lift interface.
Aborted, No Structure ?	This indicates a programming fault: • No lift structure - Config. Error • No Ancillary lift structure - Config. Error • Ancillary structure <> Main structure - Config. Error • More than 32 Lifts - Config. Error • No Legal EMS group/lifts exists for any lift • No. of EMS floors = 0

Message	Meaning
Timeout	The EMS system has detected a timeout and has set all floors to free access. The system will immediately download the current security mask for all floors.
On-Line	A legal packet has been received by the system after a fatal error.
Off-Line	Three receive errors have occurred in a row and the system has discarded the command it is trying to send. The system will still attempt to send commands to the EMS system. The UART system input will be alarmed.
Overrun	A card has been presented before the last card was processed by the EMS Comms Task.
Rx Cmd \$XYNN (Debug Review only. [Detailed Review only prior to V5.7])	This error only occurs in detail mode and represents a communication problem: X = 1 - Timeout waiting for reply X = 2 - Checksum error on received command X = 3 - Group mismatch in reply Y bit 0 set - Command had a checksum error Y bit 1 set - EMS system had a timeout Y bit 2 set - Command had a syntax problem Y bit 3 set - Spare NN = Number of bytes received for this packet

Module Messages.

Module No. too big	The module DIPswitch settings are too big for this type and memory configuration
Unknown Type	This module type is not recognised by this version of firmware
Module Limit Reached	The network can accept no new modules with this memory configuration
Module already exists	A Module of this type and number is already on the network
Module Found	A module has been found
Module Lost	A module has been lost. (Failed to respond to an acknowledge request)
Module Timeout	A module has failed to respond within the specified poll time.
Module not initialised	An attempt was made to update a module's programming and the module has failed on the network.
Module not present	An attempt was made to talk to a module that is not on the network
Module Recovered	A module has been recovered after being absent for a period of time.
Process Info \$xxxx	The Control Module encountered a processing issue. Typically caused by LAN or module programming problems. Check Review messages preceeding & following this event, then follow the LAN Troubleshooting procedures &/or check relevant programming.
-If xxxx is 11xx or 24xx	See "Intelligent 4 Door Access Module Programming" for details.
Keypad Lockout	The keypad has been locked out at a module after too many incorrect PIN tries.
Illegal PIN at	An illegal PIN was detected at a module
Illegal PIN at RF Expxxx	An RF Fob has been detected that is Expired, Invalid UType or No Permissions.
Illegal Card at	An illegal card has been detected at a module
Module Secured	The module has been secured with a new encryption key
Module Power Up	The module has been powered up
Module Substitution	The module encryption key does not match
Bad Options	There is an Access Group programming problem.
Wrong Format	A card has been presented at a module, the card format of which is not the expected format for that Reader
No Site Codes	A site code style card has been presented at a module but there are no site codes in this configuration
Wrong Site	A site code style card has been presented at a module but the card site code was not found in the allowable site codes
Too Big	A site code style card has been presented with the correct site code, but the card number, after allowing for the card offset, was too big for the memory configuration

Message	Meaning
Card 1st = 9846433729	Whilst the Reader Module was in "Any Credit Card" mode, a Credit Card with the Account number of 984643372967458 was presented.
Card 2nd = 67458	Reported State of Zones on RF Expander Modules.
RF Zone Alarm/Tamper/Restore	RF Expander Module Zone Signal Strength. 1=Lowest. 4=Highest.
Fxx Sig: x	RF Expander Module Zone has Low Battery condition.
Tx Low Batt	An RF Fob has been accepted, and button will be processed.
RF Fob Accepted	An RF Fob has been rejected and will not be processed. User is not known or RF Fob sync counter is out of range.
RF Fob Rejected	An RF Fob will not be processed because it is considered a repeated message. (i.e. Another button push has been received within 2 seconds of the previous button push from this Fob.) <i>Detail mode only.</i>
RF Fob Repeated	An RF Fob will not be processed because the sync count is an unexpected value. The Fob has been re-synchronized and the next button push should be accepted.
RF Fob Resynced	The RF Fob "Qualify Aux" Button (If programmed) has not been pressed prior to an "Area On", "Area List On" or "Zone Alm (Q)" Button action.
UnQualified Fob	RF Fob Button pressed. 1, 2, 3, or 4.
Butt=x	A HiO Single Door Access Module (Rnn; where nn is the Module number) is reporting a problem on an associated HiO device. Note that only trouble code numbers can be viewed via an LCD Terminal. For full text messages of HiO Trouble events, the messages must be viewed via Insight V5.1 or later.
HiO Trouble on Rnn...	

Siren On/Off Messages

Bell	Siren bell tone was turned on
Sweep	Siren sweep tone was turned on
Fire	Siren Fire tone was turned on
Evac.	Siren evacuation tone was turned on
Over-ridden	The current siren tone was over-ridden by a higher priority tone
No Change	No change was required to the current siren tone
Siren Holdoff	The Siren Holdoff Timer has started.

System Messages. General.

LAN Secured	The network has been secured
LAN Initialised	The network has just been initialised
Exit Timer	Area Exit timer started/expired
Entry Timer	Area Entry timer started/expired
Pulse Timer	Area Pulse timer started/expired
Siren Timer	Area Siren timer started/expired
Defer Timer	Area Defer timer started/expired
AC Hold off Timer	AC Hold off timer started
Low Batt.	Control Module Low Battery
Prune Enables	System is no longer monitoring the status of the previously selected zones or auxiliaries. (This message only appears in detailed review and only usually when exiting a test mode or turning off an Area, etc.)
Batt Test "Module #nnn" Skipped	The next module to be tested is present but the battery test time for that module is set to "0"
Batt Test "Module #nnn" Started	The battery test for this module has started (where module is the type eg. Exp32 and #nnn is the module number eg. #001)
Batt Test "Module #nnn" Passed	The battery test was successfully completed
Batt Test "Module #nnn" Failed	The battery test for this module has failed. (e.g. No battery connected)
Batt Test "Module #nnn" Aborted	The test has been stopped for one of the following reasons: • A siren has activated on the module being tested • AC mains has failed on the module being tested • The LAN has failed on the module being tested • A Low Battery alarm has occurred on the module being tested

Message	Meaning
Brown out	• The Power Test menu was entered during a module battery test
No Structure	Supply voltage has dropped but A/C is present.
Alarms Reset	A function is being performed that is not in RAM.
Danger - Memory Fault	On Key Lockout function has been Reset.
Directory Error	A problem has been detected with the main memory
Fixed Directory	Directory checksum failed whilst running
Start Mem Test	Directory was fixed
End Mem Test	Memory Test Started
Dog Hungry	Memory Test complete. Changes since last Mem Test are logged to Review.
	Watchdog timer has not been serviced in time. System is busy.

System Messages. Resets.

System Reset	The Control Module has just been powered up. (Normal power-up Reset)
Review Reset	The review memory buffer has been cleared.
Directory Error	Directory checksum failed whilst running
Pin Default	PIN code used to default memory then reset panel
Menu Default.	Menu used to default memory then reset panel.
Brown-Out	Brownout caused reset
Power Up Reset	Normal power up reset
Watchdog Reset	Software has been restarted after error
User Reset	Panel reset via menu
Fixed Directory	Directory was fixed

User Access/Logon Messages

Cancelled	Access/Logon denied because User Type = 0
Time Violation	Access/Logon denied because of invalid TimeZone
Dual User Violation	Access/Logon denied because need a Dual Code entered prior
Area on	Access denied because Area about to be entered is on
No options	Menu denied because there are no options in this Menu Group
Free Access	Access granted because this Door is in free access mode
User type Problem	Access/Logon denied because the system has an internal problem
Need Card	PIN Access denied because a Card is needed at this time
Not Qualified	Access denied because User Qualifications do not match Door Qualification requirements.
Anti-Passback	Access denied because an anti-passback rule has been broken
No Door	Access denied because there is no door assigned to this terminal/reader
No List	Access denied because there is no Door List for this User Type
Door Not in List	Access denied because Door is not in User Type's Door List at this time
Locked out	Access denied because Installer code has been locked out
No Menu Group	Access denied via LCD Terminal because no Menu Group for this Terminal.
No Access Group	Access denied because no Access Group for this door
Need PIN	Card Access denied because a PIN number is required
Wrong Issue	Card Access denied because Card is wrong issue
Not Site User	Card Access denied because User is not a site code type Card
Door Held	The nominated door has been held open for a period of time in excess of that specified as the Max. door open time in Door programming.
Dual Provider	The specified card user is a dual user provider, enabling them to grant access to other users through doors which allow dual user access only.
Chg in #nnn	A change has been made to the nominated database structure (#nnn). See "Programmable database structures" at the end of this table for details.
Site Card Request	Panel has requested data from Insight for a Card not in Panel database. *
Site Card Accepted	Insight has returned data for a Card following a "Site Card Request". *
Site Card Rejected	Insight has not found data for a Card following a "Site Card Request". *
	* If "Request User" option enabled in Reader Module &/or IFDAM.

Message	Meaning
<u>System User Origins.</u>	
User 65521	Reset. ("System")
User 65522	TimeZone.
User 65523	Function Zone.
User 65524	IRfast / EarthNet Comms Task.
User 65525	Calculated Auxiliary
User 65526	GSM modem / Unidentified User (Home Auxiliary "Toggle from keypad") / "Any Card" card entry mode.
User 65527	ACCEPT Comms Task.
User 65528	DTMF control. (via Answer Call Comms Task)
User 65529	Timer. (Area Defer Timer)
User 65530	INSIGHT Comms Task.
<u>User Menu Usage</u>	
Menu names:	[User name] at [Menu name] menu
Review	User at MENU 1,1
Find User	User at MENU 1,2
User Code	User at MENU 2,1
User Type	User at MENU 2,2
Area List	User at MENU 2,3,1
Door List	User at MENU 2,3,2
Siren List	User at MENU 2,3,3
Floor List	User at MENU 2,3,4
Lift List	User at MENU 2,3,5
Aux List	User at MENU 2,3,6
Menu Group	User at MENU 2,4,1
Access Group	User at MENU 2,4,2
Process Group	User at MENU 2,4,3
Testing	User at MENU 4
Time/Date	User at MENU 5,1
Time Zone	User at MENU 5,2
Holiday	User at MENU 5,3
Diary	User at MENU 5,4
Aux Timer	User at MENU 5,5
Zone	User at MENU 7,0
Area	User at MENU 7,1
Module	User at MENU 7,2
Comms	User at MENU 7,3
General	User at MENU 7,5,1
Memory	User at MENU 7,5,2
Function	User at MENU 7,5,3
Calc. Aux	User at MENU 7,5,4
Home Auxes	User at MENU 7,5,5
Air Con.	User at MENU 7,5,6
Home Zones	User at MENU 7,5,7
Counters	User at MENU 7,5,8
CBus	User at MENU 7, 5, 9, 1 User at MENU 7,5,9 (Prior to V4.5)
Dynalite	User at MENU 7, 5, 9, 2
Door	User at MENU 7,6
LAN	User at MENU 7,8
Security	User at MENU 8,3
Aux Control	User at MENU 9,1
Door Control	User at MENU 9,2
Lift Control	User at MENU 9,4
Adj. Event Count	User at MENU 9,6
Adj. Area User Count	User at MENU 9,7

Programmable Database Structures.

See message "Chg in #nnn" in the User Access/Logon Messages.

ID	DESCRIPTION		
017	Diaries	114	LCD Terminal zone names
021	Automation Auxes (Cbus/Dynalite/HPM)	116	Exp32 zone names
025	Time zones	117	Reader Module zone names
026	Holidays	118	Wireless Network zone names
027	Function Zones	119	Exp8 zone names
028	Calculated auxes	120	Exp16 zone names
029	General	121	Intelligent 4-Dr Access Module zone names
030	DTMF controls	122	Analogue Module zone names
031	Area testing	124	LAN power supply zone names
032	Home zones	125	RF Expander zone names
056	Counters	129	Control Module inputs
057	PIN users	137	LCD Terminal inputs
061	Extra Door/Dlist for Cards	139	Exp32 inputs
062	Extra Door/Dlist for PINs	141	Reader Module inputs
064	Users expiry dates	142	Wireless Network module inputs
065	Areas	143	Exp8 inputs
066	Menu groups	144	Exp16 inputs
067	Process groups	145	Intelligent 4-Door Access Module inputs
068	Area client codes	146	Analogue Module inputs
069	Auxiliary lists	148	LAN power Supply inputs
070	Doors	149	RF Expander inputs
071	User types	161	LCD terminals
072	Access groups	163	Exp32 modules
073	Lift Cars	164	Reader modules
074	Home Auxiliaries	165	Wireless Network modules
075	Site codes	166	Mini expander modules
076	Area Counts	167	Exp16 modules
077	Interlocks	168	Intelligent 4-Door Access modules
078	Process group Auxiliaries	169	Analogue modules
079	Lift ancillary	171	LAN power Supply modules
080	Air conditioning units	172	RF Expander modules
081	PIN user names	185	Card only user 'Block A'
087	Holiday names	186	Card only user 'Block B'
088	Timezone names	187	Card only user 'Block C'
089	Area names	188	Card only user 'Block D'
090	Menu group names	189	Card only user 'Block E'
091	Process group names	190	Card only user 'Block F'
093	Auxiliary list names	193	Comms tasks
094	Door names	194	Telephone Numbers.
095	User type names	195	Process group CID messages
096	Access group names	196	Wireless registration inputs
097	Area list names	209 to 212	Siren lists
098	Door list names	217	LCD Terminal ancilliary structure
101	Telephone number names	218	User RF Fobs
102	Home auxiliary names	225 to 229	Area lists
111	Counter names	233	Floor lists
112	Home zone names	237	Lift car lists
113	Control Module zone names	241 to 246	Door lists

T03. Contact ID Messages

Common Messages (Event Codes)

Contact ID Event Codes for Zone Input and System Input alarms are defaulted according to the table below. If the default Event Code is not suitable, a more appropriate Contact ID Event Code message can be programmed in Process Group programming.

Leaving the message at "000" in the Process Group forces the default message to be used.

Note that the Contact ID Event Code programmed in the Process Group will apply to all Inputs that the Process Group is assigned to. If special Event Codes are required for different types of alarms, it is better to create a new Process Group rather than modify one of the default Process Groups.

See "Contact ID Event Types" following.

Input Event Codes

3000/Access 4000 Input	CID message if Process Grp CID message = "000"	CID message if Process Grp CID message is not " 000"
Zone Alarms	140	Use programmed value
Zone Tamperers	144	144
Zone Isolates	570	570
System Alarms	Use table below	Use programmed value
System Tamperers	Use table below	Use programmed value
System Isolates	572	572

Default System Input Event Codes

3000/Access 4000 System Input	Message	3000/Access 4000 System Input	Message
AC Power	301	Manual test	601
Battery Test	309	Module Substitution	140
Cabinet Tamper	145	Over-current	140
Checksum Change	306	Over-volts	140
Comms Backup	350	Panic (Keypad)	120
Comms Fail	354	Power on Reset	305
Deadman	102	Phone Line Fault	351
Dialer Problems	350	Pre-Arm Test Started	140
Dialer Fail	354	Pre-Arm Test Fail	140
Door Forced (Terminal)	420	Request for Service	140
Door Forced (Access Module)	140	Siren Tamperers	145
Door open too long (Terminal)	420	Slave Fail (LAN Pwr Supply)	140
Door open too long (Access Module)	140	Terminal Panic	120
Duress (Keypad)	122	Terminal Duress	122
Expander Power Test Started	140	Time report - Manual	601
Fuses	140	Time report - Periodic	602
GSM Problem	140	Too many Tries	421
Illegal/Invalid Card	140	Transmitter Jam	344
Intell. 4 Door Acc Mod Problem	140	Transmitter Low Battery (RF Expander)	381
Keypad Lockout	140	Transmitter Low Battery (S'net/Inov)	356
LAN Communications	143	Transmitter Poll Fail (RF Expander)	384
Line Fault	351	Transmitter Timeout (S'net/Inov)	353
Lock Tamper	145	UART Problem	330
Low Battery	302	Zone Self Test	307
Low Volts	302		

Open / Close Reports

The Contact ID message is used for Open/Close reporting as follows; CCCC 18 SXYZ GG PPP K where:

CCCC is the 4 digit **Client Code** that identifies the panel.
 18 is always the digits "18"
 S is the **Status**. Alarm (Closing) or Restore (Opening).
 XYZ is the **Event Code** (XYZ) for the type of event. *See tables below.*
 GG is the **Group Byte** which signifies the Area being opened/closed. *See tables below.*
 PPP is the **Point ID**. In Open/Close reports this refers to the user ID. *See tables below.*
 K is the checksum.

OPEN / CLOSE EVENT CODES AND USER POINT NUMBERS

Event Code		Point ID	User
#	Description		
402	Grp Open/Close by User	001 to 900	User 00001 to User 00900
454	Late to Close *		
408	24Hr (Tamper) turned off	999	Users > U00900
			System "User"
408	Quick-Arm User	900	DTMF Remote Control
403	Automatic O/C	901	System (e.g. Power on arming) or Area Defer Timer
403	Automatic O/C	902	TimeZone or Insight software
409	Keyswitch O/C	903	Function Zone
402	Grp Open/Close by User	904	Comms Task. e.g. IRfast / EarthNet
403	Automatic O/C	905	Calculated Auxiliary
400	Open/Close User	906	GSM Modem or Unidentified User (e.g. "Any Card" access mode)
400	Open/Close User	907	Accept software
		908 to 998	Spare for Expansion

* Note: Event Code for Late to Close was 440 from V1 to V4.86.

OPEN / CLOSE GROUP BYTE

Contact ID Group Byte	3000 / Access 4000 Area
00	General Open/Close
01 to 98	Area 001 to Area 098
99	Area 99 and above. (Areas 99 to 250)

CONTACTIDEVENTTYPES

Contact ID Event Types are 4 digits of the form SXYZ. The "S" determines if the event is a new alarm or opening (S = "1" or "E") or if the event is a restore or closing. (S = "3" or "R"). The remaining part of the event type (XYZ) tells us what type of event it is.

The current Contact ID standard can be purchased on-line for a minimal cost from SIA. <http://www.siaonline.org>.

Follow the link to "SIA Store" from the SIA home page and select "SIA DC-05 (1999.09) DCS Ademco Contact ID Standard."

Code Message**ALARMS**

Medical Alarms -100

100	Medical Zone
101	Personal Emergency Zone
102	Fail to report in Zone

Fire Alarms -110

110	Fire Zone
111	Smoke Zone
112	Combustion Zone
113	Water flow Zone
114	Heat Zone
115	Pull Station Zone
116	Duct Zone
117	Flame Zone
118	Near Alarm Zone

Panic Alarms -120

120	Panic Zone
121	Duress User
122	Silent Zone
123	Audible Zone
124	Duress - Access granted Zone
125	Duress - Egress granted Zone

Burglar Alarms -130

130	Burglary Zone
131	Perimeter Zone
132	Interior Zone
133	24 Hour (Safe) Zone
134	Entry/Exit Zone
135	Day/night Zone
136	Outdoor Zone
137	Tamper Zone
138	Near alarm Zone
139	Intrusion Verifier Zone

General Alarm - 140

140	General Alarm Zone
141	Polling loop open Zone
142	Polling loop short Zone
143	Expansion module failure Zone
144	Sensor tamper Zone
145	Expansion module tamper Zone
146	Silent Burglary Zone
147	Sensor Supervision Failure Zone

Code Message

24 Hour Non-Burglary - 150 and 160

150	24 Hour Non-Burglary Zone
151	Gas detected Zone
152	Refrigeration Zone
153	Loss of heat Zone
154	Water Leakage Zone
155	Foil Break Zone
156	Day Trouble Zone
157	Low bottled gas level Zone
158	High temp Zone
159	Low temp Zone
161	Loss of air flow Zone
162	Carbon Monoxide detected Zone
163	Tank level Zone

SUPERVISORY

Fire Supervisory - 200 and 210

200	Fire Supervisory Zone
201	Low water pressure Zone
202	Low CO2 Zone
203	Gate valve sensor Zone
204	Low water level Zone
205	Pump activated Zone
206	Pump failure Zone

TROUBLES

System Troubles -300 and 310

300	System Trouble Zone
301	AC Loss Zone
302	Low system battery Zone
303	RAM Checksum bad Zone
304	ROM checksum bad Zone
305	System reset Zone
306	Panel programming changed Zone
307	Self- test failure Zone
308	System shutdown Zone
309	Battery test failure Zone
310	Ground fault Zone
311	Battery Missing/Dead Zone
312	Power Supply Overcurrent Zone
313	Engineer Reset User

<u>Code</u>	<u>Message</u>	<u>Code</u>	<u>Message</u>
Sounder / Relay Troubles -320		Sensor Trouble -380	
320	Sounder/Relay Zone	380	Sensor trouble Zone
321	Bell 1 Zone	381	Loss of supervision - RF Zone
322	Bell 2 Zone	382	Loss of supervision - RPM Zone
323	Alarm relay Zone	383	Sensor tamper Zone
324	Trouble relay Zone	384	RF low battery Zone
325	Reversing relay Zone	385	Smoke detector Hi sensitivity Zone
326	Notification Appliance Ckt. # 3 Zone	386	Smoke detector Low sensitivity Zone
327	Notification Appliance Ckt. #4 Zone	387	Intrusion detector Hi sensitivity Zone
System Peripheral Trouble -330 and 340		388	Intrusion detector Low sensitivity Zone
330	System Peripheral trouble Zone	389	Sensor self-test failure Zone
331	Polling loop open Zone	391	Sensor Watch trouble Zone
332	Polling loop short Zone	392	Drift Compensation Error Zone
333	Expansion module failure Zone	393	Maintenance Alert Zone
334	Repeater failure Zone	OPEN/CLOSE/REMOTE ACCESS	
335	Local printer out of paper Zone	"Open/Close -400, 440,450"	
336	Local printer failure Zone	400	Open/Close User
337	Exp. Module DC Loss Zone	401	O/C by user User
338	Exp. Module Low Batt. Zone	402	Group O/C User
339	Exp. Module Reset Zone	403	Automatic O/C User
341	Exp. Module Tamper Zone	404	"Late to O/C (Note: use 453, 454 instead) User"
342	Exp. Module AC Loss Zone	405	Deferred O/C (Obsolete- do not use) User
343	Exp. Module self-test fail Zone	406	Cancel User
344	RF Receiver Jam Detect Zone	407	Remote arm/disarm User
Communication Troubles -350 and 360		408	Quick arm User
350	Communication trouble Zone	409	Keyswitch O/C User
351	Telco 1 fault Zone	441	Armed STAY User
352	Telco 2 fault Zone	442	Keyswitch Armed STAY User
353	Long Range Radio xmitter fault Zone	450	Exception O/C User
354	Failure to communicate event Zone	451	Early O/C User
355	Loss of Radio supervision Zone	452	Late O/C User
356	Loss of central polling Zone	453	Failed to Open User
357	Long Range Radio VSWR problem Zone	454	Failed to Close User
Protection Loop -370		455	Auto-arm Failed User
370	Protection loop Zone	456	Partial Arm User
371	Protection loop open Zone	457	Exit Error (user) User
372	Protection loop short Zone	458	User on Premises User
373	Fire trouble Zone	459	Recent Close User
374	Exit error alarm (zone) Zone	461	Wrong Code Entry Zone
375	Panic zone trouble Zone	462	Legal Code Entry User
376	Hold-up zone trouble Zone	463	Re-arm after Alarm User
377	Swinger Trouble Zone	464	Auto-arm Time Extended User
378	Cross-zone Trouble Zone	465	Panic Alarm Reset Zone
		466	Service On/Off Premises User

***NOTE:** For Open/Close Event Types:
 "Alarm" = CLOSING
 "Restore" = OPENING

Code Message

Remote Access -410

411 Callback request made User
 412 Successful download/access User
 413 Unsuccessful access User
 414 System shutdown command received User
 415 Dialer shutdown command received User
 416 Successful Upload Zone

"Access control -420,430"

421 Access denied User
 422 Access report by user User
 423 Forced Access Zone
 424 Egress Denied User
 425 Egress Granted User
 426 Access Door propped open Zone
 427 Access point Door Status Monitor trouble Zone
 428 Access point Request To Exit trouble Zone
 429 Access program mode entry User
 430 Access program mode exit User
 431 Access threat level change User
 432 Access relay/trigger fail Zone
 433 Access RTE shunt Zone
 434 Access DSM shunt Zone

BYPASSES/DISABLES

System Disables -500 and 510

501 Access reader disable Zone

Sounder / Relay Disables -520

520 Sounder/Relay Disable Zone
 521 Bell 1 disable Zone
 522 Bell 2 disable Zone
 523 Alarm relay disable Zone
 524 Trouble relay disable Zone
 525 Reversing relay disable Zone
 526 Notification Appliance Ckt. # 3 disable Zone
 527 Notification Appliance Ckt. # 4 disable Zone

System Peripheral Disables -530 and 540

531 Module Added Zone
 532 Module Removed Zone

Communication Disables -550 and 560

551 Dialer disabled Zone
 552 Radio transmitter disabled Zone
 553 Remote Upload/Download disabled Zone

Bypasses -570

570 Zone/Sensor bypass Zone
 571 Fire bypass Zone
 572 24 Hour zone bypass Zone
 573 Burg. Bypass Zone
 574 Group bypass User
 575 Swinger bypass Zone
 576 Access zone shunt Zone
 577 Access point bypass Zone

Code Message**TEST/MISC.**

"Test/Misc. -600, 610"

601 Manual trigger test report Zone
 602 Periodic test report Zone
 603 Periodic RF transmission Zone
 604 Fire test User
 605 Status report to follow Zone
 606 Listen- in to follow Zone
 607 Walk test mode User
 608 Periodic test - System Trouble Present Zone
 609 Video Xmitter active Zone
 611 Point tested OK Zone
 612 Point not tested Zone
 613 Intrusion Zone Walk Tested Zone
 614 Fire Zone Walk Tested Zone
 615 Panic Zone Walk Tested Zone
 616 Service Request Zone

Event Log -620

621 Event Log reset Zone
 622 Event Log 50% full Zone
 623 Event Log 90% full Zone
 624 Event Log overflow Zone
 625 Time/Date reset User
 626 Time/Date inaccurate Zone
 627 Program mode entry Zone
 628 Program mode exit Zone
 629 32 Hour Event log marker Zone

Scheduling -630

630 Schedule change Zone
 631 Exception schedule change Zone
 632 Access schedule change Zone

Personnel Monitoring -640

641 Senior Watch Trouble Zone
 642 Latch-key Supervision User

Misc. -650

654 System Inactivity Zone

NOTES

3000 / ACCESS 4000 V7.1

T04. Contact ID Standard Mapping Tables

Account No.	Event Code	Area No.	Point	Description	Panel Input
				OPEN / CLOSE REPORTING	
				Refer to Table T03. Contact ID Messages. Open/Close Reports.	
				INPUT REPORTING	
	140	nn	001	Controller zone 1	C01:Z01
	140	nn	002	Controller zone 2	C01:Z02
			to	to	"
	140	nn	016	Controller zone 16	C01:Z16
	145	nn	017	Controller cabinet tamper	C01:S01
	145	nn	018	Controller internal siren tamper	C01:S02
	145	nn	019	Controller external siren tamper	C01:S03
	301	nn	020	Controller AC fail	C01:S04
	302	nn	021	Controller Low Battery	C01:S05
	140	nn	022	Controller Lan fuse tamper	C01:S06
	140	nn	023	Controller Detector fuse tamper	C01:S07
	143	nn	024	Controller Lan comms	C01:S08
	309	nn	025	Controller Battery test fail	C01:S09
	306	nn	026	Controller Checksum alteration	C01:S10
	305	nn	027	Controller system power on reset	C01:S11
	351	nn	028	Controller Phone line fault	C01:S12
	330	nn	029	Uart 1 fault	C01:S13
	330	nn	030	Uart 2 fault	C01:S14
	330	nn	031	Uart 3 fault	C01:S15
	330	nn	032	Uart 4 fault	C01:S16
	307	nn	033	Controller Self test fail	C01:S17
	602	nn	034	Controller Time report	C01:S18
	601	nn	035	Controller manual test report	C01:S19
	350	nn	036	Controller Comms backup	C01:S20
	354	nn	037	Controller Comms fail	C01:S21
	351	nn	038	Controller Phone	C01:S22
	140	nn	039	Controller Module substitution	C01:S23
	140	nn	040	Controller Pre-arm 1 Test Start	C01:S24
	140	nn	041	Controller Pre-arm 1 Test Fail	C01:S25
	140	nn	042	Controller Pre-arm 2 Test Start	C01:S26
	140	nn	043	Controller Pre-arm 2 Test Fail	C01:S27
	140	nn	044	Controller Request for Service	C01:S28
	140	nn	045	Controller Intelligent Reader problem	C01:S29
	140	nn	046	Controller GSM problem	C01:S30
	140	nn	047	Controller Expander Power Test	C01:S31
	140	nn	048	Controller Spare	C01:S32
	140	nn	101	LCD Terminal 1 Zone 1	T01:Z01
	140	nn	102	LCD Terminal 1 Zone 2	T01:Z02
	145	nn	103	LCD Terminal 1 Cabinet tamper	T01:S01
	120	nn	104	LCD Terminal 1 Panic	T01:S02
	420	nn	105	LCD Terminal 1 Door forced	T01:S03
	420	nn	106	LCD Terminal 1 Door open too long	T01:S04
	122	nn	107	LCD Terminal 1 Operator duress	T01:S05
	102	nn	108	LCD Terminal 1 Deadman	T01:S06
	140	nn	109	LCD Terminal 1 Too many tries	T01:S07
	143	nn	110	LCD Terminal 1 Lan comms status	T01:S08
				V	
	140	nn	201	LCD Terminal 2 Zone 1	T02:Z01
			etc.	V	
				From LCD Terminal Number 1 to 9	
				V	

Account No.	Event Code	Area No.	Point	Description	Panel Input
	140	nn	901	LCD Terminal 9 Zone 1	T09:Z01
	140	nn	902	LCD Terminal 9 Zone 2	T09:Z02
	145	nn	903	LCD Terminal 9 Cabinet tamper	T09:S01
	120	nn	904	LCD Terminal 9 Panic	T09:S02
	420	nn	905	LCD Terminal 9 Door forced	T09:S03
	420	nn	906	LCD Terminal 9 Door open too long	T09:S04
	122	nn	907	LCD Terminal 9 Operator duress	T09:S05
	102	nn	908	LCD Terminal 9 Deadman	T09:S06
	421	nn	909	LCD Terminal 9 Too many tries	T09:S07
	143	nn	910	LCD Terminal 9 Lan comms status	T09:S08
	145	nn	111	Touchscrn Term 1 Cabinet tamper	K01:S01
	120	nn	112	Touchscrn Term 1 Panic	K01:S02
	420	nn	113	Touchscrn Term 1 Door forced	K01:S03
	420	nn	114	Touchscrn Term 1 Door open too long	K01:S04
	122	nn	115	Touchscrn Term 1 Operator duress	K01:S05
	102	nn	116	Touchscrn Term 1 Deadman	K01:S06
	140	nn	117	Touchscrn Term 1 Too many tries	K01:S07
	143	nn	118	Touchscrn Term 1 Lan comms status	K01:S08
	145	nn	211	Touchscrn Term 2 Cabinet tamper	K02:S01
			etc.	V	
				From Touchscrn Term Number 1 to 9	
				V	
	145	nn	911	Touchscrn Term 9 Cabinet tamper	K09:S01
	120	nn	912	Touchscrn Term 9 Panic	K09:S02
	420	nn	913	Touchscrn Term 9 Door forced	K09:S03
	420	nn	914	Touchscrn Term 9 Door open too long	K09:S04
	122	nn	915	Touchscrn Term 9 Operator duress	K09:S05
	102	nn	916	Touchscrn Term 9 Deadman	K09:S06
	421	nn	917	Touchscrn Term 9 Too many tries	K09:S07
	143	nn	918	Touchscrn Term 9 Lan comms status	K09:S08
	140	nn	121	Big Expander 1 Zone 1	B01:Z01
	140	nn	122	Big Expander 1 Zone 2	B01:Z02
			to	to	to
	140	nn	152	Big Expander 1 Zone 32	B01:Z32
	145	nn	153	Big Expander 1 cabinet tamper	B01:S01
	145	nn	154	Big Expander 1 internal siren tamper	B01:S02
	145	nn	155	Big Expander 1 external siren tamper	B01:S03
	301	nn	156	Big Expander 1 AC fail	B01:S04
	302	nn	157	Big Expander 1 Battery Low	B01:S05
	140	nn	158	Big Expander 1 Lan fuse tamper	B01:S06
	140	nn	159	Big Expander 1 Detector fuse tamper	B01:S07
	143	nn	160	Big Expander 1 Lan comms status	B01:S08
	309	nn	161	Big Expander 1 Battery test fail	B01:S09
	306	nn	162	Big Expander 1 spare	B01:S10
				V	
	140	nn	221	Big Expander 2 Zone 1	B02:Z01
			etc.	V	
				From Big Expander 1 to 9	
				V	
	140	nn	921	Big Expander 9 Zone 1	B09:Z01
	140	nn	922	Big Expander 9 Zone 2	B09:Z02
			to	to	to
	140	nn	952	Big Expander 9 Zone 32	B09:Z32
	145	nn	953	Big Expander 9 cabinet tamper	B09:S01

Account No.	Event Code	Area No.	Point	Description	Panel Input
	145	nn	954	Big Expander 9 internal siren tampers	B09:S02
	145	nn	955	Big Expander 9 external siren tampers	B09:S03
	301	nn	956	Big Expander 9 AC fail	B09:S04
	302	nn	957	Big Expander 9 Battery Low	B09:S05
	140	nn	958	Big Expander 9 Lan fuse tamper	B09:S06
	140	nn	959	Big Expander 9 Detector fuse tamper	B09:S07
	143	nn	960	Big Expander 9 Lan comms status	B09:S08
	309	nn	961	Big Expander 9 Battery test fail	B09:S09
	306	nn	962	Big Expander 9 spare	B09:S10
	140	nn	121	Expander 1 Zone 1	E01:Z01
	140	nn	122	Expander 1 Zone 2	E01:Z02
			to	to	to
	140	nn	136	Expander 1 Zone 16	E01:Z16
	145	nn	137	Expander 1 cabinet tamper	E01:S01
	145	nn	138	Expander 1 internal siren tampers	E01:S02
	145	nn	139	Expander 1 external siren tampers	E01:S03
	301	nn	140	Expander 1 AC fail	E01:S04
	302	nn	141	Expander 1 Battery Low	E01:S05
	140	nn	142	Expander 1 Lan fuse tamper	E01:S06
	140	nn	143	Expander 1 Detector fuse tamper	E01:S07
	143	nn	144	Expander 1 Lan comms status	E01:S08
	309	nn	145	Expander 1 Battery test fail	E01:S09
	306	nn	146	Expander 1 spare	E01:S10
				V	
	140	nn	221	Expander 2 Zone 1	E02:Z01
			etc.	V	
				From Zone Expander 1 to 9	
				V	
	140	nn	921	Expander 9 Zone 1	E09:Z01
	140	nn	922	Expander 9 Zone 2	E09:Z02
			to	to	to
	140	nn	936	Expander 9 Zone 16	E09:Z32
	145	nn	937	Expander 9 cabinet tamper	E09:S01
	145	nn	938	Expander 9 internal siren tampers	E09:S02
	145	nn	939	Expander 9 external siren tampers	E09:S03
	301	nn	940	Expander 9 AC fail	E09:S04
	302	nn	941	Expander 9 Battery Low	E09:S05
	140	nn	942	Expander 9 Lan fuse tamper	E09:S06
	140	nn	943	Expander 9 Detector fuse tamper	E09:S07
	143	nn	944	Expander 9 Lan comms status	E09:S08
	309	nn	945	Expander 9 Battery test fail	E09:S09
	306	nn	946	Expander 9 spare	E09:S10
	140	nn	121	Mini Expander 1 Zone 1	M01:Z01
	140	nn	122	Mini Expander 1 Zone 2	M01:Z02
			to	to	to
	140	nn	128	Mini Expander 1 Zone 8	M01:Z08
	302	nn	129	Mini Expander 1 Low Battery	M01:S01
	140	nn	130	Mini Expander 1 Zn1 Extra	M01:S02
	140	nn	131	Mini Expander 1 Zn2 Extra	M01:S03
	140	nn	132	Mini Expander 1 Zn3 Extra	M01:S04
	140	nn	133	Mini Expander 1 Zn4 Extra	M01:S05
	140	nn	134	Mini Expander 1 Zn5 Extra	M01:S06
	140	nn	135	Mini Expander 1 Zn6 Extra	M01:S07
	140	nn	136	Mini Expander 1 Zn7 Extra	M01:S08
	143	nn	137	Mini Expander 1 LAN Comms	M01:S09

Account No.	Event Code	Area No.	Point	Description	Panel Input
				V	
	140	nn	221	Mini Expander 2 Zone 1	M02:Z01
			etc.	V	
				From Mini Expander 1 to 9	
				V	
	140	nn	921	Mini Expander 9 Zone 1	M09:Z01
	140	nn	922	Mini Expander 9 Zone 2	M09:Z02
			to	to	to
	140	nn	928	Mini Expander 9 Zone 8	M09:Z08
	302	nn	929	Mini Expander 9 Low Battery	M09:S01
	140	nn	930	Mini Expander 9 Zn1 Extra	M09:S02
	140	nn	931	Mini Expander 9 Zn2 Extra	M09:S03
	140	nn	932	Mini Expander 9 Zn3 Extra	M09:S04
	140	nn	933	Mini Expander 9 Zn4 Extra	M09:S05
	140	nn	934	Mini Expander 9 Zn5 Extra	M09:S06
	140	nn	935	Mini Expander 9 Zn6 Extra	M09:S07
	140	nn	936	Mini Expander 9 Zn7 Extra	M09:S08
	143	nn	937	Mini Expander 9 LAN Comms	M09:S09
	140	nn	163	Reader Module 1 Zone 1 Door 1	R01:Z01
	140	nn	164	Reader Module 1 Zone 2 REX button	R01:Z02
	140	nn	165	Reader Module 1 Zone 3 REN button	R01:Z03
	140	nn	166	Reader Module 1 Zone 4 spare	R01:Z04
	140	nn	167	Reader Module 1 Zone 5	R01:Z05
	140	nn	168	Reader Module 1 Zone 6	R01:Z06
	140	nn	169	Reader Module 1 Zone 7	R01:Z07
	140	nn	170	Reader Module 1 Zone 8	R01:Z08
	145	nn	171	Reader Module 1 Cabinet tamper	R01:S01
	302	nn	172	Reader Module 1 Low voltage	R01:S02
	140	nn	173	Reader Module 1 Door 1 forced	R01:S03
	140	nn	174	Reader Module 1 Door 1 open too long	R01:S04
	140	nn	175	Reader Module 1 Door 2 forced	R01:S05
	140	nn	176	Reader Module 1 Door 2 open too long	R01:S06
	140	nn	177	Reader Module 1 Illegal card either	R01:S07
	143	nn	178	Reader Module 1 Lan comms status	R01:S08
				V	
	140	nn	263	Reader Module 2 Zone 1 Door 1	R02:Z01
			etc.	V	
				From Reader module 1 to 9	
				V	
	140	nn	963	Reader Module 9 Zone 1 Door 1	R09:Z01
	140	nn	964	Reader Module 9 Zone 2 REX button	R09:Z02
	140	nn	965	Reader Module 9 Zone 3 REN button	R09:Z03
	140	nn	966	Reader Module 9 Zone 4 spare	R09:Z04
	140	nn	967	Reader Module 9 Zone 5	R09:Z05
	140	nn	968	Reader Module 9 Zone 6	R09:Z06
	140	nn	969	Reader Module 9 Zone 7	R09:Z07
	140	nn	970	Reader Module 9 Zone 8	R09:Z08
	145	nn	971	Reader Module 9 Cabinet tamper	R09:S01
	302	nn	972	Reader Module 9 Low voltage	R09:S02
	140	nn	973	Reader Module 9 Door 1 forced	R09:S03
	140	nn	974	Reader Module 9 Door 1 open too long	R09:S04
	140	nn	975	Reader Module 9 Door 2 forced	R09:S05
	140	nn	976	Reader Module 9 Door 2 open too long	R09:S06
	140	nn	977	Reader Module 9 Illegal card either	R09:S07
	143	nn	978	Reader Module 9 Lan comms status	R09:S08

Account No.	Event Code	Area No.	Point	Description	Panel Input
	140	nn	179	SpreadNet 1 Zone 1	N01:Z01
	140	nn	180	SpreadNet 1 Zone 2	N01:Z02
			to	to	to
	140	nn	194	SpreadNet 1 Zone 16	N01:Z16
	353	nn	195	SpreadNet 1 Timeout	N01:S01
	356	nn	196	SpreadNet 1 Low Battery	N01:S02
	140	nn	197	SpreadNet 1 Spare	N01:S03
	140	nn	198	SpreadNet 1 Spare	N01:S04
				V	
	140	nn	279	SpreadNet 2 Zone 1	N02:Z01
			etc.	V	
				From SpreadNet Module 1 to 9	
				V	
	140	nn	979	SpreadNet 9 Zone 1	N09:Z01
	140	nn	980	SpreadNet 9 Zone 2	N09:Z02
			to	to	to
	140	nn	994	SpreadNet 9 Zone 16	N09:Z16
	353	nn	995	SpreadNet 9 Timeout	N09:S01
	356	nn	996	SpreadNet 9 Low Battery	N09:S02
	140	nn	997	SpreadNet 9 Spare	N09:S03
	140	nn	998	SpreadNet 9 Spare	N09:S04
	140	nn	121	Intell 4 Dr Access Mod Zone 1	I01:Z01
	140	nn	122	Intell 4 Dr Access Mod Zone 2	I01:Z02
				to	
	140	nn	136	Intell 4 Dr Acc Mod Zone 16	I01:Z16
	145	nn	137	Intell 4 Dr Acc Mod Lock Tamper D1	I01:S01
	145	nn	138	Intell 4 Dr Acc Mod Lock Tamper D2	I01:S02
	145	nn	139	Intell 4 Dr Acc Mod Lock Tamper D3	I01:S03
	145	nn	140	Intell 4 Dr Acc Mod Lock Tamper D4	I01:S04
	140	nn	141	Intell 4 Dr Acc Mod Door Forced D1	I01:S05
	140	nn	142	Intell 4 Dr Acc Mod Door Forced D2	I01:S06
	140	nn	143	Intell 4 Dr Acc Mod Door Forced D3	I01:S07
	140	nn	144	Intell 4 Dr Acc Mod Door Forced D4	I01:S08
	140	nn	145	Intell 4 Dr Acc Mod DOTL Door 1	I01:S09
	140	nn	146	Intell 4 Dr Acc Mod DOTL Door 2	I01:S10
	140	nn	147	Intell 4 Dr Acc Mod DOTL Door 3	I01:S11
	140	nn	148	Intell 4 Dr Acc Mod DOTL Door 4	I01:S12
	140	nn	149	Intell 4 Dr Acc Mod Invalid Card Door 1	I01:S13
	140	nn	150	Intell 4 Dr Acc Mod Invalid Card Door 2	I01:S14
	140	nn	151	Intell 4 Dr Acc Mod Invalid Card Door 3	I01:S15
	140	nn	152	Intell 4 Dr Acc Mod Invalid Card Door 4	I01:S16
	145	nn	153	Intell 4 Dr Acc Mod Cabinet Tamper	I01:S17
	140	nn	154	Intell 4 Dr Acc Mod Gen Lock Fault	I01:S18
	309	nn	155	Intell 4 Dr Acc Mod Battery Test Fail	I01:S19
	301	nn	156	Intell 4 Dr Acc Mod AC Fail	I01:S20
	302	nn	157	Intell 4 Dr Acc Mod Low Battery	I01:S21
	140	nn	158	Intell 4 Dr Acc Mod LAN Fuse	I01:S22
	140	nn	159	Intell 4 Dr Acc Mod Detector Fuse	I01:S23
	143	nn	160	Intell 4 Dr Acc Mod LAN Comms Fail	I01:S24
				V	
	140	nn	221	Intell 4 Dr Access Mod Zone 1	I02:Z01
			etc.	V	
				From Intell 4Dr Acc Module 1 to 9	
				V	
	140	nn	921	Intell 4 Dr Access Mod Zone 1	I09:Z01
	140	nn	922	Intell 4 Dr Access Mod Zone 2	I09:Z02

Account No.	Event Code	Area No.	Point	Description	Panel Input
				to	
	140	nn	936	Intell 4 Dr Acc Mod Zone 16	I09:Z16
	145	nn	937	Intell 4 Dr Acc Mod Lock Tamper D1	I09:S01
	145	nn	938	Intell 4 Dr Acc Mod Lock Tamper D2	I09:S02
	145	nn	939	Intell 4 Dr Acc Mod Lock Tamper D3	I09:S03
	145	nn	940	Intell 4 Dr Acc Mod Lock Tamper D4	I09:S04
	140	nn	941	Intell 4 Dr Acc Mod Door Forced D1	I09:S05
	140	nn	942	Intell 4 Dr Acc Mod Door Forced D2	I09:S06
	140	nn	943	Intell 4 Dr Acc Mod Door Forced D3	I09:S07
	140	nn	944	Intell 4 Dr Acc Mod Door Forced D4	I09:S08
	140	nn	945	Intell 4 Dr Acc Mod DOTL Door 1	I09:S09
	140	nn	946	Intell 4 Dr Acc Mod DOTL Door 2	I09:S10
	140	nn	947	Intell 4 Dr Acc Mod DOTL Door 3	I09:S11
	140	nn	948	Intell 4 Dr Acc Mod DOTL Door 4	I09:S12
	140	nn	949	Intell 4 Dr Acc Mod Invalid Card Door 1	I09:S13
	140	nn	950	Intell 4 Dr Acc Mod Invalid Card Door 2	I09:S14
	140	nn	951	Intell 4 Dr Acc Mod Invalid Card Door 3	I09:S15
	140	nn	952	Intell 4 Dr Acc Mod Invalid Card Door 4	I09:S16
	145	nn	953	Intell 4 Dr Acc Mod Cabinet Tamper	I09:S17
	140	nn	954	Intell 4 Dr Acc Mod Gen Lock Fault	I09:S18
	309	nn	955	Intell 4 Dr Acc Mod Battery Test Fail	I09:S19
	301	nn	956	Intell 4 Dr Acc Mod AC Fail	I09:S20
	302	nn	957	Intell 4 Dr Acc Mod Low Battery	I09:S21
	140	nn	958	Intell 4 Dr Acc Mod LAN Fuse	I09:S22
	140	nn	959	Intell 4 Dr Acc Mod Detector Fuse	I09:S23
	143	nn	960	Intell 4 Dr Acc Mod LAN Comms Fail	I09:S24
	140	nn	99	All Analogue Module Zone Inputs	Qnn:Znn
	145	nn	99	All Analogue Module Cabinet Tamper	Qnn:S01
	302	nn	99	All Analogue Module Low Volts	Qnn:S02
	143	nn	99	All Analogue Module LAN Comms	Qnn:S03
	140	nn	99	All LAN Pwr Supp Module Zone Inputs	Pnn:Znn
	145	nn	99	All LAN PS Module Cabinet Tamper	Pnn:S01
	301	nn	99	All LAN PS Module AC Fail	Pnn:S02
	302	nn	99	All LAN PS Module Low Batt	Pnn:S03
	140	nn	99	All LAN PS Module Batt Fail	Pnn:S04
	140	nn	99	All LAN PS Module Detector Fuse	Pnn:S05
	140	nn	99	All LAN PS Module LAN Fuse	Pnn:S06
	140	nn	99	All LAN PS Module Batt Fuse	Pnn:S07
	140	nn	99	All LAN PS Module Aux 2 Fuse	Pnn:S08
	145	nn	99	All LAN PS Module Aux 2 Tamper	Pnn:S09
	140	nn	99	All LAN PS Module Det Over-current	Pnn:S10
	140	nn	99	All LAN PS Module Batt Over-current	Pnn:S11
	140	nn	99	All LAN PS Module Over Volts	Pnn:S12
	140	nn	99	All LAN PS Module Low Volts	Pnn:S13
	330	nn	99	All LAN PS Module Slave Fail	Pnn:S14
	309	nn	99	All LAN PS Module Batt Test Fail	Pnn:S15
	143	nn	99	All LAN PS Module LAN Comms	Pnn:S16
	140	nn	179	RF Expander Module Zone 1	F01:Z01
	140	nn	180	RF Expander Module Zone 2	F01:Z02
			to	to	to
	140	nn	194	RF Expander Module Zone 16	F01:Z16
	140	nn	99	RF Expander Module Zone 17 to 32	F01:Znn
	145	nn	195	RF Exp Module Cabinet Tamper	F01:S01
	302	nn	196	RF Exp Module Low Volts	F01:S02

Account No.	Event Code	Area No.	Point	Description	Panel Input
	384	nn	197	RF Exp Module Tx Low Batt	F01:S03
	381	nn	198	RF Exp Module Tx Poll Fail	F01:S04
	344	nn	199	RF Exp Module Tx Jam	F01:S05
	143	nn	200	RF Exp Module LAN Comms	F01:S06
				V	
	140	nn	279	RF Expander Module Zone 1	F02:Z01
			etc.	V	
				From RF Exp Module 1 to 9	
				V	
	140	nn	979	RF Expander Module Zone 1	F09:Z01
	140	nn	980	RF Expander Module Zone 2	F09:Z02
			to	to	to
	140	nn	994	RF Expander Module Zone 16	F09:Z16
	140	nn	99	RF Expander Module Zone 17 to 32	F09:Znn
	145	nn	995	RF Exp Module Cabinet Tamper	F09:S01
	302	nn	996	RF Exp Module Low Volts	F09:S02
	384	nn	997	RF Exp Module Tx Low Batt	F09:S03
	381	nn	998	RF Exp Module Tx Poll Fail	F09:S04
	344	nn	999	RF Exp Module Tx Jam	F09:S05
	143	nn		RF Exp Module LAN Comms	F09:S06

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T05. Contact ID Map-1 Mapping Tables

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Account No.	Event Code	Area No.	POINT	Description	Panel Input
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OPEN / CLOSE REPORTING

Refer to Table T03. Contact ID Messages. Open/Close Reports.

INPUT REPORTING

140	nn	001	Controller zone 1	C01:Z01
140	nn	002	Controller zone 2	C01:Z02
		to	to	"
140	nn	016	Controller zone 16	C01:Z16
145	nn	017	Controller cabinet tamper	C01:S01
145	nn	018	Controller internal siren tamper	C01:S02
145	nn	019	Controller external siren tamper	C01:S03
301	nn	020	Controller AC fail	C01:S04
302	nn	021	Controller Low Battery	C01:S05
140	nn	022	Controller Lan fuse tamper	C01:S06
140	nn	023	Controller Detector fuse tamper	C01:S07
143	nn	024	Controller Lan comms	C01:S08
309	nn	025	Controller Battery test fail	C01:S09
306	nn	026	Controller Checksum alteration	C01:S10
305	nn	027	Controller system power on reset	C01:S11
351	nn	028	Controller Phone line fault	C01:S12
330	nn	029	Uart 1 fault	C01:S13
330	nn	030	Uart 2 fault	C01:S14
330	nn	031	Uart 3 fault	C01:S15
330	nn	032	Uart 4 fault	C01:S16
307	nn	033	Controller Self test fail	C01:S17
602	nn	034	Controller Time report	C01:S18
601	nn	035	Controller manual test report	C01:S19
350	nn	036	Controller Comms backup	C01:S20
354	nn	037	Controller Comms fail	C01:S21
351	nn	038	Controller Phone	C01:S22
140	nn	039	Controller Module substitution	C01:S23
140	nn	040	Controller Pre-arm 1 Test Start	C01:S24
140	nn	041	Controller Pre-arm 1 Test Fail	C01:S25
140	nn	042	Controller Pre-arm 2 Test Start	C01:S26
140	nn	043	Controller Pre-arm 2 Test Fail	C01:S27
140	nn	044	Controller Request for Service	C01:S28
140	nn	045	Controller Intelligent Reader problem	C01:S29
140	nn	046	Controller GSM problem	C01:S30
140	nn	047	Controller Expander Power Test	C01:S31
140	nn	048	Controller Spare	C01:S32

nn 99 Unmappable event

140	nn	101	LCD Terminal 1 Zone 1	T01:Z01
140	nn	102	LCD Terminal 1 Zone 2	T01:Z02
145	nn	103	LCD Terminal 1 Cabinet tamper	T01:S01
120	nn	104	LCD Terminal 1 Panic	T01:S02
420	nn	105	LCD Terminal 1 Door forced	T01:S03
420	nn	106	LCD Terminal 1 Door Held	T01:S04
122	nn	107	LCD Terminal 1 Operator duress	T01:S05
102	nn	108	LCD Terminal 1 Deadman	T01:S06
421	nn	109	LCD Terminal 1 Too many tries	T01:S07
143	nn	110	LCD Terminal 1 Lan comms status	T01:S08

V

Account No.	Event Code	Area No.	POINT	Description	Panel Input
	140	nn	201 etc.	LCD Terminal 2 Zone 1 V From LCD Terminal Number 1 to 9 V	T02:Z01
	140	nn	901	LCD Terminal 9 Zone 1	T09:Z01
	140	nn	902	LCD Terminal 9 Zone 2	T09:Z02
	145	nn	903	LCD Terminal 9 Cabinet tamper	T09:S01
	120	nn	904	LCD Terminal 9 Panic	T09:S02
	420	nn	905	LCD Terminal 9 Door forced	T09:S03
	420	nn	906	LCD Terminal 9 Door Held	T09:S04
	122	nn	907	LCD Terminal 9 Operator duress	T09:S05
	102	nn	908	LCD Terminal 9 Deadman	T09:S06
	421	nn	909	LCD Terminal 9 Too many tries	T09:S07
	143	nn	910	LCD Terminal 9 Lan comms status	T09:S08
	145	nn	101	Touchscrn Term 1 Cabinet tamper	K01:S01
	120	nn	102	Touchscrn Term 1 Panic	K01:S02
	420	nn	103	Touchscrn Term 1 Door forced	K01:S03
	420	nn	104	Touchscrn Term 1 Door open too long	K01:S04
	122	nn	105	Touchscrn Term 1 Operator duress	K01:S05
	102	nn	106	Touchscrn Term 1 Deadman	K01:S06
	140	nn	107	Touchscrn Term 1 Too many tries	K01:S07
	143	nn	108	Touchscrn Term 1 Lan comms status V	K01:S08
	145	nn	201 etc.	Touchscrn Term 2 Cabinet tamper V From Touchscrn Term Number 1 to 9 V	K02:S01
	145	nn	901	Touchscrn Term 9 Cabinet tamper	K09:S01
	120	nn	902	Touchscrn Term 9 Panic	K09:S02
	420	nn	903	Touchscrn Term 9 Door forced	K09:S03
	420	nn	904	Touchscrn Term 9 Door open too long	K09:S04
	122	nn	905	Touchscrn Term 9 Operator duress	K09:S05
	102	nn	906	Touchscrn Term 9 Deadman	K09:S06
	421	nn	907	Touchscrn Term 9 Too many tries	K09:S07
	143	nn	908	Touchscrn Term 9 Lan comms status	K09:S08
	140	nn	111	Big Expander 1 Zone 1	B01:Z01
	140	nn	112	Big Expander 1 Zone 2	B01:Z02
			to	to	to
	140	nn	126	Big Expander 1 Zone 16	B01:Z16
	140	nn	99	Big Expander 1 Zone 17	B01:Z17
			to	to	to
	140	nn	99	Big Expander 1 Zone 32	B01:Z32
	145	nn	127	Big Expander 1 cabinet tamper	B01:S01
	145	nn	128	Big Expander 1 internal siren tamper	B01:S02
	145	nn	129	Big Expander 1 external siren tamper	B01:S03
	301	nn	130	Big Expander 1 AC fail	B01:S04
	302	nn	131	Big Expander 1 Battery Low	B01:S05
	140	nn	132	Big Expander 1 Lan fuse tamper	B01:S06
	140	nn	133	Big Expander 1 Detector fuse tamper	B01:S07
	143	nn	134	Big Expander 1 Lan comms status	B01:S08
	309	nn	135	Big Expander 1 Battery test fail	B01:S09
	306	nn	136	Big Expander 1 spare V	B01:S10

Account No.	Event Code	Area No.	POINT	Description	Panel Input
	140	nn	211 etc.	Big Expander 2 Zone 1 V From Big Expander 1 to 9 V	B02:Z01
	140	nn	911	Big Expander 9 Zone 1	B02:Z01
	140	nn	912	Big Expander 9 Zone 2	B02:Z02
			to	to	to
	140	nn	926	Big Expander 9 Zone 16	B02:Z16
	140	nn	99	Big Expander 9 Zone 17	B02:Z17
			to	to	to
	140	nn	99	Big Expander 9 Zone 32	B02:Z32
	145	nn	927	Big Expander 9 cabinet tamper	B02:S01
	145	nn	928	Big Expander 9 internal siren tamper	B02:S02
	145	nn	929	Big Expander 9 external siren tamper	B02:S03
	301	nn	930	Big Expander 9 AC fail	B02:S04
	302	nn	931	Big Expander 9 Battery Low	B02:S05
	140	nn	932	Big Expander 9 Lan fuse tamper	B02:S06
	140	nn	933	Big Expander 9 Detector fuse tamper	B02:S07
	143	nn	934	Big Expander 9 Lan comms status	B02:S08
	309	nn	935	Big Expander 9 Battery test fail	B02:S09
	306	nn	936	Big Expander 9 spare V	B02:S10
	140	nn	137	Big Expander 10 Zone 1	B10:Z01
	140	nn	138	Big Expander 10 Zone 2	B10:Z02
			to	to	to
	140	nn	152	Big Expander 10 Zone 16	B10:Z16
	140	nn	99	Big Expander 10 Zone 17	B10:Z17
			to	to	to
	140	nn	99	Big Expander 10 Zone 32	B10:Z32
	145	nn	153	Big Expander 10 cabinet tamper	B10:S01
	145	nn	154	Big Expander 10 internal siren tamper	B10:S02
	145	nn	155	Big Expander 10 external siren tamper	B10:S03
	301	nn	156	Big Expander 10 AC fail	B10:S04
	302	nn	157	Big Expander 10 Battery Low	B10:S05
	140	nn	158	Big Expander 10 Lan fuse tamper	B10:S06
	140	nn	159	Big Expander 10 Detector fuse tamper	B10:S07
	143	nn	160	Big Expander 10 Lan comms status	B10:S08
	309	nn	161	Big Expander 10 Battery test fail	B10:S09
	306	nn	162	Big Expander 10 spare V	B10:S10
	140	nn	237 etc.	Big Expander 11 Zone 1 V From Big Expander 10 to 18 V	B11:Z01
	140	nn	937	Big Expander 18 Zone 1	B18:Z01
	140	nn	938	Big Expander 18 Zone 2	B18:Z02
			to	to	to
	140	nn	952	Big Expander 18 Zone 16	B18:Z16
	140	nn	99	Big Expander 18 Zone 17	B18:Z17
			to	to	to
	140	nn	99	Big Expander 18 Zone 32	B18:Z32
	145	nn	953	Big Expander 18 cabinet tamper	B18:S01
	145	nn	954	Big Expander 18 internal siren tamper	B18:S02
	145	nn	955	Big Expander 18 external siren tamper	B18:S03
	301	nn	956	Big Expander 18 AC fail	B18:S04

Account No.	Event Code	Area No.	POINT	Description	Panel Input
	302	nn	957	Big Expander 18 Battery Low	B18:S05
	140	nn	958	Big Expander 18 Lan fuse tamper	B18:S06
	140	nn	959	Big Expander 18 Detector fuse tamper	B18:S07
	143	nn	960	Big Expander 18 Lan comms status	B18:S08
	309	nn	961	Big Expander 18 Battery test fail	B18:S09
	306	nn	962	Big Expander 18 spare	B18:S10
	140	nn	111	Expander 1 Zone 1	E01:Z01
	140	nn	112	Expander 1 Zone 2	E01:Z02
			to	to	to
	140	nn	126	Expander 1 Zone 16	E01:Z16
	145	nn	127	Expander 1 cabinet tamper	E01:S01
	145	nn	128	Expander 1 internal siren tampers	E01:S02
	145	nn	129	Expander 1 external siren tampers	E01:S03
	301	nn	130	Expander 1 AC fail	E01:S04
	302	nn	131	Expander 1 Battery Low	E01:S05
	140	nn	132	Expander 1 Lan fuse tamper	E01:S06
	140	nn	133	Expander 1 Detector fuse tamper	E01:S07
	143	nn	134	Expander 1 Lan comms status	E01:S08
	309	nn	135	Expander 1 Battery test fail	E01:S09
	306	nn	136	Expander 1 spare	E01:S10
				V	
	140	nn	211	Expander 2 Zone 1	E02:Z01
			etc.	V	
				From Zone Expander 1 to 9	
				V	
	140	nn	911	Expander 9 Zone 1	E09:Z01
	140	nn	912	Expander 9 Zone 2	E09:Z02
			to	to	to
	140	nn	926	Expander 9 Zone 16	E09:Z16
	145	nn	927	Expander 9 cabinet tamper	E09:S01
	145	nn	928	Expander 9 internal siren tampers	E09:S02
	145	nn	929	Expander 9 external siren tampers	E09:S03
	301	nn	930	Expander 9 AC fail	E09:S04
	302	nn	931	Expander 9 Battery Low	E09:S05
	140	nn	932	Expander 9 Lan fuse tamper	E09:S06
	140	nn	933	Expander 9 Detector fuse tamper	E09:S07
	143	nn	934	Expander 9 Lan comms status	E09:S08
	309	nn	935	Expander 9 Battery test fail	E09:S09
	306	nn	936	Expander 9 Spare	E09:S10
			99	From Expander 10 to 18 zones 1 to 16	Enn:Znn
	140	nn	111	Mini Expander 1 Zone 1	M01:Z01
	140	nn	112	Mini Expander 1 Zone 2	M01:Z02
			to	to	to
	140	nn	118	Mini Expander 1 Zone 8	M01:Z08
	302	nn	127	Mini Expander 1 Low Battery	M01:S01
	140	nn	128	Mini Expander 1 Zn1 Extra	M01:S02
	140	nn	129	Mini Expander 1 Zn2 Extra	M01:S03
	140	nn	130	Mini Expander 1 Zn3 Extra	M01:S04
	140	nn	131	Mini Expander 1 Zn4 Extra	M01:S05
	140	nn	132	Mini Expander 1 Zn5 Extra	M01:S06
	140	nn	133	Mini Expander 1 Zn6 Extra	M01:S07
	140	nn	134	Mini Expander 1 Zn7 Extra	M01:S08

Account No.	Event Code	Area No.	POINT	Description	Panel Input
	143	nn	135	Mini Expander 1 LAN Comms V	M01:S09
	140	nn	211 etc.	Mini Expander 2 Zone 1 V From Zone Expander 1 to 9 V	M02:Z01
	140	nn	911	Mini Expander 9 Zone 1	M09:Z01
	140	nn	912	Mini Expander 9 Zone 2	M09:Z02
			to	to	to
	140	nn	918	Mini Expander 9 Zone 8	M09:Z08
	302	nn	927	Mini Expander 9 Low Battery	M09:S01
	140	nn	928	Mini Expander 9 Zn1 Extra	M09:S02
	140	nn	929	Mini Expander 9 Zn2 Extra	M09:S03
	140	nn	930	Mini Expander 9 Zn3 Extra	M09:S04
	140	nn	931	Mini Expander 9 Zn4 Extra	M09:S05
	140	nn	932	Mini Expander 9 Zn5 Extra	M09:S06
	140	nn	933	Mini Expander 9 Zn6 Extra	M09:S07
	140	nn	934	Mini Expander 9 Zn7 Extra	M09:S08
	143	nn	935	Mini Expander 9 LAN Comms	M09:S09
			99	Mini Expander 10 to 18 zones 1 to 8	Mnn:Znn
	140	nn	163	Reader Module 1 Zone 1 Door 1	R01:Z01
	140	nn	164	Reader Module 1 Zone 2 REX Button	R01:Z02
	140	nn	165	Reader Module 1 Zone 3 REX Button	R01:Z03
	140	nn	166	Reader Module 1 Zone 4 Spare	R01:Z04
	140	nn	167	Reader Module 1 Zone 5	R01:Z05
	140	nn	168	Reader Module 1 Zone 6	R01:Z06
	140	nn	169	Reader Module 1 Zone 7	R01:Z07
	140	nn	170	Reader Module 1 Zone 8	R01:Z08
	145	nn	171	Reader Module 1 Cabinet Tamper	R01:S01
	302	nn	172	Reader Module 1 Low Battery	R01:S02
	140	nn	173	Reader Module 1 Door 1 Force	R01:S03
	140	nn	174	Reader Module 1 Door 1 Held	R01:S04
	140	nn	175	Reader Module 1 Door 2 Force	R01:S05
	140	nn	176	Reader Module 1 Door 2 Held	R01:S06
	140	nn	177	Reader Module 1 Illegal Card	R01:S07
	143	nn	178	Reader Module 1 Lan Comms Fail V	R01:S08
	140	nn	263 etc.	Reader Module 2 Zone 1 Door 1 V From Reader 1 to Reader 9 V	R02:Z01
	140	nn	963	Reader Module 9 Zone 1 Door 1	R09:Z01
	140	nn	964	Reader Module 9 Zone 2 REX Button	R09:Z02
	140	nn	965	Reader Module 9 Zone 3 REX Button	R09:Z03
	140	nn	966	Reader Module 9 Zone 4 Spare	R09:Z04
	140	nn	967	Reader Module 9 Zone 5	R09:Z05
	140	nn	968	Reader Module 9 Zone 6	R09:Z06
	140	nn	969	Reader Module 9 Zone 7	R09:Z07
	140	nn	970	Reader Module 9 Zone 8	R09:Z08
	145	nn	971	Reader Module 9 Cabinet Tamper	R09:S01
	302	nn	972	Reader Module 9 Low Battery	R09:S02
	140	nn	973	Reader Module 9 Door 1 Force	R09:S03
	140	nn	974	Reader Module 9 Door 1 Held	R09:S04

Account No.	Event Code	Area No.	POINT	Description	Panel Input
	140	nn	975	Reader Module 9 Door 2 Force	R09:S05
	140	nn	976	Reader Module 9 Door 2 Held	R09:S06
	140	nn	977	Reader Module 9 Illegal Card	R09:S07
	143	nn	978	Reader Module 9 Lan Comms Fail	R09:S08
	140	nn	179	SpreadNet 1 Zone 1	N01:Z01
	140	nn	180	SpreadNet 1 Zone 2	N01:Z02
			to	to	to
	140	nn	194	SpreadNet 1 Zone 16	N01:Z16
	353	nn	195	SpreadNet 1 Timeout	N01:S01
	356	nn	196	SpreadNet 1 Low Battery	N01:S02
	140	nn	197	SpreadNet 1 Spare	N01:S03
	140	nn	198	SpreadNet 1 Spare	N01:S04
			V		
	140	nn	279	SpreadNet 2 Zone 1	N02:Z01
			etc.	V	
				From SpreadNet Module 1 to 9	
				V	
	140	nn	979	SpreadNet 9 Zone 1	N9:Z01
	140	nn	980	SpreadNet 9 Zone 2	N9:Z02
			to	to	to
	140	nn	994	SpreadNet 9 Zone 16	N13:Z16
	353	nn	995	SpreadNet 9 Timeout	N13:S01
	356	nn	996	SpreadNet 9 Low Battery	N13:S02
	140	nn	997	SpreadNet 9 Spare	N13:S03
	140	nn	998	SpreadNet 9 Spare	N13:S04
	140	nn	111	Intell 4 Dr Access Mod Zone 1	I01:Z01
	140	nn	112	Intell 4 Dr Access Mod Zone 2	I01:Z02
			to		
	140	nn	126	Intell 4 Dr Acc Mod Zone 16	I01:Z16
	145	nn	127	Intell 4 Dr Acc Mod Lock Tamper D1	I01:S01
	145	nn	128	Intell 4 Dr Acc Mod Lock Tamper D2	I01:S02
	145	nn	129	Intell 4 Dr Acc Mod Lock Tamper D3	I01:S03
	145	nn	130	Intell 4 Dr Acc Mod Lock Tamper D4	I01:S04
	140	nn	131	Intell 4 Dr Acc Mod Door Forced D1	I01:S05
	140	nn	132	Intell 4 Dr Acc Mod Door Forced D2	I01:S06
	140	nn	133	Intell 4 Dr Acc Mod Door Forced D3	I01:S07
	140	nn	134	Intell 4 Dr Acc Mod Door Forced D4	I01:S08
	140	nn	135	Intell 4 Dr Acc Mod DOTL Door 1	I01:S09
	140	nn	136	Intell 4 Dr Acc Mod DOTL Door 2	I01:S10
	140	nn	137	Intell 4 Dr Acc Mod DOTL Door 3	I01:S11
	140	nn	138	Intell 4 Dr Acc Mod DOTL Door 4	I01:S12
	140	nn	139	Intell 4 Dr Acc Mod Invalid Card Door 1	I01:S13
	140	nn	140	Intell 4 Dr Acc Mod Invalid Card Door 2	I01:S14
	140	nn	141	Intell 4 Dr Acc Mod Invalid Card Door 3	I01:S15
	140	nn	142	Intell 4 Dr Acc Mod Invalid Card Door 4	I01:S16
	145	nn	143	Intell 4 Dr Acc Mod Cabinet Tamper	I01:S17
	140	nn	144	Intell 4 Dr Acc Mod Gen Lock Fault	I01:S18
	309	nn	145	Intell 4 Dr Acc Mod Battery Test Fail	I01:S19
	301	nn	146	Intell 4 Dr Acc Mod AC Fail	I01:S20
	302	nn	147	Intell 4 Dr Acc Mod Low Battery	I01:S21
	140	nn	148	Intell 4 Dr Acc Mod LAN Fuse	I01:S22
	140	nn	149	Intell 4 Dr Acc Mod Detector Fuse	I01:S23
	143	nn	150	Intell 4 Dr Acc Mod LAN Comms Fail	I01:S24

Account No.	Event Code	Area No.	POINT	Description	Panel Input
				V	
	140	nn	211 etc.	Intell 4 Dr Access Mod Zone 1	I02:Z01
				V	
				From Intel 4Dr Acc Module 1 to 9	
				V	
	140	nn	911	Intell 4 Dr Access Mod Zone 1	I09:Z01
	140	nn	912	Intell 4 Dr Access Mod Zone 2	I09:Z02
				to	
	140	nn	926	Intell 4 Dr Acc Mod Zone 16	I09:Z16
	145	nn	927	Intell 4 Dr Acc Mod Lock Tamper D1	I09:S01
	145	nn	928	Intell 4 Dr Acc Mod Lock Tamper D2	I09:S02
	145	nn	929	Intell 4 Dr Acc Mod Lock Tamper D3	I09:S03
	145	nn	930	Intell 4 Dr Acc Mod Lock Tamper D4	I09:S04
	140	nn	931	Intell 4 Dr Acc Mod Door Forced D1	I09:S05
	140	nn	932	Intell 4 Dr Acc Mod Door Forced D2	I09:S06
	140	nn	933	Intell 4 Dr Acc Mod Door Forced D3	I09:S07
	140	nn	934	Intell 4 Dr Acc Mod Door Forced D4	I09:S08
	140	nn	935	Intell 4 Dr Acc Mod DOTL Door 1	I09:S09
	140	nn	936	Intell 4 Dr Acc Mod DOTL Door 2	I09:S10
	140	nn	937	Intell 4 Dr Acc Mod DOTL Door 3	I09:S11
	140	nn	938	Intell 4 Dr Acc Mod DOTL Door 4	I09:S12
	140	nn	939	Intell 4 Dr Acc Mod Invalid Card Door 1	I09:S13
	140	nn	940	Intell 4 Dr Acc Mod Invalid Card Door 2	I09:S14
	140	nn	941	Intell 4 Dr Acc Mod Invalid Card Door 3	I09:S15
	140	nn	942	Intell 4 Dr Acc Mod Invalid Card Door 4	I09:S16
	145	nn	943	Intell 4 Dr Acc Mod Cabinet Tamper	I09:S17
	140	nn	944	Intell 4 Dr Acc Mod Gen Lock Fault	I09:S18
	309	nn	945	Intell 4 Dr Acc Mod Battery Test Fail	I09:S19
	301	nn	946	Intell 4 Dr Acc Mod AC Fail	I09:S20
	302	nn	947	Intell 4 Dr Acc Mod Low Battery	I09:S21
	140	nn	948	Intell 4 Dr Acc Mod LAN Fuse	I09:S22
	140	nn	949	Intell 4 Dr Acc Mod Detector Fuse	I09:S23
	143	nn	950	Intell 4 Dr Acc Mod LAN Comms Fail	I09:S24
	140	nn	99	All Analogue Module Zone Inputs	Qnn:Znn
	145	nn	99	All Analogue Module Cabinet Tamper	Qnn:S01
	302	nn	99	All Analogue Module Low Volts	Qnn:S02
	143	nn	99	All Analogue Module LAN Comms	Qnn:S03
	140	nn	99	All LAN Pwr Supp Module Zone Inputs	Pnn:Znn
	145	nn	99	All LAN PS Module Cabinet Tamper	Pnn:S01
	301	nn	99	All LAN PS Module AC Fail	Pnn:S02
	302	nn	99	All LAN PS Module Low Batt	Pnn:S03
	140	nn	99	All LAN PS Module Batt Fail	Pnn:S04
	140	nn	99	All LAN PS Module Detector Fuse	Pnn:S05
	140	nn	99	All LAN PS Module LAN Fuse	Pnn:S06
	140	nn	99	All LAN PS Module Batt Fuse	Pnn:S07
	140	nn	99	All LAN PS Module Aux 2 Fuse	Pnn:S08
	145	nn	99	All LAN PS Module Aux 2 Tamper	Pnn:S09
	140	nn	99	All LAN PS Module Det Over-current	Pnn:S10
	140	nn	99	All LAN PS Module Batt Over-current	Pnn:S11
	140	nn	99	All LAN PS Module Over Volts	Pnn:S12
	140	nn	99	All LAN PS Module Low Volts	Pnn:S13
	330	nn	99	All LAN PS Module Slave Fail	Pnn:S14
	309	nn	99	All LAN PS Module Batt Test Fail	Pnn:S15

Account No.	Event Code	Area No.	POINT	Description	Panel Input
	143	nn	99	All LAN PS Module LAN Comms	Pnn:S16
	140	nn	179	RF Expander Module Zone 1	F01:Z01
	140	nn	180	RF Expander Module Zone 2	F01:Z02
			to	to	to
	140	nn	194	RF Expander Module Zone 16	F01:Z16
	140	nn	99	RF Expander Module Zone 17 to 32	F01:Znn
	145	nn	195	RF Exp Module Cabinet Tamper	F01:S01
	302	nn	196	RF Exp Module Low Volts	F01:S02
	384	nn	197	RF Exp Module Tx Low Batt	F01:S03
	381	nn	198	RF Exp Module Tx Poll Fail	F01:S04
	344	nn	199	RF Exp Module Tx Jam	F01:S05
	143	nn	200	RF Exp Module LAN Comms	F01:S06
			V		
	140	nn	279	RF Expander Module Zone 1	F0:Z01
			V		
				From RF Exp Module 1 to 9	
			V		
	140	nn	979	RF Expander Module Zone 1	F09:Z01
	140	nn	980	RF Expander Module Zone 2	F09:Z02
			to	to	to
	140	nn	994	RF Expander Module Zone 16	F09:Z16
	140	nn	99	RF Expander Module Zone 17 to 32	F09:Znn
	145	nn	995	RF Exp Module Cabinet Tamper	F09:S01
	302	nn	996	RF Exp Module Low Volts	F09:S02
	384	nn	997	RF Exp Module Tx Low Batt	F09:S03
	381	nn	998	RF Exp Module Tx Poll Fail	F09:S04
	344	nn	999	RF Exp Module Tx Jam	F09:S05
	143	nn		RF Exp Module LAN Comms	F09:S06

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**T06. Contact ID
School 30 Mapping Tables**

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Account No.	Event Code	Area No.	POINT	Description	Panel Input
				OPEN / CLOSE REPORTING	
				Refer to Table T03. Contact ID Messages. Open/Close Reports.	
				INPUT REPORTING	
	140	nn	001	Controller zone 1	C01:Z01
	140	nn	002	Controller zone 2	C01:Z02
			to	to	"
	140	nn	016	Controller zone 16	C01:Z16
	145	nn	017	Controller cabinet tamper	C01:S01
	145	nn	018	Controller internal siren tamper	C01:S02
	145	nn	019	Controller external siren tamper	C01:S03
	301	nn	020	Controller AC fail	C01:S04
	302	nn	021	Controller Low Battery	C01:S05
	140	nn	022	Controller Lan fuse tamper	C01:S06
	140	nn	023	Controller Detector fuse tamper	C01:S07
	143	nn	024	Controller Lan comms	C01:S08
	309	nn	025	Controller Battery test fail	C01:S09
	306	nn	026	Controller Checksum alteration	C01:S10
	305	nn	027	Controller system power on reset	C01:S11
	351	nn	028	Controller Phone line fault	C01:S12
	330	nn	029	Uart 1 fault	C01:S13
	330	nn	030	Uart 2 fault	C01:S14
	330	nn	031	Uart 3 fault	C01:S15
	330	nn	032	Uart 4 fault	C01:S16
	307	nn	033	Controller Self test fail	C01:S17
	602	nn	034	Controller Time report	C01:S18
	601	nn	035	Controller manual test report	C01:S19
	350	nn	036	Controller Comms backup	C01:S20
	354	nn	037	Controller Comms fail	C01:S21
	351	nn	038	Controller Phone	C01:S22
	140	nn	039	Controller Module substitution	C01:S23
	140	nn	040	Controller Pre-arm 1 Test Start	C01:S24
	140	nn	041	Controller Pre-arm 1 Test Fail	C01:S25
	140	nn	042	Controller Pre-arm 2 Test Start	C01:S26
	140	nn	043	Controller Pre-arm 2 Test Fail	C01:S27
	140	nn	044	Controller Request for Service	C01:S28
	140	nn	045	Controller Intelligent Reader problem	C01:S29
	140	nn	046	Controller GSM problem	C01:S30
	140	nn	047	Controller Expander Power Test	C01:S31
	140	nn	048	Controller Spare	C01:S32
		nn	99	Unmappable event	
	140	nn	100	LCD Terminal 1 Zone 1	T01:Z01
	140	nn	101	LCD Terminal 1 Zone 2	T01:Z02
	145	nn	102	LCD Terminal 1 Cabinet tamper	T01:S01
	120	nn	103	LCD Terminal 1 Panic	T01:S02
	420	nn	104	LCD Terminal 1 Door forced	T01:S03
	420	nn	105	LCD Terminal 1 Door Held	T01:S04
	122	nn	106	LCD Terminal 1 Operator duress	T01:S05
	102	nn	107	LCD Terminal 1 Deadman	T01:S06
	421	nn	108	LCD Terminal 1 Too many tries	T01:S07
	143	nn	109	LCD Terminal 1 Lan comms status	T01:S08
				V	
	140	nn	110	LCD Terminal 2 Zone 1	T02:Z01
	140	nn	111	LCD Terminal 2 Zone 2	T02:Z02

Account No.	Event Code	Area No.	POINT	Description	Panel Input
			etc.	V	
				From LCD Terminal Number 1 to 10	
				V	
	140	nn	190	LCD Terminal 10 Zone 1	T10:Z01
	140	nn	191	LCD Terminal 10 Zone 2	T10:Z01
	145	nn	192	LCD Terminal 10 Cabinet tamper	T10:S01
	120	nn	193	LCD Terminal 10 Panic	T10:S02
	420	nn	194	LCD Terminal 10 Door forced	T10:S03
	420	nn	195	LCD Terminal 10 Door Held	T10:S04
	122	nn	196	LCD Terminal 10 Operator duress	T10:S05
	102	nn	197	LCD Terminal 10 Deadman	T10:S06
	421	nn	198	LCD Terminal 10 Too many tries	T10:S07
	143	nn	199	LCD Terminal 10 Lan comms status	T10:S08
	145	nn	100	Touchscrn Term 1 Cabinet tamper	K01:S01
	120	nn	101	Touchscrn Term 1 Panic	K01:S02
	420	nn	102	Touchscrn Term 1 Door forced	K01:S03
	420	nn	103	Touchscrn Term 1 Door open too long	K01:S04
	122	nn	104	Touchscrn Term 1 Operator duress	K01:S05
	102	nn	105	Touchscrn Term 1 Deadman	K01:S06
	140	nn	106	Touchscrn Term 1 Too many tries	K01:S07
	143	nn	107	Touchscrn Term 1 Lan comms status	K01:S08
				V	
	145	nn	110	Touchscrn Term 2 Cabinet tamper	K01:S01
	120	nn	111	Touchscrn Term 2 Panic	K01:S02
				V	
				From Touchscrn Term Number 1 to 10	
				V	
	145	nn	190	Touchscrn Term 10 Cabinet tamper	K10:S01
	120	nn	191	Touchscrn Term 10 Panic	K10:S02
	420	nn	192	Touchscrn Term 10 Door forced	K10:S03
	420	nn	193	Touchscrn Term 10 Door open too long	K10:S04
	122	nn	194	Touchscrn Term 10 Operator duress	K10:S05
	102	nn	195	Touchscrn Term 10 Deadman	K10:S06
	421	nn	196	Touchscrn Term 10 Too many tries	K10:S07
	143	nn	197	Touchscrn Term 10 Lan comms status	K10:S08
	140	nn	200	Big Expander 1 Zone 1	B01:Z01
	140	nn	201	Big Expander 1 Zone 2	B01:Z02
			to	to	to
	140	nn	215	Big Expander 1 Zone 16	B01:Z16
	140	nn	99	Big Expander 1 Zone 17	B01:Z17
			to	to	to
	140	nn	99	Big Expander 1 Zone 32	B01:Z32
	145	nn	216	Big Expander 1 cabinet tamper	B01:S01
	145	nn	217	Big Expander 1 internal siren tamper	B01:S02
	145	nn	218	Big Expander 1 external siren tamper	B01:S03
	301	nn	219	Big Expander 1 AC fail	B01:S04
	302	nn	220	Big Expander 1 Battery Low	B01:S05
	140	nn	221	Big Expander 1 Lan fuse tamper	B01:S06
	140	nn	222	Big Expander 1 Detector fuse tamper	B01:S07
	143	nn	223	Big Expander 1 Lan comms status	B01:S08
	309	nn	224	Big Expander 1 Battery test fail	B01:S09
	306	nn	225	Big Expander 1 spare	B01:S10
				V	
	140	nn	226	Big Expander 2 Zone 1	B02:Z01
	140	nn	227	Big Expander 2 Zone 2	B02:Z02

Account No.	Event Code	Area No.	POINT	Description	Panel Input
				V	
				From Big Expander 1 to 30	
				V	
	140	nn	954	Big Expander 30 Zone 1	B30:Z01
	140	nn	955	Big Expander 30 Zone 2	B30:Z02
			to	to	to
	140	nn	969	Big Expander 30 Zone 16	B30:Z16
	140	nn	99	Big Expander 30 Zone 17	B30:Z17
			to	to	to
	140	nn	99	Big Expander 30 Zone 32	B30:Z32
	145	nn	970	Big Expander 30 cabinet tamper	B30:S01
	145	nn	971	Big Expander 30 internal siren tamper	B30:S02
	145	nn	972	Big Expander 30 external siren tamper	B30:S03
	301	nn	973	Big Expander 30 AC fail	B30:S04
	302	nn	974	Big Expander 30 Battery Low	B30:S05
	140	nn	975	Big Expander 30 Lan fuse tamper	B30:S06
	140	nn	976	Big Expander 30 Detector fuse tamper	B30:S07
	143	nn	977	Big Expander 30 Lan comms status	B30:S08
	309	nn	978	Big Expander 30 Battery test fail	B30:S09
	306	nn	979	Big Expander 30 spare	B30:S10
	140	nn	200	Expander 1 Zone 1	E01:Z01
	140	nn	201	Expander 1 Zone 2	E01:Z02
			to	to	to
	140	nn	215	Expander 1 Zone 16	E01:Z16
	145	nn	216	Expander 1 cabinet tamper	E01:S01
	145	nn	217	Expander 1 internal siren tampers	E01:S02
	145	nn	218	Expander 1 external siren tampers	E01:S03
	301	nn	219	Expander 1 AC fail	E01:S04
	302	nn	220	Expander 1 Battery Low	E01:S05
	140	nn	221	Expander 1 Lan fuse tamper	E01:S06
	140	nn	222	Expander 1 Detector fuse tamper	E01:S07
	143	nn	223	Expander 1 Lan comms status	E01:S08
	309	nn	224	Expander 1 Battery test fail	E01:S09
	306	nn	225	Expander 1 spare	E01:S10
				V	
				From Zone Expander 1 to 30	
				V	
	140	nn	954	Expander 30 Zone 1	E30:Z01
	140	nn	955	Expander 30 Zone 2	E30:Z02
			to	to	to
	140	nn	969	Expander 30 Zone 16	E30:Z32
	145	nn	970	Expander 30 cabinet tamper	E30:S01
	145	nn	971	Expander 30 internal siren tampers	E30:S02
	145	nn	972	Expander 30 external siren tampers	E30:S03
	301	nn	973	Expander 30 AC fail	E30:S04
	302	nn	974	Expander 30 Battery Low	E30:S05
	140	nn	975	Expander 30 Lan fuse tamper	E30:S06
	140	nn	976	Expander 30 Detector fuse tamper	E30:S07
	143	nn	977	Expander 30 Lan comms status	E30:S08
	309	nn	978	Expander 30 Battery test fail	E30:S09
	306	nn	979	Expander 30 Spare	E30:S10
	140	nn	200	Mini Expander 1 Zone 1	M01:Z01
	140	nn	201	Mini Expander 1 Zone 2	M01:Z02
			to	to	to
	140	nn	207	Mini Expander 1 Zone 8	M01:Z08

Account No.	Event Code	Area No.	POINT	Description	Panel Input
	302	nn	208	Mini Expander 1 Low Battery	M01:S01
	140	nn	209	Mini Expander 1 Zn1 Extra	M01:S02
	140	nn	210	Mini Expander 1 Zn2 Extra	M01:S03
	140	nn	211	Mini Expander 1 Zn3 Extra	M01:S04
	140	nn	212	Mini Expander 1 Zn4 Extra	M01:S05
	140	nn	213	Mini Expander 1 Zn5 Extra	M01:S06
	140	nn	214	Mini Expander 1 Zn6 Extra	M01:S07
	140	nn	215	Mini Expander 1 Zn7 Extra	M01:S08
	143	nn	216	Mini Expander 1 LAN Comms	M01:S09
				V	
	140	nn	226	Mini Expander 2 Zone 1	M02:Z01
	140	nn	227	Mini Expander 2 Zone 2	M02:Z02
			to	to	to
	140	nn	233	Mini Expander 2 Zone 8	M02:Z08
	302	nn	234	Mini Expander 2 Low Battery	M02:S01
	140	nn	235	Mini Expander 2 Zn1 Extra	M02:S02
	140	nn	236	Mini Expander 2 Zn2 Extra	M02:S03
	140	nn	237	Mini Expander 2 Zn3 Extra	M02:S04
	140	nn	238	Mini Expander 2 Zn4 Extra	M02:S05
	140	nn	239	Mini Expander 2 Zn5 Extra	M02:S06
	140	nn	240	Mini Expander 2 Zn6 Extra	M02:S07
	140	nn	241	Mini Expander 2 Zn7 Extra	M02:S08
	143	nn	242	Mini Expander 2 LAN Comms	M02:S09
				V	
	140	nn	252	Mini Expander 3 Zone 1	M03:Z01
			etc.	V	
				From Mini Expander 2 to 30	
				V	
	140	nn	954	Mini Expander 30 Zone 1	M30:Z01
	140	nn	955	Mini Expander 30 Zone 2	M30:Z02
			to	to	to
	140	nn	961	Mini Expander 30 Zone 8	M30:Z08
	302	nn	962	Mini Expander 30 Low Battery	M30:S01
	140	nn	963	Mini Expander 30 Zn1 Extra	M30:S02
	140	nn	964	Mini Expander 30 Zn2 Extra	M30:S03
	140	nn	965	Mini Expander 30 Zn3 Extra	M30:S04
	140	nn	966	Mini Expander 30 Zn4 Extra	M30:S05
	140	nn	967	Mini Expander 30 Zn5 Extra	M30:S06
	140	nn	968	Mini Expander 30 Zn6 Extra	M30:S07
	140	nn	969	Mini Expander 30 Zn7 Extra	M30:S08
	143	nn	970	Mini Expander 30 LAN Comms	M30:S09
	140	nn	99	All Reader Module Inputs	Rnn:Znn
	140	nn	200	SpreadNet 1 Zone 1	N01:Z01
	140	nn	201	SpreadNet 1 Zone 2	N01:Z02
			to	to	to
	140	nn	215	SpreadNet 1 Zone 16	N01:Z16
	353	nn	216	SpreadNet 1 Timeout	N01:S01
	356	nn	217	SpreadNet 1 Low Battery	N01:S02
	140	nn	218	SpreadNet 1 Spare	N01:S03
	140	nn	219	SpreadNet 1 Spare	N01:S04
				V	
	140	nn	226	SpreadNet 2 Zone 1	N02:Z01
	140	nn	227	SpreadNet 2 Zone 2	N02:Z02
			to	to	to
	140	nn	241	SpreadNet 2 Zone 16	N02:Z16

Account No.	Event Code	Area No.	POINT	Description	Panel Input
	353	nn	242	SpreadNet 2 Timeout	N02:S01
	356	nn	243	SpreadNet 2 Low Battery	N02:S02
	140	nn	244	SpreadNet 2 Spare	N02:S03
	140	nn	245	SpreadNet 2 Spare	N02:S04
	140	nn	252	SpreadNet 3 Zone 1	N03:Z01
			etc.	V	
				From SpreadNet Module 2 to 13	
				V	
	140	nn	512	SpreadNet 13 Zone 1	N13:Z01
	140	nn	513	SpreadNet 13 Zone 2	N13:Z02
			to	to	to
	140	nn	527	SpreadNet 13 Zone 16	N13:Z16
	353	nn	528	SpreadNet 13 Timeout	N13:S01
	356	nn	529	SpreadNet 13 Low Battery	N13:S02
	140	nn	530	SpreadNet 13 Spare	N13:S03
	140	nn	531	SpreadNet 13 Spare	N13:S04
	140	nn	99	All Intell 4 Dr Access Mod Zones	Inn:Znn
	145	nn	99	Intell 4 Dr Acc Mod Lock Tamper D1	Inn:S01
	145	nn	99	Intell 4 Dr Acc Mod Lock Tamper D2	Inn:S02
	145	nn	99	Intell 4 Dr Acc Mod Lock Tamper D3	Inn:S03
	145	nn	99	Intell 4 Dr Acc Mod Lock Tamper D4	Inn:S04
	140	nn	99	Intell 4 Dr Acc Mod Door Forced D1	Inn:S05
	140	nn	99	Intell 4 Dr Acc Mod Door Forced D2	Inn:S06
	140	nn	99	Intell 4 Dr Acc Mod Door Forced D3	Inn:S07
	140	nn	99	Intell 4 Dr Acc Mod Door Forced D4	Inn:S08
	140	nn	99	Intell 4 Dr Acc Mod DOTL Door 1	Inn:S09
	140	nn	99	Intell 4 Dr Acc Mod DOTL Door 2	Inn:S10
	140	nn	99	Intell 4 Dr Acc Mod DOTL Door 3	Inn:S11
	140	nn	99	Intell 4 Dr Acc Mod DOTL Door 4	Inn:S12
	140	nn	99	Intell 4 Dr Acc Mod Invalid Card Door 1	Inn:S13
	140	nn	99	Intell 4 Dr Acc Mod Invalid Card Door 2	Inn:S14
	140	nn	99	Intell 4 Dr Acc Mod Invalid Card Door 3	Inn:S15
	140	nn	99	Intell 4 Dr Acc Mod Invalid Card Door 4	Inn:S16
	145	nn	99	Intell 4 Dr Acc Mod Cabinet Tamper	Inn:S17
	140	nn	99	Intell 4 Dr Acc Mod Gen Lock Fault	Inn:S18
	309	nn	99	Intell 4 Dr Acc Mod Battery Test Fail	Inn:S19
	301	nn	99	Intell 4 Dr Acc Mod AC Fail	Inn:S20
	302	nn	99	Intell 4 Dr Acc Mod Low Battery	Inn:S21
	140	nn	99	Intell 4 Dr Acc Mod LAN Fuse	Inn:S22
	140	nn	99	Intell 4 Dr Acc Mod Detector Fuse	Inn:S23
	143	nn	99	Intell 4 Dr Acc Mod LAN Comms Fail	Inn:S24
	140	nn	99	All Analogue Module Inputs	Qnn:Znn
	145	nn	99	All Analogue Module Cabinet Tamper	Qnn:S01
	302	nn	99	All Analogue Module Low Volts	Qnn:S02
	143	nn	99	All Analogue Module LAN Comms	Qnn:S03
	140	nn	99	All LAN Pwr Supp Module Zone Inputs	Pnn:Znn
	145	nn	99	All LAN PS Module Cabinet Tamper	Pnn:S01
	301	nn	99	All LAN PS Module AC Fail	Pnn:S02
	302	nn	99	All LAN PS Module Low Batt	Pnn:S03
	140	nn	99	All LAN PS Module Batt Fail	Pnn:S04
	140	nn	99	All LAN PS Module Detector Fuse	Pnn:S05
	140	nn	99	All LAN PS Module LAN Fuse	Pnn:S06
	140	nn	99	All LAN PS Module Batt Fuse	Pnn:S07

Account No.	Event Code	Area No.	POINT	Description	Panel Input
	140	nn	99	All LAN PS Module Aux 2 Fuse	Pnn:S08
	145	nn	99	All LAN PS Module Aux 2 Tamper	Pnn:S09
	140	nn	99	All LAN PS Module Det Over-current	Pnn:S10
	140	nn	99	All LAN PS Module Batt Over-current	Pnn:S11
	140	nn	99	All LAN PS Module Over Volts	Pnn:S12
	140	nn	99	All LAN PS Module Low Volts	Pnn:S13
	330	nn	99	All LAN PS Module Slave Fail	Pnn:S14
	309	nn	99	All LAN PS Module Batt Test Fail	Pnn:S15
	143	nn	99	All LAN PS Module LAN Comms	Pnn:S16
	140	nn	200	RF Expander Module Zone 1	F01:Z01
	140	nn	201	RF Expander Module Zone 2	F01:Z02
			to	to	to
	140	nn	215	RF Expander Module Zone 16	F01:Z16
	140	nn	99	RF Expander Module Zone 17 to 32	F01:Znn
	145	nn	216	RF Exp Module Cabinet Tamper	F01:S01
	302	nn	217	RF Exp Module Low Volts	F01:S02
	384	nn	218	RF Exp Module Tx Low Batt	F01:S03
	381	nn	219	RF Exp Module Tx Poll Fail	F01:S04
	344	nn	220	RF Exp Module Tx Jam	F01:S05
	143	nn	221	RF Exp Module LAN Comms	F01:S06
				V	
	140	nn	226	RF Expander Module Zone 1	F02:Z01
	140	nn	227	RF Expander Module Zone 2	F02:Z02
			to	to	to
	140	nn	241	RF Expander Module Zone 16	F02:Z16
	140	nn	99	RF Expander Module Zone 17 to 32	F02:Znn
	145	nn	242	RF Exp Module Cabinet Tamper	F02:S01
	302	nn	243	RF Exp Module Low Volts	F02:S02
	384	nn	244	RF Exp Module Tx Low Batt	F02:S03
	381	nn	245	RF Exp Module Tx Poll Fail	F02:S04
	344	nn	246	RF Exp Module Tx Jam	F02:S05
	143	nn	247	RF Exp Module LAN Comms	F02:S06
				V	
	140	nn	252	RF Expander Module Zone 1	F03:Z01
			etc.	V	
				From RF Exp Module 1 to 30	
				V	
	140	nn	954	RF Expander Module Zone 1	F30:Z01
	140	nn	955	RF Expander Module Zone 2	F30:Z02
			to	to	to
	140	nn	969	RF Expander Module Zone 16	F30:Z16
	140	nn	99	RF Expander Module Zone 17 to 32	F30:Znn
	145	nn	970	RF Exp Module Cabinet Tamper	F30:S01
	302	nn	971	RF Exp Module Low Volts	F30:S02
	384	nn	972	RF Exp Module Tx Low Batt	F30:S03
	381	nn	973	RF Exp Module Tx Poll Fail	F30:S04
	344	nn	974	RF Exp Module Tx Jam	F30:S05
	143	nn	975	RF Exp Module LAN Comms	F30:S06

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**T07. Contact ID
School 19 Mapping Tables**

Account No.	Event Code	Area No.	POINT	Description	Panel Input
				OPEN / CLOSE REPORTING	
				Refer to Table T03. Contact ID Messages. Open/Close Reports.	
				INPUT REPORTING	
	140	nn	001	Controller zone 1	C01:Z01
	140	nn	002	Controller zone 2	C01:Z02
			to	to	"
	140	nn	016	Controller zone 16	C01:Z16
	145	nn	017	Controller cabinet tamper	C01:S01
	145	nn	018	Controller internal siren tamper	C01:S02
	145	nn	019	Controller external siren tamper	C01:S03
	301	nn	020	Controller AC fail	C01:S04
	302	nn	021	Controller Low Battery	C01:S05
	140	nn	022	Controller Lan fuse tamper	C01:S06
	140	nn	023	Controller Detector fuse tamper	C01:S07
	143	nn	024	Controller Lan comms	C01:S08
	309	nn	025	Controller Battery test fail	C01:S09
	306	nn	026	Controller Checksum alteration	C01:S10
	305	nn	027	Controller system power on reset	C01:S11
	351	nn	028	Controller Phone line fault	C01:S12
	330	nn	029	Uart 1 fault	C01:S13
	330	nn	030	Uart 2 fault	C01:S14
	330	nn	031	Uart 3 fault	C01:S15
	330	nn	032	Uart 4 fault	C01:S16
	307	nn	033	Controller Self test fail	C01:S17
	602	nn	034	Controller Time report	C01:S18
	601	nn	035	Controller manual test report	C01:S19
	350	nn	036	Controller Comms backup	C01:S20
	354	nn	037	Controller Comms fail	C01:S21
	351	nn	038	Controller Phone	C01:S22
	140	nn	039	Controller Module substitution	C01:S23
	140	nn	040	Controller Pre-arm 1 Test Start	C01:S24
	140	nn	041	Controller Pre-arm 1 Test Fail	C01:S25
	140	nn	042	Controller Pre-arm 2 Test Start	C01:S26
	140	nn	043	Controller Pre-arm 2 Test Fail	C01:S27
	140	nn	044	Controller Request for Service	C01:S28
	140	nn	045	Controller Intelligent Reader problem	C01:S29
	140	nn	046	Controller GSM problem	C01:S30
	140	nn	047	Controller Expander Power Test	C01:S31
	140	nn	048	Controller Spare	C01:S32
		nn	99	Unmappable event	
	140	nn	100	LCD Terminal 1 Zone 1	T01:Z01
	140	nn	101	LCD Terminal 1 Zone 2	T01:Z02
	145	nn	102	LCD Terminal 1 Cabinet tamper	T01:S01
	120	nn	103	LCD Terminal 1 Panic	T01:S02
	420	nn	104	LCD Terminal 1 Door forced	T01:S03
	420	nn	105	LCD Terminal 1 Door Held	T01:S04
	122	nn	106	LCD Terminal 1 Operator duress	T01:S05
	102	nn	107	LCD Terminal 1 Deadman	T01:S06
	421	nn	108	LCD Terminal 1 Too many tries	T01:S07
	143	nn	109	LCD Terminal 1 Lan comms status	T01:S08
				V	
				From LCD Terminal Number 1 to 10	
				V	

Account No.	Event Code	Area No.	POINT	Description	Panel Input
	140	nn	190	LCD Terminal 10 Zone 1	T10:Z01
	140	nn	191	LCD Terminal 10 Zone 2	T10:Z01
	145	nn	192	LCD Terminal 10 Cabinet tamper	T10:S01
	120	nn	193	LCD Terminal 10 Panic	T10:S02
	420	nn	194	LCD Terminal 10 Door forced	T10:S03
	420	nn	195	LCD Terminal 10 Door Held	T10:S04
	122	nn	196	LCD Terminal 10 Operator duress	T10:S05
	102	nn	197	LCD Terminal 10 Deadman	T10:S06
	421	nn	198	LCD Terminal 10 Too many tries	T10:S07
	143	nn	199	LCD Terminal 10 Lan comms status	T10:S08
	145	nn	100	Touchscrn Term 1 Cabinet tamper	K01:S01
	120	nn	101	Touchscrn Term 1 Panic	K01:S02
	420	nn	102	Touchscrn Term 1 Door forced	K01:S03
	420	nn	103	Touchscrn Term 1 Door open too long	K01:S04
	122	nn	104	Touchscrn Term 1 Operator duress	K01:S05
	102	nn	105	Touchscrn Term 1 Deadman	K01:S06
	140	nn	106	Touchscrn Term 1 Too many tries	K01:S07
	143	nn	107	Touchscrn Term 1 Lan comms status	K01:S08
				V	
	145	nn	110	Touchscrn Term 2 Cabinet tamper	K01:S01
	120	nn	111	Touchscrn Term 2 Panic	K01:S02
				V	
				From Touchscrn Term Number 1 to 10	
				V	
	145	nn	190	Touchscrn Term 10 Cabinet tamper	K10:S01
	120	nn	191	Touchscrn Term 10 Panic	K10:S02
	420	nn	192	Touchscrn Term 10 Door forced	K10:S03
	420	nn	193	Touchscrn Term 10 Door open too long	K10:S04
	122	nn	194	Touchscrn Term 10 Operator duress	K10:S05
	102	nn	195	Touchscrn Term 10 Deadman	K10:S06
	421	nn	196	Touchscrn Term 10 Too many tries	K10:S07
	143	nn	197	Touchscrn Term 10 Lan comms status	K10:S08
	140	nn	200	Big Expander 1 Zone 1	B01:Z01
	140	nn	201	Big Expander 1 Zone 2	B01:Z02
			to	to	to
	140	nn	231	Big Expander 1 Zone 32	B01:Z32
	145	nn	232	Big Expander 1 cabinet tamper	B01:S01
	145	nn	233	Big Expander 1 internal siren tampers	B01:S02
	145	nn	234	Big Expander 1 external siren tampers	B01:S03
	301	nn	235	Big Expander 1 AC fail	B01:S04
	302	nn	236	Big Expander 1 Battery Low	B01:S05
	140	nn	237	Big Expander 1 Lan fuse tamper	B01:S06
	140	nn	238	Big Expander 1 Detector fuse tamper	B01:S07
	143	nn	239	Big Expander 1 Lan comms status	B01:S08
	309	nn	240	Big Expander 1 Battery test fail	B01:S09
	306	nn	241	Big Expander 1 Spare	B01:S10
				V	
	140	nn	242	Big Expander 2 Zone 1	B02:Z01
			etc.	V	
				From Big Expander 1 to 19	
				V	
	140	nn	956	Big Expander 19 Zone 1	B19:Z01
	140	nn	957	Big Expander 19 Zone 2	B19:Z02
			to	to	to
	140	nn	987	Big Expander 19 Zone 32	B19:Z32

Account No.	Event Code	Area No.	POINT	Description	Panel Input
	145	nn	988	Big Expander 19 cabinet tamper	B19:S01
	145	nn	989	Big Expander 19 internal siren tampers	B19:S02
	145	nn	990	Big Expander 19 external siren tampers	B19:S03
	301	nn	991	Big Expander 19 AC fail	B19:S04
	302	nn	992	Big Expander 19 Battery Low	B19:S05
	140	nn	993	Big Expander 19 Lan fuse tamper	B19:S06
	140	nn	994	Big Expander 19 Detector fuse tamper	B19:S07
	143	nn	995	Big Expander 19 Lan comms status	B19:S08
	309	nn	996	Big Expander 19 Battery test fail	B19:S09
	306	nn	997	Big Expander 19 Spare	B19:S10
	140	nn	200	Expander 1 Zone 1	E01:Z01
	140	nn	201	Expander 1 Zone 2	E01:Z02
			to	to	to
	140	nn	215	Expander 1 Zone 16	E01:Z16
	145	nn	232	Expander 1 cabinet tamper	E01:S01
	145	nn	233	Expander 1 internal siren tampers	E01:S02
	145	nn	234	Expander 1 external siren tampers	E01:S03
	301	nn	235	Expander 1 AC fail	E01:S04
	302	nn	236	Expander 1 Battery Low	E01:S05
	140	nn	237	Expander 1 Lan fuse tamper	E01:S06
	140	nn	238	Expander 1 Detector fuse tamper	E01:S07
	143	nn	239	Expander 1 Lan comms status	E01:S08
	309	nn	240	Expander 1 Battery test fail	E01:S09
	306	nn	241	Expander 1 spare	E01:S10
				V	
				From Zone Expander 1 to 19	
				V	
	140	nn	956	Expander 19 Zone 1	E19:Z01
	140	nn	957	Expander 19 Zone 2	E19:Z02
			to	to	to
	140	nn	971	Expander 19 Zone 16	E19:Z32
	145	nn	988	Expander 19 cabinet tamper	E19:S01
	145	nn	989	Expander 19 internal siren tampers	E19:S02
	145	nn	990	Expander 19 external siren tampers	E19:S03
	301	nn	991	Expander 19 AC fail	E19:S04
	302	nn	992	Expander 19 Battery Low	E19:S05
	140	nn	993	Expander 19 Lan fuse tamper	E19:S06
	140	nn	994	Expander 19 Detector fuse tamper	E19:S07
	143	nn	995	Expander 19 Lan comms status	E19:S08
	309	nn	996	Expander 19 Battery test fail	E19:S09
	306	nn	997	Expander 19 spare	E19:S10
	140	nn	200	Mini Expander 1 Zone 1	M01:Z01
	140	nn	201	Mini Expander 1 Zone 2	M01:Z02
			to	to	to
	140	nn	207	Mini Expander 1 Zone 8	M01:Z08
	302	nn	208	Mini Expander 1 Low Battery	M01:S01
	140	nn	209	Mini Expander 1 Zn1 Extra	M01:S02
	140	nn	210	Mini Expander 1 Zn2 Extra	M01:S03
	140	nn	211	Mini Expander 1 Zn3 Extra	M01:S04
	140	nn	212	Mini Expander 1 Zn4 Extra	M01:S05
	140	nn	213	Mini Expander 1 Zn5 Extra	M01:S06
	140	nn	214	Mini Expander 1 Zn6 Extra	M01:S07
	140	nn	215	Mini Expander 1 Zn7 Extra	M01:S08
	143	nn	216	Mini Expander 1 LAN Comms	M01:S09
				V	

Account No.	Event Code	Area No.	POINT	Description	Panel Input
				From Mini Expander 1 to 19	
				V	
	140	nn	956	Mini Expander 19 Zone 1	M19:Z01
	140	nn	957	Mini Expander 19 Zone 2	M19:Z02
			to	to	to
	140	nn	963	Mini Expander 19 Zone 8	M19:Z08
	302	nn	964	Mini Expander 19 Low Battery	M19:S01
	140	nn	965	Mini Expander 19 Zn1 Extra	M19:S02
	140	nn	966	Mini Expander 19 Zn2 Extra	M19:S03
	140	nn	967	Mini Expander 19 Zn3 Extra	M19:S04
	140	nn	968	Mini Expander 19 Zn4 Extra	M19:S05
	140	nn	969	Mini Expander 19 Zn5 Extra	M19:S06
	140	nn	970	Mini Expander 19 Zn6 Extra	M19:S07
	140	nn	971	Mini Expander 19 Zn7 Extra	M19:S08
	143	nn	972	Mini Expander 19 LAN Comms	M19:S09
	140	nn	99	All Reader Module Inputs	R01:Z01
	140	nn	200	SpreadNet 1 Zone 1	N01:Z01
	140	nn	201	SpreadNet 1 Zone 2	N01:Z02
			to	to	to
	140	nn	215	SpreadNet 1 Zone 16	N01:Z16
	353	nn	216	SpreadNet 1 Timeout	N01:S01
	356	nn	217	SpreadNet 1 Low Battery	N01:S02
	140	nn	218	SpreadNet 1 Spare	N01:S03
	140	nn	219	SpreadNet 1 Spare	N01:S04
				V	
				From SpreadNet Module 1 to 13	
				V	
	140	nn	704	SpreadNet 13 Zone 1	N13:Z01
	140	nn	705	SpreadNet 13 Zone 2	N13:Z02
			to	to	to
	140	nn	719	SpreadNet 13 Zone 16	N13:Z16
	353	nn	720	SpreadNet 13 Timeout	N13:S01
	356	nn	721	SpreadNet 13 Low Battery	N13:S02
	140	nn	722	SpreadNet 13 Spare	N13:S03
	140	nn	723	SpreadNet 13 Spare	N13:S04
	140	nn	99	All Intell 4 Dr Access Mod Zones	Inn:Z01
	145	nn	99	Intell 4 Dr Acc Mod Lock Tamper D1	Inn:S01
	145	nn	99	Intell 4 Dr Acc Mod Lock Tamper D2	Inn:S02
	145	nn	99	Intell 4 Dr Acc Mod Lock Tamper D3	Inn:S03
	145	nn	99	Intell 4 Dr Acc Mod Lock Tamper D4	Inn:S04
	140	nn	99	Intell 4 Dr Acc Mod Door Forced D1	Inn:S05
	140	nn	99	Intell 4 Dr Acc Mod Door Forced D2	Inn:S06
	140	nn	99	Intell 4 Dr Acc Mod Door Forced D3	Inn:S07
	140	nn	99	Intell 4 Dr Acc Mod Door Forced D4	Inn:S08
	140	nn	99	Intell 4 Dr Acc Mod DOTL Door 1	Inn:S09
	140	nn	99	Intell 4 Dr Acc Mod DOTL Door 2	Inn:S10
	140	nn	99	Intell 4 Dr Acc Mod DOTL Door 3	Inn:S11
	140	nn	99	Intell 4 Dr Acc Mod DOTL Door 4	Inn:S12
	140	nn	99	Intell 4 Dr Acc Mod Invalid Card Door 1	Inn:S13
	140	nn	99	Intell 4 Dr Acc Mod Invalid Card Door 2	Inn:S14
	140	nn	99	Intell 4 Dr Acc Mod Invalid Card Door 3	Inn:S15
	140	nn	99	Intell 4 Dr Acc Mod Invalid Card Door 4	Inn:S16
	145	nn	99	Intell 4 Dr Acc Mod Cabinet Tamper	Inn:S17
	140	nn	99	Intell 4 Dr Acc Mod Gen Lock Fault	Inn:S18

Account No.	Event Code	Area No.	POINT	Description	Panel Input
	309	nn	99	Intell 4 Dr Acc Mod Battery Test Fail	Inn:S19
	301	nn	99	Intell 4 Dr Acc Mod AC Fail	Inn:S20
	302	nn	99	Intell 4 Dr Acc Mod Low Battery	Inn:S21
	140	nn	99	Intell 4 Dr Acc Mod LAN Fuse	Inn:S22
	140	nn	99	Intell 4 Dr Acc Mod Detector Fuse	Inn:S23
	143	nn	99	Intell 4 Dr Acc Mod LAN Comms Fail	Inn:S24
	140	nn	99	All Analogue Module Zone Inputs	Qnn:Znn
	145	nn	99	All Analogue Module Cabinet Tamper	Qnn:S01
	302	nn	99	All Analogue Module Low Volts	Qnn:S02
	143	nn	99	All Analogue Module LAN Comms	Qnn:S03
	140	nn	99	All LAN Pwr Supp Module Zone Inputs	Pnn:Znn
	145	nn	99	All LAN PS Module Cabinet Tamper	Pnn:S01
	301	nn	99	All LAN PS Module AC Fail	Pnn:S02
	302	nn	99	All LAN PS Module Low Batt	Pnn:S03
	140	nn	99	All LAN PS Module Batt Fail	Pnn:S04
	140	nn	99	All LAN PS Module Detector Fuse	Pnn:S05
	140	nn	99	All LAN PS Module LAN Fuse	Pnn:S06
	140	nn	99	All LAN PS Module Batt Fuse	Pnn:S07
	140	nn	99	All LAN PS Module Aux 2 Fuse	Pnn:S08
	145	nn	99	All LAN PS Module Aux 2 Tamper	Pnn:S09
	140	nn	99	All LAN PS Module Det Over-current	Pnn:S10
	140	nn	99	All LAN PS Module Batt Over-current	Pnn:S11
	140	nn	99	All LAN PS Module Over Volts	Pnn:S12
	140	nn	99	All LAN PS Module Low Volts	Pnn:S13
	330	nn	99	All LAN PS Module Slave Fail	Pnn:S14
	309	nn	99	All LAN PS Module Batt Test Fail	Pnn:S15
	143	nn	99	All LAN PS Module LAN Comms	Pnn:S16
	140	nn	200	RF Expander Module Zone 1	F01:Z01
	140	nn	201	RF Expander Module Zone 2	F01:Z02
			to	to	to
	140	nn	231	RF Expander Module Zone 32	F01:Z32
	145	nn	232	RF Exp Module Cabinet Tamper	F01:S01
	302	nn	233	RF Exp Module Low Volts	F01:S02
	384	nn	234	RF Exp Module Tx Low Batt	F01:S03
	381	nn	235	RF Exp Module Tx Poll Fail	F01:S04
	344	nn	236	RF Exp Module Tx Jam	F01:S05
	143	nn	237	RF Exp Module LAN Comms	F01:S06
				V	
				From RF Exp Module 1 to 9	
				V	
	140	nn	956	RF Expander Module Zone 1	F19:Z01
	140	nn	957	RF Expander Module Zone 2	F19:Z02
			to	to	to
	140	nn	987	RF Expander Module Zone 32	F19:Z32
	145	nn	988	RF Exp Module Cabinet Tamper	F19:S01
	302	nn	989	RF Exp Module Low Volts	F19:S02
	384	nn	990	RF Exp Module Tx Low Batt	F19:S03
	381	nn	991	RF Exp Module Tx Poll Fail	F19:S04
	344	nn	992	RF Exp Module Tx Jam	F19:S05
	143	nn	993	RF Exp Module LAN Comms	F19:S06

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T07a. Contact ID School 19B Mapping Tables

Account No.	Event Code	Area No.	POINT	Description	Panel Input
				OPEN / CLOSE REPORTING	
				Refer to Table T03. Contact ID Messages. Open/Close Reports.	
				INPUT REPORTING	
	140	nn	001	Controller zone 1	C01:Z01
	140	nn	002	Controller zone 2	C01:Z02
			to	to	"
	140	nn	016	Controller zone 16	C01:Z16
	145	nn	017	Controller cabinet tamper	C01:S01
	145	nn	018	Controller internal siren tamper	C01:S02
	145	nn	019	Controller external siren tamper	C01:S03
	301	nn	020	Controller AC fail	C01:S04
	302	nn	021	Controller Low Battery	C01:S05
	140	nn	022	Controller Lan fuse tamper	C01:S06
	140	nn	023	Controller Detector fuse tamper	C01:S07
	143	nn	024	Controller Lan comms	C01:S08
	309	nn	025	Controller Battery test fail	C01:S09
	306	nn	026	Controller Checksum alteration	C01:S10
	305	nn	027	Controller system power on reset	C01:S11
	351	nn	028	Controller Phone line fault	C01:S12
	330	nn	029	Uart 1 fault	C01:S13
	330	nn	030	Uart 2 fault	C01:S14
	330	nn	031	Uart 3 fault	C01:S15
	330	nn	032	Uart 4 fault	C01:S16
	307	nn	033	Controller Self test fail	C01:S17
	602	nn	034	Controller Time report	C01:S18
	601	nn	035	Controller manual test report	C01:S19
	350	nn	036	Controller Comms backup	C01:S20
	354	nn	037	Controller Comms fail	C01:S21
	351	nn	038	Controller Phone	C01:S22
	140	nn	039	Controller Module substitution	C01:S23
	140	nn	040	Controller Pre-arm 1 Test Start	C01:S24
	140	nn	041	Controller Pre-arm 1 Test Fail	C01:S25
	140	nn	042	Controller Pre-arm 2 Test Start	C01:S26
	140	nn	043	Controller Pre-arm 2 Test Fail	C01:S27
	140	nn	044	Controller Request for Service	C01:S28
	140	nn	045	Controller Intelligent Reader problem	C01:S29
	140	nn	046	Controller GSM problem	C01:S30
	140	nn	047	Controller Expander Power Test	C01:S31
	140	nn	048	Controller Spare	C01:S32
		nn	99	Unmappable event	
	140	nn	100	LCD Terminal 1 Zone 1	T01:Z01
	140	nn	101	LCD Terminal 1 Zone 2	T01:Z02
	145	nn	102	LCD Terminal 1 Cabinet tamper	T01:S01
	120	nn	103	LCD Terminal 1 Panic	T01:S02
	420	nn	104	LCD Terminal 1 Door forced	T01:S03
	420	nn	105	LCD Terminal 1 Door Held	T01:S04
	122	nn	106	LCD Terminal 1 Operator duress	T01:S05
	102	nn	107	LCD Terminal 1 Deadman	T01:S06
	421	nn	108	LCD Terminal 1 Too many tries	T01:S07
	143	nn	109	LCD Terminal 1 Lan comms status	T01:S08
				V	
				From LCD Terminal Number 1 to 10	
				V	

Account No.	Event Code	Area No.	POINT	Description	Panel Input
	140	nn	190	LCD Terminal 10 Zone 1	T10:Z01
	140	nn	191	LCD Terminal 10 Zone 2	T10:Z01
	145	nn	192	LCD Terminal 10 Cabinet tamper	T10:S01
	120	nn	193	LCD Terminal 10 Panic	T10:S02
	420	nn	194	LCD Terminal 10 Door forced	T10:S03
	420	nn	195	LCD Terminal 10 Door Held	T10:S04
	122	nn	196	LCD Terminal 10 Operator duress	T10:S05
	102	nn	197	LCD Terminal 10 Deadman	T10:S06
	421	nn	198	LCD Terminal 10 Too many tries	T10:S07
	143	nn	199	LCD Terminal 10 Lan comms status	T10:S08
	145	nn	100	Touchscrn Term 1 Cabinet tamper	K01:S01
	120	nn	101	Touchscrn Term 1 Panic	K01:S02
	420	nn	102	Touchscrn Term 1 Door forced	K01:S03
	420	nn	103	Touchscrn Term 1 Door open too long	K01:S04
	122	nn	104	Touchscrn Term 1 Operator duress	K01:S05
	102	nn	105	Touchscrn Term 1 Deadman	K01:S06
	140	nn	106	Touchscrn Term 1 Too many tries	K01:S07
	143	nn	107	Touchscrn Term 1 Lan comms status	K01:S08
				V	
	145	nn	110	Touchscrn Term 2 Cabinet tamper	K01:S01
	120	nn	111	Touchscrn Term 2 Panic	K01:S02
				V	
				From Touchscrn Term Number 1 to 10	
				V	
	145	nn	190	Touchscrn Term 10 Cabinet tamper	K10:S01
	120	nn	191	Touchscrn Term 10 Panic	K10:S02
	420	nn	192	Touchscrn Term 10 Door forced	K10:S03
	420	nn	193	Touchscrn Term 10 Door open too long	K10:S04
	122	nn	194	Touchscrn Term 10 Operator duress	K10:S05
	102	nn	195	Touchscrn Term 10 Deadman	K10:S06
	421	nn	196	Touchscrn Term 10 Too many tries	K10:S07
	143	nn	197	Touchscrn Term 10 Lan comms status	K10:S08
	140	nn	200	Big Expander 1 Zone 1	B01:Z01
	140	nn	201	Big Expander 1 Zone 2	B01:Z02
			to	to	to
	140	nn	231	Big Expander 1 Zone 32	B01:Z32
	145	nn	232	Big Expander 1 cabinet tamper	B01:S01
	145	nn	233	Big Expander 1 internal siren tampers	B01:S02
	145	nn	234	Big Expander 1 external siren tampers	B01:S03
	301	nn	235	Big Expander 1 AC fail	B01:S04
	302	nn	236	Big Expander 1 Battery Low	B01:S05
	140	nn	237	Big Expander 1 Lan fuse tamper	B01:S06
	140	nn	238	Big Expander 1 Detector fuse tamper	B01:S07
	143	nn	239	Big Expander 1 Lan comms status	B01:S08
	309	nn	240	Big Expander 1 Battery test fail	B01:S09
	306	nn	241	Big Expander 1 Spare	B01:S10
				V	
				From Big Expander 1 to 19	
				V	
	140	nn	956	Big Expander 19 Zone 1	B19:Z01
	140	nn	957	Big Expander 19 Zone 2	B19:Z02
			to	to	to
	140	nn	987	Big Expander 19 Zone 32	B19:Z32
	145	nn	988	Big Expander 19 cabinet tamper	B19:S01
	145	nn	989	Big Expander 19 internal siren tampers	B19:S02

Account No.	Event Code	Area No.	POINT	Description	Panel Input
	145	nn	990	Big Expander 19 external siren tampers	B19:S03
	301	nn	991	Big Expander 19 AC fail	B19:S04
	302	nn	992	Big Expander 19 Battery Low	B19:S05
	140	nn	993	Big Expander 19 Lan fuse tamper	B19:S06
	140	nn	994	Big Expander 19 Detector fuse tamper	B19:S07
	143	nn	995	Big Expander 19 Lan comms status	B19:S08
	309	nn	996	Big Expander 19 Battery test fail	B19:S09
	306	nn	997	Big Expander 19 Spare	B19:S10
	140	nn	200	Expander 1 Zone 1	E01:Z01
	140	nn	201	Expander 1 Zone 2	E01:Z02
			to	to	to
	140	nn	215	Expander 1 Zone 16	E01:Z16
	145	nn	232	Expander 1 cabinet tamper	E01:S01
	145	nn	233	Expander 1 internal siren tampers	E01:S02
	145	nn	234	Expander 1 external siren tampers	E01:S03
	301	nn	235	Expander 1 AC fail	E01:S04
	302	nn	236	Expander 1 Battery Low	E01:S05
	140	nn	237	Expander 1 Lan fuse tamper	E01:S06
	140	nn	238	Expander 1 Detector fuse tamper	E01:S07
	143	nn	239	Expander 1 Lan comms status	E01:S08
	309	nn	240	Expander 1 Battery test fail	E01:S09
	306	nn	241	Expander 1 spare	E01:S10
				V	
				From Zone Expander 1 to 19	
				V	
	140	nn	956	Expander 19 Zone 1	E19:Z01
	140	nn	957	Expander 19 Zone 2	E19:Z02
			to	to	to
	140	nn	971	Expander 19 Zone 16	E19:Z32
	145	nn	988	Expander 19 cabinet tamper	E19:S01
	145	nn	989	Expander 19 internal siren tampers	E19:S02
	145	nn	990	Expander 19 external siren tampers	E19:S03
	301	nn	991	Expander 19 AC fail	E19:S04
	302	nn	992	Expander 19 Battery Low	E19:S05
	140	nn	993	Expander 19 Lan fuse tamper	E19:S06
	140	nn	994	Expander 19 Detector fuse tamper	E19:S07
	143	nn	995	Expander 19 Lan comms status	E19:S08
	309	nn	996	Expander 19 Battery test fail	E19:S09
	306	nn	997	Expander 19 spare	E19:S10
	140	nn	200	Mini Expander 1 Zone 1	M01:Z01
	140	nn	201	Mini Expander 1 Zone 2	M01:Z02
			to	to	to
	140	nn	207	Mini Expander 1 Zone 8	M01:Z08
	302	nn	232	Mini Expander 1 Low Battery	M01:S01
	140	nn	233	Mini Expander 1 Zn1 Extra	M01:S02
	140	nn	234	Mini Expander 1 Zn2 Extra	M01:S03
	140	nn	235	Mini Expander 1 Zn3 Extra	M01:S04
	140	nn	236	Mini Expander 1 Zn4 Extra	M01:S05
	140	nn	237	Mini Expander 1 Zn5 Extra	M01:S06
	140	nn	238	Mini Expander 1 Zn6 Extra	M01:S07
	140	nn	239	Mini Expander 1 Zn7 Extra	M01:S08
	143	nn	240	Mini Expander 1 LAN Comms	M01:S09
				V	
				From Mini Expander 1 to 19	
				V	

Account No.	Event Code	Area No.	POINT	Description	Panel Input
	140	nn	956	Mini Expander 19 Zone 1	M19:Z01
	140	nn	957	Mini Expander 19 Zone 2	M19:Z02
			to	to	to
	140	nn	963	Mini Expander 19 Zone 8	M19:Z08
	302	nn	988	Mini Expander 19 Low Battery	M19:S01
	140	nn	989	Mini Expander 19 Zn1 Extra	M19:S02
	140	nn	990	Mini Expander 19 Zn2 Extra	M19:S03
	140	nn	991	Mini Expander 19 Zn3 Extra	M19:S04
	140	nn	992	Mini Expander 19 Zn4 Extra	M19:S05
	140	nn	993	Mini Expander 19 Zn5 Extra	M19:S06
	140	nn	994	Mini Expander 19 Zn6 Extra	M19:S07
	140	nn	995	Mini Expander 19 Zn7 Extra	M19:S08
	143	nn	996	Mini Expander 19 LAN Comms	M19:S09
	140	nn	99	All Reader Module Inputs	R01:Znn
	140	nn	200	SpreadNet 1 Zone 1	N01:Z01
	140	nn	201	SpreadNet 1 Zone 2	N01:Z02
			to	to	to
	140	nn	215	SpreadNet 1 Zone 16	N01:Z16
	353	nn	232	SpreadNet 1 Timeout	N01:S01
	356	nn	233	SpreadNet 1 Low Battery	N01:S02
	140	nn	234	SpreadNet 1 Spare	N01:S03
	140	nn	235	SpreadNet 1 Spare	N01:S04
				V	
				From SpreadNet Module 1 to 13	
				V	
	140	nn	704	SpreadNet 13 Zone 1	N13:Z01
	140	nn	705	SpreadNet 13 Zone 2	N13:Z02
			to	to	to
	140	nn	719	SpreadNet 13 Zone 16	N13:Z16
	353	nn	736	SpreadNet 13 Timeout	N13:S01
	356	nn	737	SpreadNet 13 Low Battery	N13:S02
	140	nn	738	SpreadNet 13 Spare	N13:S03
	140	nn	739	SpreadNet 13 Spare	N13:S04
	140	nn	99	All Intell 4 Dr Access Mod Zones	Inn:Z01
	145	nn	99	Intell 4 Dr Acc Mod Lock Tamper D1	Inn:S01
	145	nn	99	Intell 4 Dr Acc Mod Lock Tamper D2	Inn:S02
	145	nn	99	Intell 4 Dr Acc Mod Lock Tamper D3	Inn:S03
	145	nn	99	Intell 4 Dr Acc Mod Lock Tamper D4	Inn:S04
	140	nn	99	Intell 4 Dr Acc Mod Door Forced D1	Inn:S05
	140	nn	99	Intell 4 Dr Acc Mod Door Forced D2	Inn:S06
	140	nn	99	Intell 4 Dr Acc Mod Door Forced D3	Inn:S07
	140	nn	99	Intell 4 Dr Acc Mod Door Forced D4	Inn:S08
	140	nn	99	Intell 4 Dr Acc Mod DOTL Door 1	Inn:S09
	140	nn	99	Intell 4 Dr Acc Mod DOTL Door 2	Inn:S10
	140	nn	99	Intell 4 Dr Acc Mod DOTL Door 3	Inn:S11
	140	nn	99	Intell 4 Dr Acc Mod DOTL Door 4	Inn:S12
	140	nn	99	Intell 4 Dr Acc Mod Invalid Card Door 1	Inn:S13
	140	nn	99	Intell 4 Dr Acc Mod Invalid Card Door 2	Inn:S14
	140	nn	99	Intell 4 Dr Acc Mod Invalid Card Door 3	Inn:S15
	140	nn	99	Intell 4 Dr Acc Mod Invalid Card Door 4	Inn:S16
	145	nn	99	Intell 4 Dr Acc Mod Cabinet Tamper	Inn:S17
	140	nn	99	Intell 4 Dr Acc Mod Gen Lock Fault	Inn:S18
	309	nn	99	Intell 4 Dr Acc Mod Battery Test Fail	Inn:S19
	301	nn	99	Intell 4 Dr Acc Mod AC Fail	Inn:S20

Account No.	Event Code	Area No.	POINT	Description	Panel Input
	302	nn	99	Intell 4 Dr Acc Mod Low Battery	Inn:S21
	140	nn	99	Intell 4 Dr Acc Mod LAN Fuse	Inn:S22
	140	nn	99	Intell 4 Dr Acc Mod Detector Fuse	Inn:S23
	143	nn	99	Intell 4 Dr Acc Mod LAN Comms Fail	Inn:S24
	140	nn	99	All Analogue Module Zone Inputs	Qnn:Znn
	145	nn	99	All Analogue Module Cabinet Tamper	Qnn:S01
	302	nn	99	All Analogue Module Low Volts	Qnn:S02
	143	nn	99	All Analogue Module LAN Comms	Qnn:S03
	140	nn	99	All LAN Pwr Supp Module Zone Inputs	Pnn:Znn
	145	nn	99	All LAN PS Module Cabinet Tamper	Pnn:S01
	301	nn	99	All LAN PS Module AC Fail	Pnn:S02
	302	nn	99	All LAN PS Module Low Batt	Pnn:S03
	140	nn	99	All LAN PS Module Batt Fail	Pnn:S04
	140	nn	99	All LAN PS Module Detector Fuse	Pnn:S05
	140	nn	99	All LAN PS Module LAN Fuse	Pnn:S06
	140	nn	99	All LAN PS Module Batt Fuse	Pnn:S07
	140	nn	99	All LAN PS Module Aux 2 Fuse	Pnn:S08
	145	nn	99	All LAN PS Module Aux 2 Tamper	Pnn:S09
	140	nn	99	All LAN PS Module Det Over-current	Pnn:S10
	140	nn	99	All LAN PS Module Batt Over-current	Pnn:S11
	140	nn	99	All LAN PS Module Over Volts	Pnn:S12
	140	nn	99	All LAN PS Module Low Volts	Pnn:S13
	330	nn	99	All LAN PS Module Slave Fail	Pnn:S14
	309	nn	99	All LAN PS Module Batt Test Fail	Pnn:S15
	143	nn	99	All LAN PS Module LAN Comms	Pnn:S16
	140	nn	200	RF Expander Module Zone 1	F01:Z01
	140	nn	201	RF Expander Module Zone 2	F01:Z02
			to	to	to
	140	nn	231	RF Expander Module Zone 32	F01:Z32
	145	nn	232	RF Exp Module Cabinet Tamper	F01:S01
	302	nn	233	RF Exp Module Low Volts	F01:S02
	384	nn	234	RF Exp Module Tx Low Batt	F01:S03
	381	nn	235	RF Exp Module Tx Poll Fail	F01:S04
	344	nn	236	RF Exp Module Tx Jam	F01:S05
	143	nn	237	RF Exp Module LAN Comms	F01:S06
				V	
				From RF Exp Module 1 to 9	
				V	
	140	nn	956	RF Expander Module Zone 1	F19:Z01
	140	nn	957	RF Expander Module Zone 2	F19:Z02
			to	to	to
	140	nn	987	RF Expander Module Zone 32	F19:Z32
	145	nn	988	RF Exp Module Cabinet Tamper	F19:S01
	302	nn	989	RF Exp Module Low Volts	F19:S02
	384	nn	990	RF Exp Module Tx Low Batt	F19:S03
	381	nn	991	RF Exp Module Tx Poll Fail	F19:S04
	344	nn	992	RF Exp Module Tx Jam	F19:S05
	143	nn	993	RF Exp Module LAN Comms	F19:S06

3000 / ACCESS 4000 V7.01

T08. SIMS II Alarm Report Mapping

The Contact ID message

XYZ NN TPP	Message String
XYZ	Event Code. Identifies the type of alarm or event.
NN	Group Byte. Used for module number when reporting zones.
TPP	Point or Zone Number:
T	Module Type. (Expander, Terminal, Reader, etc.)
PP	Zone or System Input number (point number)

SIMSII 7 Digit Account Maintenance Zones

XYZNTPP	7 digit message string
XYZ	Event Code. Identifies the type of alarm or event.
N	Group Byte. Used for module no. when reporting zones. Numeric-alpha sequence represents decimal values 1 - 35 i.e. 1 to 9 = 1 to 9, A to Z = 10 to 35
TPP	Point or Zone Number:
T	Module Type. (Expander, Terminal, Reader, etc. See below)
PP	Zone number (point number)

Common Event Codes (XYZ) for ZONE ALARMS

Event (XYZ)	Message	Description
130	BUR	Burglary
137	TAM	Tamper
573	ISO	Isolate
110	FIR	Fire
373	TAM	Fire Zone Tamper
571	ISO	Fire Zone Isolate
140	ALR	General Zone Alarm
144	TAM	General Zone Tamper
570	ISO	General Zone Isolate
e.g. 130 NN TPP		Burglary Alarm on Module type "T", No: "NN", Zone "PP"
570 NN TPP		General Isolate on Module type "T", No: "NN", Zone "PP"
NN		Module number
T		Module Type
PP		Zone number (point number)

Module Types

Type 0	Control Module	C
Type 1	LCD Terminal	T
Type 2	Touchscreen Term	K Type 2 also used for reporting LAN Pwr Supply.
Type 3	Big Expander	B
Type 4	Reader Module	R
Type 5	Wireless Network	N (SpreadNet / Inovonics) Also used for RF Expander
Type 6	Mini Expander	M
Type 7	16zone Expander	E
Type 8	Int 4 Door Contr	I
Type 9	Analog Mod	Q
Type 10	Geoquip	Not yet available
Type 11	LAN Power Supply	P (Reports as Module Type 2)
Type 12	RF Expander	F (Reports as Module Type 5)

Message	SIMSII Accnt Maint. Zones	Description
XYZ 01 001	XYZ1001	Control Module Zone Input 1
XYZ 01 002	XYZ1002	Control Module Zone Input 2
XYZ 01 003	XYZ1003	Control Module Zone Input 3
XYZ 01 004	XYZ1004	Control Module Zone Input 4
XYZ 01 005	XYZ1005	Control Module Zone Input 5
XYZ 01 006	XYZ1006	Control Module Zone Input 6
XYZ 01 007	XYZ1007	Control Module Zone Input 7
XYZ 01 008	XYZ1008	Control Module Zone Input 8
XYZ 01 009	XYZ1009	Control Module Zone Input 9
XYZ 01 010	XYZ1010	Control Module Zone Input 10
XYZ 01 011	XYZ1011	Control Module Zone Input 11
XYZ 01 012	XYZ1012	Control Module Zone Input 12
XYZ 01 013	XYZ1013	Control Module Zone Input 13
XYZ 01 014	XYZ1014	Control Module Zone Input 14
XYZ 01 015	XYZ1015	Control Module Zone Input 15
XYZ 01 016	XYZ1016	Control Module Zone Input 16
572 01 0PP		ISO Control Module System Zone Isolate. PP = Zone number
Control Module System Input Alarms		
145 01 001	1451001	TAM Cabinet tamper.
145 01 002	1451002	TAM Internal siren tamper.
145 01 003	1451003	TAM External siren tamper.
301 01 004	3011004	LPT AC fail.
302 01 005	3021005	LBT Low battery.
150 01 006	1501006	FUS LAN fuse tamper
150 01 007	1501007	FUS Detector fuse tamper
143 01 008	1431008	COM Lan Comms status
309 01 009	3091009	LBT Battery test fail
306 01 010	3061010	TRB Checksum alteration
305 01 011	3051011	TRB System power on reset.
351 01 012	3511012	LFT Phone Line Fail when required
330 01 013	3301013	COM Uart 1 problems
330 01 014	3301014	COM Uart 2 problems
330 01 015	3301015	COM Uart 3 problems
330 01 016	3301016	COM Uart 4 problems
307 01 017	3071017	TRB Zone self test fail
602 01 018	6021018	TST Time Report
601 01 019	6011019	TST Manual trigger
350 01 020	3501020	COM Comms Backup.
354 01 021	3541021	COM Comms Fail.
351 01 022	3511022	LFT Phone Line Fail when idle
150 01 023	1501023	ALR Module Substitution
150 01 024	1501024	Controller Pre-arm 1 Test Start
150 01 025	1501025	Controller Pre-arm 1 Test Fail
150 01 026	1501026	Controller Pre-arm 2 Test Start
150 01 027	1501027	Controller Pre-arm 2 Test Fail
150 01 028	1501028	Controller Request for Service
150 01 029	1501029	Controller Intelligent Reader problem
150 01 030	1501030	Controller GSM problem
150 01 031	1501031	Controller Expander Power Test
150 01 032	1501032	Controller Spare
XYZ 01 TPP		Message String
XYZ		Event Code
01	1	Module number. (A system has only one Control Module)
T		Module Type. Type 0 = Control Module.
PP		Zone number (point number)

Message	SIMSII Accnt Maint. Zones	Description
XYZ NN 101	XYZN101	LCD Terminal No: "NN" Zone Input 1
XYZ NN 102	XYZN102	LCD Terminal No: "NN" Zone Input 2
572 NN 1PP	572N1PP	ISO LCD Terminal No: "NN" System Zone Isolate PP = Zone number

Common Event Codes (XYZ) for Zone Alarms

130	BUR	Burglary
137	TAM	Tamper
573	ISO	Isolate
110	FIR	Fire
373	TAM	Fire Zone Tamper
571	ISO	Fire Zone Isolate
140	ALR	General Zone Alarm
144	TAM	General Zone Tamper
e.g. 140 02 102	1402102	General Zone Alarm on LCD Terminal No: 2, Zone 2.

LCD Terminal System Input Alarms

145 NN 101	145N101	TAM	LCD Terminal No: "NN" Cabinet tamper.
120 NN 102	120N102	PAN	LCD Terminal No: "NN" Panic
420 NN 103	420N103	TAM	LCD Terminal No: "NN" Door Forced
420 NN 104	420N104	TAM	LCD Terminal No: "NN" Door Held Open
122 NN 105	122N105	DUR	LCD Terminal No: "NN" Duress
102 NN 106	102N106	ALR	LCD Terminal No: "NN" Deadman
421 NN 107	150N107	ALR	LCD Terminal No: "NN" Too many tries
143 NN 108	143N108	COM	LCD Terminal No: "NN" LAN fail.

XYZ NN TPP		Message String
XYZ		Event Code
NN	N	Module number. (A system can have up to 99 LCD Terminals)
		SIMSII uses 1-9 then A-Z. (Representing decimal 1 to 35)
T		Module Type. Type 1 = LCD Terminal.
PP		Zone number (point number)

Message	SIMSII Accnt Maint. Zones	Description
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Touchscreen Terminal System Input Alarms

145 NN 201	145N201	TAM	Touchscreen Terminal No: "NN" Cabinet tamper.
120 NN 202	120N202	PAN	Touchscreen Terminal No: "NN" Panic
420 NN 203	420N203	TAM	Touchscreen Terminal No: "NN" Door Forced
420 NN 204	420N204	TAM	Touchscreen Terminal No: "NN" Door Held Open
122 NN 205	122N205	DUR	Touchscreen Terminal No: "NN" Duress
102 NN 206	102N206	ALR	Touchscreen Terminal No: "NN" Deadman
421 NN 207	150N207	ALR	Touchscreen Terminal No: "NN" Too many tries
143 NN 208	143N208	COM	Touchscreen Terminal No: "NN" LAN fail.

XYZ NN TPP		Message String
XYZ		Event Code
NN	N	Module number. (A system can have up to 99 Touchscreens)
		SIMSII uses 1-9 then A-Z. (Representing decimal 1 to 35)
T		Module Type. Type 2 = Touchscreen Terminal.
PP		Zone number (point number)

Touchscreen Terminals have no Zone Inputs.

Message	SIMSII Accnt Maint. Zones	Description
XYZ NN 201	XYZN201	LAN Power Supply No: "NN" Zone Input 1
XYZ NN 202	XYZN202	LAN Power Supply No: "NN" Zone Input 2
572 NN ???	572N2??	ISO LAN Power Supply No: "NN" System Zone Isolate ?? = Zone number

Common Event Codes (XYZ) for Zone Alarms

130	BUR	Burglary
137	TAM	Tamper
573	ISO	Isolate
110	FIR	Fire
373	TAM	Fire Zone Tamper
571	ISO	Fire Zone Isolate
140	ALR	General Zone Alarm
144	TAM	General Zone Tamper
e.g. 140 03 201	1403201	General Zone Alarm on LAN Power Supply No: 3, Zone 1.

LAN Power Supply Module System Input Alarms

145 NN 201	145N201	TAM	LAN Power Supply No: "NN" Cabinet tamper.
301 NN 202	301N202	LPT	LAN Power Supply No: "NN" AC Fail
302 NN 203	302N203	LBT	LAN Power Supply No: "NN" Low Battery
150 NN 204	150N204	ALR	LAN Power Supply No: "NN" Battery Fail
150 NN 205	150N205	ALR	LAN Power Supply No: "NN" Detector Fuse
150 NN 206	150N206	ALR	LAN Power Supply No: "NN" LAN Fuse
150 NN 207	150N207	ALR	LAN Power Supply No: "NN" Battery Fuse
150 NN 208	150N208	ALR	LAN Power Supply No: "NN" Aux 2 Fuse Fail
145 NN 209	145N209	ALR	LAN Power Supply No: "NN" Aux 2 Tamper
150 NN 210	150N210	ALR	LAN Power Supply No: "NN" Detector Over-current
150 NN 211	150N211	ALR	LAN Power Supply No: "NN" Battery Over-current
150 NN 212	150N212	ALR	LAN Power Supply No: "NN" Over-volts
150 NN 213	150N213	ALR	LAN Power Supply No: "NN" Low Volts
330 NN 214	330N214	ALR	LAN Power Supply No: "NN" Slave Fail
309 NN 215	309N215	LBT	LAN Power Supply No: "NN" Battery Test Fail
143 NN 216	143N216	COM	LAN Power Supply No: "NN" LAN Comms Problem
XYZ NN TPP			Message String
XYZ			Event Code
NN	N		Module number. (Up to 99)
			SIMSII uses 1-9 then A-Z. (Representing decimal 1 to 35)
T			Module Type. Type 2 = LAN Power Supply.
PP			Zone number (point number)

NOTE:

In the 3000/Access 4000 system, the LAN Power Supply is actually Type 11, but reports as Type 2 in SIMSII mapping. (Module Type 2 is the Touchscreen Terminal, which was implemented in V6 Firmware.)

Message	SIMSII Accnt Maint. Zones	Description
XYZ NN 301	XYZN301	Big Expander Module No: "NN" Zone Input 1
XYZ NN 302	XYZN302	Big Expander Module No: "NN" Zone Input 2
XYZ NN 303	XYZN303	Big Expander Module No: "NN" Zone Input 3
XYZ NN 304	XYZN304	Big Expander Module No: "NN" Zone Input 4
XYZ NN 305	XYZN305	Big Expander Module No: "NN" Zone Input 5
XYZ NN 306	XYZN306	Big Expander Module No: "NN" Zone Input 6
XYZ NN 307	XYZN307	Big Expander Module No: "NN" Zone Input 7
XYZ NN 308	XYZN308	Big Expander Module No: "NN" Zone Input 8
XYZ NN 309	XYZN309	Big Expander Module No: "NN" Zone Input 9
XYZ NN 310	XYZN310	Big Expander Module No: "NN" Zone Input 10
XYZ NN 311	XYZN311	Big Expander Module No: "NN" Zone Input 11
XYZ NN 312	XYZN312	Big Expander Module No: "NN" Zone Input 12
XYZ NN 313	XYZN313	Big Expander Module No: "NN" Zone Input 13
XYZ NN 314	XYZN314	Big Expander Module No: "NN" Zone Input 14
XYZ NN 315	XYZN315	Big Expander Module No: "NN" Zone Input 15
XYZ NN 316	XYZN316	Big Expander Module No: "NN" Zone Input 16
XYZ NN 317	XYZN317	Big Expander Module No: "NN" Zone Input 17
XYZ NN 318	XYZN318	Big Expander Module No: "NN" Zone Input 18
XYZ NN 319	XYZN319	Big Expander Module No: "NN" Zone Input 19
XYZ NN 320	XYZN320	Big Expander Module No: "NN" Zone Input 20
XYZ NN 321	XYZN321	Big Expander Module No: "NN" Zone Input 21
XYZ NN 322	XYZN322	Big Expander Module No: "NN" Zone Input 22
XYZ NN 323	XYZN323	Big Expander Module No: "NN" Zone Input 23
XYZ NN 324	XYZN324	Big Expander Module No: "NN" Zone Input 24
XYZ NN 325	XYZN325	Big Expander Module No: "NN" Zone Input 25
XYZ NN 326	XYZN326	Big Expander Module No: "NN" Zone Input 26
XYZ NN 327	XYZN327	Big Expander Module No: "NN" Zone Input 27
XYZ NN 328	XYZN328	Big Expander Module No: "NN" Zone Input 28
XYZ NN 329	XYZN329	Big Expander Module No: "NN" Zone Input 29
XYZ NN 330	XYZN330	Big Expander Module No: "NN" Zone Input 30
XYZ NN 331	XYZN331	Big Expander Module No: "NN" Zone Input 31
XYZ NN 332	XYZN332	Big Expander Module No: "NN" Zone Input 32
572 NN 3PP	572N3PP	ISO Big Expander Module No: "NN" System Zone Isolate PP = Zone Number

Common Event Codes (XYZ) for Zone Alarms

130	BUR	Burglary
137	TAM	Tamper
573	ISO	Isolate
110	FIR	Fire
373	TAM	Fire Zone Tamper
571	ISO	Fire Zone Isolate
140	ALR	General Zone Alarm
144	TAM	General Zone Tamper
570	ISO	General Zone Isolate
e.g. 130 01 314	1301314	Burglary Alarm on Big Expander Module No: 1, Zone 14.

Big Expander Module System Input Alarms

145 NN 301	145N301	TAM	Big Expander Module No: "NN" Cabinet tamper.
145 NN 302	145N302	TAM	Big Expander Module No: "NN" Internal siren tamper
145 NN 303	145N303	TAM	Big Expander Module No: "NN" Ext. siren tamper.
301 NN 304	301N304	LPT	Big Expander Module No: "NN" AC fail.
302 NN 305	302N305	LBT	Big Expander Module No: "NN" Low battery.
150 NN 306	150N306	FUS	Big Expander Module No: "NN" LAN fuse
150 NN 307	150N307	FUS	Big Expander Module No: "NN" Detector fuse
143 NN 308	143N308	COM	Big Expander Module No: "NN" Lan fail
309 NN 309	309N309	LBT	Big Expander Module No: "NN" Battery test fail
306 NN 310	306N310	TRB	Big Expander Module No: "NN" Program Change

e.g. 302 04 305 3024305 Low Battery Alarm on Big Expander Module No: 4.

XYZ NN TPP		Message String
XYZ		Event Code
NN	N	Module number. (A system can have up to 99 Big Expanders) SIMSII uses 1-9 then A-Z. (Representing decimal 1 to 35)
T		Module Type. Type 3 = Big Expander Module.
PP		Zone number (point number)

Message	SIMSII Accnt Maint. Zones	Description
XYZ NN 401	XYZN401	Reader Module No: "NN" Zone Input 1
XYZ NN 402	XYZN402	Reader Module No: "NN" Zone Input 2
XYZ NN 403	XYZN403	Reader Module No: "NN" Zone Input 3
XYZ NN 404	XYZN404	Reader Module No: "NN" Zone Input 4
XYZ NN 405	XYZN405	Reader Module No: "NN" Zone Input 5
XYZ NN 406	XYZN406	Reader Module No: "NN" Zone Input 6
XYZ NN 407	XYZN407	Reader Module No: "NN" Zone Input 7
XYZ NN 408	XYZN408	Reader Module No: "NN" Zone Input 8
572 NN 4PP	572N4PP	ISO Reader Module No: "NN" System Zone Isolate PP = Zone number

Common Event Codes (XYZ) for Zone Alarms

130	BUR	Burglary
137	TAM	Tamper
573	ISO	Isolate
373	TAM	Fire Zone Tamper
571	ISO	Fire Zone Isolate
140	ALR	General Zone Alarm
144	TAM	General Zone Tamper
570	ISO	General Zone Isolate
e.g. 137 04 405	1374405	Tamper Burglary Zone on Reader module No: 4, Zone 5.

Reader Module System Input Alarms

145 NN 401	145N401	TAM	Reader Module No: "NN" Cabinet tamper.
302 NN 402	302N402	LBT	Reader Module No: "NN" Low Voltage
420 NN 403	150N403	ALR	Reader Module No: "NN" Door 1 Forced
420 NN 404	150N404	ALR	Reader Module No: "NN" Door 1 Held Open
420 NN 405	150N405	ALR	Reader Module No: "NN" Door 2 Forced
420 NN 406	150N406	ALR	Reader Module No: "NN" Door 2 Held Open
421 NN 407	150N407	ALR	Reader Module No: "NN" Illegal Card
143 NN 408	143N408	COM	Reader Module No: "NN" LAN fail.
XYZ NN TPP			Message String
XYZ			Event Code
NN	N		Module number. (A system can have up to 99 Reader Modules)
			SIMSII uses 1-9 then A-Z. (Representing decimal 1 to 35)
T			Module Type. Type 4 = Reader Module.
PP			Zone number (point number)

Message	SIMSII Accnt Maint. Zones	Description
XYZ NN 501	XYZN501	Wireless Network Module No: "NN" Zone Input 1
XYZ NN 502	XYZN502	Wireless Network Module No: "NN" Zone Input 2
XYZ NN 503	XYZN503	Wireless Network Module No: "NN" Zone Input 3
XYZ NN 504	XYZN504	Wireless Network Module No: "NN" Zone Input 4
XYZ NN 505	XYZN505	Wireless Network Module No: "NN" Zone Input 5
XYZ NN 506	XYZN506	Wireless Network Module No: "NN" Zone Input 6
XYZ NN 507	XYZN507	Wireless Network Module No: "NN" Zone Input 7
XYZ NN 508	XYZN508	Wireless Network Module No: "NN" Zone Input 8
XYZ NN 509	XYZN509	Wireless Network Module No: "NN" Zone Input 9
XYZ NN 510	XYZN510	Wireless Network Module No: "NN" Zone Input 10
XYZ NN 511	XYZN511	Wireless Network Module No: "NN" Zone Input 11
XYZ NN 512	XYZN512	Wireless Network Module No: "NN" Zone Input 12
XYZ NN 513	XYZN513	Wireless Network Module No: "NN" Zone Input 13
XYZ NN 514	XYZN514	Wireless Network Module No: "NN" Zone Input 14
XYZ NN 515	XYZN515	Wireless Network Module No: "NN" Zone Input 15
XYZ NN 516	XYZN516	Wireless Network Module No: "NN" Zone Input 16
572 NN 5PP	572N5PP	ISO Wireless Network Module No: "NN" System Zone Isolate PP = Zone number

Common Event Codes (XYZ) for Zone Alarms

130	BUR	Burglary
137	TAM	Tamper
573	ISO	Isolate
373	TAM	Fire Zone Tamper
571	ISO	Fire Zone Isolate
140	ALR	General Zone Alarm
144	TAM	General Zone Tamper
570	ISO	General Zone Isolate
e.g. 130 02 506	1302506	Alarm Burglary Zone on Wireless N'work module No: 2, Zone 6.

Wireless Network Module System Input Alarms

145 NN 501	353N501	COM	Wireless Network Module No: "NN" Transmitter Timeout
302 NN 502	356N502	COM	Wireless Network Module No: "NN" Low Battery
XYZ NN TPP			Message String
XYZ			Event Code
NN	N		Module number. (A system can have up to 13 Wireless Modules) SIMSII uses 1-9 then A-Z. (Representing decimal 1 to 35)
T			Module Type. Type 5 = Wireless Network Module. (SpreadNet or Inovonics)
PP			Zone number (point number)

Message	SIMSII Accnt Maint. Zones	Description
XYZ NN 601	XYZN601	Mini Expander Module No: "NN" Zone Input 1
XYZ NN 602	XYZN602	Mini Expander Module No: "NN" Zone Input 2
XYZ NN 603	XYZN603	Mini Expander Module No: "NN" Zone Input 3
XYZ NN 604	XYZN604	Mini Expander Module No: "NN" Zone Input 4
XYZ NN 605	XYZN605	Mini Expander Module No: "NN" Zone Input 5
XYZ NN 606	XYZN606	Mini Expander Module No: "NN" Zone Input 6
XYZ NN 607	XYZN607	Mini Expander Module No: "NN" Zone Input 7
XYZ NN 608	XYZN608	Mini Expander Module No: "NN" Zone Input 8
572 NN 6PP	572N6PP	ISO Mini Expander Module No: "NN" System Zone Isolate PP = Zone Number

Common Event Codes (XYZ) for Zone Alarms

130	BUR	Burglary
137	TAM	Tamper
573	ISO	Isolate
110	FIR	Fire
373	TAM	Fire Zone Tamper
571	ISO	Fire Zone Isolate
140	ALR	General Zone Alarm
144	TAM	General Zone Tamper
570	ISO	General Zone Isolate
e.g. 130 12 607	130C607	Burglary Alarm on Mini Expander Module No: 12, Zone 7.

Mini Expander Module System Input Alarms

302 NN 601	302N601	LBT	Mini Expander Module No: "NN" Low Volts.
150 NN 602	150N602	ALR	Mini Expander Module No: "NN" Zone 1 Extra.
150 NN 603	150N603	ALR	Mini Expander Module No: "NN" Zone 2 Extra.
150 NN 604	150N604	ALR	Mini Expander Module No: "NN" Zone 3 Extra.
150 NN 605	150N605	ALR	Mini Expander Module No: "NN" Zone 4 Extra.
150 NN 606	150N606	ALR	Mini Expander Module No: "NN" Zone 5 Extra.
150 NN 607	150N607	ALR	Mini Expander Module No: "NN" Zone 6 Extra.
150 NN 608	150N608	ALR	Mini Expander Module No: "NN" Zone 7 Extra.
143 NN 609	143N609	COM	Mini Expander Module No: "NN" Lan fail
e.g. 302 04 601	3024601		Low Volts Alarm on Mini Expander Module No: 4.
XYZ NN TPP			Message String
XYZ			Event Code
NN	N		Module number. (A system can have up to 99 Mini Expanders)
			SIMSII uses 1-9 then A-Z. (Representing decimal 1 to 35)
T			Module Type. Type 6 = Mini Expander Module.
PP			Zone number (point number)

Message	SIMSII Accnt Maint. Zones	Description
XYZ NN 701	XYZN701	Expander Module No: "NN" Zone Input 1
XYZ NN 702	XYZN702	Expander Module No: "NN" Zone Input 2
XYZ NN 703	XYZN703	Expander Module No: "NN" Zone Input 3
XYZ NN 704	XYZN704	Expander Module No: "NN" Zone Input 4
XYZ NN 705	XYZN705	Expander Module No: "NN" Zone Input 5
XYZ NN 706	XYZN706	Expander Module No: "NN" Zone Input 6
XYZ NN 707	XYZN707	Expander Module No: "NN" Zone Input 7
XYZ NN 708	XYZN708	Expander Module No: "NN" Zone Input 8
XYZ NN 709	XYZN709	Expander Module No: "NN" Zone Input 9
XYZ NN 710	XYZN710	Expander Module No: "NN" Zone Input 10
XYZ NN 711	XYZN711	Expander Module No: "NN" Zone Input 11
XYZ NN 712	XYZN712	Expander Module No: "NN" Zone Input 12
XYZ NN 713	XYZN713	Expander Module No: "NN" Zone Input 13
XYZ NN 714	XYZN714	Expander Module No: "NN" Zone Input 14
XYZ NN 715	XYZN715	Expander Module No: "NN" Zone Input 15
XYZ NN 716	XYZN716	Expander Module No: "NN" Zone Input 16
572 NN 7PP	572N7PP	ISO Expander Module No: "NN" System Zone Isolate PP = Zone Number

Common Event Codes (XYZ) for Zone Alarms

130	BUR	Burglary
137	TAM	Tamper
573	ISO	Isolate
110	FIR	Fire
373	TAM	Fire Zone Tamper
571	ISO	Fire Zone Isolate
140	ALR	General Zone Alarm
144	TAM	General Zone Tamper
570	ISO	General Zone Isolate
e.g. 130 01 714	1301714	Burglary Alarm on Expander Module No: 1, Zone 14.

Expander Module System Input Alarms

145 NN 701	145N701	TAM	Expander Module No: "NN" Cabinet tamper.
145 NN 702	145N702	TAM	Expander Module No: "NN" Internal siren tamper
145 NN 703	145N703	TAM	Expander Module No: "NN" Ext. siren tamper.
301 NN 704	301N704	LPT	Expander Module No: "NN" AC fail.
302 NN 705	302N705	LBT	Expander Module No: "NN" Low battery.
150 NN 706	150N706	FUS	Expander Module No: "NN" LAN fuse
150 NN 707	150N707	FUS	Expander Module No: "NN" Detector fuse

143 NN 708	143N708	COM	Expander Module No: "NN" Lan fail
309 NN 709	309N709	LBT	Expander Module No: "NN" Battery test fail
306 NN 710	306N710	TRB	Expander Module No: "NN" Program Change

e.g. 302 04 705	3024705		Low Battery Alarm on Expander Module No: 4.
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XYZ NN TPP		Message String
XYZ		Event Code
NN	N	Module number. (A system can have up to 99 Expanders) SIMSII uses 1-9 then A-Z. (Representing decimal 1 to 35)
T		Module Type. Type 3 = Expander Module.
PP		Zone number (point number)

Message	SIMSII Accnt Maint. Zones	Description
XYZ NN 801	XYZN801	Intelligent 4Dr Access Module No: "NN" Zone Input 1
XYZ NN 802	XYZN802	Intelligent 4Dr Access Module No: "NN" Zone Input 2
XYZ NN 803	XYZN803	Intelligent 4Dr Access Module No: "NN" Zone Input 3
XYZ NN 804	XYZN804	Intelligent 4Dr Access Module No: "NN" Zone Input 4
XYZ NN 805	XYZN805	Intelligent 4Dr Access Module No: "NN" Zone Input 5
XYZ NN 806	XYZN806	Intelligent 4Dr Access Module No: "NN" Zone Input 6
XYZ NN 807	XYZN807	Intelligent 4Dr Access Module No: "NN" Zone Input 7
XYZ NN 808	XYZN808	Intelligent 4Dr Access Module No: "NN" Zone Input 8
XYZ NN 809	XYZN809	Intelligent 4Dr Access Module No: "NN" Reed Input Door #1
XYZ NN 810	XYZN810	Intelligent 4Dr Access Module No: "NN" Reed Input Door #2
XYZ NN 811	XYZN811	Intelligent 4Dr Access Module No: "NN" Reed Input Door #3
XYZ NN 812	XYZN812	Intelligent 4Dr Access Module No: "NN" Reed Input Door #4
XYZ NN 813	XYZN813	Intelligent 4Dr Access Module No: "NN" Tongue Sense Dr #1
XYZ NN 814	XYZN814	Intelligent 4Dr Access Module No: "NN" Tongue Sense Dr #2
XYZ NN 815	XYZN815	Intelligent 4Dr Access Module No: "NN" Tongue Sense Dr #3
XYZ NN 816	XYZN816	Intelligent 4Dr Access Module No: "NN" Tongue Sense Dr #4
572 NN 8PP	572N8PP	ISO Reader Module No: "NN" System Zone Isolate PP = Zone number

Common Event Codes (XYZ) for Zone Alarms

130	BUR	Burglary
137	TAM	Tamper
573	ISO	Isolate
373	TAM	Fire Zone Tamper
571	ISO	Fire Zone Isolate
140	ALR	General Zone Alarm
144	TAM	General Zone Tamper
570	ISO	General Zone Isolate
e.g. 137 04 805	1374805	Tamper Burglary Zone on Int. Access module No: 4, Zone 5.

Intelligent 4 Door Access Module System Input Alarms

145 NN 801	145N801	TAM	Intell. Access Module No: "NN" Lock tamper Door #1
145 NN 802	145N802	TAM	Intell. Access Module No: "NN" Lock tamper Door #2
145 NN 803	145N803	TAM	Intell. Access Module No: "NN" Lock tamper Door #3
145 NN 804	145N804	TAM	Intell. Access Module No: "NN" Lock tamper Door #4
150 NN 805	150N805	ALR	Intell. Access Module No: "NN" Door Forced. Door #1
150 NN 806	150N806	ALR	Intell. Access Module No: "NN" Door Forced. Door #2
150 NN 807	150N807	ALR	Intell. Access Module No: "NN" Door Forced. Door #3
150 NN 808	150N808	ALR	Intell. Access Module No: "NN" Door Forced. Door #4
150 NN 809	150N809	ALR	Intell. Access Module No: "NN" Door Held Open. Door #1
150 NN 810	150N810	ALR	Intell. Access Module No: "NN" Door Held Open. Door #2
150 NN 811	150N811	ALR	Intell. Access Module No: "NN" Door Held Open. Door #3
150 NN 812	150N812	ALR	Intell. Access Module No: "NN" Door Held Open. Door #4
150 NN 813	150N813	ALR	Intell. Access Module No: "NN" Illegal Card. Door #1
150 NN 814	150N814	ALR	Intell. Access Module No: "NN" Illegal Card. Door #2
150 NN 815	150N815	ALR	Intell. Access Module No: "NN" Illegal Card. Door #3
150 NN 816	150N816	ALR	Intell. Access Module No: "NN" Illegal Card. Door #4
145 NN 817	145N817	TAM	Intell. Access Module No: "NN" Cabinet tamper.
150 NN 818	150N818	ALR	Intell. Access Module No: "NN" General Lock Fault
309 NN 819	309N819	LBT	Intell. Access Module No: "NN" Battery test fail.
301 NN 820	301N820	LPT	Intell. Access Module No: "NN" AC fail.
302 NN 821	302N821	LBT	Intell. Access Module No: "NN" Low Battery
150 NN 822	150N822	FUS	Intell. Access Module No: "NN" LAN fuse
150 NN 823	150N823	FUS	Intell. Access Module No: "NN" Detector fuse
143 NN 824	143N824	COM	Intell. Access Module No: "NN" LAN fail.

XYZ NN TPP		Message String
XYZ		Event Code
NN	N	Module number.
		SIMSI uses 1-9 then A-Z. (Representing decimal 1 to 35)
T		Module Type. Type 8 = Intelligent 4Dr Access Module.
PP		Zone number (point number)

Message	SIMSII Accnt Maint. Zones	Description
XYZ NN 901	XYZN901	Analogue Module No: "NN" Zone Input 1
XYZ NN 902	XYZN902	Analogue Module No: "NN" Zone Input 2
XYZ NN 903	XYZN903	Analogue Module No: "NN" Zone Input 3
XYZ NN 904	XYZN904	Analogue Module No: "NN" Zone Input 4
XYZ NN 905	XYZN905	Analogue Module No: "NN" Zone Input 5
XYZ NN 906	XYZN906	Analogue Module No: "NN" Zone Input 6
572 NN 9PP	572N9PP	ISO Expander Module No: "NN" System Zone Isolate PP = Zone Number

Common Event Codes (XYZ) for Zone Alarms

130	BUR	Burglary
137	TAM	Tamper
573	ISO	Isolate
110	FIR	Fire
373	TAM	Fire Zone Tamper
571	ISO	Fire Zone Isolate
140	ALR	General Zone Alarm
144	TAM	General Zone Tamper
570	ISO	General Zone Isolate
e.g. 140 01 903	1301714	General Alarm on Analogue Module No: 1, Zone 3.

Analogue Module System Input Alarms

145 NN 901	145N901	TAM	Analogue Module No: "NN" Cabinet tamper.
302 NN 901	302N902	LBT	Analogue Module No: "NN" Low Volts.
143 NN 901	143N903	COM	Analogue Module No: "NN" LAN Comms.
e.g. 143 01 903	1431903		LAN Comms Problem on Analogue Module No: 1.

XYZ NN TPP	Message String
XYZ	Event Code
NN	Module number. (Up to 99)
	SIMSII uses 1-9 then A-Z. (Representing decimal 1 to 35)
T	Module Type. Type 9 = Analogue Module.
PP	Zone number (point number)

Message	SIMSII Accnt Maint. Zones	Description
XYZ NN 501	XYZN501	RF Expander No: "NN" Zone Input 1
XYZ NN 502	XYZN502	RF Expander No: "NN" Zone Input 2
XYZ NN 503	XYZN503	RF Expander No: "NN" Zone Input 3
XYZ NN 504	XYZN504	RF Expander No: "NN" Zone Input 4
XYZ NN 505	XYZN505	RF Expander No: "NN" Zone Input 5
XYZ NN 506	XYZN506	RF Expander No: "NN" Zone Input 6
XYZ NN 507	XYZN507	RF Expander No: "NN" Zone Input 7
XYZ NN 508	XYZN508	RF Expander No: "NN" Zone Input 8
XYZ NN 509	XYZN509	RF Expander No: "NN" Zone Input 9
XYZ NN 510	XYZN510	RF Expander No: "NN" Zone Input 10
XYZ NN 511	XYZN511	RF Expander No: "NN" Zone Input 11
XYZ NN 512	XYZN512	RF Expander No: "NN" Zone Input 12
XYZ NN 513	XYZN513	RF Expander No: "NN" Zone Input 13
XYZ NN 514	XYZN514	RF Expander No: "NN" Zone Input 14
XYZ NN 515	XYZN515	RF Expander No: "NN" Zone Input 15
XYZ NN 516	XYZN516	RF Expander No: "NN" Zone Input 16
XYZ NN 517	XYZN517	RF Expander No: "NN" Zone Input 17
XYZ NN 518	XYZN518	RF Expander No: "NN" Zone Input 18
XYZ NN 519	XYZN519	RF Expander No: "NN" Zone Input 19
XYZ NN 520	XYZN520	RF Expander No: "NN" Zone Input 20
XYZ NN 521	XYZN521	RF Expander No: "NN" Zone Input 21
XYZ NN 522	XYZN522	RF Expander No: "NN" Zone Input 22
XYZ NN 523	XYZN523	RF Expander No: "NN" Zone Input 23
XYZ NN 524	XYZN524	RF Expander No: "NN" Zone Input 24
XYZ NN 525	XYZN525	RF Expander No: "NN" Zone Input 25
XYZ NN 526	XYZN526	RF Expander No: "NN" Zone Input 26
XYZ NN 527	XYZN527	RF Expander No: "NN" Zone Input 27
XYZ NN 528	XYZN528	RF Expander No: "NN" Zone Input 28
XYZ NN 529	XYZN529	RF Expander No: "NN" Zone Input 29
XYZ NN 530	XYZN530	RF Expander No: "NN" Zone Input 30
XYZ NN 531	XYZN531	RF Expander No: "NN" Zone Input 31
XYZ NN 532	XYZN532	RF Expander No: "NN" Zone Input 32
572 NN 5??	572N5??	ISO RF Expander Module No: "NN" System Zone Isolate ?? = Zone number

Common Event Codes (XYZ) for Zone Alarms

130	BUR	Burglary
137	TAM	Tamper
573	ISO	Isolate
110	FIR	Fire
373	TAM	Fire Zone Tamper
571	ISO	Fire Zone Isolate
140	ALR	General Zone Alarm
144	TAM	General Zone Tamper
e.g. 140 03 501	1403501	General Zone Alarm on RF Expander No: 3, Zone 1.

RF Expander Module System Input Alarms

145 NN 501	145N501	TAM	RF Expander No: "NN" Cabinet tamper.
302 NN 502	302N502	LBT	RF Expander No: "NN" Low Volts
384 NN 503	384N503	ALR	RF Expander No: "NN" Transmitter Low Battery
381 NN 504	381N504	ALR	RF Expander No: "NN" Transmitter Poll Fail
344 NN 505	344N505	ALR	RF Expander No: "NN" Transmitter Jam
143 NN 506	143N506	COM	RF Expander No: "NN" LAN Comms Problem
XYZ NN TPP			Message String
XYZ			Event Code
NN	N		Module number. (Up to 99)
			SIMSII uses 1-9 then A-Z. (Representing decimal 1 to 35)
T			Module Type. Type 5 = RF Expander Module.
PP			Zone number (point number)

NOTE:

In the 3000/Access 4000 system, the RF Expander Module is actually Type 12, but reports as Type 5 in SIMSII mapping. (Module Type 5 is the Wireless Network Module. It is extremely unlikely that RF Expanders and Wireless Network Modules would be used in the same system.)

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**T09. Contact ID
Access-1 Mapping Tables**

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Account No.	Event Code	Area No.	POINT	Description	Panel Input
				OPEN / CLOSE REPORTING	
				Refer to Table T03. Contact ID Messages. Open/Close Reports.	
				INPUT REPORTING	
	140	nn	1	Controller zone 1	C01:Z01
	140	nn	2	Controller zone 2	C01:Z02
			to	to	"
	140	nn	16	Controller zone 16	C01:Z16
	145	nn	17	Controller cabinet tamper	C01:S01
	145	nn	18	Controller internal siren tamper	C01:S02
	145	nn	19	Controller external siren tamper	C01:S03
	301	nn	20	Controller AC fail	C01:S04
	302	nn	21	Controller Low Battery	C01:S05
	140	nn	22	Controller Lan fuse tamper	C01:S06
	140	nn	23	Controller Detector fuse tamper	C01:S07
	143	nn	24	Controller Lan comms	C01:S08
	309	nn	25	Controller Battery test fail	C01:S09
	306	nn	26	Controller Checksum alteration	C01:S10
	305	nn	27	Controller system power on reset	C01:S11
	351	nn	28	Controller Phone line fault	C01:S12
	330	nn	29	Uart 1 fault	C01:S13
	330	nn	30	Uart 2 fault	C01:S14
	330	nn	31	Uart 3 fault	C01:S15
	330	nn	32	Uart 4 fault	C01:S16
	307	nn	33	Controller Self test fail	C01:S17
	602	nn	34	Controller Time report	C01:S18
	601	nn	35	Controller manual test report	C01:S19
	350	nn	36	Controller Comms backup	C01:S20
	354	nn	37	Controller Comms fail	C01:S21
	351	nn	38	Controller Phone	C01:S22
	140	nn	39	Controller Module substitution	C01:S23
	140	nn	40	Controller Pre-arm 1 Test Start	C01:S24
	140	nn	41	Controller Pre-arm 1 Test Fail	C01:S25
	140	nn	42	Controller Pre-arm 2 Test Start	C01:S26
	140	nn	43	Controller Pre-arm 2 Test Fail	C01:S27
	140	nn	44	Controller Request for Service	C01:S28
	140	nn	45	Controller Intelligent Reader problem	C01:S29
	140	nn	46	Controller GSM problem	C01:S30
	140	nn	47	Controller Expander Power Test	C01:S31
	140	nn	48	Controller Spare	C01:S32
		nn	99	Unmappable event	
	140	nn	100	LCD Terminal 1 Zone 1	T01:Z01
	140	nn	101	LCD Terminal 1 Zone 2	T01:Z02
	145	nn	102	LCD Terminal 1 Cabinet tamper	T01:S01
	120	nn	103	LCD Terminal 1 Panic	T01:S02
	420	nn	104	LCD Terminal 1 Door forced	T01:S03
	420	nn	105	LCD Terminal 1 Door open too long	T01:S04
	122	nn	106	LCD Terminal 1 Operator duress	T01:S05
	102	nn	107	LCD Terminal 1 Deadman	T01:S06
	421	nn	108	LCD Terminal 1 Too many tries	T01:S07
	143	nn	109	LCD Terminal 1 Lan comms status	T01:S08
				V	
	140	nn	110	LCD Terminal 2 Zone 1	T02:Z01
	140	nn	111	LCD Terminal 2 Zone 2	T02:Z02

Account No.	Event Code	Area No.	POINT	Description	Panel Input
			etc.	V	
				From LCD Terminal Number 1 to 9	
				V	
	140	nn	180	LCD Terminal 9 Zone 1	T09:Z01
	140	nn	181	LCD Terminal 9 Zone 2	T09:Z02
	145	nn	182	LCD Terminal 9 Cabinet tamper	T09:S01
	120	nn	183	LCD Terminal 9 Panic	T09:S02
	420	nn	184	LCD Terminal 9 Door forced	T09:S03
	420	nn	185	LCD Terminal 9 Door open too long	T09:S04
	122	nn	186	LCD Terminal 9 Operator duress	T09:S05
	102	nn	187	LCD Terminal 9 Deadman	T09:S06
	421	nn	188	LCD Terminal 9 Too many tries	T09:S07
	143	nn	189	LCD Terminal 9 Lan comms status	T09:S08
	145	nn	100	Touchscrn Term 1 Cabinet tamper	K01:S01
	120	nn	101	Touchscrn Term 1 Panic	K01:S02
	420	nn	102	Touchscrn Term 1 Door forced	K01:S03
	420	nn	103	Touchscrn Term 1 Door open too long	K01:S04
	122	nn	104	Touchscrn Term 1 Operator duress	K01:S05
	102	nn	105	Touchscrn Term 1 Deadman	K01:S06
	140	nn	106	Touchscrn Term 1 Too many tries	K01:S07
	143	nn	107	Touchscrn Term 1 Lan comms status	K01:S08
				V	
	145	nn	110	Touchscrn Term 2 Cabinet tamper	K02:S01
			etc.	V	
				From Touchscrn Term Number 1 to 9	
				V	
	145	nn	180	Touchscrn Term 9 Cabinet tamper	K09:S01
	120	nn	181	Touchscrn Term 9 Panic	K09:S02
	420	nn	182	Touchscrn Term 9 Door forced	K09:S03
	420	nn	183	Touchscrn Term 9 Door open too long	K09:S04
	122	nn	184	Touchscrn Term 9 Operator duress	K09:S05
	102	nn	185	Touchscrn Term 9 Deadman	K09:S06
	421	nn	186	Touchscrn Term 9 Too many tries	K09:S07
	143	nn	187	Touchscrn Term 9 Lan comms status	K09:S08
	140	nn	190	Big Expander 1 Zone 1	B01:Z01
	140	nn	191	Big Expander 1 Zone 2	B01:Z02
			to	to	to
	140	nn	205	Big Expander 1 Zone 16	B01:Z16
	140	nn	99	Big Expander 1 Zone 17	B01:Z17
				to	to
	140	nn	99	Big Expander 1 Zone 32	B01:Z32
	145	nn	206	Big Expander 1 cabinet tamper	B01:S01
	145	nn	207	Big Expander 1 internal siren tampers	B01:S02
	145	nn	208	Big Expander 1 external siren tampers	B01:S03
	301	nn	209	Big Expander 1 AC fail	B01:S04
	302	nn	210	Big Expander 1 Battery Low	B01:S05
	140	nn	211	Big Expander 1 Lan fuse tamper	B01:S06
	140	nn	212	Big Expander 1 Detector fuse tamper	B01:S07
	143	nn	213	Big Expander 1 Lan comms status	B01:S08
	309	nn	214	Big Expander 1 Battery test fail	B01:S09
	306	nn	215	Big Expander 1 spare	B01:S10
				V	
				From Big Expander 1 to 9	
				V	
	140	nn	398	Big Expander 9 Zone 1	B09:Z01

Account No.	Event Code	Area No.	POINT	Description	Panel Input
	140	nn	399	Big Expander 9 Zone 2	B09:Z02
			to	to	to
	140	nn	413	Big Expander 9 Zone 16	B09:Z16
	140	nn	99	Big Expander 9 Zone 17	B09:Z17
			to	to	to
	140	nn	99	Big Expander 9 Zone 32	B09:Z32
	145	nn	414	Big Expander 9 cabinet tamper	B09:S01
	145	nn	415	Big Expander 9 internal siren tampers	B09:S02
	145	nn	416	Big Expander 9 external siren tampers	B09:S03
	301	nn	417	Big Expander 9 AC fail	B09:S04
	302	nn	418	Big Expander 9 Battery Low	B09:S05
	140	nn	419	Big Expander 9 Lan fuse tamper	B09:S06
	140	nn	420	Big Expander 9 Detector fuse tamper	B09:S07
	143	nn	421	Big Expander 9 Lan comms status	B09:S08
	309	nn	422	Big Expander 9 Battery test fail	B09:S09
	306	nn	423	Big Expander 9 spare	B09:S10
	140	nn	190	Expander 1 Zone 1	E01:Z01
	140	nn	191	Expander 1 Zone 2	E01:Z02
			to	to	to
	140	nn	205	Expander 1 Zone 16	E01:Z16
	145	nn	206	Expander 1 cabinet tamper	E01:S01
	145	nn	207	Expander 1 internal siren tampers	E01:S02
	145	nn	208	Expander 1 external siren tampers	E01:S03
	301	nn	209	Expander 1 AC fail	E01:S04
	302	nn	210	Expander 1 Battery Low	E01:S05
	140	nn	211	Expander 1 Lan fuse tamper	E01:S06
	140	nn	212	Expander 1 Detector fuse tamper	E01:S07
	143	nn	213	Expander 1 Lan comms status	E01:S08
	309	nn	214	Expander 1 Battery test fail	E01:S09
	306	nn	215	Expander 1 spare	E01:S10
				V	
				From Zone Expander 1 to 9	
				V	
	140	nn	398	Expander 9 Zone 1	E09:Z01
	140	nn	399	Expander 9 Zone 2	E09:Z02
			to	to	to
	140	nn	413	Expander 9 Zone 16	E09:Z32
	145	nn	414	Expander 9 cabinet tamper	E09:S01
	145	nn	415	Expander 9 internal siren tampers	E09:S02
	145	nn	416	Expander 9 external siren tampers	E09:S03
	301	nn	417	Expander 9 AC fail	E09:S04
	302	nn	418	Expander 9 Battery Low	E09:S05
	140	nn	419	Expander 9 Lan fuse tamper	E09:S06
	140	nn	420	Expander 9 Detector fuse tamper	E09:S07
	143	nn	421	Expander 9 Lan comms status	E09:S08
	309	nn	422	Expander 9 Battery test fail	E09:S09
	306	nn	423	Expander 9 spare	E09:S10
	140	nn	190	Mini Expander 1 Zone 1	M01:Z01
	140	nn	191	Mini Expander 1 Zone 2	M01:Z02
			to	to	to
	140	nn	197	Mini Expander 1 Zone 8	M01:Z08
	302	nn	198	Mini Expander 1 Low Battery	M01:S01
	140	nn	199	Mini Expander 1 Zn1 Extra	M01:S02
	140	nn	200	Mini Expander 1 Zn2 Extra	M01:S03
	140	nn	201	Mini Expander 1 Zn3 Extra	M01:S04

Account No.	Event Code	Area No.	POINT	Description	Panel Input
	140	nn	202	Mini Expander 1 Zn4 Extra	M01:S05
	140	nn	203	Mini Expander 1 Zn5 Extra	M01:S06
	140	nn	204	Mini Expander 1 Zn6 Extra	M01:S07
	140	nn	205	Mini Expander 1 Zn7 Extra	M01:S08
	143	nn	206	Mini Expander 1 LAN Comms	M01:S09
				V	
				From Zone Expander 1 to 9	
				V	
	140	nn	398	Mini Expander 9 Zone 1	M09:Z01
	140	nn	399	Mini Expander 9 Zone 2	M09:Z02
			to	to	to
	140	nn	405	Mini Expander 9 Zone 8	M09:Z08
	302	nn	406	Mini Expander 9 Low Battery	M09:S01
	140	nn	407	Mini Expander 9 Zn1 Extra	M09:S02
	140	nn	408	Mini Expander 9 Zn2 Extra	M09:S03
	140	nn	409	Mini Expander 9 Zn3 Extra	M09:S04
	140	nn	410	Mini Expander 9 Zn4 Extra	M09:S05
	140	nn	411	Mini Expander 9 Zn5 Extra	M09:S06
	140	nn	412	Mini Expander 9 Zn6 Extra	M09:S07
	140	nn	413	Mini Expander 9 Zn7 Extra	M09:S08
	143	nn	414	Mini Expander 9 LAN Comms	M09:S09
	140	nn	424	Reader Module 1 Zone 1 Door 1	R01:Z01
	140	nn	425	Reader Module 1 Zone 2 REX button	R01:Z02
	140	nn	426	Reader Module 1 Zone 3 REN button	R01:Z03
	140	nn	427	Reader Module 1 Zone 4 spare	R01:Z04
	140	nn	428	Reader Module 1 Zone 5	R01:Z05
	140	nn	429	Reader Module 1 Zone 6	R01:Z06
	140	nn	430	Reader Module 1 Zone 7	R01:Z07
	140	nn	431	Reader Module 1 Zone 8	R01:Z08
	145	nn	432	Reader Module 1 Cabinet tamper	R01:S01
	302	nn	433	Reader Module 1 Low voltage	R01:S02
	140	nn	434	Reader Module 1 Door 1 forced	R01:S03
	140	nn	435	Reader Module 1 Door 1 open too long	R01:S04
	140	nn	436	Reader Module 1 Door 2 forced	R01:S05
	140	nn	437	Reader Module 1 Door 2 open too long	R01:S06
	140	nn	438	Reader Module 1 Illegal card either	R01:S07
	143	nn	439	Reader Module 1 Lan comms status	R01:S08
				V	
				From Reader module 1 to 36	
				V	
	140	nn	983	Reader Module 36 Zone 1 Door 1	R36:Z01
	140	nn	984	Reader Module 36 Zone 2 REX button	R36:Z02
	140	nn	985	Reader Module 36 Zone 3 REN button	R36:Z03
	140	nn	986	Reader Module 36 Zone 4 spare	R36:Z04
	140	nn	987	Reader Module 36 Zone 5	R36:Z05
	140	nn	989	Reader Module 36 Zone 6	R36:Z06
	140	nn	990	Reader Module 36 Zone 7	R36:Z07
	140	nn	991	Reader Module 36 Zone 8	R36:Z08
	145	nn	992	Reader Module 36 Cabinet tamper	R36:S01
	302	nn	993	Reader Module 36 Low voltage	R36:S02
	140	nn	994	Reader Module 36 Door 1 forced	R36:S03
	140	nn	995	Reader Module 36 Door 1 open too long	R36:S04
	140	nn	996	Reader Module 36 Door 2 forced	R36:S05
	140	nn	997	Reader Module 36 Door 2 open too long	R36:S06
	140	nn	998	Reader Module 36 Illegal card either	R36:S07
	143	nn	999	Reader Module 36 Lan comms status	R36:S08

Account No.	Event Code	Area No.	POINT	Description	Panel Input
	140	nn	190	SpreadNet 1 Zone 1	N01:Z01
	140	nn	191	SpreadNet 1 Zone 2	N01:Z02
			to	to	to
	140	nn	205	SpreadNet 1 Zone 16	N01:Z16
	353	nn	206	SpreadNet 1 Timeout	N01:S01
	356	nn	207	SpreadNet 1 Low Battery	N01:S02
	140	nn	208	SpreadNet 1 Spare	N01:S03
	140	nn	209	SpreadNet 1 Spare	N01:S04
				V	
				From SpreadNet Module 1 to 9	
				V	
	140	nn	398	SpreadNet 9 Zone 1	N01:Z01
	140	nn	399	SpreadNet 9 Zone 2	N01:Z02
			to	to	to
	140	nn	413	SpreadNet 9 Zone 16	N01:Z16
	353	nn	414	SpreadNet 9 Timeout	N01:S01
	356	nn	415	SpreadNet 9 Low Battery	N01:S02
	140	nn	416	SpreadNet 9 Spare	N01:S03
	140	nn	417	SpreadNet 9 Spare	N01:S04
	140	nn	99	All Intell 4 Dr Access Mod Zones	Inn:Znn
	145	nn	99	Intell 4 Dr Acc Mod Lock Tamper D1	Inn:S01
	145	nn	99	Intell 4 Dr Acc Mod Lock Tamper D2	Inn:S02
	145	nn	99	Intell 4 Dr Acc Mod Lock Tamper D3	Inn:S03
	145	nn	99	Intell 4 Dr Acc Mod Lock Tamper D4	Inn:S04
	140	nn	99	Intell 4 Dr Acc Mod Door Forced D1	Inn:S05
	140	nn	99	Intell 4 Dr Acc Mod Door Forced D2	Inn:S06
	140	nn	99	Intell 4 Dr Acc Mod Door Forced D3	Inn:S07
	140	nn	99	Intell 4 Dr Acc Mod Door Forced D4	Inn:S08
	140	nn	99	Intell 4 Dr Acc Mod DOTL Door 1	Inn:S09
	140	nn	99	Intell 4 Dr Acc Mod DOTL Door 2	Inn:S10
	140	nn	99	Intell 4 Dr Acc Mod DOTL Door 3	Inn:S11
	140	nn	99	Intell 4 Dr Acc Mod DOTL Door 4	Inn:S12
	140	nn	99	Intell 4 Dr Acc Mod Invalid Card Door 1	Inn:S13
	140	nn	99	Intell 4 Dr Acc Mod Invalid Card Door 2	Inn:S14
	140	nn	99	Intell 4 Dr Acc Mod Invalid Card Door 3	Inn:S15
	140	nn	99	Intell 4 Dr Acc Mod Invalid Card Door 4	Inn:S16
	145	nn	99	Intell 4 Dr Acc Mod Cabinet Tamper	Inn:S17
	140	nn	99	Intell 4 Dr Acc Mod Gen Lock Fault	Inn:S18
	309	nn	99	Intell 4 Dr Acc Mod Battery Test Fail	Inn:S19
	301	nn	99	Intell 4 Dr Acc Mod AC Fail	Inn:S20
	302	nn	99	Intell 4 Dr Acc Mod Low Battery	Inn:S21
	140	nn	99	Intell 4 Dr Acc Mod LAN Fuse	Inn:S22
	140	nn	99	Intell 4 Dr Acc Mod Detector Fuse	Inn:S23
	143	nn	99	Intell 4 Dr Acc Mod LAN Comms Fail	Inn:S24
	140	nn	99	All Analogue Module Inputs	Qnn:Znn
	145	nn	99	All Analogue Module Cabinet Tamper	Qnn:S01
	302	nn	99	All Analogue Module Low Volts	Qnn:S02
	143	nn	99	All Analogue Module LAN Comms	Qnn:S03
	140	nn	99	All LAN Pwr Supp Module Zone Inputs	Pnn:Znn
	145	nn	99	All LAN PS Module Cabinet Tamper	Pnn:S01
	301	nn	99	All LAN PS Module AC Fail	Pnn:S02
	302	nn	99	All LAN PS Module Low Batt	Pnn:S03
	140	nn	99	All LAN PS Module Batt Fail	Pnn:S04

Account No.	Event Code	Area No.	POINT	Description	Panel Input
	140	nn	99	All LAN PS Module Detector Fuse	Pnn:S05
	140	nn	99	All LAN PS Module LAN Fuse	Pnn:S06
	140	nn	99	All LAN PS Module Batt Fuse	Pnn:S07
	140	nn	99	All LAN PS Module Aux 2 Fuse	Pnn:S08
	145	nn	99	All LAN PS Module Aux 2 Tamper	Pnn:S09
	140	nn	99	All LAN PS Module Det Over-current	Pnn:S10
	140	nn	99	All LAN PS Module Batt Over-current	Pnn:S11
	140	nn	99	All LAN PS Module Over Volts	Pnn:S12
	140	nn	99	All LAN PS Module Low Volts	Pnn:S13
	330	nn	99	All LAN PS Module Slave Fail	Pnn:S14
	309	nn	99	All LAN PS Module Batt Test Fail	Pnn:S15
	143	nn	99	All LAN PS Module LAN Comms	Pnn:S16
	140	nn	190	RF Expander Module Zone 1	F01:Z01
	140	nn	191	RF Expander Module Zone 2	F01:Z02
			to	to	to
	140	nn	205	RF Expander Module Zone 16	F01:Z16
	140	nn	99	RF Expander Module Zone 17 to 32	F01:Znn
	145	nn	206	RF Exp Module Cabinet Tamper	F01:S01
	302	nn	207	RF Exp Module Low Volts	F01:S02
	384	nn	208	RF Exp Module Tx Low Batt	F01:S03
	381	nn	209	RF Exp Module Tx Poll Fail	F01:S04
	344	nn	210	RF Exp Module Tx Jam	F01:S05
	143	nn	211	RF Exp Module LAN Comms	F01:S06
				V	
				From RF Exp Module 1 to 30	
				V	
	140	nn	398	RF Expander Module Zone 1	F09:Z01
	140	nn	399	RF Expander Module Zone 2	F09:Z02
			to	to	to
	140	nn	413	RF Expander Module Zone 16	F09:Z16
	140	nn	99	RF Expander Module Zone 17 to 32	F09:Znn
	145	nn	414	RF Exp Module Cabinet Tamper	F09:S01
	302	nn	415	RF Exp Module Low Volts	F09:S02
	384	nn	416	RF Exp Module Tx Low Batt	F09:S03
	381	nn	417	RF Exp Module Tx Poll Fail	F09:S04
	344	nn	418	RF Exp Module Tx Jam	F09:S05
	143	nn	419	RF Exp Module LAN Comms	F09:S06

T10. Securitel Serial Channel Maps

SERIAL CHANNEL MAPS

All reports are sent as 2 digit pairs, up to 4 per poll. The tables below explain how these 2 bytes are used:

Opening/Closing Report First Digits

The 1st digit is used to report what Area is being opened or closed:

Decimal	Hex	Meaning
49	\$31	General Opening.
50 to 79	\$32 to \$4f	Opening of an Area between 01 and 30 inclusive.
80	\$50	Opening of an Area between 31 and 250 inclusive.
81	\$51	General Closing.
82	\$52 to \$6f	Closing of an Area between 01 and 30 inclusive.
112	\$70	Closing of an Area between 31 and 250 inclusive.

The general O/C Input will be used if the Securitel option "[G]eneral Open/Close" flag is set. A general opening will occur whenever an Area programmed for openings is turned off. A general closing will occur if all Areas that are programmed for closings and do not have the "[N]ot a general Area" flag set are on.

Opening/Closing Report Second Digits

The 2nd digit is used to report User ID information:

Decimal	Hex	Meaning
000	\$00	Poll response (Not implemented yet)
001 to 238	\$01 to \$ee	Users 001 to 238
239	\$ef	Users > 239
240	\$f0	System Reset
241	\$f1	TimeZone
242	\$f2	Function Zone
243	\$f3	IRfast / EarthNet Comms Task
244	\$f4	Calculated Auxiliary
245	\$f5	Unidentified User (GSM Modem Comms Task / Home Aux "Toggle from keypad" / "Any Card" card entry mode)
246	\$f6	Accept Comms Task
247	\$f7	DTMF Control (via "Answer Call" or "IModem" Comms Task)
248	\$f8	Timer. (Area Defer Timer)
249	\$f9	Insight Comms Task
250 to 255	\$fa to \$ff	Expansion

Alarm Report First Digits

Decimal	Hex	Meaning
006	\$06	New Alarm
008	\$08	Alarm Restore
014	\$0e	New Tamper
016	\$10	Tamper Restore
022	\$16	New Isolate
024	\$18	Isolate Restore

Control Module Alarm Report Second Digits

Decimal	Hex	Meaning
001 - 016	\$01 to \$10	Control Zones
017	\$11	Cabinet tamper
018	\$12	Internal siren tamper.
019	\$13	External siren tamper.
020	\$14	AC fail
021	\$15	Low battery.
022	\$16	LAN fuse tamper
023	\$17	Detector fuse tamper
024	\$18	LAN Comms status
025	\$19	Battery test fail
026	\$1a	Checksum alteration
027	\$1b	System power on reset.
028	\$1c	Phone Line Fail when required
029	\$1d	UART 1 problems
030	\$1e	UART 2 problems
031	\$1f	UART 3 problems
032	\$20	UART 4 problems
033	\$21	Zone self test fail
034	\$22	Time report
035	\$23	Manual trigger
036	\$24	Comms Backup
037	\$25	Comms Fail
038	\$26	Phone Line Fail when idle
039	\$27	Module Substitution
040	\$28	Pre-Arm 1 Test Start (on Odd Area)
041	\$29	Pre-Arm 1 Test Fail (on Odd Area)
042	\$2a	Pre-Arm 2 Test Start (on Even Area)
043	\$2b	Pre-Arm 2 Test Fail (on Even Area)
044	\$2c	Request Service.
045	\$2d	Intelligent Reader Module Problem
046	\$2e	GSM Modem Problem
047	\$2f	Expander Power Test. (Expander Manual Battery Test enabled)
048	\$30	Not assigned.

General Alarm Report Second Digits

Decimal	Hex	Meaning
049	\$31	General LCD Cabinet tamper
050	\$32	General LCD Panic
051	\$33	General LCD Door Forced
052	\$34	General LCD Door Open
053	\$35	General LCD Duress
054	\$36	General LCD Deadman
055	\$37	General LCD PIN Attempts
056	\$38	General LCD LAN Fail
057	\$39	General LED Cabinet tamper
058	\$3a	General LED Panic
059	\$3b	General LED Door Forced
060	\$3c	General LED Door Open
061	\$3d	General LED Duress
062	\$3e	General LED Deadman
063	\$3f	General LED PIN Attempts
064	\$40	General LED LAN Fail
065	\$41	General Expander Cabinet tamper
066	\$42	General Expander Int. Siren Tamper
067	\$43	General Expander Ext. Siren Tamper
068	\$44	General Expander AC Fail
069	\$45	General Expander Low Battery
070	\$46	General Expander LAN Fuse Failure
071	\$47	General Expander Detector. Fuse Failure
072	\$48	General Expander LAN Fail
073	\$49	General Expander Battery test
074	\$4a	Not Used
075	\$4b	General Reader Cabinet tamper
076	\$4c	General Reader Low Volts
077	\$4d	General Reader Door Forced
078	\$4e	General Reader Door Open
079	\$4f	General Reader Spare
080	\$50	General Reader1 Card Attempts
081	\$51	General Reader2 Card Attempts
082	\$52	General Reader LAN Fail
083 - 100	\$53 to \$64	Not Used

External Module Zone Alarm Second Digits

Decimal	Hex	Meaning
101 - 116	\$65 to \$74	Big Expander #1 first 16 Zones
117 - 132	\$75 to \$84	Big Expander #2 first 16 Zones
133 - 148	\$85 to \$94	Big Expander #3 first 16 Zones
149 - 164	\$95 to \$a4	Big Expander #4 first 16 Zones
165 - 180	\$a5 to \$b4	Big Expander #5 first 16 Zones
181 - 196	\$b5 to \$c4	Big Expander #6 first 16 Zones
197 - 204	\$c5 to \$cc	Terminal #001 to #008, Zone #1s
205 - 212	\$cd to \$d4	Reader #001 to #008, Zone #1s
213 - 221	\$d5 to \$dd	Not Used
222	\$de	Area Still Open.
223	\$df	Area 24Hour Off.
224 - 253	\$e0 to \$fd	General Area Zone Alarm, Areas 1 to 30 (No Restores)
254	\$fe	General Zone Alarm, Area > 30 (No Restores)
255	\$ff	Event unable to be mapped

NOTES:

- 1) Big Expander (32 Zone Expander) is Module Type 3.
- 2) Zones on the following Modules will only be reported as General Area Zone Alarms:
 - LCD Terminals -Zone 2 on all LCD Terminals
-All Zones on LCD Terminals #9 and above.
 - Touchscreen Term -All Zones
 - Big Expanders -Zones 17 to 32 on all Big Expanders.
-All Zones on Big Expanders #7 and above.
 - Reader Modules -Zones 2 to 8 on all Reader Modules.
-All Zones on Reader Modules #9 and above.
 - Wireless Network -All Zones
 - Mini Expanders -All Zones
 - 16Z Expanders -All Zones
 - Intelligent Readers -All Zones
 - Analogue Modules -All Zones
 - LAN Pwr Supplies -All Zones
 - RF Expanders -All Zones

T11. SIA Messages

Block Types

The Block Types used by the Model 3000/Access 4000 are as follows:

Block Type	Sent by TX	Sent by RX	Block Code	Description
System	Yes	Yes	0	End of data
Information	Yes		N	Event (New)
Special	Yes	Yes	#	Account ID
Special	Yes	Yes	A	ASCII text

Modifiers

The Modifiers used by the Model 3000/Access 4000 are as follows:

Modifier	Syntax	Description	Use
ri	riAAA	Area number	Display Area associated with event.
ai	aiQ	Automated ID	Mechanism causing Open/Close.
pi	piNNNN	Peripheral ID	Module Type and Number.
ti	tiHH:MM:SS	Time	RTC stamp from Review log.

Event Data

The following table provides a summary of the Data Codes, Modifiers and ASCII text used for various events in the Model 3000/Access 4000:

Event Type	"N" Event Block Data Code	Modifier	ASCII Block
Account	# <prefix> <client code>		
Opening by User	OP <user>	ri <area>	A=Area name U=User name
Closing by User	CL <user>	ri <area>	A=Area name U=User name
Automatic Opening	OA <area>	ai <reason>	A=Area name U=User name
Automatic Closing	CA <area>	ai <reason>	A=Area name U=User name
Zone Alarm	<type> <address>	ri <area>	A=Area name I=Input name
Zone Alarm Restore	<type> <address>	ri <area>	A=Area name I=Input name
Zone Tamper	TA <address>	ri <area>	A=Area name I=Input name
Zone Tamper Restore	TR <address>	ri <area>	A=Area name I=Input name
Zone Isolate	<type> <address>	ri <area>	A=Area name I=Input name
Zone Isolate Restore	<type> <address>	ri <area>	A=Area name I=Input name
System Input Alarm	<system> OR <system> <address>	pi <module>	A=Area name I=Input name
System Input Restore	<system> OR <system> <address>	pi <module>	A=Area name I=Input name
System Isolate	<system> OR <system> <address>	pi <module>	A=Area name I=Input name
System Isolate Restore	<system> OR <system> <address>	pi <module>	A=Area name I=Input name

See the following tables for details.

Users

This table shows the User mapping used by the Model 3000/Access 4000 in the <user> field:

User Number	User
0001 to 9989	User 1 to User 9989
9990 to 9997	Automatic
9998	Unknown Automatic
9999	User number >9989. i.e. User 9990 and above.

Open/Close Mechanism

This table describes the “Mechanism” for Open Close used by the Model 3000/Access 4000 in the <reason> field:

Reason	Mechanism
1	System
2	Time Zone
3	Function Zone (e.g. Keyswitch Zone)
4	Comms Task (Remote)
5 to 9	Spare for expansion.

Module

The <module> field identifies the Module Type and Module Number as follows:

- The first 2 digits identify the Module Type according to the table below.
- The second 2 digits identify the Module number, 01 to 99.

e.g. 0812 represents an Event from Intelligent Reader Module No. 12.

Module Type		Module	Module Type		Module
0	C	Control Module	8	I	Intelligent 4 Door Access Module
1	T	LCD Terminal	9	Q	Analogue Module
2	K	Touchscreen Terminal	10		Spare
3	B	Expander 32 Zone	11	P	LAN Power Supply Module
4	R	Reader Module (1 or 2 Door)	12	F	RF Expander Module
5	N	Wireless	13		Spare
6	M	Expander 8 Zone	14		Spare
7	E	Expander 16 Zone	15		Spare

Zone Input Block Codes

The table below shows the Block Codes used for Zone Input Events.

The Block Code will be determined by the SIA Type programmed in the Process Group that is assigned to the Zone Input. All default Process Groups have an appropriate SIA Type assigned. The default setting can be changed if required and additional Process Groups can be programmed to cater for SIA Types that are not included in the defaults.

SIA Type	Description	Block Code					
		Alarm	Alarm Restore	Tamper	Tamper Restore	Isolate	Isolate Restore
0	Untyped	UA	UR	TA	TR	UB	UU
1	Burglary	BA	BR	TA	TR	BB	BU
2	Fire	FA	FR	TA	TR	FB	FU
3	Gas	GA	GR	TA	TR	GB	GU
4	Holdup	HA	HR	TA	TR	HB	HU
5	Heat	KA	KR	TA	TR	KB	KU
6	Medical	MA	MR	TA	TR	MB	MU
7	Panic	PA	PR	TA	TR	PB	PU
8	Emergency	QA	QR	TA	TR	QB	QU
9	Sprinkler	SA	SR	TA	TR	SB	SU
10	Water	WA	WR	TA	TR	WB	WU
11	Freezer	ZA	ZR	TA	TR	ZB	ZU

System Input Block Codes & Address Field mapping

Details of System Input Block Codes and Address Field mapping for HEX and Decimal Address fields are provided in the following separate documents:

- T12 SIA System I/P Block Codes.
- T13 SIA HEX Address Field Mapping.
- T14 SIA Decimal Address Field Mapping.

T12 - SIA SYSTEM INPUT BLOCK CODES						
		Alarm Code	Alarm Restore	Isolate Code	Isolate Restore	Address Field
Control Module	C					
Cabinet tamp	S01	TA	TR	TB	TU	Y
Int siren tamp	S02	YA	YH	TB	TU	
Ext siren tamp	S03	YA	YH	TB	TU	
AC fail.	S04	AT	AR	UB	UU	
Low batt.	S05	YT	YR	UB	UU	
LAN fuse	S06	YP	YQ	UB	UU	
Det fuse	S07	YP	YQ	UB	UU	
Lan Comms	S08			UB	UU	
Batt test fail	S09	IA	IR	UB	UU	Y
Checksum	S10	YF		UB	UU	
Reset.	S11	RR		UB	UU	
Line Fail	S12	LT	LR	UB	UU	Y
Uart 1 problem	S13	NT	NR	UB	UU	Y
Uart 2 problem	S14	NT	NR	UB	UU	Y
Uart 3 problem	S15	NT	NR	UB	UU	Y
Uart 4 problem	S16	NT	NR	UB	UU	Y
Zone Self Test fail	S17	NA	NS	UB	UU	Y
Time Report	S18	RP		UB	UU	
Manual trigger	S19	RX		UB	UU	
Comms Backup	S20	NC	NR	UB	UU	Y
Comms Fail.	S21	NT	NR	UB	UU	Y
Phone Fault	S22	LT	LR	UB	UU	Y
Module Substitution	S23	UA	UH	UB	UU	Y
PreArm 1 start	S24	UA	UH	UB	UU	Y
PreArm 1 fail	S25	UA	UH	UB	UU	Y
PreArm 2 start	S26	UA	UH	UB	UU	Y
PreArm 2 fail	S27	UA	UH	UB	UU	Y
Request service	S28	YX		UB	UU	
IRDR problem	S29	YF		UB	UU	
GSM problem	S30	UA	UR	UB	UU	Y
Expander pwr test	S31	UA	UR	UB	UU	Y
Spare	S32	UA	UR	UB	UU	Y
LCD	T					
Cabinet tamper	S01	TA	TR	TB	TU	Y
Panic	S02	PA	PR	PB	PU	Y
Door Forced	S03	DF	DR	UB	UU	Y
Door Held	S04	DL	DH	UB	UU	Y
Duress	S05	HA	HH	HB	HU	Y
Deadman	S06					Y
Too many tries	S07	JA		UB	UU	Y
LAN fail.	S08	EM	EN	UB	UU	Y
Touchscreen Term	K					
Cabinet tamper	S01	TA	TR	TB	TU	Y
Panic	S02	PA	PR	PB	PU	Y
Door Forced	S03	DF	DR	UB	UU	Y
Door Held	S04	DL	DH	UB	UU	Y
Duress	S05	HA	HH	HB	HU	Y
Deadman	S06					Y
Too many tries	S07	JA		UB	UU	Y
LAN fail.	S08	EM	EN	UB	UU	Y

		Alarm Code	Alarm Restore	Isolate Code	Isolate Restore	Address Field
Exp 32 Zone	B					
Cabinet tamper	S01	TA	TR	TB	TU	Y
Int siren tamper	S02	YA	YH	TB	TU	
Ext siren tamper	S03	YA	YH	TB	TU	
AC fail.	S04	AT	AR	UB	UU	
Low battery.	S05	YT	YR	UB	UU	
LAN fuse	S06	YP	YQ	UB	UU	
Detector fuse	S07	YP	YQ	UB	UU	
LAN fail	S08	EM	EN	UB	UU	Y
Batt test fail	S09	IA	IR	UB	UU	Y
Spare	S10					
Reader	R					
Cabinet tamper	S01	TA	TR	TB	TU	Y
Low Voltage	S02	YT	YR	UB	UU	
Door 1 Forced	S03	DF	DR	UB	UU	Y
Door 1 Held	S04	DL	DH	UB	UU	Y
Door 2 Forced	S05	DF	DR	UB	UU	Y
Door 2 Held	S06	DL	DH	UB	UU	Y
Illegal Card	S07	DD	DR	UB	UU	Y
LAN fail.	S08	EM	EN	UB	UU	Y
Wireless	N					
Transmitter Timeout	S01	NA	NS	UB	UU	Y
Low Battery	S02	XT	XR	UB	UU	
Spare	S03					
Spare	S04					
Exp 8 Zone	M					
Low Volts.	S01	YT	YR	UB	UU	
Zone 1 Extra	S02	UA	UR	UB	UU	Y
Zone 2 Extra	S03	UA	UR	UB	UU	Y
Zone 3 Extra	S04	UA	UR	UB	UU	Y
Zone 4 Extra	S05	UA	UR	UB	UU	Y
Zone 5 Extra	S06	UA	UR	UB	UU	Y
Zone 6 Extra	S07	UA	UR	UB	UU	Y
Zone 7 Extra	S08	UA	UR	UB	UU	Y
LAN fail	S09	EM	EN	UB	UU	Y
Exp 16 Zone	E					
Cabinet tamper	S01	TA	TR	TB	TU	Y
Int siren tamper	S02	YA	YH	TB	TU	
Ext siren tamper	S03	YA	YH	TB	TU	
AC fail.	S04	AT	AR	UB	UU	
Low battery.	S05	YT	YR	UB	UU	
LAN fuse	S06	YP	YQ	UB	UU	
Detector fuse	S07	YP	YQ	UB	UU	
LAN fail	S08	EM	EN	UB	UU	Y
Batt test fail	S09	IA	IR	UB	UU	Y
Spare	S10					

		Alarm Code	Alarm Restore	Isolate Code	Isolate Restore	Address Field
Int. Reader	I					
Lock tamer D1	S01	IA	IR	UB	UU	Y
Lock tamper D2	S02	IA	IR	UB	UU	Y
Lock tamper D3	S03	IA	IR	UB	UU	Y
Lock tamper D4	S04	IA	IR	UB	UU	Y
Door Forced D1	S05	DF	DR	UB	UU	Y
Door Forced D2	S06	DF	DR	UB	UU	Y
Door Forced D3	S07	DF	DR	UB	UU	Y
Door Forced D4	S08	DF	DR	UB	UU	Y
Door Held D1	S09	DL	DH	UB	UU	Y
Door Held D2	S10	DL	DH	UB	UU	Y
Door Held D3	S11	DL	DH	UB	UU	Y
Door Held D4	S12	DL	DH	UB	UU	Y
Illegal Card D1	S13	DD	DR	UB	UU	Y
Illegal Card D2	S14	DD	DR	UB	UU	Y
Illegal Card D3	S15	DD	DR	UB	UU	Y
Illegal Card D4	S16	DD	DR	UB	UU	Y
Cabinet tamper	S17	TA	TR	TB	TU	Y
General lock fault	S18	IA	IR	UB	UU	Y
Batt test fail	S19	IA	IR	UB	UU	Y
AC fail.	S20	AT	AR	UB	UU	
Low battery.	S21	YT	YR	UB	UU	
LAN fuse	S22	YP	YQ	UB	UU	
Detector fuse	S23	YP	YQ	UB	UU	
LAN fail	S24	EM	EN	UB	UU	Y
Analogue	Q					
Cabinet tamper	S01	TA	TR	TB	TU	Y
Low Volts	S02	YT	YR	UB	UU	
LAN fail	S03	EM	EN	UB	UU	Y
LAN Pwr Sup	P					
Cabinet tamper	S01	TA	TR	TB	TU	Y
AC fail.	S02	AT	AR	UB	UU	
Low battery.	S03	YT	YR	UB	UU	
Battery Fail	S04	YP	YQ	UB	UU	
Detector fuse	S05	YP	YQ	UB	UU	
LAN fuse	S06	YP	YQ	UB	UU	
Battery Fuse	S07	YP	YQ	UB	UU	
Aux 2 Fuse	S08	YP	YQ	UB	UU	
Aux 2 Tamper	S09	TA	TR	TB	TU	Y
Det Over Current	S10	YI	YJ	UB	UU	
Batt Over Current	S11	YI	YJ	UB	UU	
Over Volts	S12	YP	YQ	UB	UU	
Low Volts	S13	YP	YQ	UB	UU	
Slave Fail	S14	YP	YQ	UB	UU	
Batt test fail	S15	IA	IR	UB	UU	
LAN fail	S16	EM	EN	UB	UU	Y

		Alarm Code	Alarm Restore	Isolate Code	Isolate Restore	Address Field
RF Expander	F					
Cabinet Tamper	S01	TA	TR	TB	TU	Y
Low Volts	S02	YT	YR	UB	UU	
Transmitter Low Batt	S03	XT	XR	UB	UU	
Transmitter Timeout	S04	NA	NS	UB	UU	Y
Transmitter Jam	S05	NA	NS	UB	UU	Y
LAN fail	S06	EM	EN	UB	UU	Y

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Control	C																															
Z01		0001																														
Z02		0002																														
Z03		0003																														
Z04		0004																														
Z05		0005																														
Z06		0006																														
Z07		0007																														
Z08		0008																														
Z09		0009																														
Z10		000A																														
Z11		000B																														
Z12		000C																														
Z13		000D																														
Z14		000E																														
Z15		000F																														
Z16		0010																														
Cab tamp	S01	0011																														
Int sir tamp	S02	0012																														
Ext sir tamp	S03	0013																														
AC fail.	S04	0014																														
Low batt.	S05	0015																														
LAN fuse	S06	0016																														
Det fuse	S07	0017																														
Lan Com	S08	0018																														
Batt test fail	S09	0019																														
Checksum	S10	001A																														
Reset.	S11	001B																														
Line Fail	S12	001C																														
Uart 1	S13	001D																														
Uart 2	S14	001E																														
Uart 3	S15	001F																														
Uart 4	S16	0020																														
Zone SelfTest	S17	0021																														
Time Report	S18	0022																														
Manual trigger	S19	0023																														
Comms B'up	S20	0024																														
Comms Fail.	S21	0025																														
Phone Fault	S22	0026																														
Module Subst	S23	0027																														
PreArm 1 start	S24	0028																														
PreArm 1 fail	S25	0029																														
PreArm 2 start	S26	002A																														
PreArm 2 fail	S27	002B																														
Req service	S28	002C																														
IRDR problem	S29	002D																														
GSM problem	S30	002E																														
Exp pwr test	S31	002F																														
Spare	S32	0030																														

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LCD	T																															
Z01		0031	003B	0045	004F	0059	0063	006D	0077	0081	008B	0095	009F	00A9	00B3	00BD	00C7	00D1	00DB	00E5	00EF	00F9	0103	010D	0117	0121	012B	0135	013F	0149	0153	015D
Z02		0032	003C	0046	0050	005A	0064	006E	0078	0082	008C	0096	00A0	00AA	00B4	00BE	00C8	00D2	00DC	00E6	00F0	00FA	0104	010E	0118	0122	012C	0136	0140	014A	0154	015E
Cabinet tamp	S01	0033	003D	0047	0051	005B	0065	006F	0079	0083	008D	0097	00A1	00AB	00B5	00BF	00C9	00D3	00DD	00E7	00F1	00FB	0105	010F	0119	0123	012D	0137	0141	014B	0155	015F
Panic	S02	0034	003E	0048	0052	005C	0066	0070	007A	0084	008E	0098	00A2	00AC	00B6	00C0	00CA	00D4	00DE	00E8	00F2	00FC	0106	0110	011A	0124	012E	0138	0142	014C	0156	0160
Door Forced	S03	0035	003F	0049	0053	005D	0067	0071	007B	0085	008F	0099	00A3	00AD	00B7	00C1	00CB	00D5	00DF	00E9	00F3	00FD	0107	0111	011B	0125	012F	0139	0143	014D	0157	0161
Door Held	S04	0036	0040	004A	0054	005E	0068	0072	007C	0086	0090	009A	00A4	00AE	00B8	00C2	00CC	00D6	00E0	00EA	00F4	00FE	0108	0112	011C	0126	0130	013A	0144	014E	0158	0162
Duress	S05	0037	0041	004B	0055	005F	0069	0073	007D	0087	0091	009B	00A5	00AF	00B9	00C3	00CD	00D7	00E1	00EB	00F5	00FF	0109	0113	011D	0127	0131	013B	0145	014F	0159	0163
Deadman	S06	0038	0042	004C	0056	0060	006A	0074	007E	0088	0092	009C	00A6	00B0	00BA	00C4	00CE	00D8	00E2	00EC	00F6	0100	010A	0114	011E	0128	0132	013C	0146	0150	015A	0164
Too many tries	S07	0039	0043	004D	0057	0061	006B	0075	007F	0089	0093	009D	00A7	00B1	00BB	00C5	00CF	00D9	00E3	00ED	00F7	0101	010B	0115	011F	0129	0133	013D	0147	0151	015B	0165
LAN fail.	S08	003A	0044	004E	0058	0062	006C	0076	0080	008A	0094	009E	00A8	00B2	00BC	00C6	00D0	00DA	00E4	00EE	00F8	0102	010C	0116	0120	012A	0134	013E	0148	0152	015C	0166
Touchscreen	K																															
Cabinet tamp	S01	040F	0417	041F	0427	042F	0437	043F	0447	044F	0457	045F	0467	046F	0477	047F	0487	048F	0497	049F	04A7	04AF	04B7	04BF	04C7	04CF	04D7	04DF	04E7	04EF	04F7	04FF
Panic	S02	0410	0418	0420	0428	0430	0438	0440	0448	0450	0458	0460	0468	0470	0478	0480	0488	0490	0498	04A0	04A8	04B0	04B8	04C0	04C8	04D0	04D8	04E0	04E8	04F0	04F8	0500
Door Forced	S03	0411	0419	0421	0429	0431	0439	0441	0449	0451	0459	0461	0469	0471	0479	0481	0489	0491	0499	04A1	04A9	04B1	04B9	04C1	04C9	04D1	04D9	04E1	04E9	04F1	04F9	0501
Door Held	S04	0412	041A	0422	042A	0432	043A	0442	044A	0452	045A	0462	046A	0472	047A	0482	048A	0492	049A	04A2	04AA	04B2	04BA	04C2	04CA	04D2	04DA	04E2	04EA	04F2	04FA	0502
Duress	S05	0413	041B	0423	042B	0433	043B	0443	044B	0453	045B	0463	046B	0473	047B	0483	048B	0493	049B	04A3	04AB	04B3	04BB	04C3	04CB	04D3	04DB	04E3	04EB	04F3	04FB	0503
Deadman	S06	0414	041C	0424	042C	0434	043C	0444	044C	0454	045C	0464	046C	0474	047C	0484	048C	0494	049C	04A4	04AC	04B4	04BC	04C4	04CC	04D4	04DC	04E4	04EC	04F4	04FC	0504
Too many tries	S07	0415	041D	0425	042D	0435	043D	0445	044D	0455	045D	0465	046D	0475	047D	0485	048D	0495	049D	04A5	04AD	04B5	04BD	04C5	04CD	04D5	04DD	04E5	04ED	04F5	04FD	0505
LAN fail.	S08	0416	041E	0426	042E	0436	043E	0446	044E	0456	045E	0466	046E	0476	047E	0486	048E	0496	049E	04A6	04AE	04B6	04BE	04C6	04CE	04D6	04DE	04E6	04EE	04F6	04FE	0506
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T																																		
Z01	0167	0171	017B	0185	018F	0199	01A3	01AD	01B7	01C1	01CB	01D5	01DF	01E9	01F3	01FD	0207	0211	021B	0225	022F	0239	0243	024D	0257	0261	026B	0275	027F	0289	0293	029D	02A7	02B1
Z02	0168	0172	017C	0186	0190	019A	01A4	01AE	01B8	01C2	01CC	01D6	01E0	01EA	01F4	01FE	0208	0212	021C	0226	0230	023A	0244	024E	0258	0262	026C	0276	0280	028A	0294	029E	02A8	02B2
S01	0169	0173	017D	0187	0191	019B	01A5	01AF	01B9	01C3	01CD	01D7	01E1	01EB	01F5	01FF	0209	0213	021D	0227	0231	023B	0245	024F	0259	0263	026D	0277	0281	028B	0295	029F	02A9	02B3
S02	016A	0174	017E	0188	0192	019C	01A6	01B0	01BA	01C4	01CE	01D8	01E2	01EC	01F6	0200	020A	0214	021E	0228	0232	023C	0246	0250	025A	0264	026E	0278	0282	028C	0296	02A0	02AA	02B4
S03	016B	0175	017F	0189	0193	019D	01A7	01B1	01BB	01C5	01CF	01D9	01E3	01ED	01F7	0201	020B	0215	021F	0229	0233	023D	0247	0251	025B	0265	026F	0279	0283	028D	0297	02A1	02AB	02B5
S04	016C	0176	0180	018A	0194	019E	01A8	01B2	01BC	01C6	01D0	01DA	01E4	01EE	01F8	0202	020C	0216	0220	022A	0234	023E	0248	0252	025C	0266	0270	027A	0284	028E	0298	02A2	02AC	02B6
S05	016D	0177	0181	018B	0195	019F	01A9	01B3	01BD	01C7	01D1	01DB	01E5	01EF	01F9	0203	020D	0217	0221	022B	0235	023F	0249	0253	025D	0267	0271	027B	0285	028F	0299	02A3	02AD	02B7
S06	016E	0178	0182	018C	0196	01A0	01AA	01B4	01BE	01C8	01D2	01DC	01E6	01F0	01FA	0204	020E	0218	0222	022C	0236	0240	024A	0254	025E	0268	0272	027C	0286	0290	029A	02A4	02AE	02B8
S07	016F	0179	0183	018D	0197	01A1	01AB	01B5	01BF	01C9	01D3	01DD	01E7	01F1	01FB	0205	020F	0219	0223	022D	0237	0241	024B	0255	025F	0269	0273	027D	0287	0291	029B	02A5	02AF	02B9
S08	0170	017A	0184	018E	0198	01A2	01AC	01B6	01C0	01CA	01D4	01DE	01E8	01F2	01FC	0206	0210	021A	0224	022E	0238	0242	024C	0256	0260	026A	0274	027E	0288	0292	029C	02A6	02B0	02BA
K																																		
S01	0507	050F	0517	051F	0527	052F	0537	053F	0547	054F	0557	055F	0567	056F	0577	057F	0587	058F	0597	059F	05A7	05AF	05B7	05BF	05C7	05CF	05D7	05DF	05E7	05EF	05F7	05FF	0607	060F
S02	0508	0510	0518	0520	0528	0530	0538	0540	0548	0550	0558	0560	0568	0570	0578	0580	0588	0590	0598	05A0	05A8	05B0	05B8	05C0	05C8	05D0	05D8	05E0	05E8	05F0	05F8	0600	0608	0610
S03	0509	0511	0519	0521	0529	0531	0539	0541	0549	0551	0559	0561	0569	0571	0579	0581	0589	0591	0599	05A1	05A9	05B1	05B9	05C1	05C9	05D1	05D9	05E1	05E9	05F1	05F9	0601	0609	0611
S04	050A	0512	051A	0522	052A	0532	053A	0542	054A	0552	055A	0562	056A	0572	057A	0582	058A	0592	059A	05A2	05AA	05B2	05BA	05C2	05CA	05D2	05DA	05E2	05EA	05F2	05FA	0602	060A	0612
S05	050B	0513	051B	0523	052B	0533	053B	0543	054B	0553	055B	0563	056B	0573	057B	0583	058B	0593	059B	05A3	05AB	05B3	05BB	05C3	05CB	05D3	05DB	05E3	05EB	05F3	05FB	0603	060B	0613
S06	050C	0514	051C	0524	052C	0534	053C	0544	054C	0554	055C	0564	056C	0574	057C	0584	058C	0594	059C	05A4	05AC	05B4	05BC	05C4	05CC	05D4	05DC	05E4	05EC	05F4	05FC	0604	060C	0614
S07	050D	0515	051D	0525	052D	0535	053D	0545	054D	0555	055D	0565	056D	0575	057D	0585	058D	0595	059D	05A5	05AD	05B5	05BD	05C5	05CD	05D5	05DD	05E5	05ED	05F5	05FD	0605	060D	0615
S08	050E	0516	051E	0526	052E	0536	053E	0546	054E	0556	055E	0566	056E	0576	057E	0586	058E	0596	059E	05A6	05AE	05B6	05BE	05C6	05CE	05D6	05DE	05E6	05EE	05F6	05FE	0606	060E	0616
																																	</	

	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99
T																																		
Z01	02BB	02C5	02CF	02D9	02E3	02ED	02F7	0301	030B	0315	031F	0329	0333	033D	0347	0351	035B	0365	036F	0379	0383	038D	0397	03A1	03AB	03B5	03BF	03C9	03D3	03DD	03E7	03F1	03FB	0405
Z02	02BC	02C6	02D0	02DA	02E4	02EE	02F8	0302	030C	0316	0320	032A	0334	033E	0348	0352	035C	0366	0370	037A	0384	038E	0398	03A2	03AC	03B6	03C0	03CA	03D4	03DE	03E8	03F2	03FC	0406
S01	02BD	02C7	02D1	02DB	02E5	02EF	02F9	0303	030D	0317	0321	032B	0335	033F	0349	0353	035D	0367	0371	037B	0385	038F	0399	03A3	03AD	03B7	03C1	03CB	03D5	03DF	03E9	03F3	03FD	0407
S02	02BE	02C8	02D2	02DC	02E6	02F0	02FA	0304	030E	0318	0322	032C	0336	0340	034A	0354	035E	0368	0372	037C	0386	0390	039A	03A4	03AE	03B8	03C2	03CC	03D6	03E0	03EA	03F4	03FE	0408
S03	02BF	02C9	02D3	02DD	02E7	02F1	02FB	0305	030F	0319	0323	032D	0337	0341	034B	0355	035F	0369	0373	037D	0387	0391	039B	03A5	03AF	03B9	03C3	03CD	03D7	03E1	03EB	03F5	03FF	0409
S04	02C0	02CA	02D4	02DE	02E8	02F2	02FC	0306	0310	031A	0324	032E	0338	0342	034C	0356	0360	036A	0374	037E	0388	0392	039C	03A6	03B0	03BA	03C4	03CE	03D8	03E2	03EC	03F6	0400	040A
S05	02C1	02CB	02D5	02DF	02E9	02F3	02FD	0307	0311	031B	0325	032F	0339	0343	034D	0357	0361	036B	0375	037F	0389	0393	039D	03A7	03B1	03BB	03C5	03CF	03D9	03E3	03ED	03F7	0401	040B
S06	02C2	02CC	02D6	02E0	02EA	02F4	02FE	0308	0312	031C	0326	0330	033A	0344	034E	0358	0362	036C	0376	0380	038A	0394	039E	03A8	03B2	03BC	03C6	03D0	03DA	03E4	03EE	03F8	0402	040C
S07	02C3	02CD	02D7	02E1	02EB	02F5	02FF	0309	0313	031D	0327	0331	033B	0345	034F	0359	0363	036D	0377	0381	038B	0395	039F	03A9	03B3	03BD	03C7	03D1	03DB	03E5	03EF	03F9	0403	040D
S08	02C4	02CE	02D8	02E2	02EC	02F6	0300	030A	0314	031E	0328	0332	033C	0346	0350	035A	0364	036E	0378	0382	038C	0396	03A0	03AA	03B4	03BE	03C8	03D2	03DC	03E6	03F0	03FA	0404	040E
K																																		
S01	0617	061F	0627	062F	0637	063F	0647	064F	0657	065F	0667	066F	0677	067F	0687	068F	0697	069F	06A7	06AF	06B7	06BF	06C7	06CF	06D7	06DF	06E7	06EF	06F7	06FF	0707	070F	0717	071F
S02	0618	0620	0628	0630	0638	0640	0648	0650	0658	0660	0668	0670	0678	0680	0688	0690	0698	06A0	06A8	06B0	06B8	06C0	06C8	06D0	06D8	06E0	06E8	06F0	06F8	0700	0708	0710	0718	0720
S03	0619	0621	0629	0631	0639	0641	0649	0651	0659	0661	0669	0671	0679	0681	0689	0691	0699	06A1	06A9	06B1	06B9	06C1	06C9	06D1	06D9	06E1	06E9	06F1	06F9	0701	0709	0711	0719	0721
S04	061A	0622	062A	0632	063A	0642	064A	0652	065A	0662	066A	0672	067A	0682	068A	0692	069A	06A2	06AA	06B2	06BA	06C2	06CA	06D2	06DA	06E2	06EA	06F2	06FA	0702	070A	0712	071A	0722
S05	061B	0623	062B	0633	063B	0643	064B	0653	065B	0663	066B	0673	067B	0683	068B	0693	069B	06A3	06AB	06B3	06BB	06C3	06CB	06D3	06DB	06E3	06EB	06F3	06FB	0703	070B	0713	071B	0723
S06	061C	0624	062C	0634	063C	0644	064C	0654	065C	0664	066C	0674	067C	0684	068C	0694	069C	06A4	06AC	06B4	06BC	06C4	06CC	06D4	06DC	06E4	06EC	06F4	06FC	0704	070C	0714	071C	0724
S07	061D	0625	062D	0635	063D	0645	064D	0655	065D	0665	066D	0675	067D	0685	068D	0695	069D	06A5	06AD	06B5	06BD	06C5	06CD	06D5	06DD	06E5	06ED	06F5	06FD	0705	070D	0715	071D	0725
S08	061E	0626	062E	0636	063E	0646	064E	0656	065E	0666	066E	0676	067E	0686	068E	0696	069E	06A6	06AE	06B6	06BE	06C6	06CE	06D6	06DE	06E6	06EE	06F6	06FE	0706	070E	0716	071E	0726

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Exp 32 Zone	B																															
Z01		07ED	0817	0841	086B	0895	08BF	08E9	0913	093D	0967	0991	09BB	09E5	0A0F	0A39	0A63	0A8D	0AB7	0AE1	0B0B	0B35	0B5F	0B89	0BB3	0BDD	0C07	0C31	0C5B	0C85	0CAF	0CD9
Z02		07EE	0818	0842	086C	0896	08C0	08EA	0914	093E	0968	0992	09BC	09E6	0A10	0A3A	0A64	0A8E	0AB8	0AE2	0B0C	0B36	0B60	0B8A	0BB4	0BDE	0C08	0C32	0C5C	0C86	0CB0	0CDA
Z03		07EF	0819	0843	086D	0897	08C1	08EB	0915	093F	0969	0993	09BD	09E7	0A11	0A3B	0A65	0A8F	0AB9	0AE3	0B0D	0B37	0B61	0B8B	0BB5	0BDF	0C09	0C33	0C5D	0C87	0CB1	0CDB
Z04		07F0	081A	0844	086E	0898	08C2	08EC	0916	0940	096A	0994	09BE	09E8	0A12	0A3C	0A66	0A90	0ABA	0AE4	0B0E	0B38	0B62	0B8C	0BB6	0BE0	0C0A	0C34	0C5E	0C88	0CB2	0CDC
Z05		07F1	081B	0845	086F	0899	08C3	08ED	0917	0941	096B	0995	09BF	09E9	0A13	0A3D	0A67	0A91	0ABB	0AE5	0B0F	0B39	0B63	0B8D	0BB7	0BE1	0C0B	0C35	0C5F	0C89	0CB3	0CDD
Z06		07F2	081C	0846	0870	089A	08C4	08EE	0918	0942	096C	0996	09C0	09EA	0A14	0A3E	0A68	0A92	0ABC	0AE6	0B10	0B3A	0B64	0B8E	0BB8	0BE2	0C0C	0C36	0C60	0C8A	0CB4	0CDE
Z07		07F3	081D	0847	0871	089B	08C5	08EF	0919	0943	096D	0997	09C1	09EB	0A15	0A3F	0A69	0A93	0ABD	0AE7	0B11	0B3B	0B65	0B8F	0BB9	0BE3	0C0D	0C37	0C61	0C8B	0CB5	0CDF
Z08		07F4	081E	0848	0872	089C	08C6	08F0	091A	0944	096E	0998	09C2	09EC	0A16	0A40	0A6A	0A94	0ABE	0AE8	0B12	0B3C	0B66	0B90	0BBA	0BE4	0C0E	0C38	0C62	0C8C	0CB6	0CE0
Z09		07F5	081F	0849	0873	089D	08C7	08F1	091B	0945	096F	0999	09C3	09ED	0A17	0A41	0A6B	0A95	0ABF	0AE9	0B13	0B3D	0B67	0B91	0BBB	0BE5	0C0F	0C39	0C63	0C8D	0CB7	0CE1
Z10		07F6	0820	084A	0874	089E	08C8	08F2	091C	0946	0970	099A	09C4	09EE	0A18	0A42	0A6C	0A96	0AC0	0AEA	0B14	0B3E	0B68	0B92	0BBC	0BE6	0C10	0C3A	0C64	0C8E	0CB8	0CE2
Z11		07F7	0821	084B	0875	089F	08C9	08F3	091D	0947	0971	099B	09C5	09EF	0A19	0A43	0A6D	0A97	0AC1	0AEB	0B15	0B3F	0B69	0B93	0BBD	0BE7	0C11	0C3B	0C65	0C8F	0CB9	0CE3
Z12		07F8	0822	084C	0876	08A0	08CA	08F4	091E	0948	0972	099C	09C6	09F0	0A1A	0A44	0A6E	0A98	0AC2	0AEC	0B16	0B40	0B6A	0B94	0BBE	0BE8	0C12	0C3C	0C66	0C90	0CBA	0CE4
Z13		07F9	0823	084D	0877	08A1	08CB	08F5	091F	0949	0973	099D	09C7	09F1	0A1B	0A45	0A6F	0A99	0AC3	0AED	0B17	0B41	0B6B	0B95	0BBF	0BE9	0C13	0C3D	0C67	0C91	0CBB	0CE5
Z14		07FA	0824	084E	0878	08A2	08CC	08F6	0920	094A	0974	099E	09C8	09F2	0A1C	0A46	0A70	0A9A	0AC4	0AEE	0B18	0B42	0B6C	0B96	0BC0	0BEA	0C14	0C3E	0C68	0C92	0CBC	0CE6
Z15		07FB	0825	084F	0879	08A3	08CD	08F7	0921	094B	0975	099F	09C9	09F3	0A1D	0A47	0A71	0A9B	0AC5	0AEF	0B19	0B43	0B6D	0B97	0BC1	0BEB	0C15	0C3F	0C69	0C93	0CBD	0CE7
Z16		07FC	0826	0850	087A	08A4	08CE	08F8	0922	094C	0976	09A0	09CA	09F4	0A1E	0A48	0A72	0A9C	0AC6	0AF0	0B1A	0B44	0B6E	0B98	0BC2	0BEC	0C16	0C40	0C6A	0C94	0CBE	0CE8
Z17		07FD	0827	0851	087B	08A5	08CF	08F9	0923	094D	0977	09A1	09CB	09F5	0A1F	0A49	0A73	0A9D	0AC7	0AF1	0B1B	0B45	0B6F	0B99	0BC3	0BED	0C17	0C41	0C6B	0C95	0CBF	0CE9
Z18		07FE	0828	0852	087C	08A6	08D0	08FA	0924	094E	0978	09A2	09CC	09F6	0A20	0A4A	0A74	0A9E	0AC8	0AF2	0B1C	0B46	0B70	0B9A	0BC4	0BEE	0C18	0C42	0C6C	0C96	0CC0	0CEA
Z19		07FF	0829	0853	087D	08A7	08D1	08FB	0925	094F	0979	09A3	09CD	09F7	0A21	0A4B	0A75	0A9F	0AC9	0AF3	0B1D	0B47	0B71	0B9B	0BC5	0BEF	0C19	0C43	0C6D	0C97	0CC1	0CEB
Z20		0800	082A	0854	087E	08A8	08D2	08FC	0926	0950	097A	09A4	09CE	09F8	0A22	0A4C	0A76	0AA0	0ACA	0AF4	0B1E	0B48	0B72	0B9C	0BC6	0BF0	0C1A	0C44	0C6E	0C98	0CC2	0CEC
Z21		0801	082B	0855	087F	08A9	08D3	08FD	0927	0951	097B	09A5	09CF	09F9	0A23	0A4D	0A77	0AA1	0ACB	0AF5	0B1F	0B49	0B73	0B9D	0BC7	0BF1	0C1B	0C45	0C6F	0C99	0CC3	0CED
Z22		0802	082C	0856	0880	08AA	08D4	08FE	0928	0952	097C	09A6	09D0	09FA	0A24	0A4E	0A78	0AA2	0ACC	0AF6	0B20	0B4A	0B74	0B9E	0BC8	0BF2	0C1C	0C46	0C70	0C9A	0CC4	0CEE
Z23		0803	082D	0857	0881	08AB	08D5	08FF	0929	0953	097D	09A7	09D1	09FB	0A25	0A4F	0A79	0AA3	0ACD	0AF7	0B21	0B4B	0B75	0B9F	0BC9	0BF3	0C1D	0C47	0C71	0C9B	0CC5	0CEF
Z24		0804	082E	0858	0882	08AC	08D6	0900	092A	0954	097E	09A8	09D2	09FC	0A26	0A50	0A7A	0AA4	0ACE	0AF8	0B22	0B4C	0B76	0B9A	0BCA	0BF4	0C1E	0C48	0C72	0C9C	0CC6	0CF0
Z25		0805	082F	0859	0883	08AD	08D7	0901	092B	0955	097F	09A9	09D3	09FD	0A27	0A51	0A7B	0AA5	0ACF	0AF9	0B23	0B4D	0B77	0BA1	0BCB	0BF5	0C1F	0C49	0C73	0C9D	0CC7	0CF1
Z26		0806	0830	085A	0884	08AE	08D8	0902	092C	0956	0980	09AA	09D4	09FE	0A28	0A52	0A7C	0AA6	0AD0	0AFA	0B24	0B4E	0B78	0BA2	0BCC	0BF6	0C20	0C4A	0C74	0C9E	0CC8	0CF2
Z27		0807	0831	085B	0885	08AF	08D9	0903	092D	0957	0981	09AB	09D5	09FF	0A29	0A53	0A7D	0AA7	0AD1	0AFB	0B25	0B4F	0B79	0BA3	0BCD	0BF7	0C21	0C4B	0C75	0C9F	0CC9	0CF3
Z28		0808	0832	085C	0886	08B0	08DA	0904	092E	0958	0982	09AC	09D6	0A00	0A2A	0A54	0A7E	0AA8	0AD2	0AFC	0B26	0B50	0B7A	0BA4	0BCE	0BF8	0C22	0C4C	0C76	0CA0	0CCA	0CF4
Z29		0809	0833	085D	0887	08B1	08DB	0905	092F	0959	0983	09AD	09D7	0A01	0A2B	0A55	0A7F	0AA9	0AD3	0AFD	0B27	0B51	0B7B	0BA5	0BCF	0BF9	0C23	0C4D	0C77	0CA1	0CCB	0CF5
Z30		080A	0834	085E	0888	08B2	08DC	0906	0930	095A	0984	09AE	09D8	0A02	0A2C	0A56	0A80	0AAA	0AD4	0AFE	0B28	0B52	0B7C	0BA6	0BD0	0BFA	0C24	0C4E	0C78	0CA2	0CCC	0CF6
Z31		080B	0835	085F	0889	08B3	08DD	0907	0931	095B	0985	09AF	09D9	0A03	0A2D	0A57	0A81	0AAB	0AD5	0AFF	0B29	0B53	0B7D	0BA7	0BD1	0BFB	0C25	0C4F	0C79	0CA3	0CCD	0CF7
Z32		080C	0836	0860	088A	08B4	08DE	0908	0932	095C	0986	09B0	09DA	0A04	0A2E	0A58	0A82	0AAC	0AD6	0B00	0B2A	0B54	0B7E	0BA8	0BD2	0BFC	0C26	0C50	0C7A	0CA4	0CCE	0CF8
Cabinet tamp	S01	080D	0837	0861	088B	08B5	08DF	0909	0933	095D	0987	09B1	09DB	0A05	0A2F	0A59	0A83	0AAD	0AD7	0B01	0B2B	0B55	0B7F	0BA9	0BD3	0BFD	0C27	0C51	0C7B	0CA5	0CCF	0CF9
Int siren tamp	S02	080E	0838	0862	088C	08B6	08E0	090A	0934	095E	0988	09B2	09DC	0A06	0A30	0A5A	0A84	0AAE	0AD8	0B02	0B2C	0B56	0B80	0BAA	0BD4	0BFE	0C28	0C52	0C7C	0CA6	0CD0	0CFA
Ext siren tamp	S03	080F	0839	0863	088D	08B7	08E1	090B	0935	095F	0989	09B3	09DD	0A07	0A31	0A5B	0A85	0AAF	0AD9	0B03	0B2D	0B57	0B81	0BAB	0BD5	0BFF	0C29	0C53	0C7D	0CA7	0CD1	0CFB
AC fail.	S04	0810	083A	0864	088E	08B8	08E2	090C	0936	0960	098A	09B4	09DE	0A08	0A32	0A5C	0A86	0AB0	0ADA	0B04	0B2E	0B58	0B82	0BAC	0BD6	0C00	0C2A	0C54	0C7E	0CA8	0CD2	0CFD
Low battery.	S05	0811	083B	0865	088F	08B9	08E3	090D	0937	0961	098B	09B5	09DF	0A09	0A33	0A5D	0A87	0AB1	0ADB	0B05	0B2F	0B59	0B83	0BAD	0BD7	0C01	0C2B	0C55	0C7F	0CA9	0CD3	0CFD
LAN fuse	S06	0812	083C	0866	0890	08BA	08E4	090E	0938	0962	098C	09B6	09E0	0A0A	0A34	0A5E	0A88	0AB2	0ADC	0B06	0B30	0B5A	0B84	0BAE	0BD8	0C02	0C2C	0C56	0C80	0CAA	0CD4	0CFE
Detector fuse	S07	0813	083D	0867	0891	08BB	08E5	090F	0939	0963	098D	09B7	09E1	0A0B	0A35	0A5F	0A89	0AB3	0ADD	0B07	0B31	0B5B	0B85	0BAF	0BD9	0C03	0C2D	0C57	0C81	0CAB	0CD5	0CFF
LAN fail	S08	0814	083E	0868	0892	08BC	08E6	0910	093A	0964	098E	09B8	09E2	0A0C	0A36	0A60	0A8A	0AB4	0ADE	0B08	0B32	0B5C	0B86	0BB0	0BDA	0C04	0C2E	0C58	0C82	0CAC	0CD6	0D00
Batt test fail	S09	0815	083F	0869	0893	08BD	08E7	0911	093B	0965	098F	09B9	09E3	0A0D	0A37	0A61	0A8B	0AB5	0ADF	0B09	0B33	0B5D	0B87	0BB1	0BDB	0C05	0C2F	0C59	0C83	0CAD	0CD7	0D01
Spare	S10	0816	0840	086A	0894	08BE	08E8	0912	093C	0966	0990	09BA	09																			

	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65
B																																		
Z01	0D03	0D2D	0D57	0D81	0DAB	0DD5	0DFF	0E29	0E53	0E7D	0EA7	0ED1	0EFB	0F25	0F4F	0F79	0FA3	0FCD	0FF7	1021	104B	1075	109F	10C9	10F3	111D	1147	1171	119B	11C5	11EF	1219	1243	
Z02	0D04	0D2E	0D58	0D82	0DAC	0DD6	0E00	0E2A	0E54	0E7E	0EA8	0ED2	0EFC	0F26	0F50	0F7A	0FA4	0FCE	0FF8	1022	104C	1076	10A0	10CA	10F4	111E	1148	1172	119C	11C6	11F0	121A	1244	
Z03	0D05	0D2F	0D59	0D83	0DAD	0DD7	0E01	0E2B	0E55	0E7F	0EA9	0ED3	0EFD	0F27	0F51	0F7B	0FA5	0FCF	0FF9	1023	104D	1077	10A1	10CB	10F5	111F	1149	1173	119D	11C7	11F1	121B	1245	
Z04	0D06	0D30	0D5A	0D84	0DAE	0DD8	0E02	0E2C	0E56	0E80	0EAA	0ED4	0EFE	0F28	0F52	0F7C	0FA6	0FD0	0FFA	1024	104E	1078	10A2	10CC	10F6	1120	114A	1174	119E	11C8	11F2	121C	1246	
Z05	0D07	0D31	0D5B	0D85	0DAF	0DD9	0E03	0E2D	0E57	0E81	0EAB	0ED5	0EFF	0F29	0F53	0F7D	0FA7	0FD1	0FFB	1025	104F	1079	10A3	10CD	10F7	1121	114B	1175	119F	11C9	11F3	121D	1247	
Z06	0D08	0D32	0D5C	0D86	0DB0	0DDA	0E04	0E2E	0E58	0E82	0EAC	0ED6	0F00	0F2A	0F54	0F7E	0FA8	0FD2	0FFC	1026	1050	107A	10A4	10CE	10F8	1122	114C	1176	11A0	11CA	11F4	121E	1248	
Z07	0D09	0D33	0D5D	0D87	0DB1	0DDB	0E05	0E2F	0E59	0E83	0EAD	0ED7	0F01	0F2B	0F55	0F7F	0FA9	0FD3	0FFD	1027	1051	107B	10A5	10CF	10F9	1123	114D	1177	11A1	11CB	11F5	121F	1249	
Z08	0D0A	0D34	0D5E	0D88	0DB2	0DDC	0E06	0E30	0E5A	0E84	0EAE	0ED8	0F02	0F2C	0F56	0F80	0FAA	0FD4	0FFE	1028	1052	107C	10A6	10D0	10FA	1124	114E	1178	11A2	11CC	11F6	1220	124A	
Z09	0D0B	0D35	0D5F	0D89	0DB3	0DDD	0E07	0E31	0E5B	0E85	0EAF	0ED9	0F03	0F2D	0F57	0F81	0FAB	0FD5	0FFF	1029	1053	107D	10A7	10D1	10FB	1125	114F	1179	11A3	11CD	11F7	1221	124B	
Z10	0D0C	0D36	0D60	0D8A	0DB4	0DDE	0E08	0E32	0E5C	0E86	0EB0	0EDA	0F04	0F2E	0F58	0F82	0FAC	0FD6	1000	102A	1054	107E	10A8	10D2	10FC	1126	1150	117A	11A4	11CE	11F8	1222	124C	
Z11	0D0D	0D37	0D61	0D8B	0DB5	0DDF	0E09	0E33	0E5D	0E87	0EB1	0EDB	0F05	0F2F	0F59	0F83	0FAD	0FD7	1001	102B	1055	107F	10A9	10D3	10FD	1127	1151	117B	11A5	11CF	11F9	1223	124D	
Z12	0D0E	0D38	0D62	0D8C	0DB6	0DE0	0E0A	0E34	0E5E	0E88	0EB2	0EDC	0F06	0F30	0F5A	0F84	0FAE	0FD8	1002	102C	1056	1080	10AA	10DA	10FE	1128	1152	117C	11A6	11D0	11FA	1224	124E	
Z13	0D0F	0D39	0D63	0D8D	0DB7	0DE1	0E0B	0E35	0E5F	0E89	0EB3	0EDD	0F07	0F31	0F5B	0F85	0FAF	0FD9	1003	102D	1057	1081	10AB	10D5	10FF	1129	1153	117D	11A7	11D1	11FB	1225	124F	
Z14	0D10	0D3A	0D64	0D8E	0DB8	0DE2	0E0C	0E36	0E60	0E8A	0EB4	0EDE	0F08	0F32	0F5C	0F86	0FB0	0FDA	1004	102E	1058	1082	10AC	10D6	1100	112A	1154	117E	11A8	11D2	11FC	1226	1250	
Z15	0D11	0D3B	0D65	0D8F	0DB9	0DE3	0E0D	0E37	0E61	0E8B	0EB5	0EDF	0F09	0F33	0F5D	0F87	0FB1	0FDB	1005	102F	1059	1083	10AD	10D7	1101	112B	1155	117F	11A9	11D3	11FD	1227	1251	
Z16	0D12	0D3C	0D66	0D90	0DBA	0DE4	0E0E	0E38	0E62	0E8C	0EB6	0EE0	0F0A	0F34	0F5E	0F88	0FB2	0FDC	1006	1030	105A	1084	10AE	10D8	1102	112C	1156	1180	11AA	11D4	11FE	1228	1252	
Z17	0D13	0D3D	0D67	0D91	0DBB	0DE5	0E0F	0E39	0E63	0E8D	0EB7	0EE1	0F0B	0F35	0F5F	0F89	0FB3	0FDD	1007	1031	105B	1085	10AF	10D9	1103	112D	1157	1181	11AB	11D5	11FF	1229	1253	
Z18	0D14	0D3E	0D68	0D92	0DBC	0DE6	0E10	0E3A	0E64	0E8E	0EB8	0EE2	0F0C	0F36	0F60	0F8A	0FB4	0FDE	1008	1032	105C	1086	10B0	10DB	1104	112E	1158	1182	11AC	11D6	1200	122A	1254	
Z19	0D15	0D3F	0D69	0D93	0DBD	0DE7	0E11	0E3B	0E65	0E8F	0EB9	0EE3	0F0D	0F37	0F61	0F8B	0FB5	0FDF	1009	1033	105D	1087	10B1	10DB	1105	112F	1159	1183	11AD	11D7	1201	122B	1255	
Z20	0D16	0D40	0D6A	0D94	0DBE	0DE8	0E12	0E3C	0E66	0E90	0EBA	0EE4	0F0E	0F38	0F62	0F8C	0FB6	0FE0	100A	1034	105E	1088	10B2	10DC	1106	1130	115A	1184	11AE	11D8	1202	122C	1256	
Z21	0D17	0D41	0D6B	0D95	0DBF	0DE9	0E13	0E3D	0E67	0E91	0EBB	0EE5	0F0F	0F39	0F63	0F8D	0FB7	0FE1	100B	1035	105F	1089	10B3	10DD	1107	1131	115B	1185	11AF	11D9	1203	122D	1257	
Z22	0D18	0D42	0D6C	0D96	0DC0	0DEA	0E14	0E3E	0E68	0E92	0EBC	0EE6	0F10	0F3A	0F64	0F8E	0FB8	0FE2	100C	1036	1060	108A	10B4	10DE	1108	1132	115C	1186	11B0	11DA	1204	122E	1258	
Z23	0D19	0D43	0D6D	0D97	0DC1	0DEB	0E15	0E3F	0E69	0E93	0EBD	0EE7	0F11	0F3B	0F65	0F8F	0FB9	0FE3	100D	1037	1061	108B	10B5	10DF	1109	1133	115D	1187	11B1	11DB	1205	122F	1259	
Z24	0D1A	0D44	0D6E	0D98	0DC2	0DEC	0E16	0E40	0E6A	0E94	0EBE	0EE8	0F12	0F3C	0F66	0F90	0FBA	0FE4	100E	1038	1062	108C	10B6	10E0	110A	1134	115E	1188	11B2	11DC	1206	1230	125A	
Z25	0D1B	0D45	0D6F	0D99	0DC3	0DED	0E17	0E41	0E6B	0E95	0EBF	0EE9	0F13	0F3D	0F67	0F91	0FBB	0FE5	100F	1039	1063	108D	10B7	10E1	110B	1135	115F	1189	11B3	11DD	1207	1231	125B	
Z26	0D1C	0D46	0D70	0D9A	0DC4	0DEE	0E18	0E42	0E6C	0E96	0EC0	0EEA	0F14	0F3E	0F68	0F92	0FBC	0FE6	1010	103A	1064	108E	10B8	10E2	110C	1136	1160	118A	11B4	11DE	1208	1232	125C	
Z27	0D1D	0D47	0D71	0D9B	0DC5	0DEF	0E19	0E43	0E6D	0E97	0EC1	0EEB	0F15	0F3F	0F69	0F93	0FBD	0FE7	1011	103B	1065	108F	10B9	10E3	110D	1137	1161	118B	11B5	11DF	1209	1233	125D	
Z28	0D1E	0D48	0D72	0D9C	0DC6	0DF0	0E1A	0E44	0E6E	0E98	0EC2	0EEC	0F16	0F40	0F6A	0F94	0FBE	0FE8	1012	103C	1066	1090	10BA	10E4	110E	1138	1162	118C	11B6	11E0	120A	1234	125E	
Z29	0D1F	0D49	0D73	0D9D	0DC7	0DF1	0E1B	0E45	0E6F	0E99	0EC3	0EED	0F17	0F41	0F6B	0F95	0FBF	0FE9	1013	103D	1067	1091	10BB	10E5	110F	1139	1163	118D	11B7	11E1	120B	1235	125F	
Z30	0D20	0D4A	0D74	0D9E	0DC8	0DF2	0E1C	0E46	0E70	0E9A	0EC4	0EEE	0F18	0F42	0F6C	0F96	0FC0	0FEA	1014	103E	1068	1092	10BC	10E6	1110	113A	1164	118E	11B8	11E2	120C	1236	1260	
Z31	0D21	0D4B	0D75	0D9F	0DC9	0DF3	0E1D	0E47	0E71	0E9B	0EC5	0EEF	0F19	0F43	0F6D	0F97	0FC1	0FEB	1015	103F	1069	1093	10BD	10E7	1111	113B	1165	118F	11B9	11E3	120D	1237	1261	
Z32	0D22	0D4C	0D76	0DA0	0DCA	0DF4	0E1E	0E48	0E72	0E9C	0EC6	0EF0	0F1A	0F44	0F6E	0F98	0FC2	0FEC	1016	1040	106A	1094	10BE	10E8	1112	113C	1166	1190	11BA	11E4	120E	1238	1262	
S01	0D23	0D4D	0D77	0DA1	0DCB	0DF5	0E1F	0E49	0E73	0E9D	0EC7	0EF1	0F1B	0F45	0F6F	0F99	0FC3	0FED	1017	1041	106B	1095	10BF	10E9	1113	113D	1167	1191	11BB	11E5	120F	1239	1263	
S02	0D24	0D4E	0D78	0DA2	0DCC	0DF6	0E20	0E4A	0E74	0E9E	0EC8	0EF2	0F1C	0F46	0F70	0F9A	0FC4	0FEE	1018	1042	106C	1096	10C0	10EA	1114	113E	1168	1192	11BC	11E6	1210	123A	1264	
S03	0D25	0D4F	0D79	0DA3	0DCD	0DF7	0E21	0E4B	0E75	0E9F	0EC9	0EF3	0F1D	0F47	0F71	0F9B	0FC5	0FEF	1019	1043	106D	1097	10C1	10EB	1115	113F	1169	1193	11BD	11E7	1211	123B	1265	
S04	0D26	0D50	0D7A	0DA4	0DCE	0DF8	0E22	0E4C	0E76	0E9A	0ECA	0EF4	0F1E	0F48	0F72	0F9C	0FC6	0FF0	101A	1044	106E	1098	10C2	10EC	1116	1140	116A	1194	11BE	11E8	1212	123C	1266	
S05	0D27	0D51	0D7B	0DA5	0DCF	0DF9	0E23	0E4D	0E77	0EA1	0ECB	0EF5	0F1F	0F49	0F73	0F9D	0FC7	0FF1	101B	1045	106F	1099	10C3	10ED	1117	1141	116B	1195	11BF	11E9	1213	123D	1267	
S06	0D28	0D52	0D7C	0DA6	0DD0	0DFA	0E24	0E4E	0E78	0EA2	0ECC	0EF6	0F20	0F4A	0F74	0F9E	0FC8	0FF2	101C	1046	1070	109A	10C4	10EE	1118	1142	116C	1196	11C0	11EA	1214	123E	1268	
S07	0D29	0D53	0D7D	0DA7	0DD1	0DFB	0E25	0E4F	0E79	0EA3	0ECD	0EF7																						

	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99
B																																		
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Reader	R																															
Z01		126D	127D	128D	129D	12AD	12BD	12CD	12DD	12ED	12FD	130D	131D	132D	133D	134D	135D	136D	137D	138D	139D	13AD	13BD	13CD	13DD	13ED	13FD	140D	141D	142D	143D	144D
Z02		126E	127E	128E	129E	12AE	12BE	12CE	12DE	12EE	12FE	130E	131E	132E	133E	134E	135E	136E	137E	138E	139E	13AE	13BE	13CE	13DE	13EE	13FE	140E	141E	142E	143E	144E
Z03		126F	127F	128F	129F	12AF	12BF	12CF	12DF	12EF	12FF	130F	131F	132F	133F	134F	135F	136F	137F	138F	139F	13AF	13BF	13CF	13DF	13EF	13FF	140F	141F	142F	143F	144F
Z04		1270	1280	1290	12A0	12B0	12C0	12D0	12E0	12F0	1300	1310	1320	1330	1340	1350	1360	1370	1380	1390	13A0	13B0	13C0	13D0	13E0	13F0	1400	1410	1420	1430	1440	1450
Z05		1271	1281	1291	12A1	12B1	12C1	12D1	12E1	12F1	1301	1311	1321	1331	1341	1351	1361	1371	1381	1391	13A1	13B1	13C1	13D1	13E1	13F1	1401	1411	1421	1431	1441	1451
Z06		1272	1282	1292	12A2	12B2	12C2	12D2	12E2	12F2	1302	1312	1322	1332	1342	1352	1362	1372	1382	1392	13A2	13B2	13C2	13D2	13E2	13F2	1402	1412	1422	1432	1442	1452
Z07		1273	1283	1293	12A3	12B3	12C3	12D3	12E3	12F3	1303	1313	1323	1333	1343	1353	1363	1373	1383	1393	13A3	13B3	13C3	13D3	13E3	13F3	1403	1413	1423	1433	1443	1453
Z08		1274	1284	1294	12A4	12B4	12C4	12D4	12E4	12F4	1304	1314	1324	1334	1344	1354	1364	1374	1384	1394	13A4	13B4	13C4	13D4	13E4	13F4	1404	1414	1424	1434	1444	1454
Cabinet tamp	S01	1275	1285	1295	12A5	12B5	12C5	12D5	12E5	12F5	1305	1315	1325	1335	1345	1355	1365	1375	1385	1395	13A5	13B5	13C5	13D5	13E5	13F5	1405	1415	1425	1435	1445	1455
Low Voltage	S02	1276	1286	1296	12A6	12B6	12C6	12D6	12E6	12F6	1306	1316	1326	1336	1346	1356	1366	1376	1386	1396	13A6	13B6	13C6	13D6	13E6	13F6	1406	1416	1426	1436	1446	1456
Door 1 Forced	S03	1277	1287	1297	12A7	12B7	12C7	12D7	12E7	12F7	1307	1317	1327	1337	1347	1357	1367	1377	1387	1397	13A7	13B7	13C7	13D7	13E7	13F7	1407	1417	1427	1437	1447	1457
Door 1 Held	S04	1278	1288	1298	12A8	12B8	12C8	12D8	12E8	12F8	1308	1318	1328	1338	1348	1358	1368	1378	1388	1398	13A8	13B8	13C8	13D8	13E8	13F8	1408	1418	1428	1438	1448	1458
Door 2 Forced	S05	1279	1289	1299	12A9	12B9	12C9	12D9	12E9	12F9	1309	1319	1329	1339	1349	1359	1369	1379	1389	1399	13A9	13B9	13C9	13D9	13E9	13F9	1409	1419	1429	1439	1449	1459
Door 2 Held	S06	127A	128A	129A	12AA	12BA	12CA	12DA	12EA	12FA	130A	131A	132A	133A	134A	135A	136A	137A	138A	139A	13AA	13BA	13CA	13DA	13EA	13FA	140A	141A	142A	143A	144A	145A
Illegal Card	S07	127B	128B	129B	12AB	12BB	12CB	12DB	12EB	12FB	130B	131B	132B	133B	134B	135B	136B	137B	138B	139B	13AB	13BB	13CB	13DB	13EB	13FB	140B	141B	142B	143B	144B	145B
LAN fail.	S08	127C	128C	129C	12AC	12BC	12CC	12DC	12EC	12FC	130C	131C	132C	133C	134C	135C	136C	137C	138C	139C	13AC	13BC	13CC	13DC	13EC	13FC	140C	141C	142C	143C	144C	145C
Wireless	N																															
Z01		189D	18B1	18C5	18D9	18ED	1901	1915	1929	193D	1951	1965	1979	198D	19A1	19B5	19C9	19DD	19F1	1A05	1A19	1A2D	1A41	1A55	1A69	1A7D	1A91	1AA5	1AB9	1ACD	1AE1	1AF5
Z02		189E	18B2	18C6	18DA	18EE	1902	1916	192A	193E	1952	1966	197A	198E	19A2	19B6	19CA	19DE	19F2	1A06	1A1A	1A2E	1A42	1A56	1A6A	1A7E	1A92	1AA6	1ABA	1ACE	1AE2	1AF6
Z03		189F	18B3	18C7	18DB	18EF	1903	1917	192B	193F	1953	1967	197B	198F	19A3	19B7	19CB	19DF	19F3	1A07	1A1B	1A2F	1A43	1A57	1A6B	1A7F	1A93	1AA7	1ABB	1ACF	1AE3	1AF7
Z04		18A0	18B4	18C8	18DC	18F0	1904	1918	192C	1940	1954	1968	197C	1990	19A4	19B8	19CC	19E0	19F4	1A08	1A1C	1A30	1A44	1A58	1A6C	1A80	1A94	1AA8	1ABC	1AD0	1AE4	1AF8
Z05		18A1	18B5	18C9	18DD	18F1	1905	1919	192D	1941	1955	1969	197D	1991	19A5	19B9	19CD	19E1	19F5	1A09	1A1D	1A31	1A45	1A59	1A6D	1A81	1A95	1AA9	1ABD	1AD1	1AE5	1AF9
Z06		18A2	18B6	18CA	18DE	18F2	1906	191A	192E	1942	1956	196A	197E	1992	19A6	19BA	19CE	19E2	19F6	1A0A	1A1E	1A32	1A46	1A5A	1A6E	1A82	1A96	1AAA	1ABE	1AD2	1AE6	1AFA
Z07		18A3	18B7	18CB	18DF	18F3	1907	191B	192F	1943	1957	196B	197F	1993	19A7	19BB	19CF	19E3	19F7	1A0B	1A1F	1A33	1A47	1A5B	1A6F	1A83	1A97	1AAB	1ABF	1AD3	1AE7	1AFB
Z08		18A4	18B8	18CC	18E0	18F4	1908	191C	1930	1944	1958	196C	1980	1994	19A8	19BC	19D0	19E4	19F8	1A0C	1A20	1A34	1A48	1A5C	1A70	1A84	1A98	1AAC	1AC0	1AD4	1AE8	1AFC
Z09		18A5	18B9	18CD	18E1	18F5	1909	191D	1931	1945	1959	196D	1981	1995	19A9	19BD	19D1	19E5	19F9	1A0D	1A21	1A35	1A49	1A5D	1A71	1A85	1A99	1AAD	1AC1	1AD5	1AE9	1AFD
Z10		18A6	18BA	18CE	18E2	18F6	190A	191E	1932	1946	195A	196E	1982	1996	19AA	19BE	19D2	19E6	19FA	1A0E	1A22	1A36	1A4A	1A5E	1A72	1A86	1A9A	1AAE	1AC2	1AD6	1AEA	1AFE
Z11		18A7	18BB	18CF	18E3	18F7	190B	191F	1933	1947	195B	196F	1983	1997	19AB	19BF	19D3	19E7	19FB	1A0F	1A23	1A37	1A4B	1A5F	1A73	1A87	1A9B	1AAF	1AC3	1AD7	1AEB	1AFF
Z12		18A8	18BC	18D0	18E4	18F8	190C	1920	1934	1948	195C	1970	1984	1998	19AC	19C0	19D4	19E8	19FC	1A10	1A24	1A38	1A4C	1A60	1A74	1A88	1A9C	1AB0	1AC4	1AD8	1AEC	1B00
Z13		18A9	18BD	18D1	18E5	18F9	190D	1921	1935	1949	195D	1971	1985	1999	19AD	19C1	19D5	19E9	19FD	1A11	1A25	1A39	1A4D	1A61	1A75	1A89	1A9D	1AB1	1AC5	1AD9	1AED	1B01
Z14		18AA	18BE	18D2	18E6	18FA	190E	1922	1936	194A	195E	1972	1986	199A	19AE	19C2	19D6	19EA	19FE	1A12	1A26	1A3A	1A4E	1A62	1A76	1A8A	1A9E	1AB2	1AC6	1ADA	1AEE	1B02
Z15		18AB	18BF	18D3	18E7	18FB	190F	1923	1937	194B	195F	1973	1987	199B	19AF	19C3	19D7	19EB	19FF	1A13	1A27	1A3B	1A4F	1A63	1A77	1A8B	1A9F	1AB3	1AC7	1ADB	1AEF	1B03
Z16		18AC	18C0	18D4	18E8	18FC	1910	1924	1938	194C	1960	1974	1988	199C	19B0	19C4	19D8	19EC	1A00	1A14	1A28	1A3C	1A50	1A64	1A78	1A8C	1AA0	1AB4	1AC8	1ADC	1AF0	1B04
Trans Timeout	S01	18AD	18C1	18D5	18E9	18FD	1911	1925	1939	194D	1961	1975	1989	199D	19B1	19C5	19D9	19ED	1A01	1A15	1A29	1A3D	1A51	1A65	1A79	1A8D	1AA1	1AB5	1AC9	1ADD	1AF1	1B05
Low Battery	S02	18AE	18C2	18D6	18EA	18FE	1912	1926	193A	194E	1962	1976	198A	199E	19B2	19C6	19DA	19EE	1A02	1A16	1A2A	1A3E	1A52	1A66	1A7A	1A8E	1AA2	1AB6	1ACA	1ADE	1AF2	1B06
Spare	S03	18AF	18C3	18D7	18EB	18FF	1913	1927	193B	194F	1963	1977	198B	199F	19B3	19C7	19DB	19EF	1A03	1A17	1A2B	1A3F	1A53	1A67	1A7B	1A8F	1AA3	1AB7	1ACB	1ADF	1AF3	1B07
Spare	S04	18B0	18C4	18D8	18EC	1900	1914	1928	193C	1950	1964	1978	198C	19A0	19B4	19C8	19DC	19F0	1A04	1A18	1A2C	1A40	1A54	1A68	1A7C	1A90	1AA4	1AB8	1ACC	1AE0	1AF4	1B08
Exp 8 Zone	M																															
Z01		2059	206A	207B	208C	209D	20AE	20BF	20D0	20E1	20F2	2103	2114	2125	2136	2147	2158	2169	217A	218B	219C	21AD	21BE	21CF	21E0	21F1	2202	2213	2224	2235	2246	2257
Z02		205A	206B	207C	208D	209E	20AF	20C0	20D1	20E2	20F3	2104	2115	2126	2137	2148	2159	216A	217B	218C	219D	21AE	21BF	21D0	21E1	21F2	2203	2214	2225	2236	2247	2258
Z03		205B	206C	207D	208E	209F	20B0	20C1	20D2	20E3	20F4	2105	2116	2127	2138	2149	215A	216B	217C	218D	219E	21AF	21C0	21D1	21E2	21F3	2204	2215	2226	2237	2248	

	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65
R																																		
Z01	145D	146D	147D	148D	149D	14AD	14BD	14CD	14DD	14ED	14FD	150D	151D	152D	153D	154D	155D	156D	157D	158D	159D	15AD	15BD	15CD	15DD	15ED	15FD	160D	161D	162D	163D	164D	165D	166D
Z02	145E	146E	147E	148E	149E	14AE	14BE	14CE	14DE	14EE	14FE	150E	151E	152E	153E	154E	155E	156E	157E	158E	159E	15AE	15BE	15CE	15DE	15EE	15FE	160E	161E	162E	163E	164E	165E	166E
Z03	145F	146F	147F	148F	149F	14AF	14BF	14CF	14DF	14EF	14FF	150F	151F	152F	153F	154F	155F	156F	157F	158F	159F	15AF	15BF	15CF	15DF	15EF	15FF	160F	161F	162F	163F	164F	165F	166F
Z04	1460	1470	1480	1490	14A0	14B0	14C0	14D0	14E0	14F0	1500	1510	1520	1530	1540	1550	1560	1570	1580	1590	15A0	15B0	15C0	15D0	15E0	15F0	1600	1610	1620	1630	1640	1650	1660	1670
Z05	1461	1471	1481	1491	14A1	14B1	14C1	14D1	14E1	14F1	1501	1511	1521	1531	1541	1551	1561	1571	1581	1591	15A1	15B1	15C1	15D1	15E1	15F1	1601	1611	1621	1631	1641	1651	1661	1671
Z06	1462	1472	1482	1492	14A2	14B2	14C2	14D2	14E2	14F2	1502	1512	1522	1532	1542	1552	1562	1572	1582	1592	15A2	15B2	15C2	15D2	15E2	15F2	1602	1612	1622	1632	1642	1652	1662	1672
Z07	1463	1473	1483	1493	14A3	14B3	14C3	14D3	14E3	14F3	1503	1513	1523	1533	1543	1553	1563	1573	1583	1593	15A3	15B3	15C3	15D3	15E3	15F3	1603	1613	1623	1633	1643	1653	1663	1673
Z08	1464	1474	1484	1494	14A4	14B4	14C4	14D4	14E4	14F4	1504	1514	1524	1534	1544	1554	1564	1574	1584	1594	15A4	15B4	15C4	15D4	15E4	15F4	1604	1614	1624	1634	1644	1654	1664	1674
S01	1465	1475	1485	1495	14A5	14B5	14C5	14D5	14E5	14F5	1505	1515	1525	1535	1545	1555	1565	1575	1585	1595	15A5	15B5	15C5	15D5	15E5	15F5	1605	1615	1625	1635	1645	1655	1665	1675
S02	1466	1476	1486	1496	14A6	14B6	14C6	14D6	14E6	14F6	1506	1516	1526	1536	1546	1556	1566	1576	1586	1596	15A6	15B6	15C6	15D6	15E6	15F6	1606	1616	1626	1636	1646	1656	1666	1676
S03	1467	1477	1487	1497	14A7	14B7	14C7	14D7	14E7	14F7	1507	1517	1527	1537	1547	1557	1567	1577	1587	1597	15A7	15B7	15C7	15D7	15E7	15F7	1607	1617	1627	1637	1647	1657	1667	1677
S04	1468	1478	1488	1498	14A8	14B8	14C8	14D8	14E8	14F8	1508	1518	1528	1538	1548	1558	1568	1578	1588	1598	15A8	15B8	15C8	15D8	15E8	15F8	1608	1618	1628	1638	1648	1658	1668	1678
S05	1469	1479	1489	1499	14A9	14B9	14C9	14D9	14E9	14F9	1509	1519	1529	1539	1549	1559	1569	1579	1589	1599	15A9	15B9	15C9	15D9	15E9	15F9	1609	1619	1629	1639	1649	1659	1669	1679
S06	146A	147A	148A	149A	14AA	14BA	14CA	14DA	14EA	14FA	150A	151A	152A	153A	154A	155A	156A	157A	158A	159A	15AA	15BA	15CA	15DA	15EA	15FA	160A	161A	162A	163A	164A	165A	166A	167A
S07	146B	147B	148B	149B	14AB	14BB	14CB	14DB	14EB	14FB	150B	151B	152B	153B	154B	155B	156B	157B	158B	159B	15AB	15BB	15CB	15DB	15EB	15FB	160B	161B	162B	163B	164B	165B	166B	167B
S08	146C	147C	148C	149C	14AC	14BC	14CC	14DC	14EC	14FC	150C	151C	152C	153C	154C	155C	156C	157C	158C	159C	15AC	15BC	15CC	15DC	15EC	15FC	160C	161C	162C	163C	164C	165C	166C	167C
N																																		
Z01	1B09	1B1D	1B31	1B45	1B59	1B6D	1B81	1B95	1BA9	1BBD	1BD1	1BE5	1BF9	1C0D	1C21	1C35	1C49	1C5D	1C71	1C85	1C99	1CAD	1CC1	1CD5	1CE9	1CFD	1D11	1D25	1D39	1D4D	1D61	1D75	1D89	1D9D
Z02	1B0A	1B1E	1B32	1B46	1B5A	1B6E	1B82	1B96	1BAA	1BBE	1BD2	1BE6	1BFA	1C0E	1C22	1C36	1C4A	1C5E	1C72	1C86	1C9A	1CAE	1CC2	1CD6	1CEA	1CFE	1D12	1D26	1D3A	1D4E	1D62	1D76	1D8A	1D9E
Z03	1B0B	1B1F	1B33	1B47	1B5B	1B6F	1B83	1B97	1BAB	1BBF	1BD3	1BE7	1BFB	1C0F	1C23	1C37	1C4B	1C5F	1C73	1C87	1C9B	1CAF	1CC3	1CD7	1CEB	1CFF	1D13	1D27	1D3B	1D4F	1D63	1D77	1D8B	1D9F
Z04	1B0C	1B20	1B34	1B48	1B5C	1B70	1B84	1B98	1BAC	1BC0	1BD4	1BE8	1BFC	1C10	1C24	1C38	1C4C	1C60	1C74	1C88	1C9C	1CB0	1CC4	1CD8	1CED	1D00	1D14	1D28	1D3C	1D50	1D64	1D78	1D8C	1DA0
Z05	1B0D	1B21	1B35	1B49	1B5D	1B71	1B85	1B99	1BAD	1BC1	1BD5	1BE9	1BFD	1C11	1C25	1C39	1C4D	1C61	1C75	1C89	1C9D	1CB1	1CC5	1CD9	1CED	1D01	1D15	1D29	1D3D	1D51	1D65	1D79	1D8D	1DA1
Z06	1B0E	1B22	1B36	1B4A	1B5E	1B72	1B86	1B9A	1BAE	1BC2	1BD6	1BEA	1BFE	1C12	1C26	1C3A	1C4E	1C62	1C76	1C8A	1C9E	1CB2	1CC6	1CD9	1CEE	1D02	1D16	1D2A	1D3E	1D52	1D66	1D7A	1D8E	1DA2
Z07	1B0F	1B23	1B37	1B4B	1B5F	1B73	1B87	1B9B	1BAF	1BC3	1BD7	1BEB	1BFF	1C13	1C27	1C3B	1C4F	1C63	1C77	1C8B	1C9F	1CB3	1CC7	1CDB	1CEF	1D03	1D17	1D2B	1D3F	1D53	1D67	1D7B	1D8F	1DA3
Z08	1B10	1B24	1B38	1B4C	1B60	1B74	1B88	1B9C	1BB0	1BC4	1BD8	1BEC	1C00	1C14	1C28	1C3C	1C50	1C64	1C78	1C8C	1CA0	1CB4	1CC8	1CDC	1CF0	1D04	1D18	1D2C	1D40	1D54	1D68	1D7C	1D90	1DA4
Z09	1B11	1B25	1B39	1B4D	1B61	1B75	1B89	1B9D	1BB1	1BC5	1BD9	1BED	1C01	1C15	1C29	1C3D	1C51	1C65	1C79	1C8D	1CA1	1CB5	1CC9	1CDD	1CF1	1D05	1D19	1D2D	1D41	1D55	1D69	1D7D	1D91	1DA5
Z10	1B12	1B26	1B3A	1B4E	1B62	1B76	1B8A	1B9E	1BB2	1BC6	1BDA	1BEE	1C02	1C16	1C2A	1C3E	1C52	1C66	1C7A	1C8E	1CA2	1CB6	1CCA	1CDE	1CF2	1D06	1D1A	1D2E	1D42	1D56	1D6A	1D7E	1D92	1DA6
Z11	1B13	1B27	1B3B	1B4F	1B63	1B77	1B8B	1B9F	1BB3	1BC7	1BDB	1BEF	1C03	1C17	1C2B	1C3F	1C53	1C67	1C7B	1C8F	1CA3	1CB7	1CCB	1CDF	1CF3	1D07	1D1B	1D2F	1D43	1D57	1D6B	1D7F	1D93	1DA7
Z12	1B14	1B28	1B3C	1B50	1B64	1B78	1B8C	1BA0	1BB4	1BC8	1BDC	1BF0	1C04	1C18	1C2C	1C40	1C54	1C68	1C7C	1C90	1CA4	1CB8	1CCC	1CE0	1CF4	1D08	1D1C	1D30	1D44	1D58	1D6C	1D80	1D94	1DA8
Z13	1B15	1B29	1B3D	1B51	1B65	1B79	1B8D	1BA1	1BB5	1BC9	1BDD	1BF1	1C05	1C19	1C2D	1C41	1C55	1C69	1C7D	1C91	1CA5	1CB9	1CCD	1CE1	1CF5	1D09	1D1D	1D31	1D45	1D59	1D6D	1D81	1D95	1DA9
Z14	1B16	1B2A	1B3E	1B52	1B66	1B7A	1B8E	1BA2	1BB6	1BCA	1BDE	1BF2	1C06	1C1A	1C2E	1C42	1C56	1C6A	1C7E	1C92	1CA6	1CBA	1CCE	1CE2	1CF6	1D0A	1D1E	1D32	1D46	1D5A	1D6E	1D82	1D96	1DAA
Z15	1B17	1B2B	1B3F	1B53	1B67	1B7B	1B8F	1BA3	1BB7	1BCB	1BDF	1BF3	1C07	1C1B	1C2F	1C43	1C57	1C6B	1C7F	1C93	1CA7	1CBB	1CCF	1CE3	1CF7	1D0B	1D1F	1D33	1D47	1D5B	1D6F	1D83	1D97	1DAB
Z16	1B18	1B2C	1B40	1B54	1B68	1B7C	1B90	1BA4	1BB8	1BCC	1BE0	1BF4	1C08	1C1C	1C30	1C44	1C58	1C6C	1C80	1C94	1CA8	1CBC	1CD0	1CE4	1CF8	1D0C	1D20	1D34	1D48	1D5C	1D70	1D84	1D98	1DAC
S01	1B19	1B2D	1B41	1B55	1B69	1B7D	1B91	1BA5	1BB9	1BCD	1BE1	1BF5	1C09	1C1D	1C31	1C45	1C59	1C6D	1C81	1C95	1CA9	1CBD	1CD1	1CE5	1CF9	1D0D	1D21	1D35	1D49	1D5D	1D71	1D85	1D99	1DAD
S02	1B1A	1B2E	1B42	1B56	1B6A	1B7E	1B92	1BA6	1BBA	1BCE	1BE2	1BF6	1C0A	1C1E	1C32	1C46	1C5A	1C6E	1C82	1C96	1CAA	1CBE	1CD2	1CE6	1CFA	1D0E	1D22	1D36	1D4A	1D5E	1D72	1D86	1D9A	1DAE
S03	1B1B	1B2F	1B43	1B57	1B6B	1B7F	1B93	1BA7	1BBB	1BCF	1BE3	1BF7	1C0B	1C1F	1C33	1C47	1C5B	1C6F	1C83	1C97	1CAB	1CBF	1CD3	1CE7	1CFB	1D0F	1D23	1D37	1D4B	1D5F	1D73	1D87	1D9B	1DAF
S04	1B1C	1B30	1B44	1B58	1B6C	1B80	1B94	1BA8	1BBC	1BD0	1BE4	1BF8	1C0C	1C20	1C34	1C48	1C5C	1C70	1C84	1C98	1CAC	1CC0	1CD4	1CE8	1CFC	1D10	1D24	1D38	1D4C	1D60	1D74	1D88	1D9C	1DB0
M																																		
Z01	2268	2279	228A	229B	22AC	22BD	22CE	22DF	22F0	2301	2312	2323	2334	2345	2356	2367	2378	2389	239A	23AB	23BC	23CD	23DE	23EF	2400									

	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99
R																																		
Z01	167D	168D	169D	16AD	16BD	16CD	16DD	16ED	16FD	170D	171D	172D	173D	174D	175D	176D	177D	178D	179D	17AD	17BD	17CD	17DD	17ED	17FD	180D	181D	182D	183D	184D	185D	186D	187D	188D
Z02	167E	168E	169E	16AE	16BE	16CE	16DE	16EE	16FE	170E	171E	172E	173E	174E	175E	176E	177E	178E	179E	17AE	17BE	17CE	17DE	17EE	17FE	180E	181E	182E	183E	184E	185E	186E	187E	188E
Z03	167F	168F	169F	16AF	16BF	16CF	16DF	16EF	16FF	170F	171F	172F	173F	174F	175F	176F	177F	178F	179F	17AF	17BF	17CF	17DF	17EF	17FF	180F	181F	182F	183F	184F	185F	186F	187F	188F
Z04	1680	1690	16A0	16B0	16C0	16D0	16E0	16F0	1700	1710	1720	1730	1740	1750	1760	1770	1780	1790	17A0	17B0	17C0	17D0	17E0	17F0	1800	1810	1820	1830	1840	1850	1860	1870	1880	1890
Z05	1681	1691	16A1	16B1	16C1	16D1	16E1	16F1	1701	1711	1721	1731	1741	1751	1761	1771	1781	1791	17A1	17B1	17C1	17D1	17E1	17F1	1801	1811	1821	1831	1841	1851	1861	1871	1881	1891
Z06	1682	1692	16A2	16B2	16C2	16D2	16E2	16F2	1702	1712	1722	1732	1742	1752	1762	1772	1782	1792	17A2	17B2	17C2	17D2	17E2	17F2	1802	1812	1822	1832	1842	1852	1862	1872	1882	1892
Z07	1683	1693	16A3	16B3	16C3	16D3	16E3	16F3	1703	1713	1723	1733	1743	1753	1763	1773	1783	1793	17A3	17B3	17C3	17D3	17E3	17F3	1803	1813	1823	1833	1843	1853	1863	1873	1883	1893
Z08	1684	1694	16A4	16B4	16C4	16D4	16E4	16F4	1704	1714	1724	1734	1744	1754	1764	1774	1784	1794	17A4	17B4	17C4	17D4	17E4	17F4	1804	1814	1824	1834	1844	1854	1864	1874	1884	1894
S01	1685	1695	16A5	16B5	16C5	16D5	16E5	16F5	1705	1715	1725	1735	1745	1755	1765	1775	1785	1795	17A5	17B5	17C5	17D5	17E5	17F5	1805	1815	1825	1835	1845	1855	1865	1875	1885	1895
S02	1686	1696	16A6	16B6	16C6	16D6	16E6	16F6	1706	1716	1726	1736	1746	1756	1766	1776	1786	1796	17A6	17B6	17C6	17D6	17E6	17F6	1806	1816	1826	1836	1846	1856	1866	1876	1886	1896
S03	1687	1697	16A7	16B7	16C7	16D7	16E7	16F7	1707	1717	1727	1737	1747	1757	1767	1777	1787	1797	17A7	17B7	17C7	17D7	17E7	17F7	1807	1817	1827	1837	1847	1857	1867	1877	1887	1897
S04	1688	1698	16A8	16B8	16C8	16D8	16E8	16F8	1708	1718	1728	1738	1748	1758	1768	1778	1788	1798	17A8	17B8	17C8	17D8	17E8	17F8	1808	1818	1828	1838	1848	1858	1868	1878	1888	1898
S05	1689	1699	16A9	16B9	16C9	16D9	16E9	16F9	1709	1719	1729	1739	1749	1759	1769	1779	1789	1799	17A9	17B9	17C9	17D9	17E9	17F9	1809	1819	1829	1839	1849	1859	1869	1879	1889	1899
S06	168A	169A	16AA	16BA	16CA	16DA	16EA	16FA	170A	171A	172A	173A	174A	175A	176A	177A	178A	179A	17AA	17BA	17CA	17DA	17EA	17FA	180A	181A	182A	183A	184A	185A	186A	187A	188A	189A
S07	168B	169B	16AB	16BB	16CB	16DB	16EB	16FB	170B	171B	172B	173B	174B	175B	176B	177B	178B	179B	17AB	17BB	17CB	17DB	17EB	17FB	180B	181B	182B	183B	184B	185B	186B	187B	188B	189B
S08	168C	169C	16AC	16BC	16CC	16DC	16EC	16FC	170C	171C	172C	173C	174C	175C	176C	177C	178C	179C	17AC	17BC	17CC	17DC	17EC	17FC	180C	181C	182C	183C	184C	185C	186C	187C	188C	189C
N																																		
Z01	1DB1	1DC5	1DD9	1DED	1E01	1E15	1E29	1E3D	1E51	1E65	1E79	1E8D	1EA1	1EB5	1EC9	1EDD	1EF1	1F05	1F19	1F2D	1F41	1F55	1F69	1F7D	1F91	1FA5	1FB9	1FCD	1FE1	1FF5	2009	201D	2031	2045
Z02	1DB2	1DC6	1DDA	1DEE	1E02	1E16	1E2A	1E3E	1E52	1E66	1E7A	1E8E	1EA2	1EB6	1ECA	1EDE	1EF2	1F06	1F1A	1F2E	1F42	1F56	1F6A	1F7E	1F92	1FA6	1FBA	1FCE	1FE2	1FF6	200A	201E	2032	2046
Z03	1DB3	1DC7	1ddb	1DEF	1E03	1E17	1E2B	1E3F	1E53	1E67	1E7B	1E8F	1EA3	1EB7	1ECB	1EDF	1EF3	1F07	1F1B	1F2F	1F43	1F57	1F6B	1F7F	1F93	1FA7	1FBB	1FCF	1FE3	1FF7	200B	201F	2033	2047
Z04	1DB4	1DC8	1DDC	1DF0	1E04	1E18	1E2C	1E40	1E54	1E68	1E7C	1E90	1EA4	1EB8	1ECC	1EE0	1EF4	1F08	1F1C	1F30	1F44	1F58	1F6C	1F80	1F94	1FA8	1FBC	1FD0	1FE4	1FF8	200C	2020	2034	2048
Z05	1DB5	1DC9	1DDD	1DF1	1E05	1E19	1E2D	1E41	1E55	1E69	1E7D	1E91	1EA5	1EB9	1ECD	1EE1	1EF5	1F09	1F1D	1F31	1F45	1F59	1F6D	1F81	1F95	1FA9	1FBD	1FD1	1FE5	1FF9	200D	2021	2035	2049
Z06	1DB6	1DCA	1DDE	1DF2	1E06	1E1A	1E2E	1E42	1E56	1E6A	1E7E	1E92	1EA6	1EBA	1ECE	1EE2	1EF6	1F0A	1F1E	1F32	1F46	1F5A	1F6E	1F82	1F96	1FAA	1FBE	1FD2	1FE6	1FFA	200E	2022	2036	204A
Z07	1DB7	1DCB	1DDF	1DF3	1E07	1E1B	1E2F	1E43	1E57	1E6B	1E7F	1E93	1EA7	1EBB	1ECF	1EE3	1EF7	1F0B	1F1F	1F33	1F47	1F5B	1F6F	1F83	1F97	1FAB	1FBF	1FD3	1FE7	1FFB	200F	2023	2037	204B
Z08	1DB8	1DCC	1DE0	1DF4	1E08	1E1C	1E30	1E44	1E58	1E6C	1E80	1E94	1EA8	1EBC	1ED0	1EE4	1EF8	1F0C	1F20	1F34	1F48	1F5C	1F70	1F84	1F98	1FAC	1FC0	1FD4	1FE8	1FFC	2010	2024	2038	204C
Z09	1DB9	1DCD	1DE1	1DF5	1E09	1E1D	1E31	1E45	1E59	1E6D	1E81	1E95	1EA9	1EBD	1ED1	1EE5	1EF9	1F0D	1F21	1F35	1F49	1F5D	1F71	1F85	1F99	1FAD	1FC1	1FD5	1FE9	1FFD	2011	2025	2039	204D
Z10	1DBA	1DCE	1DE2	1DF6	1E0A	1E1E	1E32	1E46	1E5A	1E6E	1E82	1E96	1EAA	1EBE	1ED2	1EE6	1EFA	1F0E	1F22	1F36	1F4A	1F5E	1F72	1F86	1F9A	1FAE	1FC2	1FD6	1FEA	1FFE	2012	2026	203A	204E
Z11	1DBB	1DCF	1DE3	1DF7	1E0B	1E1F	1E33	1E47	1E5B	1E6F	1E83	1E97	1EAB	1EBF	1ED3	1EE7	1EFB	1F0F	1F23	1F37	1F4B	1F5F	1F73	1F87	1F9B	1FAF	1FC3	1FD7	1FEB	1FFF	2013	2027	203B	204F
Z12	1DBC	1DD0	1DE4	1DF8	1E0C	1E20	1E34	1E48	1E5C	1E70	1E84	1E98	1EAC	1EC0	1ED4	1EE8	1EFC	1F10	1F24	1F38	1F4C	1F60	1F74	1F88	1F9C	1FB0	1FC4	1FD8	1FEC	2000	2014	2028	203C	2050
Z13	1DBD	1DD1	1DE5	1DF9	1E0D	1E21	1E35	1E49	1E5D	1E71	1E85	1E99	1EAD	1EC1	1ED5	1EE9	1EFD	1F11	1F25	1F39	1F4D	1F61	1F75	1F89	1F9D	1FB1	1FC5	1FD9	1FED	2001	2015	2029	203D	2051
Z14	1DBE	1DD2	1DE6	1DFA	1E0E	1E22	1E36	1E4A	1E5E	1E72	1E86	1E9A	1EAE	1EC2	1ED6	1EEA	1EFE	1F12	1F26	1F3A	1F4E	1F62	1F76	1F8A	1F9E	1FB2	1FC6	1FDA	1FEE	2002	2016	202A	203E	2052
Z15	1DBF	1DD3	1DE7	1DFB	1E0F	1E23	1E37	1E4B	1E5F	1E73	1E87	1E9B	1EAF	1EC3	1ED7	1EEB	1EFF	1F13	1F27	1F3B	1F4F	1F63	1F77	1F8B	1F9F	1FB3	1FC7	1FDB	1FEF	2003	2017	202B	203F	2053
Z16	1DC0	1DD4	1DE8	1DFC	1E10	1E24	1E38	1E4C	1E60	1E74	1E88	1E9C	1EB0	1EC4	1ED8	1EEC	1F00	1F14	1F28	1F3C	1F50	1F64	1F78	1F8C	1FA0	1FB4	1FC8	1FDC	1FF0	2004	2018	202C	2040	2054
S01	1DC1	1DD5	1DE9	1DFD	1E11	1E25	1E39	1E4D	1E61	1E75	1E89	1E9D	1EB1	1EC5	1ED9	1EED	1F01	1F15	1F29	1F3D	1F51	1F65	1F79	1F8D	1FA1	1FB5	1FC9	1FDD	1FF1	2005	2019	202D	2041	2055
S02	1DC2	1DD6	1DEA	1DFE	1E12	1E26	1E3A	1E4E	1E62	1E76	1E8A	1E9E	1EB2	1EC6	1EDA	1EEE	1F02	1F16	1F2A	1F3E	1F52	1F66	1F7A	1F8E	1FA2	1FB6	1FCA	1FDE	1FF2	2006	201A	202E	2042	2056
S03	1DC3	1DD7	1DEB	1DFF	1E13	1E27	1E3B	1E4F	1E63	1E77	1E8B	1E9F	1EB3	1EC7	1EDB	1EEF	1F03	1F17	1F2B	1F3F	1F53	1F67	1F7B	1F8F	1FA3	1FB7	1FCB	1FDF	1FF3	2007	201B	202F	2043	2057
S04	1DC4	1DD8	1DEC	1E00	1E14	1E28	1E3C	1E50	1E64	1E78	1E8C	1EA0	1EB4	1EC8	1EDC	1EF0	1F04	1F18	1F2C	1F40	1F54	1F68	1F7C	1F90	1FA4	1FB8	1FCC	1FE0	1FF4	2008	201C	2030	2044	2058
M																																		
Z01	24AA	24BB	24CC	24DD	24EE	24FF	2510	2521	2532	2543	2554	2565	2576	2587	2598	25A9	25BA	25CB	25DC	25ED	25FE	260F	2620	2631	2642	2653	2664	2675	2686	2697	26A8	26B9		

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Exp 8 Zone	M																															
Low Volts.	S01	2061	2072	2083	2094	20A5	20B6	20C7	20D8	20E9	20FA	210B	211C	212D	213E	214F	2160	2171	2182	2193	21A4	21B5	21C6	21D7	21E8	21F9	220A	221B	222C	223D	224E	225F
Zone 1 Extra	S02	2062	2073	2084	2095	20A6	20B7	20C8	20D9	20EA	20FB	210C	211D	212E	213F	2150	2161	2172	2183	2194	21A5	21B6	21C7	21D8	21E9	21FA	220B	221C	222D	223E	224F	2260
Zone 2 Extra	S03	2063	2074	2085	2096	20A7	20B8	20C9	20DA	20EB	20FC	210D	211E	212F	2140	2151	2162	2173	2184	2195	21A6	21B7	21C8	21D9	21EA	21FB	220C	221D	222E	223F	2250	2261
Zone 3 Extra	S04	2064	2075	2086	2097	20A8	20B9	20CA	20DB	20EC	20FD	210E	211F	2130	2141	2152	2163	2174	2185	2196	21A7	21B8	21C9	21DA	21EB	21FC	220D	221E	222F	2240	2251	2262
Zone 4 Extra	S05	2065	2076	2087	2098	20A9	20BA	20CB	20DC	20ED	20FE	210F	2120	2131	2142	2153	2164	2175	2186	2197	21A8	21B9	21CA	21DB	21EC	21FD	220E	221F	2230	2241	2252	2263
Zone 5 Extra	S06	2066	2077	2088	2099	20AA	20BB	20CC	20DD	20EE	20FF	2110	2121	2132	2143	2154	2165	2176	2187	2198	21A9	21BA	21CB	21DC	21ED	21FE	220F	2220	2231	2242	2253	2264
Zone 6 Extra	S07	2067	2078	2089	209A	20AB	20BC	20CD	20DE	20EF	2100	2111	2122	2133	2144	2155	2166	2177	2188	2199	21AA	21BB	21CC	21DD	21EE	21FF	2210	2221	2232	2243	2254	2265
Zone 7 Extra	S08	2068	2079	208A	209B	20AC	20BD	20CE	20DF	20F0	2101	2112	2123	2134	2145	2156	2167	2178	2189	219A	21AB	21BC	21CD	21DE	21EF	2200	2211	2222	2233	2244	2255	2266
LAN fail	S09	2069	207A	208B	209C	20AD	20BE	20CF	20E0	20F1	2102	2113	2124	2135	2146	2157	2168	2179	218A	219B	21AC	21BD	21CE	21DF	21FO	2201	2212	2223	2234	2245	2256	2267
Exp 16 Zone	E																															
Z01		26EC	2706	2720	273A	2754	276E	2788	27A2	27BC	27D6	27F0	280A	2824	283E	2858	2872	288C	28A6	28C0	28DA	28F4	290E	2928	2942	295C	2976	2990	29AA	29C4	29DE	29F8
Z02		26ED	2707	2721	273B	2755	276F	2789	27A3	27BD	27D7	27F1	280B	2825	283F	2859	2873	288D	28A7	28C1	28DB	28F5	290F	2929	2943	295D	2977	2991	29AB	29C5	29DF	29F9
Z03		26EE	2708	2722	273C	2756	2770	278A	27A4	27BE	27D8	27F2	280C	2826	2840	285A	2874	288E	28A8	28C2	28DC	28F6	2910	292A	2944	295E	2978	2992	29AC	29C6	29E0	29FA
Z04		26EF	2709	2723	273D	2757	2771	278B	27A5	27BF	27D9	27F3	280D	2827	2841	285B	2875	288F	28A9	28C3	28DD	28F7	2911	292B	2945	295F	2979	2993	29AD	29C7	29E1	29FB
Z05		26F0	270A	2724	273E	2758	2772	278C	27A6	27C0	27DA	27F4	280E	2828	2842	285C	2876	2890	28AA	28C4	28DE	28F8	2912	292C	2946	2960	297A	2994	29AE	29C8	29E2	29FC
Z06		26F1	270B	2725	273F	2759	2773	278D	27A7	27C1	27DB	27F5	280F	2829	2843	285D	2877	2891	28AB	28C5	28DF	28F9	2913	292D	2947	2961	297B	2995	29AF	29C9	29E3	29FD
Z07		26F2	270C	2726	2740	275A	2774	278E	27A8	27C2	27DC	27F6	2810	282A	2844	285E	2878	2892	28AC	28C6	28E0	28FA	2914	292E	2948	2962	297C	2996	29B0	29CA	29E4	29FE
Z08		26F3	270D	2727	2741	275B	2775	278F	27A9	27C3	27DD	27F7	2811	282B	2845	285F	2879	2893	28AD	28C7	28E1	28FB	2915	292F	2949	2963	297D	2997	29B1	29CB	29E5	29FF
Z09		26F4	270E	2728	2742	275C	2776	2790	27AA	27C4	27DE	27F8	2812	282C	2846	2860	287A	2894	28AE	28C8	28E2	28FC	2916	2930	294A	2964	297E	2998	29B2	29CC	29E6	2A00
Z10		26F5	270F	2729	2743	275D	2777	2791	27AB	27C5	27DF	27F9	2813	282D	2847	2861	287B	2895	28AF	28C9	28E3	28FD	2917	2931	294B	2965	297F	2999	29B3	29CD	29E7	2A01
Z11		26F6	2710	272A	2744	275E	2778	2792	27AC	27C6	27E0	27FA	2814	282E	2848	2862	287C	2896	28B0	28CA	28E4	28FE	2918	2932	294C	2966	2980	299A	29B4	29CE	29E8	2A02
Z12		26F7	2711	272B	2745	275F	2779	2793	27AD	27C7	27E1	27FB	2815	282F	2849	2863	287D	2897	28B1	28CB	28E5	28FF	2919	2933	294D	2967	2981	299B	29B5	29CF	29E9	2A03
Z13		26F8	2712	272C	2746	2760	277A	2794	27AE	27C8	27E2	27FC	2816	2830	284A	2864	287E	2898	28B2	28CC	28E6	2900	291A	2934	294E	2968	2982	299C	29B6	29D0	29EA	2A04
Z14		26F9	2713	272D	2747	2761	277B	2795	27AF	27C9	27E3	27FD	2817	2831	284B	2865	287F	2899	28B3	28CD	28E7	2901	291B	2935	294F	2969	2983	299D	29B7	29D1	29EB	2A05
Z15		26FA	2714	272E	2748	2762	277C	2796	27B0	27CA	27E4	27FE	2818	2832	284C	2866	2880	289A	28B4	28CE	28E8	2902	291C	2936	2950	296A	2984	299E	29B8	29D2	29EC	2A06
Z16		26FB	2715	272F	2749	2763	277D	2797	27B1	27CB	27E5	27FF	2819	2833	284D	2867	2881	289B	28B5	28CF	28E9	2903	291D	2937	2951	296B	2985	299F	29B9	29D3	29ED	2A07
Cabinet tamp	S01	26FC	2716	2730	274A	2764	277E	2798	27B2	27CC	27E6	2800	281A	2834	284E	2868	2882	289C	28B6	28D0	28EA	2904	291E	2938	2952	296C	2986	29A0	29BA	29D4	29EE	2A08
Int siren tamp	S02	26FD	2717	2731	274B	2765	277F	2799	27B3	27CD	27E7	2801	281B	2835	284F	2869	2883	289D	28B7	28D1	28EB	2905	291F	2939	2953	296D	2987	29A1	29BB	29D5	29EF	2A09
Ext siren tamp	S03	26FE	2718	2732	274C	2766	2780	279A	27B4	27CE	27E8	2802	281C	2836	2850	286A	2884	289E	28B8	28D2	28EC	2906	2920	293A	2954	296E	2988	29A2	29BC	29D6	29F0	2A0A
AC fail.	S04	26FF	2719	2733	274D	2767	2781	279B	27B5	27CF	27E9	2803	281D	2837	2851	286B	2885	289F	28B9	28D3	28ED	2907	2921	293B	2955	296F	2989	29A3	29BD	29D7	29F1	2A0B
Low battery.	S05	2700	271A	2734	274E	2768	2782	279C	27B6	27D0	27EA	2804	281E	2838	2852	286C	2886	28A0	28BA	28D4	28EE	2908	2922	293C	2956	2970	298A	29A4	29BE	29D8	29F2	2A0C
LAN fuse	S06	2701	271B	2735	274F	2769	2783	279D	27B7	27D1	27EB	2805	281F	2839	2853	286D	2887	28A1	28BB	28D5	28EF	2909	2923	293D	2957	2971	298B	29A5	29BF	29D9	29F3	2A0D
Detector fuse	S07	2702	271C	2736	2750	276A	2784	279E	27B8	27D2	27EC	2806	2820	283A	2854	286E	2888	28A2	28BC	28D6	28F0	290A	2924	293E	2958	2972	298C	29A6	29C0	29DA	29F4	2A0E
LAN fail	S08	2703	271D	2737	2751	276B	2785	279F	27B9	27D3	27ED	2807	2821	283B	2855	286F	2889	28A3	28BD	28D7	28F1	290B	2925	293F	2959	2973	298D	29A7	29C1	29DB	29F5	2A0F
Batt test fail	S09	2704	271E	2738	2752	276C	2786	27A0	27BA	27D4	27EE	2808	2822	283C	2856	2870	288A	28A4	28BE	28D8	28F2	290C	2926	2940	295A	2974	298E	29A8	29C2	29DC	29F6	2A10
Spare	S10	2705	271F	2739	2753	276D	2787	27A1	27BB	27D5	27EF	2809	2823	283D	2857	2871	288B	28A5	28BF	28D9	28F3	290D	2927	2941	295B	2975	298F	29A9	29C3	29DD	29F7	2A11

	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65
M																																		
S01	2270	2281	2292	22A3	22B4	22C5	22D6	22E7	22F8	2309	231A	232B	233C	234D	235E	236F	2380	2391	23A2	23B3	23C4	23D5	23E6	23F7	2408	2419	242A	243B	244C	245D	246E	247F	2490	24A1
S02	2271	2282	2293	22A4	22B5	22C6	22D7	22E8	22F9	230A	231B	232C	233D	234E	235F	2370	2381	2392	23A3	23B4	23C5	23D6	23E7	23F8	2409	241A	242B	243C	244D	245E	246F	2480	2491	24A2
S03	2272	2283	2294	22A5	22B6	22C7	22D8	22E9	22FA	230B	231C	232D	233E	234F	2360	2371	2382	2393	23A4	23B5	23C6	23D7	23E8	23F9	240A	241B	242C	243D	244E	245F	2470	2481	2492	24A3
S04	2273	2284	2295	22A6	22B7	22C8	22D9	22EA	22FB	230C	231D	232E	233F	2350	2361	2372	2383	2394	23A5	23B6	23C7	23D8	23E9	23FA	240B	241C	242D	243E	244F	2460	2471	2482	2493	24A4
S05	2274	2285	2296	22A7	22B8	22C9	22DA	22EB	22FC	230D	231E	232F	2340	2351	2362	2373	2384	2395	23A6	23B7	23C8	23D9	23EA	23FB	240C	241D	242E	243F	2450	2461	2472	2483	2494	24A5
S06	2275	2286	2297	22A8	22B9	22CA	22DB	22EC	22FD	230E	231F	2330	2341	2352	2363	2374	2385	2396	23A7	23B8	23C9	23DA	23EB	23FC	240D	241E	242F	2440	2451	2462	2473	2484	2495	24A6
S07	2276	2287	2298	22A9	22BA	22CB	22DC	22ED	22FE	230F	2320	2331	2342	2353	2364	2375	2386	2397	23A8	23B9	23CA	23DB	23EC	23FD	240E	241F	2430	2441	2452	2463	2474	2485	2496	24A7
S08	2277	2288	2299	22AA	22BB	22CC	22DD	22EE	22FF	2310	2321	2332	2343	2354	2365	2376	2387	2398	23A9	23BA	23CB	23DC	23ED	23FE	240F	2420	2431	2442	2453	2464	2475	2486	2497	24A8
S09	2278	2289	229A	22AB	22BC	22CD	22DE	22EF	2300	2311	2322	2333	2344	2355	2366	2377	2388	2399	23AA	23BB	23CC	23DD	23EE	23FF	2410	2421	2432	2443	2454	2465	2476	2487	2498	24A9
E																																		
Z01	2A12	2A2C	2A46	2A60	2A7A	2A94	2AAE	2AC8	2AE2	2AFC	2B16	2B30	2B4A	2B64	2B7E	2B98	2BB2	2BCC	2BE6	2C00	2C1A	2C34	2C4E	2C68	2C82	2C9C	2CB6	2CD0	2CEA	2D04	2D1E	2D38	2D52	2D6C
Z02	2A13	2A2D	2A47	2A61	2A7B	2A95	2AAF	2AC9	2AE3	2AFD	2B17	2B31	2B4B	2B65	2B7F	2B99	2BB3	2BCD	2BE7	2C01	2C1B	2C35	2C4F	2C69	2C83	2C9D	2CB7	2CD1	2CEB	2D05	2D1F	2D39	2D53	2D6D
Z03	2A14	2A2E	2A48	2A62	2A7C	2A96	2AB0	2ACA	2AE4	2AFE	2B18	2B32	2B4C	2B66	2B80	2B9A	2BB4	2BCE	2BE8	2C02	2C1C	2C36	2C50	2C6A	2C84	2C9E	2CB8	2CD2	2CEC	2D06	2D20	2D3A	2D54	2D6E
Z04	2A15	2A2F	2A49	2A63	2A7D	2A97	2AB1	2ACB	2AE5	2AFF	2B19	2B33	2B4D	2B67	2B81	2B9B	2BB5	2BCF	2BE9	2C03	2C1D	2C37	2C51	2C6B	2C85	2C9F	2CB9	2CD3	2CED	2D07	2D21	2D3B	2D55	2D6F
Z05	2A16	2A30	2A4A	2A64	2A7E	2A98	2AB2	2ACC	2AE6	2B00	2B1A	2B34	2B4E	2B68	2B82	2B9C	2BB6	2BD0	2BEA	2C04	2C1E	2C38	2C52	2C6C	2C86	2CA0	2CBA	2CD4	2CEE	2D08	2D22	2D3C	2D56	2D70
Z06	2A17	2A31	2A4B	2A65	2A7F	2A99	2AB3	2ACD	2AE7	2B01	2B1B	2B35	2B4F	2B69	2B83	2B9D	2BB7	2BD1	2BEB	2C05	2C1F	2C39	2C53	2C6D	2C87	2CA1	2CBB	2CD5	2CEF	2D09	2D23	2D3D	2D57	2D71
Z07	2A18	2A32	2A4C	2A66	2A80	2A9A	2AB4	2ACE	2AE8	2B02	2B1C	2B36	2B50	2B6A	2B84	2B9E	2BB8	2BD2	2BEC	2C06	2C20	2C3A	2C54	2C6E	2C88	2CA2	2CBC	2CD6	2CF0	2D0A	2D24	2D3E	2D58	2D72
Z08	2A19	2A33	2A4D	2A67	2A81	2A9B	2AB5	2ACF	2AE9	2B03	2B1D	2B37	2B51	2B6B	2B85	2B9F	2BB9	2BD3	2BED	2C07	2C21	2C3B	2C55	2C6F	2C89	2CA3	2CBD	2CD7	2CF1	2D0B	2D25	2D3F	2D59	2D73
Z09	2A1A	2A34	2A4E	2A68	2A82	2A9C	2AB6	2AD0	2AEA	2B04	2B1E	2B38	2B52	2B6C	2B86	2BA0	2BBA	2BD4	2BEE	2C08	2C22	2C3C	2C56	2C70	2C8A	2CA4	2CBE	2CD8	2CF2	2D0C	2D26	2D40	2D5A	2D74
Z10	2A1B	2A35	2A4F	2A69	2A83	2A9D	2AB7	2AD1	2AEB	2B05	2B1F	2B39	2B53	2B6D	2B87	2BA1	2BBB	2BD5	2BEF	2C09	2C23	2C3D	2C57	2C71	2C8B	2CA5	2CBF	2CD9	2CF3	2D0D	2D27	2D41	2D5B	2D75
Z11	2A1C	2A36	2A50	2A6A	2A84	2A9E	2AB8	2AD2	2AEC	2B06	2B20	2B3A	2B54	2B6E	2B88	2BA2	2BBC	2BD6	2BF0	2C0A	2C24	2C3E	2C58	2C72	2C8C	2CA6	2CC0	2CDA	2CF4	2D0E	2D28	2D42	2D5C	2D76
Z12	2A1D	2A37	2A51	2A6B	2A85	2A9F	2AB9	2AD3	2AED	2B07	2B21	2B3B	2B55	2B6F	2B89	2BA3	2BBD	2BD7	2BF1	2C0B	2C25	2C3F	2C59	2C73	2C8D	2CA7	2CC1	2CDB	2CF5	2D0F	2D29	2D43	2D5D	2D77
Z13	2A1E	2A38	2A52	2A6C	2A86	2AA0	2ABA	2AD4	2AEE	2B08	2B22	2B3C	2B56	2B70	2B8A	2BA4	2BBE	2BD8	2BF2	2C0C	2C26	2C40	2C5A	2C74	2C8E	2CA8	2CC2	2CDC	2CF6	2D10	2D2A	2D44	2D5E	2D78
Z14	2A1F	2A39	2A53	2A6D	2A87	2AA1	2ABB	2AD5	2AEF	2B09	2B23	2B3D	2B57	2B71	2B8B	2BA5	2BBF	2BD9	2BF3	2C0D	2C27	2C41	2C5B	2C75	2C8F	2CA9	2CC3	2CDD	2CF7	2D11	2D2B	2D45	2D5F	2D79
Z15	2A20	2A3A	2A54	2A6E	2A88	2AA2	2ABC	2AD6	2AF0	2B0A	2B24	2B3E	2B58	2B72	2B8C	2BA6	2BC0	2BDA	2BF4	2C0E	2C28	2C42	2C5C	2C76	2C90	2CAA	2CCA	2CDE	2CF8	2D12	2D2C	2D46	2D60	2D7A
Z16	2A21	2A3B	2A55	2A6F	2A89	2AA3	2ABD	2AD7	2AF1	2B0B	2B25	2B3F	2B59	2B73	2B8D	2BA7	2BC1	2BDB	2BF5	2C0F	2C29	2C43	2C5D	2C77	2C91	2CAB	2CC5	2CDF	2CF9	2D13	2D2D	2D47	2D61	2D7B
S01	2A22	2A3C	2A56	2A70	2A8A	2AA4	2ABE	2AD8	2AF2	2B0C	2B26	2B40	2B5A	2B74	2B8E	2BA8	2BC2	2BDC	2BF6	2C10	2C2A	2C44	2C5E	2C78	2C92	2CAC	2CC6	2CE0	2CFA	2D14	2D2E	2D48	2D62	2D7C
S02	2A23	2A3D	2A57	2A71	2A8B	2AA5	2ABF	2AD9	2AF3	2B0D	2B27	2B41	2B5B	2B75	2B8F	2BA9	2BC3	2BDD	2BF7	2C11	2C2B	2C45	2C5F	2C79	2C93	2CAD	2CC7	2CE1	2CFB	2D15	2D2F	2D49	2D63	2D7D
S03	2A24	2A3E	2A58	2A72	2A8C	2AA6	2AC0	2ADA	2AF4	2B0E	2B28	2B42	2B5C	2B76	2B90	2BAA	2BC4	2BDE	2BF8	2C12	2C2C	2C46	2C60	2C7A	2C94	2CAE	2CC8	2CE2	2CFC	2D16	2D30	2D4A	2D64	2D7E
S04	2A25	2A3F	2A59	2A73	2A8D	2AA7	2AC1	2ADB	2AF5	2B0F	2B29	2B43	2B5D	2B77	2B91	2BAB	2BC5	2BDF	2BF9	2C13	2C2D	2C47	2C61	2C7B	2C95	2CAF	2CC9	2CE3	2CFD	2D17	2D31	2D4B	2D65	2D7F
S05	2A26	2A40	2A5A	2A74	2A8E	2AA8	2AC2	2ADC	2AF6	2B10	2B2A	2B44	2B5E	2B78	2B92	2BAC	2BC6	2BE0	2BFA	2C14	2C2E	2C48	2C62	2C7C	2C96	2CB0	2CCA	2CE4	2CFE	2D18	2D32	2D4C	2D66	2D80
S06	2A27	2A41	2A5B	2A75	2A8F	2AA9	2AC3	2ADD	2AF7	2B11	2B2B	2B45	2B5F	2B79	2B93	2BAD	2BC7	2BE1	2BFB	2C15	2C2F	2C49	2C63	2C7D	2C97	2CB1	2CCB	2CE5	2CFF	2D19	2D33	2D4D	2D67	2D81
S07	2A28	2A42	2A5C	2A76	2A90	2AAA	2AC4	2ADE	2AF8	2B12	2B2C	2B46	2B60	2B7A	2B94	2BAE	2BC8	2BE2	2BFC	2C16	2C30	2C4A	2C64	2C7E	2C98	2CB2	2CCC	2CE6	2D00	2D1A	2D34	2D4E	2D68	2D82
S08	2A29	2A43	2A5D	2A77	2A91	2AAB	2AC5	2ADF	2AF9	2B13	2B2D	2B47	2B61	2B7B	2B95	2BAF	2BC9	2BE3	2BFD	2C17	2C31	2C4B	2C65	2C7F	2C99	2CB3	2CCD	2CE7	2D01	2D1B	2D35	2D4F	2D69	2D83
S09	2A2A	2A44	2A5E	2A78	2A92	2AAC	2AC6	2AE0	2AFA	2B14	2B2E	2B48	2B62	2B7C	2B96	2BB0	2BCA	2BE4	2BFE	2C18	2C32	2C4C	2C66	2C80	2C9A	2CBA	2CCE	2CE8	2D02	2D1C	2D36	2D50	2D6A	2D84
S10	2A2B	2A45	2A5F	2A79	2A93	2AAD	2AC7	2AE1	2AFB	2B15	2B2F	2B49	2B63	2B7D	2B97	2BB1	2BCB	2BE5	2BFF	2C19	2C33	2C4D	2C67	2C81	2C9B	2CB5	2CCF	2CE9	2D03	2D1D	2D37	2D51	2D6B	2D85

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		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Int. Reader	I																															
Z01		30FA	3122	314A	3172	319A	31C2	31EA	3212	323A	3262	328A	32B2	32DA	3302	332A	3352	337A	33A2	33CA	33F2	341A	3442	346A	3492	34BA	34E2	350A	3532	355A	3582	35AA
Z02		30FB	3123	314B	3173	319B	31C3	31EB	3213	323B	3263	328B	32B3	32DB	3303	332B	3353	337B	33A3	33CB	33F3	341B	3443	346B	3493	34BB	34E3	350B	3533	355B	3583	35AB
Z03		30FC	3124	314C	3174	319C	31C4	31EC	3214	323C	3264	328C	32B4	32DC	3304	332C	3354	337C	33A4	33CC	33F4	341C	3444	346C	3494	34BC	34E4	350C	3534	355C	3584	35AC
Z04		30FD	3125	314D	3175	319D	31C5	31ED	3215	323D	3265	328D	32B5	32DD	3305	332D	3355	337D	33A5	33CD	33F5	341D	3445	346D	3495	34BD	34E5	350D	3535	355D	3585	35AD
Z05		30FE	3126	314E	3176	319E	31C6	31EE	3216	323E	3266	328E	32B6	32DE	3306	332E	3356	337E	33A6	33CE	33F6	341E	3446	346E	3496	34BE	34E6	350E	3536	355E	3586	35AE
Z06		30FF	3127	314F	3177	319F	31C7	31EF	3217	323F	3267	328F	32B7	32DF	3307	332F	3357	337F	33A7	33CF	33F7	341F	3447	346F	3497	34BF	34E7	350F	3537	355F	3587	35AF
Z07		3100	3128	3150	3178	31A0	31C8	31F0	3218	3240	3268	3290	32B8	32E0	3308	3330	3358	3380	33A8	33D0	33F8	3420	3448	3470	3498	34C0	34E8	3510	3538	3560	3588	35B0
Z08		3101	3129	3151	3179	31A1	31C9	31F1	3219	3241	3269	3291	32B9	32E1	3309	3331	3359	3381	33A9	33D1	33F9	3421	3449	3471	3499	34C1	34E9	3511	3539	3561	3589	35B1
Z09		3102	312A	3152	317A	31A2	31CA	31F2	321A	3242	326A	3292	32BA	32E2	330A	3332	335A	3382	33AA	33D2	33FA	3422	344A	3472	349A	34C2	34EA	3512	353A	3562	358A	35B2
Z10		3103	312B	3153	317B	31A3	31CB	31F3	321B	3243	326B	3293	32BB	32E3	330B	3333	335B	3383	33AB	33D3	33FB	3423	344B	3473	349B	34C3	34EB	3513	353B	3563	358B	35B3
Z11		3104	312C	3154	317C	31A4	31CC	31F4	321C	3244	326C	3294	32BC	32E4	330C	3334	335C	3384	33AC	33D4	33FC	3424	344C	3474	349C	34C4	34EC	3514	353C	3564	358C	35B4
Z12		3105	312D	3155	317D	31A5	31CD	31F5	321D	3245	326D	3295	32BD	32E5	330D	3335	335D	3385	33AD	33D5	33FD	3425	344D	3475	349D	34C5	34ED	3515	353D	3565	358D	35B5
Z13		3106	312E	3156	317E	31A6	31CE	31F6	321E	3246	326E	3296	32BE	32E6	330E	3336	335E	3386	33AE	33D6	33FE	3426	344E	3476	349E	34C6	34EE	3516	353E	3566	358E	35B6
Z14		3107	312F	3157	317F	31A7	31CF	31F7	321F	3247	326F	3297	32BF	32E7	330F	3337	335F	3387	33AF	33D7	33FF	3427	344F	3477	349F	34C7	34EF	3517	353F	3567	358F	35B7
Z15		3108	3130	3158	3180	31A8	31D0	31F8	3220	3248	3270	3298	32C0	32E8	3310	3338	3360	3388	33B0	33D8	3400	3428	3450	3478	34A0	34C8	34F0	3518	3540	3568	3590	35B8
Z16		3109	3131	3159	3181	31A9	31D1	31F9	3221	3249	3271	3299	32C1	32E9	3311	3339	3361	3389	33B1	33D9	3401	3429	3451	3479	34A1	34C9	34F1	3519	3541	3569	3591	35B9
Lock tam D1	S01	310A	3132	315A	3182	31AA	31D2	31FA	3222	324A	3272	329A	32C2	32EA	3312	333A	3362	338A	33B2	33DA	3402	342A	3452	347A	34A2	34CA	34F2	351A	3542	356A	3592	35BA
Lock tamp D2	S02	310B	3133	315B	3183	31AB	31D3	31FB	3223	324B	3273	329B	32C3	32EB	3313	333B	3363	338B	33B3	33DB	3403	342B	3453	347B	34A3	34CB	34F3	351B	3543	356B	3593	35BB
Lock tamp D3	S03	310C	3134	315C	3184	31AC	31D4	31FC	3224	324C	3274	329C	32C4	32EC	3314	333C	3364	338C	33B4	33DC	3404	342C	3454	347C	34A4	34CC	34F4	351C	3544	356C	3594	35BC
Lock tamp D4	S04	310D	3135	315D	3185	31AD	31D5	31FD	3225	324D	3275	329D	32C5	32ED	3315	333D	3365	338D	33B5	33DD	3405	342D	3455	347D	34A5	34CD	34F5	351D	3545	356D	3595	35BD
Dr Forced D1	S05	310E	3136	315E	3186	31AE	31D6	31FE	3226	324E	3276	329E	32C6	32EE	3316	333E	3366	338E	33B6	33DE	3406	342E	3456	347E	34A6	34CE	34F6	351E	3546	356E	3596	35BE
Dr Forced D2	S06	310F	3137	315F	3187	31AF	31D7	31FF	3227	324F	3277	329F	32C7	32EF	3317	333F	3367	338F	33B7	33DF	3407	342F	3457	347F	34A7	34CF	34F7	351F	3547	356F	3597	35BF
Dr Forced D3	S07	3110	3138	3160	3188	31B0	31D8	3200	3228	3250	3278	32A0	32C8	32F0	3318	3340	3368	3390	33B8	33E0	3408	3430	3458	3480	34A8	34D0	34F8	3520	3548	3570	3598	35C0
Dr Forced D4	S08	3111	3139	3161	3189	31B1	31D9	3201	3229	3251	3279	32A1	32C9	32F1	3319	3341	3369	3391	33B9	33E1	3409	3431	3459	3481	34A9	34D1	34F9	3521	3549	3571	3599	35C1
Door Held D1	S09	3112	313A	3162	318A	31B2	31DA	3202	322A	3252	327A	32A2	32CA	32F2	331A	3342	336A	3392	33BA	33E2	340A	3432	345A	3482	34AA	34D2	34FA	3522	354A	3572	359A	35C2
Door Held D2	S10	3113	313B	3163	318B	31B3	31DB	3203	322B	3253	327B	32A3	32CB	32F3	331B	3343	336B	3393	33BB	33E3	340B	3433	345B	3483	34AB	34D3	34FB	3523	354B	3573	359B	35C3
Door Held D3	S11	3114	313C	3164	318C	31B4	31DC	3204	322C	3254	327C	32A4	32CC	32F4	331C	3344	336C	3394	33BC	33E4	340C	3434	345C	3484	34AC	34D4	34FC	3524	354C	3574	359C	35C4
Door Held D4	S12	3115	313D	3165	318D	31B5	31DD	3205	322D	3255	327D	32A5	32CD	32F5	331D	3345	336D	3395	33BD	33E5	340D	3435	345D	3485	34AD	34D5	34FD	3525	354D	3575	359D	35C5
Illegal Card D1	S13	3116	313E	3166	318E	31B6	31DE	3206	322E	3256	327E	32A6	32CE	32F6	331E	3346	336E	3396	33BE	33E6	340E	3436	345E	3486	34AE	34D6	34FE	3526	354E	3576	359E	35C6
Illegal Card D2	S14	3117	313F	3167	318F	31B7	31DF	3207	322F	3257	327F	32A7	32CF	32F7	331F	3347	336F	3397	33BF	33E7	340F	3437	345F	3487	34AF	34D7	34FF	3527	354F	3577	359F	35C7
Illegal Card D3	S15	3118	3140	3168	3190	31B8	31E0	3208	3230	3258	3280	32A8	32D0	32F8	3320	3348	3370	3398	33C0	33E8	3410	3438	3460	3488	34B0	34D8	3500	3528	3550	3578	35A0	35C8
Illegal Card D4	S16	3119	3141	3169	3191	31B9	31E1	3209	3231	3259	3281	32A9	32D1	32F9	3321	3349	3371	3399	33C1	33E9	3411	3439	3461	3489	34B1	34D9	3501	3529	3551	3579	35A1	35C9
Cabinet tamp	S17	311A	3142	316A	3192	31BA	31E2	320A	3232	325A	3282	32AA	32D2	32FA	3322	334A	3372	339A	33C2	33EA	3412	343A	3462	348A	34B2	34DA	3502	352A	3552	357A	35A2	35CA
Gen lock fault	S18	311B	3143	316B	3193	31BB	31E3	320B	3233	325B	3283	32AB	32D3	32FB	3323	334B	3373	339B	33C3	33EB	3413	343B	3463	348B	34B3	34DB	3503	352B	3553	357B	35A3	35CB
Batt test fail	S19	311C	3144	316C	3194	31BC	31E4	320C	3234	325C	3284	32AC	32D4	32FC	3324	334C	3374	339C	33C4	33EC	3414	343C	3464	348C	34B4	34DC	3504	352C	3554	357C	35A4	35CC
AC fail.	S20	311D	3145	316D	3195	31BD	31E5	320D	3235	325D	3285	32AD	32D5	32FD	3325	334D	3375	339D	33C5	33ED	3415	343D	3465	348D	34B5	34DD	3505	352D	3555	357D	35A5	35CD
Low battery.	S21	311E	3146	316E	3196	31BE	31E6	320E	3236	325E	3286	32AE	32D6	32FE	3326	334E	3376	339E	33C6	33EE	3416	343E	3466	348E	34B6	34DE	3506	352E	3556	357E	35A6	35CE
LAN fuse	S22	311F	3147	316F	3197	31BF	31E7	320F	3237	325F	3287	32AF	32D7	32FF	3327	334F	3377	339F	33C7	33EF	3417	343F	3467	348F	34B7	34DF	3507	352F	3557	357F	35A7	35CF
Detector fuse	S23	3120	3148	3170	3198	31C0	31E8	3210	3238	3260	3288	32B0	32D8	3300	3328	3350	3378	33A0	33C8	33F0	3418	3440	3468	3490	34B8	34E0	3508	3530	3558	3580	35A8	35D0
LAN fail	S24	3121	3149	3171	3199	31C1	31E9	3211	3239	3261	3289	32B1	32D9	3301	3329	3351	3379	33A1	33C9	33F1	3419	3441	3469	3491	34B9	34E1	3509	3531	3559	3581	35A9	35D1

	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65
I																																		
Z01	35D2	35FA	3622	364A	3672	369A	36C2	36EA	3712	373A	3762	378A	37B2	37DA	3802	382A	3852	387A	38A2	38CA	38F2	391A	3942	396A	3992	39BA	39E2	3A0A	3A32	3A5A	3A82	3AAA	3AD2	3AFA
Z02	35D3	35FB	3623	364B	3673	369B	36C3	36EB	3713	373B	3763	378B	37B3	37DB	3803	382B	3853	387B	38A3	38CB	38F3	391B	3943	396B	3993	39BB	39E3	3A0B	3A33	3A5B	3A83	3AAB	3AD3	3AFB
Z03	35D4	35FC	3624	364C	3674	369C	36C4	36EC	3714	373C	3764	378C	37B4	37DC	3804	382C	3854	387C	38A4	38CC	38F4	391C	3944	396C	3994	39BC	39E4	3A0C	3A34	3A5C	3A84	3AAC	3AD4	3AFC
Z04	35D5	35FD	3625	364D	3675	369D	36C5	36ED	3715	373D	3765	378D	37B5	37DD	3805	382D	3855	387D	38A5	38CD	38F5	391D	3945	396D	3995	39BD	39E5	3A0D	3A35	3A5D	3A85	3AAD	3AD5	3AFD
Z05	35D6	35FE	3626	364E	3676	369E	36C6	36EE	3716	373E	3766	378E	37B6	37DE	3806	382E	3856	387E	38A6	38CE	38F6	391E	3946	396E	3996	39BE	39E6	3A0E	3A36	3A5E	3A86	3AAE	3AD6	3AFE
Z06	35D7	35FF	3627	364F	3677	369F	36C7	36EF	3717	373F	3767	378F	37B7	37DF	3807	382F	3857	387F	38A7	38CF	38F7	391F	3947	396F	3997	39BF	39E7	3A0F	3A37	3A5F	3A87	3AAF	3AD7	3AFF
Z07	35D8	3600	3628	3650	3678	36A0	36C8	36F0	3718	3740	3768	3790	37B8	37E0	3808	3830	3858	3880	38A8	38D0	38F8	3920	3948	3970	3998	39C0	39E8	3A10	3A38	3A60	3A88	3AB0	3AD8	3B00
Z08	35D9	3601	3629	3651	3679	36A1	36C9	36F1	3719	3741	3769	3791	37B9	37E1	3809	3831	3859	3881	38A9	38D1	38F9	3921	3949	3971	3999	39C1	39E9	3A11	3A39	3A61	3A89	3AB1	3AD9	3B01
Z09	35DA	3602	362A	3652	367A	36A2	36CA	36F2	371A	3742	376A	3792	37BA	37E2	380A	3832	385A	3882	38AA	38D2	38FA	3922	394A	3972	399A	39C2	39EA	3A12	3A3A	3A62	3A8A	3AB2	3ADA	3B02
Z10	35DB	3603	362B	3653	367B	36A3	36CB	36F3	371B	3743	376B	3793	37BB	37E3	380B	3833	385B	3883	38AB	38D3	38FB	3923	394B	3973	399B	39C3	39EB	3A13	3A3B	3A63	3A8B	3AB3	3ADB	3B03
Z11	35DC	3604	362C	3654	367C	36A4	36CC	36F4	371C	3744	376C	3794	37BC	37E4	380C	3834	385C	3884	38AC	38D4	38FC	3924	394C	3974	399C	39C4	39EC	3A14	3A3C	3A64	3A8C	3AB4	3ADC	3B04
Z12	35DD	3605	362D	3655	367D	36A5	36CD	36F5	371D	3745	376D	3795	37BD	37E5	380D	3835	385D	3885	38AD	38D5	38FD	3925	394D	3975	399D	39C5	39ED	3A15	3A3D	3A65	3A8D	3AB5	3ADD	3B05
Z13	35DE	3606	362E	3656	367E	36A6	36CE	36F6	371E	3746	376E	3796	37BE	37E6	380E	3836	385E	3886	38AE	38D6	38FE	3926	394E	3976	399E	39C6	39EE	3A16	3A3E	3A66	3A8E	3AB6	3ADE	3B06
Z14	35DF	3607	362F	3657	367F	36A7	36CF	36F7	371F	3747	376F	3797	37BF	37E7	380F	3837	385F	3887	38AF	38D7	38FF	3927	394F	3977	399F	39C7	39EF	3A17	3A3F	3A67	3A8F	3AB7	3ADF	3B07
Z15	35E0	3608	3630	3658	3680	36A8	36D0	36F8	3720	3748	3770	3798	37C0	37E8	3810	3838	3860	3888	38B0	38D8	3900	3928	3950	3978	39A0	39C8	39F0	3A18	3A40	3A68	3A90	3AB8	3AE0	3B08
Z16	35E1	3609	3631	3659	3681	36A9	36D1	36F9	3721	3749	3771	3799	37C1	37E9	3811	3839	3861	3889	38B1	38D9	3901	3929	3951	3979	39A1	39C9	39F1	3A19	3A41	3A69	3A91	3AB9	3AE1	3B09
S01	35E2	360A	3632	365A	3682	36AA	36D2	36FA	3722	374A	3772	379A	37C2	37EA	3812	383A	3862	388A	38B2	38DA	3902	392A	3952	397A	39A2	39CA	39F2	3A1A	3A42	3A6A	3A92	3ABA	3AE2	3B0A
S02	35E3	360B	3633	365B	3683	36AB	36D3	36FB	3723	374B	3773	379B	37C3	37EB	3813	383B	3863	388B	38B3	38DB	3903	392B	3953	397B	39A3	39CB	39F3	3A1B	3A43	3A6B	3A93	3ABB	3AE3	3B0B
S03	35E4	360C	3634	365C	3684	36AC	36D4	36FC	3724	374C	3774	379C	37C4	37EC	3814	383C	3864	388C	38B4	38DC	3904	392C	3954	397C	39A4	39CC	39F4	3A1C	3A44	3A6C	3A94	3ABC	3AE4	3B0C
S04	35E5	360D	3635	365D	3685	36AD	36D5	36FD	3725	374D	3775	379D	37C5	37ED	3815	383D	3865	388D	38B5	38DD	3905	392D	3955	397D	39A5	39CD	39F5	3A1D	3A45	3A6D	3A95	3ABD	3AE5	3B0D
S05	35E6	360E	3636	365E	3686	36AE	36D6	36FE	3726	374E	3776	379E	37C6	37EE	3816	383E	3866	388E	38B6	38DE	3906	392E	3956	397E	39A6	39CE	39F6	3A1E	3A46	3A6E	3A96	3ABE	3AE6	3B0E
S06	35E7	360F	3637	365F	3687	36AF	36D7	36FF	3727	374F	3777	379F	37C7	37EF	3817	383F	3867	388F	38B7	38DF	3907	392F	3957	397F	39A7	39CF	39F7	3A1F	3A47	3A6F	3A97	3ABF	3AE7	3B0F
S07	35E8	3610	3638	3660	3688	36B0	36D8	3700	3728	3750	3778	37A0	37C8	37F0	3818	3840	3868	3890	38B8	38E0	3908	3930	3958	3980	39A8	39D0	39F8	3A20	3A48	3A70	3A98	3AC0	3AE8	3B10
S08	35E9	3611	3639	3661	3689	36B1	36D9	3701	3729	3751	3779	37A1	37C9	37F1	3819	3841	3869	3891	38B9	38E1	3909	3931	3959	3981	39A9	39D1	39F9	3A21	3A49	3A71	3A99	3AC1	3AE9	3B11
S09	35EA	3612	363A	3662	368A	36B2	36DA	3702	372A	3752	377A	37A2	37CA	37F2	381A	3842	386A	3892	38BA	38E2	390A	3932	395A	3982	39AA	39D2	39FA	3A22	3A4A	3A72	3A9A	3AC2	3AEA	3B12
S10	35EB	3613	363B	3663	368B	36B3	36DB	3703	372B	3753	377B	37A3	37CB	37F3	381B	3843	386B	3893	38BB	38E3	390B	3933	395B	3983	39AB	39D3	39FB	3A23	3A4B	3A73	3A9B	3AC3	3AEB	3B13
S11	35EC	3614	363C	3664	368C	36B4	36DC	3704	372C	3754	377C	37A4	37CC	37F4	381C	3844	386C	3894	38BC	38E4	390C	3934	395C	3984	39AC	39D4	39FC	3A24	3A4C	3A74	3A9C	3AC4	3AEC	3B14
S12	35ED	3615	363D	3665	368D	36B5	36DD	3705	372D	3755	377D	37A5	37CD	37F5	381D	3845	386D	3895	38BD	38E5	390D	3935	395D	3985	39AD	39D5	39FD	3A25	3A4D	3A75	3A9D	3AC5	3AED	3B15
S13	35EE	3616	363E	3666	368E	36B6	36DE	3706	372E	3756	377E	37A6	37CE	37F6	381E	3846	386E	3896	38BE	38E6	390E	3936	395E	3986	39AE	39D6	39FE	3A26	3A4E	3A76	3A9E	3AC6	3AEE	3B16
S14	35EF	3617	363F	3667	368F	36B7	36DF	3707	372F	3757	377F	37A7	37CF	37F7	381F	3847	386F	3897	38BF	38E7	390F	3937	395F	3987	39AF	39D7	39FF	3A27	3A4F	3A77	3A9F	3AC7	3AEF	3B17
S15	35F0	3618	3640	3668	3690	36B8	36E0	3708	3730	3758	3780	37A8	37D0	37F8	3820	3848	3870	3898	38C0	38E8	3910	3938	3960	3988	39B0	39D8	3A00	3A28	3A50	3A78	3AA0	3AC8	3AF0	3B18
S16	35F1	3619	3641	3669	3691	36B9	36E1	3709	3731	3759	3781	37A9	37D1	37F9	3821	3849	3871	3899	38C1	38E9	3911	3939	3961	3989	39B1	39D9	3A01	3A29	3A51	3A79	3AA1	3AC9	3AF1	3B19
S17	35F2	361A	3642	366A	3692	36BA	36E2	370A	3732	375A	3782	37AA	37D2	37FA	3822	384A	3872	389A	38C2	38EA	3912	393A	3962	398A	39B2	39DA	3A02	3A2A	3A52	3A7A	3AA2	3ACA	3AF2	3B1A
S18	35F3	361B	3643	366B	3693	36BB	36E3	370B	3733	375B	3783	37AB	37D3	37FB	3823	384B	3873	389B	38C3	38EB	3913	393B	3963	398B	39B3	39DB	3A03	3A2B	3A53	3A7B	3AA3	3ACB	3AF3	3B1B
S19	35F4	361C	3644	366C	3694	36BC	36E4	370C	3734	375C	3784	37AC	37D4	37FC	3824	384C	3874	389C	38C4	38EC	3914	393C	3964	398C	39B4	39DC	3A04	3A2C	3A54	3A7C	3AA4	3ACC	3AF4	3B1C
S20	35F5	361D	3645	366D	3695	36BD	36E5	370D	3735	375D	3785	37AD	37D5	37FD	3825	384D	3875	389D	38C5	38ED	3915	393D	3965	398D	39B5	39DD	3A05	3A2D	3A55	3A7D	3AA5	3ACD	3AF5	3B1D
S21	35F6	361E	3646	366E	3696	36BE	36E6	370E	3736	375E	3786	37AE	37D6	37FE	3826	384E	3876	389E	38C6	38EE	3916	393E	3966	398E	39B6	39DE	3A06	3A2E	3A56	3A7E	3AA6	3ACE	3AF6	3B1E
S22	35F7	361F	3647	366F	3697	36BF	36E7	370F	3737	375F	3787	37AF	37D7	37FF	3827	384F	3877	389F																

	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99
I																																		
Z01	3B22	3B4A	3B72	3B9A	3BC2	3BEA	3C12	3C3A	3C62	3C8A	3CB2	3CDA	3D02	3D2A	3D52	3D7A	3DA2	3DCA	3DF2	3E1A	3E42	3E6A	3E92	3EBA	3EE2	3F0A	3F32	3F5A	3F82	3FAA	3FD2	3FFA	4022	404A
Z02	3B23	3B4B	3B73	3B9B	3BC3	3BEB	3C13	3C3B	3C63	3C8B	3CB3	3CDB	3D03	3D2B	3D53	3D7B	3DA3	3DCB	3DF3	3E1B	3E43	3E6B	3E93	3EBB	3EE3	3F0B	3F33	3F5B	3F83	3FAB	3FD3	3FFB	4023	404B
Z03	3B24	3B4C	3B74	3B9C	3BC4	3BEC	3C14	3C3C	3C64	3C8C	3CB4	3CDC	3D04	3D2C	3D54	3D7C	3DA4	3DCC	3DF4	3E1C	3E44	3E6C	3E94	3EBC	3EE4	3F0C	3F34	3F5C	3F84	3FAC	3FD4	3FFC	4024	404C
Z04	3B25	3B4D	3B75	3B9D	3BC5	3BED	3C15	3C3D	3C65	3C8D	3CB5	3CDD	3D05	3D2D	3D55	3D7D	3DA5	3DCD	3DF5	3E1D	3E45	3E6D	3E95	3EBD	3EE5	3F0D	3F35	3F5D	3F85	3FAD	3FD5	3FFD	4025	404D
Z05	3B26	3B4E	3B76	3B9E	3BC6	3BEE	3C16	3C3E	3C66	3C8E	3CB6	3CDE	3D06	3D2E	3D56	3D7E	3DA6	3DCE	3DF6	3E1E	3E46	3E6E	3E96	3EBE	3EE6	3F0E	3F36	3F5E	3F86	3FAE	3FD6	3FFE	4026	404E
Z06	3B27	3B4F	3B77	3B9F	3BC7	3BEF	3C17	3C3F	3C67	3C8F	3CB7	3CDF	3D07	3D2F	3D57	3D7F	3DA7	3DCF	3DF7	3E1F	3E47	3E6F	3E97	3EBF	3EE7	3F0F	3F37	3F5F	3F87	3FAF	3FD7	3FFF	4027	404F
Z07	3B28	3B50	3B78	3BA0	3BC8	3BF0	3C18	3C40	3C68	3C90	3CB8	3CE0	3D08	3D30	3D58	3D80	3DA8	3DD0	3DF8	3E20	3E48	3E70	3E98	3EC0	3EE8	3F10	3F38	3F60	3F88	3FB0	3FD8	4000	4028	4050
Z08	3B29	3B51	3B79	3BA1	3BC9	3BF1	3C19	3C41	3C69	3C91	3CB9	3CE1	3D09	3D31	3D59	3D81	3DA9	3DD1	3DF9	3E21	3E49	3E71	3E99	3EC1	3EE9	3F11	3F39	3F61	3F89	3FB1	3FD9	4001	4029	4051
Z09	3B2A	3B52	3B7A	3BA2	3BCA	3BF2	3C1A	3C42	3C6A	3C92	3CBA	3CE2	3D0A	3D32	3D5A	3D82	3DAA	3DD2	3DFA	3E22	3E4A	3E72	3E9A	3EC2	3EEA	3F12	3F3A	3F62	3F8A	3FB2	3FDA	4002	402A	4052
Z10	3B2B	3B53	3B7B	3BA3	3BCB	3BF3	3C1B	3C43	3C6B	3C93	3CBB	3CE3	3D0B	3D33	3D5B	3D83	3DAB	3DD3	3DFB	3E23	3E4B	3E73	3E9B	3EC3	3EEB	3F13	3F3B	3F63	3F8B	3FB3	3FDB	4003	402B	4053
Z11	3B2C	3B54	3B7C	3BA4	3BCC	3BF4	3C1C	3C44	3C6C	3C94	3CBC	3CE4	3D0C	3D34	3D5C	3D84	3DAC	3DD4	3DFC	3E24	3E4C	3E74	3E9C	3EC4	3EEC	3F14	3F3C	3F64	3F8C	3FB4	3FDC	4004	402C	4054
Z12	3B2D	3B55	3B7D	3BA5	3BCD	3BF5	3C1D	3C45	3C6E	3C95	3CBD	3CE5	3D0D	3D35	3D5D	3D85	3DAE	3DD5	3DFD	3E25	3E4D	3E75	3E9D	3EC5	3EED	3F15	3F3D	3F65	3F8D	3FB5	3FDD	4005	402D	4055
Z13	3B2E	3B56	3B7E	3BA6	3BCE	3BF6	3C1E	3C46	3C6E	3C96	3CBE	3CE6	3D0E	3D36	3D5E	3D86	3DAE	3DD6	3DFE	3E26	3E4E	3E76	3E9E	3EC6	3EEE	3F16	3F3E	3F66	3F8E	3FB6	3FDE	4006	402E	4056
Z14	3B2F	3B57	3B7F	3BA7	3BCF	3BF7	3C1F	3C47	3C6F	3C97	3CBF	3CE7	3D0F	3D37	3D5F	3D87	3DAF	3DD7	3DFF	3E27	3E4F	3E77	3E9F	3EC7	3EEF	3F17	3F3F	3F67	3F8F	3FB7	3FDF	4007	402F	4057
Z15	3B30	3B58	3B80	3BA8	3BD0	3BF8	3C20	3C48	3C70	3C98	3CC0	3CE8	3D10	3D38	3D60	3D88	3DB0	3DD8	3E00	3E28	3E50	3E78	3EA0	3EC8	3EF0	3F18	3F40	3F68	3F90	3FB8	3FE0	4008	4030	4058
Z16	3B31	3B59	3B81	3BA9	3BD1	3BF9	3C21	3C49	3C71	3C99	3CC1	3CE9	3D11	3D39	3D61	3D89	3DB1	3DD9	3E01	3E29	3E51	3E79	3EA1	3EC9	3EF1	3F19	3F41	3F69	3F91	3FB9	3FE1	4009	4031	4059
S01	3B32	3B5A	3B82	3BAA	3BD2	3BFA	3C22	3C4A	3C72	3C9A	3CC2	3CEA	3D12	3D3A	3D62	3D8A	3DB2	3DDA	3E02	3E2A	3E52	3E7A	3EA2	3ECA	3EF2	3F1A	3F42	3F6A	3F92	3FBA	3FE2	400A	4032	405A
S02	3B33	3B5B	3B83	3BAB	3BD3	3BFB	3C23	3C4B	3C73	3C9B	3CC3	3CEB	3D13	3D3B	3D63	3D8B	3DB3	3DDB	3E03	3E2B	3E53	3E7B	3EA3	3ECB	3EF3	3F1B	3F43	3F6B	3F93	3FBB	3FE3	400B	4033	405B
S03	3B34	3B5C	3B84	3BAC	3BD4	3BFC	3C24	3C4C	3C74	3C9C	3CC4	3CEC	3D14	3D3C	3D64	3D8C	3DB4	3DDC	3E04	3E2C	3E54	3E7C	3EA4	3ECC	3EF4	3F1C	3F44	3F6C	3F94	3FBC	3FE4	400C	4034	405C
S04	3B35	3B5D	3B85	3BAD	3BD5	3BFD	3C25	3C4D	3C75	3C9D	3CC5	3CED	3D15	3D3D	3D65	3D8D	3DB5	3DDD	3E05	3E2D	3E55	3E7D	3EA5	3ECD	3EF5	3F1D	3F45	3F6D	3F95	3FBD	3FE5	400D	4035	405D
S05	3B36	3B5E	3B86	3BAE	3BD6	3BFE	3C26	3C4E	3C76	3C9E	3CC6	3CEE	3D16	3D3E	3D66	3D8E	3DB6	3DDE	3E06	3E2E	3E56	3E7E	3EA6	3ECE	3EF6	3F1E	3F46	3F6E	3F96	3FBE	3FE6	400E	4036	405E
S06	3B37	3B5F	3B87	3BAF	3BD7	3BFF	3C27	3C4F	3C77	3C9F	3CC7	3CEF	3D17	3D3F	3D67	3D8F	3DB7	3DDF	3E07	3E2F	3E57	3E7F	3EA7	3ECF	3EF7	3F1F	3F47	3F6F	3F97	3FBF	3FE7	400F	4037	405F
S07	3B38	3B60	3B88	3BB0	3BD8	3C00	3C28	3C50	3C78	3CA0	3CC8	3CF0	3D18	3D40	3D68	3D90	3DB8	3DE0	3E08	3E30	3E58	3E80	3EA8	3ED0	3EF8	3F20	3F48	3F70	3F98	3FC0	3FE8	4010	4038	4060
S08	3B39	3B61	3B89	3BB1	3BD9	3C01	3C29	3C51	3C79	3CA1	3CC9	3CF1	3D19	3D41	3D69	3D91	3DB9	3DE1	3E09	3E31	3E59	3E81	3EA9	3ED1	3EF9	3F21	3F49	3F71	3F99	3FC1	3FE9	4011	4039	4061
S09	3B3A	3B62	3B8A	3BB2	3BDA	3C02	3C2A	3C52	3C7A	3CA2	3CCA	3CF2	3D1A	3D42	3D6A	3D92	3DBA	3DE2	3E0A	3E32	3E5A	3E82	3EA4	3ED2	3EFA	3F22	3F4A	3F72	3F9A	3FC2	3FEA	4012	403A	4062
S10	3B3B	3B63	3B8B	3BB3	3BDB	3C03	3C2B	3C53	3C7B	3CA3	3CCB	3CF3	3D1B	3D43	3D6B	3D93	3DBB	3DE3	3E0B	3E33	3E5B	3E83	3EAB	3ED3	3EFB	3F23	3F4B	3F73	3F9B	3FC3	3FEB	4013	403B	4063
S11	3B3C	3B64	3B8C	3BB4	3BDC	3C04	3C2C	3C54	3C7C	3CA4	3CCC	3CF4	3D1C	3D44	3D6C	3D94	3DBC	3DE4	3E0C	3E34	3E5C	3E84	3EAC	3ED4	3EFC	3F24	3F4C	3F74	3F9C	3FC4	3FEC	4014	403C	4064
S12	3B3D	3B65	3B8D	3BB5	3BDD	3C05	3C2D	3C55	3C7D	3CA5	3CCD	3CF5	3D1D	3D45	3D6D	3D95	3DBD	3DE5	3E0D	3E35	3E5D	3E85	3EAD	3ED5	3EFD	3F25	3F4D	3F75	3F9D	3FC5	3FED	4015	403D	4065
S13	3B3E	3B66	3B8E	3BB6	3BDE	3C06	3C2E	3C56	3C7E	3CA6	3CCE	3CF6	3D1E	3D46	3D6E	3D96	3DBE	3DE6	3E0E	3E36	3E5E	3E86	3EAE	3ED6	3EFE	3F26	3F4E	3F76	3F9E	3FC6	3FEE	4016	403E	4066
S14	3B3F	3B67	3B8F	3BB7	3BDF	3C07	3C2F	3C57	3C7F	3CA7	3CCF	3CF7	3D1F	3D47	3D6F	3D97	3DBF	3DE7	3E0F	3E37	3E5F	3E87	3EAF	3ED7	3EFF	3F27	3F4F	3F77	3F9F	3FC7	3FEF	4017	403F	4067
S15	3B40	3B68	3B90	3BB8	3BE0	3C08	3C30	3C58	3C80	3CA8	3CD0	3CF8	3D20	3D48	3D70	3D98	3DC0	3DE8	3E10	3E38	3E60	3E88	3EB0	3ED8	3F00	3F28	3F50	3F78	3FA0	3FC8	3FF0	4018	4040	4068
S16	3B41	3B69	3B91	3BB9	3BE1	3C09	3C31	3C59	3C81	3CA9	3CD1	3CF9	3D21	3D49	3D71	3D99	3DC1	3DE9	3E11	3E39	3E61	3E89	3EB1	3ED9	3F01	3F29	3F51	3F79	3FA1	3FC9	3FF1	4019	4041	4069
S17	3B42	3B6A	3B92	3BBA	3BE2	3C0A	3C32	3C5A	3C82	3CAA	3CD2	3CFA	3D22	3D4A	3D72	3D9A	3DC2	3DEA	3E12	3E3A	3E62	3E8A	3EB2	3EDA	3F02	3F2A	3F52	3F7A	3FA2	3FCA	3FF2	401A	4042	406A
S18	3B43	3B6B	3B93	3BBB	3BE3	3C0B	3C33	3C5B	3C83	3CAB	3CD3	3CFB	3D23	3D4B	3D73	3D9B	3DC3	3DEB	3E13	3E3B	3E63	3E8B	3EB3	3EDB	3F03	3F2B	3F53	3F7B	3FA3	3FCB	3FF3	401B	4043	406B
S19	3B44	3B6C	3B94	3BBC	3BE4	3C0C	3C34	3C5C	3C84	3CAC	3CD4	3CFB	3D24	3D4C	3D74	3D9C	3DC4	3DEC	3E14	3E3C	3E64	3E8C	3EB4	3EDC	3F04	3F2C	3F54	3F7C	3FA4	3FCC	3FF4	401C	4044	406C
S20	3B45	3B6D	3B95	3BBD	3BE5	3C0D	3C35	3C5D	3C85	3CAD	3CD5	3CFD	3D25	3D4D	3D75	3D9D	3DC5	3DED	3E15	3E3D	3E65	3E8D	3EB5	3EDD	3F05	3F2D	3F55	3F7D	3FA5	3FCD	3FF5	401D	4045	406D
S21	3B46	3B6E	3B96	3BBE	3BE6	3C0E	3C36	3C5E	3C86	3CAE	3CD6	3CFE	3D26	3D4E	3D76	3D9E	3DC6	3DEE	3E16	3E3E	3E66	3E8E	3EB6	3EDE	3F06	3F2E	3F56	3F7E	3FA6	3FCE	3FF6	401E	4046	406E
S22	3B47	3B6F	3B97	3BBF	3BE7	3C0F	3C37	3C5F	3C87	3CAF	3CD7	3CFF	3D27	3D4F	3D77	3D9F	3DC7	3DEF	3E17	3E3F	3E67	3E8F	3EB7	3EDF	3F07	3F2F	3F57	3F7F	3FA7	3FCF	3FF7	401F	4047	406F
S23	3B48	3B70	3B98	3BC0	3BE8	3C10	3C38	3C																										

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Analogue	Q																															
Z01		4072	407B	4084	408D	4096	409F	40A8	40B1	40BA	40C3	40CC	40D5	40DE	40E7	40F0	40F9	4102	410B	4114	411D	4126	412F	4138	4141	414A	4153	415C	4165	416E	4177	4180
Z02		4073	407C	4085	408E	4097	40A0	40A9	40B2	40BB	40C4	40CD	40D6	40DF	40E8	40F1	40FA	4103	410C	4115	411E	4127	4130	4139	4142	414B	4154	415D	4166	416F	4178	4181
Z03		4074	407D	4086	408F	4098	40A1	40AA	40B3	40BC	40C5	40CE	40D7	40E0	40E9	40F2	40FB	4104	410D	4116	411F	4128	4131	413A	4143	414C	4155	415E	4167	4170	4179	4182
Z04		4075	407E	4087	4090	4099	40A2	40AB	40B4	40BD	40C6	40CF	40D8	40E1	40EA	40F3	40FC	4105	410E	4117	4120	4129	4132	413B	4144	414D	4156	415F	4168	4171	417A	4183
Z05		4076	407F	4088	4091	409A	40A3	40AC	40B5	40BE	40C7	40D0	40D9	40E2	40EB	40F4	40FD	4106	410F	4118	4121	412A	4133	413C	4145	414E	4157	4160	4169	4172	417B	4184
Z06		4077	4080	4089	4092	409B	40A4	40AD	40B6	40BF	40C8	40D1	40DA	40E3	40EC	40F5	40FE	4107	4110	4119	4122	412B	4134	413D	4146	414F	4158	4161	416A	4173	417C	4185
Cabinet tamp	S01	4078	4081	408A	4093	409C	40A5	40AE	40B7	40C0	40C9	40D2	40DB	40E4	40ED	40F6	40FF	4108	4111	411A	4123	412C	4135	413E	4147	4150	4159	4162	416B	4174	417D	4186
Low Volts	S02	4079	4082	408B	4094	409D	40A6	40AF	40B8	40C1	40CA	40D3	40DC	40E5	40EE	40F7	4100	4109	4112	411B	4124	412D	4136	413F	4148	4151	415A	4163	416C	4175	417E	4187
LAN fail	S03	407A	4083	408C	4095	409E	40A7	40B0	40B9	40C2	40CB	40D4	40DD	40E6	40EF	40F8	4101	410A	4113	411C	4125	412E	4137	4140	4149	4152	415B	4164	416D	4176	417F	4188
LAN Pwr Sup	P																															
Z01		4BA9	4BBB	4BCD	4BDF	4BF1	4C03	4C15	4C27	4C39	4C4B	4C5D	4C6F	4C81	4C93	4CA5	4CB7	4CC9	4CDB	4CED	4CFF	4D11	4D23	4D35	4D47	4D59	4D6B	4D7D	4D8F	4DA1	4DB3	4DC5
Z02		4BAA	4BBC	4BCE	4BE0	4BF2	4C04	4C16	4C28	4C3A	4C4C	4C5E	4C70	4C82	4C94	4CA6	4CB8	4CCA	4CDC	4CEE	4D00	4D12	4D24	4D36	4D48	4D5A	4D6C	4D7E	4D90	4DA2	4DB4	4DC6
Cabinet tamp	S01	4BAB	4BBD	4BCF	4BE1	4BF3	4C05	4C17	4C29	4C3B	4C4D	4C5F	4C71	4C83	4C95	4CA7	4CB9	4CCB	4CDD	4CEF	4D01	4D13	4D25	4D37	4D49	4D5B	4D6D	4D7F	4D91	4DA3	4DB5	4DC7
AC fail.	S02	4BAC	4BBE	4BD0	4BE2	4BF4	4C06	4C18	4C2A	4C3C	4C4E	4C60	4C72	4C84	4C96	4CA8	4CBA	4CCC	4CDE	4CF0	4D02	4D14	4D26	4D38	4D4A	4D5C	4D6E	4D80	4D92	4DA4	4DB6	4DC8
Low battery.	S03	4BAD	4BBF	4BD1	4BE3	4BF5	4C07	4C19	4C2B	4C3D	4C4F	4C61	4C73	4C85	4C97	4CA9	4CBB	4CCD	4CDF	4CF1	4D03	4D15	4D27	4D39	4D4B	4D5D	4D6F	4D81	4D93	4DA5	4DB7	4DC9
Battery Fail	S04	4BAE	4BC0	4BD2	4BE4	4BF6	4C08	4C1A	4C2C	4C3E	4C50	4C62	4C74	4C86	4C98	4CAA	4CBC	4CCE	4CE0	4CF2	4D04	4D16	4D28	4D3A	4D4C	4D5E	4D70	4D82	4D94	4DA6	4DB8	4DCA
Detector fuse	S05	4BAF	4BC1	4BD3	4BE5	4BF7	4C09	4C1B	4C2D	4C3F	4C51	4C63	4C75	4C87	4C99	4CAB	4CBD	4CCF	4CE1	4CF3	4D05	4D17	4D29	4D3B	4D4D	4D5F	4D71	4D83	4D95	4DA7	4DB9	4DCB
LAN fuse	S06	4BB0	4BC2	4BD4	4BE6	4BF8	4C0A	4C1C	4C2E	4C40	4C52	4C64	4C76	4C88	4C9A	4CAC	4CBE	4CD0	4CE2	4CF4	4D06	4D18	4D2A	4D3C	4D4E	4D60	4D72	4D84	4D96	4DA8	4DBA	4DCC
Battery Fuse	S07	4BB1	4BC3	4BD5	4BE7	4BF9	4C0B	4C1D	4C2F	4C41	4C53	4C65	4C77	4C89	4C9B	4CAD	4CBF	4CD1	4CE3	4CF5	4D07	4D19	4D2B	4D3D	4D4F	4D61	4D73	4D85	4D97	4DA9	4DBB	4DCD
Aux 2 Fuse	S08	4BB2	4BC4	4BD6	4BE8	4BFA	4C0C	4C1E	4C30	4C42	4C54	4C66	4C78	4C8A	4C9C	4CAE	4CC0	4CD2	4CE4	4CF6	4D08	4D1A	4D2C	4D3E	4D50	4D62	4D74	4D86	4D98	4DAA	4DBC	4DCE
Aux 2 Tamper	S09	4BB3	4BC5	4BD7	4BE9	4BFB	4C0D	4C1F	4C31	4C43	4C55	4C67	4C79	4C8B	4C9D	4CAF	4CC1	4CD3	4CE5	4CF7	4D09	4D1B	4D2D	4D3F	4D51	4D63	4D75	4D87	4D99	4DAB	4DBD	4DCF
Det Over Curr	S10	4BB4	4BC6	4BD8	4BEA	4BFC	4C0E	4C20	4C32	4C44	4C56	4C68	4C7A	4C8C	4C9E	4CB0	4CC2	4CD4	4CE6	4CF8	4D0A	4D1C	4D2E	4D40	4D52	4D64	4D76	4D88	4D9A	4DAC	4DBE	4DD0
Batt Over Curr	S11	4BB5	4BC7	4BD9	4BEB	4BFD	4C0F	4C21	4C33	4C45	4C57	4C69	4C7B	4C8D	4C9F	4CB1	4CC3	4CD5	4CE7	4CF9	4D0B	4D1D	4D2F	4D41	4D53	4D65	4D77	4D89	4D9B	4DAD	4DBF	4DD1
Over Volts	S12	4BB6	4BC8	4BDA	4BEC	4BFE	4C10	4C22	4C34	4C46	4C58	4C6A	4C7C	4C8E	4CA0	4CB2	4CC4	4CD6	4CE8	4CFA	4D0C	4D1E	4D30	4D42	4D54	4D66	4D78	4D8A	4D9C	4DAE	4DC0	4DD2
Low Volts	S13	4BB7	4BC9	4BDB	4BED	4BFF	4C11	4C23	4C35	4C47	4C59	4C6B	4C7D	4C8F	4CA1	4CB3	4CC5	4CD7	4CE9	4CFB	4D0D	4D1F	4D31	4D43	4D55	4D67	4D79	4D8B	4D9D	4DAF	4DC1	4DD3
Slave Fail	S14	4BB8	4BCA	4BDC	4BEE	4C00	4C12	4C24	4C36	4C48	4C5A	4C6C	4C7E	4C90	4CA2	4CB4	4CC6	4CD8	4CEA	4CFC	4D0E	4D20	4D32	4D44	4D56	4D68	4D7A	4D8C	4D9E	4DB0	4DC2	4DD4
Batt test fail	S15	4BB9	4BCB	4BDD	4BEF	4C01	4C13	4C25	4C37	4C49	4C5B	4C6D	4C7F	4C91	4CA3	4CB5	4CC7	4CD9	4CEB	4CFD	4D0F	4D21	4D33	4D45	4D57	4D69	4D7B	4D8D	4D9F	4DB1	4DC3	4DD5
LAN fail	S16	4BBA	4BCC	4BDE	4BF0	4C02	4C14	4C26	4C38	4C4A	4C5C	4C6E	4C80	4C92	4CA4	4CB6	4CC8	4CDA	4CEC	4CFE	4D10	4D22	4D34	4D46	4D58	4D6A	4D7C	4D8E	4DA0	4DB2	4DC4	4DD6

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Q																																		
Z01	42BB	42C4	42CD	42D6	42DF	42E8	42F1	42FA	4303	430C	4315	431E	4327	4330	4339	4342	434B	4354	435D	4366	436F	4378	4381	438A	4393	439C	43A5	43AE	43B7	43C0	43C9	43D2	43DB	43E4
Z02	42BC	42C5	42CE	42D7	42E0	42E9	42F2	42FB	4304	430D	4316	431F	4328	4331	433A	4343	434C	4355	435E	4367	4370	4379	4382	438B	4394	439D	43A6	43AF	43B8	43C1	43CA	43D3	43DC	43E5
Z03	42BD	42C6	42CF	42D8	42E1	42EA	42F3	42FC	4305	430E	4317	4320	4329	4332	433B	4344	434D	4356	435F	4368	4371	437A	4383	438C	4395	439E	43A7	43B0	43B9	43C2	43CB	43D4	43DD	43E6
Z04	42BE	42C7	42D0	42D9	42E2	42EB	42F4	42FD	4306	430F	4318	4321	432A	4333	433C	4345	434E	4357	4360	4369	4372	437B	4384	438D	4396	439F	43A8	43B1	43BA	43C3	43CC	43D5	43DE	43E7
Z05	42BF	42C8	42D1	42DA	42E3	42EC	42F5	42FE	4307	4310	4319	4322	432B	4334	433D	4346	434F	4358	4361	436A	4373	437C	4385	438E	4397	43A0	43A9	43B2	43BB	43C4	43CD	43D6	43DF	43E8
Z06	42C0	42C9	42D2	42DB	42E4	42ED	42F6	42FF	4308	4311	431A	4323	432C	4335	433E	4347	4350	4359	4362	436B	4374	437D	4386	438F	4398	43A1	43AA	43B3	43BC	43C5	43CE	43D7	43E0	43E9
S01	42C1	42CA	42D3	42DC	42E5	42EE	42F7	4300	4309	4312	431B	4324	432D	4336	433F	4348	4351	435A	4363	436C	4375	437E	4387	4390	4399	43A2	43AB	43B4	43BD	43C6	43CF	43D8	43E1	43EA
S02	42C2	42CB	42DA	42DD	42E6	42EF	42F8	4301	430A	4313	431C	4325	432E	4337	4340	4349	4352	435B	4364	436D	4376	437F	4388	4391	439A	43A3	43AC	43B5	43BE	43C7	43D0	43D9	43E2	43EB
S03	42C3	42CC	42D5	42DE	42E7	42F0	42F9	4302	430B	4314	431D	4326	432F	4338	4341	434A	4353	435C	4365	436E	4377	4380	4389	4392	439B	43A4	43AD	43B6	43BF	43C8	43D1	43DA	43E3	43EC
P																																		
Z01	503B	504D	505F	5071	5083	5095	50A7	50B9	50CB	50DD	50EF	5101	5113	5125	5137	5149	515B	516D	517F	5191	51A3	51B5	51C7	51D9	51EB	51FD	520F	5221	5233	5245	5257	5269	527B	528D
Z02	503C	504E	5060	5072	5084	5096	50A8	50BA	50CC	50DE	50F0	5102	5114	5126	5138	514A	515C	516E	5180	5192	51A4	51B6	51C8	51DA	51EC	51FE	5210	5222	5234	5246	5258	526A	527C	528E
S01	503D	504F	5061	5073	5085	5097	50A9	50BB	50CD	50DF	50F1	5103	5115	5127	5139	514B	515D	516F	5181	5193	51A5	51B7	51C9	51DB	51ED	51FF	5211	5223	5235	5247	5259	526B	527D	528F
S02	503E	5050	5062	5074	5086	5098	50AA	50BC	50CE	50E0	50F2	5104	5116	5128	513A	514C	515E	5170	5182	5194	51A6	51B8	51CA	51DC	51EE	5200	5212	5224	5236	5248	525A	526C	527E	5290
S03	503F	5051	5063	5075	5087	5099	50AB	50BD	50CF	50E1	50F3	5105	5117	5129	513B	514D	515F	5171	5183	5195	51A7	51B9	51CB	51DD	51EF	5201	5213	5225	5237	5249	525B	526D	527F	5291
S04	5040	5052	5064	5076	5088	509A	50AC	50BE	50D0	50E2	50F4	5106	5118	512A	513C	514E	5160	5172	5184	5196	51A8	51BA	51CC	51DE	51F0	5202	5214	5226	5238	524A	525C	526E	5280	5292
S05	5041	5053	5065	5077	5089	509B	50AD	50BF	50D1	50E3	50F5	5107	5119	512B	513D	514F	5161	5173	5185	5197	51A9	51BB	51CD	51DF	51F1	5203	5215	5227	5239	524B	525D	526F	5281	5293
S06	5042	5054	5066	5078	508A	509C	50AE	50C0	50D2	50E4	50F6	5108	511A	512C	513E	5150	5162	5174	5186	5198	51AA	51BC	51CE	51E0	51F2	5204	5216	5228	523A	524C	525E	5270	5282	5294
S07	5043	5055	5067	5079	508B	509D	50AF	50C1	50D3	50E5	50F7	5109	511B	512D	513F	5151	5163	5175	5187	5199	51AB	51BD	51CF	51E1	51F3	5205	5217	5229	523B	524D	525F	5271	5283	5295
S08	5044	5056	5068	507A	508C	509E	50B0	50C2	50D4	50E6	50F8	510A	511C	512E	5140	5152	5164	5176	5188	519A	51AC	51BE	51D0	51E2	51F4	5206	5218	522A	523C	524E	5260	5272	5284	5296
S09	5045	5057	5069	507B	508D	509F	50B1	50C3	50D5	50E7	50F9	510B	511D	512F	5141	5153	5165	5177	5189	519B	51AD	51BF	51D1	51E3	51F5	5207	5219	522B	523D	524F	5261	5273	5285	5297
S10	5046	5058	506A	507C	508E	50A0	50B2	50C4	50D6	50E8	50FA	510C	511E	5130	5142	5154	5166	5178	518A	519C	51AE	51C0	51D2	51E4	51F6	5208	521A	522C	523E	5250	5262	5274	5286	5298
S11	5047	5059	506B	507D	508F	50A1	50B3	50C5	50D7	50E9	50FB	510D	511F	5131	5143	5155	5167	5179	518B	519D	51AF	51C1	51D3	51E5	51F7	5209	521B	522D	523F	5251	5263	5275	5287	5299
S12	5048	505A	506C	507E	5090	50A2	50B4	50C6	50D8	50EA	50FC	510E	5120	5132	5144	5156	5168	517A	518C	519E	51B0	51C2	51D4	51E6	51F8	520A	521C	522E	5240	5252	5264	5276	5288	529A
S13	5049	505B	506D	507F	5091	50A3	50B5	50C7	50D9	50EB	50FD	510F	5121	5133	5145	5157	5169	517B	518D	519F	51B1	51C3	51D5	51E7	51F9	520B	521D	522F	5241	5253	5265	5277	5289	529B
S14	504A	505C	506E	5080	5092	50A4	50B6	50C8	50DA	50EC	50FE	5110	5122	5134	5146	5158	516A	517C	518E	51A0	51B2	51C4	51D6	51E8	51FA	520C	521E	5230	5242	5254	5266	5278	528A	529C
S15	504B	505D	506F	5081	5093	50A5	50B7	50C9	50DB	50ED	50FF	5111	5123	5135	5147	5159	516B	517D	518F	51A1	51B3	51C5	51D7	51E9	51FB	520D	521F	5231	5243	5255	5267	5279	528B	529D
S16	504C	505E	5070	5082	5094	50A6	50B8	50CA	50DC	50EE	5100	5112	5124	5136	5148	515A	516C	517E	5190	51A2	51B4	51C6	51D8	51EA	51FC	520E	5220	5232	5244	5256	5268	527A	528C	529E

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
RF Expander	F																															
Z01		529F	52C5	52EB	5311	5337	535D	5383	53A9	53CF	53F5	541B	5441	5467	548D	54B3	54D9	54FF	5525	554B	5571	5597	55BD	55E3	5609	562F	5655	567B	56A1	56C7	56ED	5713
Z02		52A0	52C6	52EC	5312	5338	535E	5384	53AA	53D0	53F6	541C	5442	5468	548E	54B4	54DA	5500	5526	554C	5572	5598	55BE	55E4	560A	5630	5656	567C	56A2	56C8	56EE	5714
Z03		52A1	52C7	52ED	5313	5339	535F	5385	53AB	53D1	53F7	541D	5443	5469	548F	54B5	54DB	5501	5527	554D	5573	5599	55BF	55E5	560B	5631	5657	567D	56A3	56C9	56EF	5715
Z04		52A2	52C8	52EE	5314	533A	5360	5386	53AC	53D2	53F8	541E	5444	546A	5490	54B6	54DC	5502	5528	554E	5574	559A	55C0	55E6	560C	5632	5658	567E	56A4	56CA	56F0	5716
Z05		52A3	52C9	52EF	5315	533B	5361	5387	53AD	53D3	53F9	541F	5445	546B	5491	54B7	54DD	5503	5529	554F	5575	559B	55C1	55E7	560D	5633	5659	567F	56A5	56CB	56F1	5717
Z06		52A4	52CA	52F0	5316	533C	5362	5388	53AE	53D4	53FA	5420	5446	546C	5492	54B8	54DE	5504	552A	5550	5576	559C	55C2	55E8	560E	5634	565A	5680	56A6	56CC	56F2	5718
Z07		52A5	52CB	52F1	5317	533D	5363	5389	53AF	53D5	53FB	5421	5447	546D	5493	54B9	54DF	5505	552B	5551	5577	559D	55C3	55E9	560F	5635	565B	5681	56A7	56CD	56F3	5719
Z08		52A6	52CC	52F2	5318	533E	5364	538A	53B0	53D6	53FC	5422	5448	546E	5494	54BA	54E0	5506	552C	5552	5578	559E	55C4	55EA	5610	5636	565C	5682	56A8	56CE	56F4	571A
Z09		52A7	52CD	52F3	5319	533F	5365	538B	53B1	53D7	53FD	5423	5449	546F	5495	54BB	54E1	5507	552D	5553	5579	559F	55C5	55EB	5611	5637	565D	5683	56A9	56CF	56F5	571B
Z10		52A8	52CE	52F4	531A	5340	5366	538C	53B2	53D8	53FE	5424	544A	5470	5496	54BC	54E2	5508	552E	5554	557A	55A0	55C6	55EC	5612	5638	565E	5684	56AA	56D0	56F6	571C
Z11		52A9	52CF	52F5	531B	5341	5367	538D	53B3	53D9	53FF	5425	544B	5471	5497	54BD	54E3	5509	552F	5555	557B	55A1	55C7	55ED	5613	5639	565F	5685	56AB	56D1	56F7	571D
Z12		52AA	52D0	52F6	531C	5342	5368	538E	53BA	53DA	5400	5426	544C	5472	5498	54BE	54E4	550A	5530	5556	557C	55A2	55C8	55EE	5614	563A	5660	5686	56AC	56D2	56F8	571E
Z13		52AB	52D1	52F7	531D	5343	5369	538F	53B5	53DB	5401	5427	544D	5473	5499	54BF	54E5	550B	5531	5557	557D	55A3	55C9	55EF	5615	563B	5661	5687	56AD	56D3	56F9	571F
Z14		52AC	52D2	52F8	531E	5344	536A	5390	53B6	53DC	5402	5428	544E	5474	549A	54C0	54E6	550C	5532	5558	557E	55A4	55CA	55F0	5616	563C	5662	5688	56AE	56D4	56FA	5720
Z15		52AD	52D3	52F9	531F	5345	536B	5391	53B7	53DD	5403	5429	544F	5475	549B	54C1	54E7	550D	5533	5559	557F	55A5	55CB	55F1	5617	563D	5663	5689	56AF	56D5	56FB	5721
Z16		52AE	52D4	52FA	5320	5346	536C	5392	53B8	53DE	5404	542A	5450	5476	549C	54C2	54E8	550E	5534	555A	5580	55A6	55CC	55F2	5618	563E	5664	568A	56B0	56D6	56FC	5722
Z17		52AF	52D5	52FB	5321	5347	536D	5393	53B9	53DF	5405	542B	5451	5477	549D	54C3	54E9	550F	5535	555B	5581	55A7	55CD	55F3	5619	563F	5665	568B	56B1	56D7	56FD	5723
Z18		52B0	52D6	52FC	5322	5348	536E	5394	53BA	53E0	5406	542C	5452	5478	549E	54C4	54EA	5510	5536	555C	5582	55A8	55CE	55F4	561A	5640	5666	568C	56B2	56D8	56FE	5724
Z19		52B1	52D7	52FD	5323	5349	536F	5395	53BB	53E1	5407	542D	5453	5479	549F	54C5	54EB	5511	5537	555D	5583	55A9	55CF	55F5	561B	5641	5667	568D	56B3	56D9	56FF	5725
Z20		52B2	52D8	52FE	5324	534A	5370	5396	53BC	53E2	5408	542E	5454	547A	54A0	54C6	54EC	5512	5538	555E	5584	55AA	55D0	55F6	561C	5642	5668	568E	56B4	56DA	5700	5726
Z21		52B3	52D9	52FF	5325	534B	5371	5397	53BD	53E3	5409	542F	5455	547B	54A1	54C7	54ED	5513	5539	555F	5585	55AB	55D1	55F7	561D	5643	5669	568F	56B5	56DB	5701	5727
Z22		52B4	52DA	5300	5326	534C	5372	5398	53BE	53E4	540A	5430	5456	547C	54A2	54C8	54EE	5514	553A	5560	5586	55AC	55D2	55F8	561E	5644	566A	5690	56B6	56DC	5702	5728
Z23		52B5	52DB	5301	5327	534D	5373	5399	53BF	53E5	540B	5431	5457	547D	54A3	54C9	54EF	5515	553B	5561	5587	55AD	55D3	55F9	561F	5645	566B	5691	56B7	56DD	5703	5729
Z24		52B6	52DC	5302	5328	534E	5374	539A	53C0	53E6	540C	5432	5458	547E	54A4	54CA	54F0	5516	553C	5562	5588	55AE	55D4	55FA	5620	5646	566C	5692	56B8	56DE	5704	572A
Z25		52B7	52DD	5303	5329	534F	5375	539B	53C1	53E7	540D	5433	5459	547F	54A5	54CB	54F1	5517	553D	5563	5589	55AF	55D5	55FB	5621	5647	566D	5693	56B9	56DF	5705	572B
Z26		52B8	52DE	5304	532A	5350	5376	539C	53C2	53E8	540E	5434	545A	5480	54A6	54CC	54F2	5518	553E	5564	558A	55B0	55D6	55FC	5622	5648	566E	5694	56BA	56E0	5706	572C
Z27		52B9	52DF	5305	532B	5351	5377	539D	53C3	53E9	540F	5435	545B	5481	54A7	54CD	54F3	5519	553F	5565	558B	55B1	55D7	55FD	5623	5649	566F	5695	56BB	56E1	5707	572D
Z28		52BA	52E0	5306	532C	5352	5378	539E	53C4	53EA	5410	5436	545C	5482	54A8	54CE	54F4	551A	5540	5566	558C	55B2	55D8	55FE	5624	564A	5670	5696	56BC	56E2	5708	572E
Z29		52BB	52E1	5307	532D	5353	5379	539F	53C5	53EB	5411	5437	545D	5483	54A9	54CF	54F5	551B	5541	5567	558D	55B3	55D9	55FF	5625	564B	5671	5697	56BD	56E3	5709	572F
Z30		52BC	52E2	5308	532E	5354	537A	53A0	53C6	53EC	5412	5438	545E	5484	54AA	54D0	54F6	551C	5542	5568	558E	55B4	55DA	5600	5626	564C	5672	5698	56BE	56E4	570A	5730
Z31		52BD	52E3	5309	532F	5355	537B	53A1	53C7	53ED	5413	5439	545F	5485	54AB	54D1	54F7	551D	5543	5569	558F	55B5	55DB	5601	5627	564D	5673	5699	56BF	56E5	570B	5731
Z32		52BE	52E4	530A	5330	5356	537C	53A2	53C8	53EE	5414	543A	5460	5486	54AC	54D2	54F8	551E	5544	556A	5590	55B6	55DC	5602	5628	564E	5674	569A	56C0	56E6	570C	5732
Cabinet Tamper	S01	52BF	52E5	530B	5331	5357	537D	53A3	53C9	53EF	5415	543B	5461	5487	54AD	54D3	54F9	551F	5545	556B	5591	55B7	55DD	5603	5629	564F	5675	569B	56C1	56E7	570D	5733
Low Volts	S02	52C0	52E6	530C	5332	5358	537E	53A4	53CA	53F0	5416	543C	5462	5488	54AE	54D4	54FA	5520	5546	556C	5592	55B8	55DE	5604	562A	5650	5676	569C	56C2	56E8	570E	5734
Trans Low Batt	S03	52C1	52E7	530D	5333	5359	537F	53A5	53CB	53F1	5417	543D	5463	5489	54AF	54D5	54FB	5521	5547	556D	5593	55B9	55DF	5605	562B	5651	5677	569D	56C3	56E9	570F	5735
Trans Poll Fail	S04	52C2	52E8	530E	5334	535A	5380	53A6	53CC	53F2	5418	543E	5464	548A	54B0	54D6	54FC	5522	5548	556E	5594	55BA	55E0	5606	562C	5652	5678	569E	56C4	56EA	5710	5736
Trans Jam	S05	52C3	52E9	530F	5335	535B	5381	53A7	53CD	53F3	5419	543F	5465	548B	54B1	54D7	54FD	5523	5549	556F	5595	55BB	55E1	5607	562D	5653	5679	569F	56C5	56EB	5711	5737
LAN Fail	S06	52C4	52EA	5310	5336	535C	5382	53A8	53CE	53F4	541A	5440	5466	548C	54B2	54D8	54FE	5524	554A	5570	5596	55BC	55E2	5608	562E	5654	567A	56A0	56C6	56EC	5712	5738

	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	
F																																			
Z01	5739	575F	5785	57AB	57D1	57F7	581D	5843	5869	588F	58B5	58DB	5901	5927	594D	5973	5999	59BF	59E5	5A0B	5A31	5A57	5A7D	5AA3	5AC9	5AEF	5B15	5B3B	5B61	5B87	5BAD	5BD3	5BF9	5C1F	
Z02	573A	5760	5786	57AC	57D2	57F8	581E	5844	586A	5890	58B6	58DC	5902	5928	594E	5974	599A	59C0	59E6	5A0C	5A32	5A58	5A7E	5AA4	5ACA	5AF0	5B16	5B3C	5B62	5B88	5BAE	5BD4	5BFA	5C20	
Z03	573B	5761	5787	57AD	57D3	57F9	581F	5845	586B	5891	58B7	58DD	5903	5929	594F	5975	599B	59C1	59E7	5A0D	5A33	5A59	5A7F	5AA5	5ACB	5AF1	5B17	5B3D	5B63	5B89	5BAF	5BD5	5BFB	5C21	
Z04	573C	5762	5788	57AE	57D4	57FA	5820	5846	586C	5892	58B8	58DE	5904	592A	5950	5976	599C	59C2	59E8	5A0E	5A34	5A5A	5A80	5AA6	5ACC	5AF2	5B18	5B3E	5B64	5B8A	5BB0	5BD6	5BFC	5C22	
Z05	573D	5763	5789	57AF	57D5	57FB	5821	5847	586D	5893	58B9	58DF	5905	592B	5951	5977	599D	59C3	59E9	5A0F	5A35	5A5B	5A81	5AA7	5ACD	5AF3	5B19	5B3F	5B65	5B8B	5BB1	5BD7	5BFD	5C23	
Z06	573E	5764	578A	57B0	57D6	57FC	5822	5848	586E	5894	58BA	58E0	5906	592C	5952	5978	599E	59C4	59EA	5A10	5A36	5A5C	5A82	5AA8	5ACE	5AF4	5B1A	5B40	5B66	5B8C	5BB2	5BD8	5BFE	5C24	
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F																																		
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Z25	5C5D	5C83	5CA9	5CCF	5CF5	5D1B	5D41	5D67	5D8D	5DB3	5DD9	5DFF	5E25	5E4B	5E71	5E97	5EBD	5EE3	5F09	5F2F	5F55	5F7B	5FA1	5FC7	5FED	6013	6039	605F	6085	60AB	60D1	60F7	611D	6143
Z26	5C5E	5C84	5CAA	5CD0	5CF6	5D1C	5D42	5D68	5D8E	5DB4	5DDA	5E00	5E26	5E4C	5E72	5E98	5EBE	5EE4	5F0A	5F30	5F56	5F7C	5FA2	5FC8	5FEE	6014	603A	6060	6086	60AC	60D2	60F8	611E	6144
Z27	5C5F	5C85	5CAB	5CD1	5CF7	5D1D	5D43	5D69	5D8F	5DB5	5DDB	5E01	5E27	5E4D	5E73	5E99	5EBF	5EE5	5F0B	5F31	5F57	5F7D	5FA3	5FC9	5FEF	6015	603B	6061	6087	60AD	60D3	60F9	611F	6145
Z28	5C60	5C86	5CAC	5CD2	5CF8	5D1E	5D44	5D6A	5D90	5DB6	5DDC	5E02	5E28	5E4E	5E74	5E9A	5EC0	5EE6	5F0C	5F32	5F58	5F7E	5FA4	5FCA	5FF0	6016	603C	6062	6088	60AE	60D4	60FA	6120	6146
Z29	5C61	5C87	5CAD	5CD3	5CF9	5D1F	5D45	5D6B	5D91	5DB7	5DDD	5E03	5E29	5E4F	5E75	5E9B	5EC1	5EE7	5F0D	5F33	5F59	5F7F	5FA5	5FCB	5FF1	6017	603D	6063	6089	60AF	60D5	60FB	6121	6147
Z30	5C62	5C88	5CAE	5CD4	5CFA	5D20	5D46	5D6C	5D92	5DB8	5DDE	5E04	5E2A	5E50	5E76	5E9C	5EC2	5EE8	5F0E	5F34	5F5A	5F80	5FA6	5FCC	5FF2	6018	603E	6064	608A	60B0	60D6	60FC	6122	6148
Z31	5C63	5C89	5CAF	5CD5	5CFB	5D21	5D47	5D6D	5D93	5DB9	5DDF	5E05	5E2B	5E51	5E77	5E9D	5EC3	5EE9	5F0F	5F35	5F5B	5F81	5FA7	5FCD	5FF3	6019	603F	6065	608B	60B1	60D7	60FD	6123	6149
Z32	5C64	5C8A	5CB0	5CD6	5CFC	5D22	5D48	5D6E	5D94	5DBA	5DE0	5E06	5E2C	5E52	5E78	5E9E	5EC4	5EEA	5F10	5F36	5F5C	5F82	5FA8	5FCE	5FF4	601A	6040	6066	608C	60B2	60D8	60FE	6124	614A
S01	5C65	5C8B	5CB1	5CD7	5CFD	5D23	5D49	5D6F	5D95	5DBB	5DE1	5E07	5E2D	5E53	5E79	5E9F	5EC5	5EEB	5F11	5F37	5F5D	5F83	5FA9	5FCF	5FF5	601B	6041	6067	608D	60B3	60D9	60FF	6125	614B
S02	5C66	5C8C	5CB2	5CD8	5CFE	5D24	5D4A	5D70	5D96	5DBC	5DE2	5E08	5E2E	5E54	5E7A	5EA0	5EC6	5EEC	5F12	5F38	5F5E	5F84	5FAA	5FD0	5FF6	601C	6042	6068	608E	60B4	60DA	6100	6126	614C
S03	5C67	5C8D	5CB3	5CD9	5CFF	5D25	5D4B	5D71	5D97	5DBD	5DE3	5E09	5E2F	5E55	5E7B	5EA1	5EC7	5EED	5F13	5F39	5F5F	5F85	5FAB	5FD1	5FF7	601D	6043	6069	608F	60B5	60DB	6101	6127	614D
S04	5C68	5C8E	5CB4	5CDA	5D00	5D26	5D4C	5D72	5D98	5DBE	5DE4	5E0A	5E30	5E56	5E7C	5EA2	5EC8	5EEE	5F14	5F3A	5F60	5F86	5FAC	5FD2	5FF8	601E	6044	606A	6090	60B6	60DC	6102	6128	614E
S05	5C69	5C8F	5CB5	5CDB	5D01	5D27	5D4D	5D73	5D99	5DBF	5DE5	5E0B	5E31	5E57	5E7D	5EA3	5EC9	5EEF	5F15	5F3B	5F61	5F87	5FAD	5FD3	5FF9	601F	6045	606B	6091	60B7	60DD	6103	6129	614F
S06	5C6A	5C90	5CB6	5CDC	5D02	5D28	5D4E	5D74	5D9A	5DC0	5DE6	5E0C	5E32	5E58	5E7E	5EA4	5ECA	5EF0	5F16	5F3C	5F62	5F88	5FAE	5FD4	5FFA	6020	6046	606C	6092	60B8	60DE	6104	612A	6150

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Control	C																																
Z01		1																															
Z02		2																															
Z03		3																															
Z04		4																															
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Z15		15																															
Z16		16																															
Cab tamp	S01	17																															
Int sir tamp	S02	18																															
Ext sir tamp	S03	19																															
AC fail.	S04	20																															
Low batt.	S05	21																															
LAN fuse	S06	22																															
Det fuse	S07	23																															
Lan Com	S08	24																															
Batt test fail	S09	25																															
Checksum	S10	26																															
Reset.	S11	27																															
Line Fail	S12	28																															
Uart 1	S13	29																															
Uart 2	S14	30																															
Uart 3	S15	31																															
Uart 4	S16	32																															
Zone SelfTest	S17	33																															
Time Report	S18	34																															
Manual trigger	S19	35																															
Comms B'up	S20	36																															
Comms Fail.	S21	37																															
Phone Fault	S22	38																															
Module Subst	S23	39																															
PreArm 1 start	S24	40																															
PreArm 1 fail	S25	41																															
PreArm 2 start	S26	42																															
PreArm 2 fail	S27	43																															
Req service	S28	44																															
IRDR problem	S29	45																															
GSM problem	S30	46																															
Exp pwr test	S31	47																															
Spare	S32	48																															

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LCD	T																																
Z01		49	59	69	79	89	99	109	119	129	139	149	159	169	179	189	199	209	219	229	239	249	259	269	279	289	299	309	319	329	339	349	359
Z02		50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360
Cabinet tamp	S01	51	61	71	81	91	101	111	121	131	141	151	161	171	181	191	201	211	221	231	241	251	261	271	281	291	301	311	321	331	341	351	361
Panic	S02	52	62	72	82	92	102	112	122	132	142	152	162	172	182	192	202	212	222	232	242	252	262	272	282	292	302	312	322	332	342	352	362
Door Forced	S03	53	63	73	83	93	103	113	123	133	143	153	163	173	183	193	203	213	223	233	243	253	263	273	283	293	303	313	323	333	343	353	363
Door Held	S04	54	64	74	84	94	104	114	124	134	144	154	164	174	184	194	204	214	224	234	244	254	264	274	284	294	304	314	324	334	344	354	364
Duress	S05	55	65	75	85	95	105	115	125	135	145	155	165	175	185	195	205	215	225	235	245	255	265	275	285	295	305	315	325	335	345	355	365
Deadman	S06	56	66	76	86	96	106	116	126	136	146	156	166	176	186	196	206	216	226	236	246	256	266	276	286	296	306	316	326	336	346	356	366
Too many tries	S07	57	67	77	87	97	107	117	127	137	147	157	167	177	187	197	207	217	227	237	247	257	267	277	287	297	307	317	327	337	347	357	367
LAN fail.	S08	58	68	78	88	98	108	118	128	138	148	158	168	178	188	198	208	218	228	238	248	258	268	278	288	298	308	318	328	338	348	358	368
Touchscrn	K																																
Cabinet tamp	S01	369	377	385	393	401	409	417	425	433	441	449	457	465	473	481	489	497	505	513	521	529	537	545	553	561	569	577	585	593	601	609	617
Panic	S02	370	378	386	394	402	410	418	426	434	442	450	458	466	474	482	490	498	506	514	522	530	538	546	554	562	570	578	586	594	602	610	618
Door Forced	S03	371	379	387	395	403	411	419	427	435	443	451	459	467	475	483	491	499	507	515	523	531	539	547	555	563	571	579	587	595	603	611	619
Door Held	S04	372	380	388	396	404	412	420	428	436	444	452	460	468	476	484	492	500	508	516	524	532	540	548	556	564	572	580	588	596	604	612	620
Duress	S05	373	381	389	397	405	413	421	429	437	445	453	461	469	477	485	493	501	509	517	525	533	541	549	557	565	573	581	589	597	605	613	621
Deadman	S06	374	382	390	398	406	414	422	430	438	446	454	462	470	478	486	494	502	510	518	526	534	542	550	558	566	574	582	590	598	606	614	622
Too many tries	S07	375	383	391	399	407	415	423	431	439	447	455	463	471	479	487	495	503	511	519	527	535	543	551	559	567	575	583	591	599	607	615	623
LAN fail.	S08	376	384	392	400	408	416	424	432	440	448	456	464	472	480	488	496	504	512	520	528	536	544	552	560	568	576	584	592	600	608	616	624
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Exp 32 Zone	B																																
Z01		689	731	773	815	857	899	941	983	1025	1067	1109	1151	1193	1235	1277	1319	1361	1403	1445	1487	1529	1571	1613	1655	1697	1739	1781	1823	1865	1907	1949	1991
Z02		690	732	774	816	858	900	942	984	1026	1068	1110	1152	1194	1236	1278	1320	1362	1404	1446	1488	1530	1572	1614	1656	1698	1740	1782	1824	1866	1908	1950	1992
Z03		691	733	775	817	859	901	943	985	1027	1069	1111	1153	1195	1237	1279	1321	1363	1405	1447	1489	1531	1573	1615	1657	1699	1741	1783	1825	1867	1909	1951	1993
Z04		692	734	776	818	860	902	944	986	1028	1070	1112	1154	1196	1238	1280	1322	1364	1406	1448	1490	1532	1574	1616	1658	1700	1742	1784	1826	1868	1910	1952	1994
Z05		693	735	777	819	861	903	945	987	1029	1071	1113	1155	1197	1239	1281	1323	1365	1407	1449	1491	1533	1575	1617	1659	1701	1743	1785	1827	1869	1911	1953	1995
Z06		694	736	778	820	862	904	946	988	1030	1072	1114	1156	1198	1240	1282	1324	1366	1408	1450	1492	1534	1576	1618	1660	1702	1744	1786	1828	1870	1912	1954	1996
Z07		695	737	779	821	863	905	947	989	1031	1073	1115	1157	1199	1241	1283	1325	1367	1409	1451	1493	1535	1577	1619	1661	1703	1745	1787	1829	1871	1913	1955	1997
Z08		696	738	780	822	864	906	948	990	1032	1074	1116	1158	1200	1242	1284	1326	1368	1410	1452	1494	1536	1578	1620	1662	1704	1746	1788	1830	1872	1914	1956	1998
Z09		697	739	781	823	865	907	949	991	1033	1075	1117	1159	1201	1243	1285	1327	1369	1411	1453	1495	1537	1579	1621	1663	1705	1747	1789	1831	1873	1915	1957	1999
Z10		698	740	782	824	866	908	950	992	1034	1076	1118	1160	1202	1244	1286	1328	1370	1412	1454	1496	1538	1580	1622	1664	1706	1748	1790	1832	1874	1916	1958	2000
Z11		699	741	783	825	867	909	951	993	1035	1077	1119	1161	1203	1245	1287	1329	1371	1413	1455	1497	1539	1581	1623	1665	1707	1749	1791	1833	1875	1917	1959	2001
Z12		700	742	784	826	868	910	952	994	1036	1078	1120	1162	1204	1246	1288	1330	1372	1414	1456	1498	1540	1582	1624	1666	1708	1750	1792	1834	1876	1918	1960	2002
Z13		701	743	785	827	869	911	953	995	1037	1079	1121	1163	1205	1247	1289	1331	1373	1415	1457	1499	1541	1583	1625	1667	1709	1751	1793	1835	1877	1919	1961	2003
Z14		702	744	786	828	870	912	954	996	1038	1080	1122	1164	1206	1248	1290	1332	1374	1416	1458	1500	1542	1584	1626	1668	1710	1752	1794	1836	1878	1920	1962	2004
Z15		703	745	787	829	871	913	955	997	1039	1081	1123	1165	1207	1249	1291	1333	1375	1417	1459	1501	1543	1585	1627	1669	1711	1753	1795	1837	1879	1921	1963	2005
Z16		704	746	788	830	872	914	956	998	1040	1082	1124	1166	1208	1250	1292	1334	1376	1418	1460	1502	1544	1586	1628	1670	1712	1754	1796	1838	1880	1922	1964	2006
Z17		705	747	789	831	873	915	957	999	1041	1083	1125	1167	1209	1251	1293	1335	1377	1419	1461	1503	1545	1587	1629	1671	1713	1755	1797	1839	1881	1923	1965	2007
Z18		706	748	790	832	874	916	958	1000	1042	1084	1126	1168	1210	1252	1294	1336	1378	1420	1462	1504	1546	1588	1630	1672	1714	1756	1798	1840	1882	1924	1966	2008
Z19		707	749	791	833	875	917	959	1001	1043	1085	1127	1169	1211	1253	1295	1337	1379	1421	1463	1505	1547	1589	1631	1673	1715	1757	1799	1841	1883	1925	1967	2009
Z20		708	750	792	834	876	918	960	1002	1044	1086	1128	1170	1212	1254	1296	1338	1380	1422	1464	1506	1548	1590	1632	1674	1716	1758	1800	1842	1884	1926	1968	2010
Z21		709	751	793	835	877	919	961	1003	1045	1087	1129	1171	1213	1255	1297	1339	1381	1423	1465	1507	1549	1591	1633	1675	1717	1759	1801	1843	1885	1927	1969	2011
Z22		710	752	794	836	878	920	962	1004	1046	1088	1130	1172	1214	1256	1298	1340	1382	1424	1466	1508	1550	1592	1634	1676	1718	1760	1802	1844	1886	1928	1970	2012
Z23		711	753	795	837	879	921	963	1005	1047	1089	1131	1173	1215	1257	1299	1341	1383	1425	1467	1509	1551	1593	1635	1677	1719	1761	1803	1845	1887	1929	1971	2013
Z24		712	754	796	838	880	922	964	1006	1048	1090	1132	1174	1216	1258	1300	1342	1384	1426	1468	1510	1552	1594	1636	1678	1720	1762	1804	1846	1888	1930	1972	2014
Z25		713	755	797	839	881	923	965	1007	1049	1091	1133	1175	1217	1259	1301	1343	1385	1427	1469	1511	1553	1595	1637	1679	1721	1763	1805	1847	1889	1931	1973	2015
Z26		714	756	798	840	882	924	966	1008	1050	1092	1134	1176	1218	1260	1302	1344	1386	1428	1470	1512	1554	1596	1638	1680	1722	1764	1806	1848	1890	1932	1974	2016
Z27		715	757	799	841	883	925	967	1009	1051	1093	1135	1177	1219	1261	1303	1345	1387	1429	1471	1513	1555	1597	1639	1681	1723	1765	1807	1849	1891	1933	1975	2017
Z28		716	758	800	842	884	926	968	1010	1052	1094	1136	1178	1220	1262	1304	1346	1388	1430	1472	1514	1556	1598	1640	1682	1724	1766	1808	1850	1892	1934	1976	2018
Z29		717	759	801	843	885	927	969	1011	1053	1095	1137	1179	1221	1263	1305	1347	1389	1431	1473	1515	1557	1599	1641	1683	1725	1767	1809	1851	1893	1935	1977	2019
Z30		718	760	802	844	886	928	970	1012	1054	1096	1138	1180	1222	1264	1306	1348	1390	1432	1474	1516	1558	1600	1642	1684	1726	1768	1810	1852	1894	1936	1978	2020
Z31		719	761	803	845	887	929	971	1013	1055	1097	1139	1181	1223	1265	1307	1349	1391	1433	1475	1517	1559	1601	1643	1685	1727	1769	1811	1853	1895	1937	1979	2021
Z32		720	762	804	846	888	930	972	1014	1056	1098	1140	1182	1224	1266	1308	1350	1392	1434	1476	1518	1560	1602	1644	1686	1728	1770	1812	1854	1896	1938	1980	2022
Cabinet tamp	S01	721	763	805	847	889	931	973	1015	1057	1099	1141	1183	1225	1267	1309	1351	1393	1435	1477	1519	1561	1603	1645	1687	1729	1771	1813	1855	1897	1939	1981	2023
Int siren tamp	S02	722	764	806	848	890	932	974	1016	1058	1100	1142	1184	1226	1268	1310	1352	1394	1436	1478	1520	1562	1604	1646	1688	1730	1772	1814	1856	1898	1940	1982	2024
Ext siren tamp	S03	723	765	807	849	891	933	975	1017	1059	1101	1143	1185	1227	1269	1311	1353	1395	1437	1479	1521	1563	1605	1647	1689	1731	1773	1815	1857	1899	1941	1983	2025
AC fail.	S04	724	766	808	850	892	934	976	1018	1060	1102	1144	1186	1228	1270	1312	1354	1396	1438	1480	1522	1564	1606	1648	1690	1732	1774	1816	1858	1900	1942	1984	2026
Low battery.	S05	725	767	809	851	893	935	977	1019	1061	1103	1145	1187	1229	1271	1313	1355	1397	1439	1481	1523	1565	1607	1649	1691	1733	1775	1817	1859	1901	1943	1985	2027
LAN fuse	S06	726	768	810	852	894	936	978	1020	1062	1104	1146	1188	1230	1272	1314	1356	1398	1440	1482	1524	1566	1608	1650	1692	1734	1776	1818	1860	1902	1944	1986	2028
Detector fuse	S07	727	769	811	853	895	937	979	1021	1063	1105	1147	1189	1231	1273	1315	1357	1399	1441	1483	1525	1567	1609	1651	1693	1735	1777	1819	1861	1903	1945	1987	2029
LAN fail	S08	728	770	812	854	896	938	980	1022	1064	1106	1148	1190	1232	1274	1316	1358	1400	1442	1484	1526	1568	1610	1652	1694	1736	1778	1820	186				

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Reader	R																																
Z01		2033	2049	2065	2081	2097	2113	2129	2145	2161	2177	2193	2209	2225	2241	2257	2273	2289	2305	2321	2337	2353	2369	2385	2401	2417	2433	2449	2465	2481	2497	2513	2529
Z02		2034	2050	2066	2082	2098	2114	2130	2146	2162	2178	2194	2210	2226	2242	2258	2274	2290	2306	2322	2338	2354	2370	2386	2402	2418	2434	2450	2466	2482	2498	2514	2530
Z03		2035	2051	2067	2083	2099	2115	2131	2147	2163	2179	2195	2211	2227	2243	2259	2275	2291	2307	2323	2339	2355	2371	2387	2403	2419	2435	2451	2467	2483	2499	2515	2531
Z04		2036	2052	2068	2084	2100	2116	2132	2148	2164	2180	2196	2212	2228	2244	2260	2276	2292	2308	2324	2340	2356	2372	2388	2404	2420	2436	2452	2468	2484	2500	2516	2532
Z05		2037	2053	2069	2085	2101	2117	2133	2149	2165	2181	2197	2213	2229	2245	2261	2277	2293	2309	2325	2341	2357	2373	2389	2405	2421	2437	2453	2469	2485	2501	2517	2533
Z06		2038	2054	2070	2086	2102	2118	2134	2150	2166	2182	2198	2214	2230	2246	2262	2278	2294	2310	2326	2342	2358	2374	2390	2406	2422	2438	2454	2470	2486	2502	2518	2534
Z07		2039	2055	2071	2087	2103	2119	2135	2151	2167	2183	2199	2215	2231	2247	2263	2279	2295	2311	2327	2343	2359	2375	2391	2407	2423	2439	2455	2471	2487	2503	2519	2535
Z08		2040	2056	2072	2088	2104	2120	2136	2152	2168	2184	2200	2216	2232	2248	2264	2280	2296	2312	2328	2344	2360	2376	2392	2408	2424	2440	2456	2472	2488	2504	2520	2536
Cabinet tamp	S01	2041	2057	2073	2089	2105	2121	2137	2153	2169	2185	2201	2217	2233	2249	2265	2281	2297	2313	2329	2345	2361	2377	2393	2409	2425	2441	2457	2473	2489	2505	2521	2537
Low Voltage	S02	2042	2058	2074	2090	2106	2122	2138	2154	2170	2186	2202	2218	2234	2250	2266	2282	2298	2314	2330	2346	2362	2378	2394	2410	2426	2442	2458	2474	2490	2506	2522	2538
Door 1 Forced	S03	2043	2059	2075	2091	2107	2123	2139	2155	2171	2187	2203	2219	2235	2251	2267	2283	2299	2315	2331	2347	2363	2379	2395	2411	2427	2443	2459	2475	2491	2507	2523	2539
Door 1 Held	S04	2044	2060	2076	2092	2108	2124	2140	2156	2172	2188	2204	2220	2236	2252	2268	2284	2300	2316	2332	2348	2364	2380	2396	2412	2428	2444	2460	2476	2492	2508	2524	2540
Door 2 Forced	S05	2045	2061	2077	2093	2109	2125	2141	2157	2173	2189	2205	2221	2237	2253	2269	2285	2301	2317	2333	2349	2365	2381	2397	2413	2429	2445	2461	2477	2493	2509	2525	2541
Door 2 Held	S06	2046	2062	2078	2094	2110	2126	2142	2158	2174	2190	2206	2222	2238	2254	2270	2286	2302	2318	2334	2350	2366	2382	2398	2414	2430	2446	2462	2478	2494	2510	2526	2542
Illegal Card	S07	2047	2063	2079	2095	2111	2127	2143	2159	2175	2191	2207	2223	2239	2255	2271	2287	2303	2319	2335	2351	2367	2383	2399	2415	2431	2447	2463	2479	2495	2511	2527	2543
LAN fail.	S08	2048	2064	2080	2096	2112	2128	2144	2160	2176	2192	2208	2224	2240	2256	2272	2288	2304	2320	2336	2352	2368	2384	2400	2416	2432	2448	2464	2480	2496	2512	2528	2544
Wireless	N																																
Z01		2545	2565	2585	2605	2625	2645	2665	2685	2705	2725	2745	2765	2785	2805	2825	2845	2865	2885	2905	2925	2945	2965	2985	3005	3025	3045	3065	3085	3105	3125	3145	3165
Z02		2546	2566	2586	2606	2626	2646	2666	2686	2706	2726	2746	2766	2786	2806	2826	2846	2866	2886	2906	2926	2946	2966	2986	3006	3026	3046	3066	3086	3106	3126	3146	3166
Z03		2547	2567	2587	2607	2627	2647	2667	2687	2707	2727	2747	2767	2787	2807	2827	2847	2867	2887	2907	2927	2947	2967	2987	3007	3027	3047	3067	3087	3107	3127	3147	3167
Z04		2548	2568	2588	2608	2628	2648	2668	2688	2708	2728	2748	2768	2788	2808	2828	2848	2868	2888	2908	2928	2948	2968	2988	3008	3028	3048	3068	3088	3108	3128	3148	3168
Z05		2549	2569	2589	2609	2629	2649	2669	2689	2709	2729	2749	2769	2789	2809	2829	2849	2869	2889	2909	2929	2949	2969	2989	3009	3029	3049	3069	3089	3109	3129	3149	3169
Z06		2550	2570	2590	2610	2630	2650	2670	2690	2710	2730	2750	2770	2790	2810	2830	2850	2870	2890	2910	2930	2950	2970	2990	3010	3030	3050	3070	3090	3110	3130	3150	3170
Z07		2551	2571	2591	2611	2631	2651	2671	2691	2711	2731	2751	2771	2791	2811	2831	2851	2871	2891	2911	2931	2951	2971	2991	3011	3031	3051	3071	3091	3111	3131	3151	3171
Z08		2552	2572	2592	2612	2632	2652	2672	2692	2712	2732	2752	2772	2792	2812	2832	2852	2872	2892	2912	2932	2952	2972	2992	3012	3032	3052	3072	3092	3112	3132	3152	3172
Z09		2553	2573	2593	2613	2633	2653	2673	2693	2713	2733	2753	2773	2793	2813	2833	2853	2873	2893	2913	2933	2953	2973	2993	3013	3033	3053	3073	3093	3113	3133	3153	3173
Z10		2554	2574	2594	2614	2634	2654	2674	2694	2714	2734	2754	2774	2794	2814	2834	2854	2874	2894	2914	2934	2954	2974	2994	3014	3034	3054	3074	3094	3114	3134	3154	3174
Z11		2555	2575	2595	2615	2635	2655	2675	2695	2715	2735	2755	2775	2795	2815	2835	2855	2875	2895	2915	2935	2955	2975	2995	3015	3035	3055	3075	3095	3115	3135	3155	3175
Z12		2556	2576	2596	2616	2636	2656	2676	2696	2716	2736	2756	2776	2796	2816	2836	2856	2876	2896	2916	2936	2956	2976	2996	3016	3036	3056	3076	3096	3116	3136	3156	3176
Z13		2557	2577	2597	2617	2637	2657	2677	2697	2717	2737	2757	2777	2797	2817	2837	2857	2877	2897	2917	2937	2957	2977	2997	3017	3037	3057	3077	3097	3117	3137	3157	3177
Z14		2558	2578	2598	2618	2638	2658	2678	2698	2718	2738	2758	2778	2798	2818	2838	2858	2878	2898	2918	2938	2958	2978	2998	3018	3038	3058	3078	3098	3118	3138	3158	3178
Z15		2559	2579	2599	2619	2639	2659	2679	2699	2719	2739	2759	2779	2799	2819	2839	2859	2879	2899	2919	2939	2959	2979	2999	3019	3039	3059	3079	3099	3119	3139	3159	3179
Z16		2560	2580	2600	2620	2640	2660	2680	2700	2720	2740	2760	2780	2800	2820	2840	2860	2880	2900	2920	2940	2960	2980	3000	3020	3040	3060	3080	3100	3120	3140	3160	3180
Trans Timeout	S01	2561	2581	2601	2621	2641	2661	2681	2701	2721	2741	2761	2781	2801	2821	2841	2861	2881	2901	2921	2941	2961	2981	3001	3021	3041	3061	3081	3101	3121	3141	3161	3181
Low Battery	S02	2562	2582	2602	2622	2642	2662	2682	2702	2722	2742	2762	2782	2802	2822	2842	2862	2882	2902	2922	2942	2962	2982	3002	3022	3042	3062	3082	3102	3122	3142	3162	3182
Spare	S03	2563	2583	2603	2623	2643	2663	2683	2703	2723	2743	2763	2783	2803	2823	2843	2863	2883	2903	2923	2943	2963	2983	3003	3023	3043	3063	3083	3103	3123	3143	3163	3183
Spare	S04	2564	2584	2604	2624	2644	2664	2684	2704	2724	2744	2764	2784	2804	2824	2844	2864	2884	2904	2924	2944	2964	2984	3004	3024	3044	3064	3084	3104	3124	3144	3164	3184
Exp 8 Zone	M																																
Z01		3185	3202	3219	3236	3253	3270	3287	3304	3321	3338	3355	3372	3389	3406	3423	3440	3457	3474	3491	3508	3525	3542	3559	3576	3593	3610	3627	3644	3661	3678	3695	3712
Z02		3186	3203	3220	3237	3254	3271	3288	3305	3322	3339	3356	3373	3390	3407	3424	3441	3458	3475	3492	3509												

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
	M																																
Low Volts.	S01	3193	3210	3227	3244	3261	3278	3295	3312	3329	3346	3363	3380	3397	3414	3431	3448	3465	3482	3499	3516	3533	3550	3567	3584	3601	3618	3635	3652	3669	3686	3703	3720
Zone 1 Extra	S02	3194	3211	3228	3245	3262	3279	3296	3313	3330	3347	3364	3381	3398	3415	3432	3449	3466	3483	3500	3517	3534	3551	3568	3585	3602	3619	3636	3653	3670	3687	3704	3721
Zone 2 Extra	S03	3195	3212	3229	3246	3263	3280	3297	3314	3331	3348	3365	3382	3399	3416	3433	3450	3467	3484	3501	3518	3535	3552	3569	3586	3603	3620	3637	3654	3671	3688	3705	3722
Zone 3 Extra	S04	3196	3213	3230	3247	3264	3281	3298	3315	3332	3349	3366	3383	3400	3417	3434	3451	3468	3485	3502	3519	3536	3553	3570	3587	3604	3621	3638	3655	3672	3689	3706	3723
Zone 4 Extra	S05	3197	3214	3231	3248	3265	3282	3299	3316	3333	3350	3367	3384	3401	3418	3435	3452	3469	3486	3503	3520	3537	3554	3571	3588	3605	3622	3639	3656	3673	3690	3707	3724
Zone 5 Extra	S06	3198	3215	3232	3249	3266	3283	3300	3317	3334	3351	3368	3385	3402	3419	3436	3453	3470	3487	3504	3521	3538	3555	3572	3589	3606	3623	3640	3657	3674	3691	3708	3725
Zone 6 Extra	S07	3199	3216	3233	3250	3267	3284	3301	3318	3335	3352	3369	3386	3403	3420	3437	3454	3471	3488	3505	3522	3539	3556	3573	3590	3607	3624	3641	3658	3675	3692	3709	3726
Zone 7 Extra	S08	3200	3217	3234	3251	3268	3285	3302	3319	3336	3353	3370	3387	3404	3421	3438	3455	3472	3489	3506	3523	3540	3557	3574	3591	3608	3625	3642	3659	3676	3693	3710	3727
LAN fail	S09	3201	3218	3235	3252	3269	3286	3303	3320	3337	3354	3371	3388	3405	3422	3439	3456	3473	3490	3507	3524	3541	3558	3575	3592	3609	3626	3643	3660	3677	3694	3711	3728
Exp 16 Zone	E																																
Z01		3729	3755	3781	3807	3833	3859	3885	3911	3937	3963	3989	4015	4041	4067	4093	4119	4145	4171	4197	4223	4249	4275	4301	4327	4353	4379	4405	4431	4457	4483	4509	4535
Z02		3730	3756	3782	3808	3834	3860	3886	3912	3938	3964	3990	4016	4042	4068	4094	4120	4146	4172	4198	4224	4250	4276	4302	4328	4354	4380	4406	4432	4458	4484	4510	4536
Z03		3731	3757	3783	3809	3835	3861	3887	3913	3939	3965	3991	4017	4043	4069	4095	4121	4147	4173	4199	4225	4251	4277	4303	4329	4355	4381	4407	4433	4459	4485	4511	4537
Z04		3732	3758	3784	3810	3836	3862	3888	3914	3940	3966	3992	4018	4044	4070	4096	4122	4148	4174	4200	4226	4252	4278	4304	4330	4356	4382	4408	4434	4460	4486	4512	4538
Z05		3733	3759	3785	3811	3837	3863	3889	3915	3941	3967	3993	4019	4045	4071	4097	4123	4149	4175	4201	4227	4253	4279	4305	4331	4357	4383	4409	4435	4461	4487	4513	4539
Z06		3734	3760	3786	3812	3838	3864	3890	3916	3942	3968	3994	4020	4046	4072	4098	4124	4150	4176	4202	4228	4254	4280	4306	4332	4358	4384	4410	4436	4462	4488	4514	4540
Z07		3735	3761	3787	3813	3839	3865	3891	3917	3943	3969	3995	4021	4047	4073	4099	4125	4151	4177	4203	4229	4255	4281	4307	4333	4359	4385	4411	4437	4463	4489	4515	4541
Z08		3736	3762	3788	3814	3840	3866	3892	3918	3944	3970	3996	4022	4048	4074	4100	4126	4152	4178	4204	4230	4256	4282	4308	4334	4360	4386	4412	4438	4464	4490	4516	4542
Z09		3737	3763	3789	3815	3841	3867	3893	3919	3945	3971	3997	4023	4049	4075	4101	4127	4153	4179	4205	4231	4257	4283	4309	4335	4361	4387	4413	4439	4465	4491	4517	4543
Z10		3738	3764	3790	3816	3842	3868	3894	3920	3946	3972	3998	4024	4050	4076	4102	4128	4154	4180	4206	4232	4258	4284	4310	4336	4362	4388	4414	4440	4466	4492	4518	4544
Z11		3739	3765	3791	3817	3843	3869	3895	3921	3947	3973	3999	4025	4051	4077	4103	4129	4155	4181	4207	4233	4259	4285	4311	4337	4363	4389	4415	4441	4467	4493	4519	4545
Z12		3740	3766	3792	3818	3844	3870	3896	3922	3948	3974	4000	4026	4052	4078	4104	4130	4156	4182	4208	4234	4260	4286	4312	4338	4364	4390	4416	4442	4468	4494	4520	4546
Z13		3741	3767	3793	3819	3845	3871	3897	3923	3949	3975	4001	4027	4053	4079	4105	4131	4157	4183	4209	4235	4261	4287	4313	4339	4365	4391	4417	4443	4469	4495	4521	4547
Z14		3742	3768	3794	3820	3846	3872	3898	3924	3950	3976	4002	4028	4054	4080	4106	4132	4158	4184	4210	4236	4262	4288	4314	4340	4366	4392	4418	4444	4470	4496	4522	4548
Z15		3743	3769	3795	3821	3847	3873	3899	3925	3951	3977	4003	4029	4055	4081	4107	4133	4159	4185	4211	4237	4263	4289	4315	4341	4367	4393	4419	4445	4471	4497	4523	4549
Z16		3744	3770	3796	3822	3848	3874	3900	3926	3952	3978	4004	4030	4056	4082	4108	4134	4160	4186	4212	4238	4264	4290	4316	4342	4368	4394	4420	4446	4472	4498	4524	4550
Cabinet tamp	S01	3745	3771	3797	3823	3849	3875	3901	3927	3953	3979	4005	4031	4057	4083	4109	4135	4161	4187	4213	4239	4265	4291	4317	4343	4369	4395	4421	4447	4473	4499	4525	4551
Int siren tamp	S02	3746	3772	3798	3824	3850	3876	3902	3928	3954	3980	4006	4032	4058	4084	4110	4136	4162	4188	4214	4240	4266	4292	4318	4344	4370	4396	4422	4448	4474	4500	4526	4552
Ext siren tamp	S03	3747	3773	3799	3825	3851	3877	3903	3929	3955	3981	4007	4033	4059	4085	4111	4137	4163	4189	4215	4241	4267	4293	4319	4345	4371	4397	4423	4449	4475	4501	4527	4553
AC fail.	S04	3748	3774	3800	3826	3852	3878	3904	3930	3956	3982	4008	4034	4060	4086	4112	4138	4164	4190	4216	4242	4268	4294	4320	4346	4372	4398	4424	4450	4476	4502	4528	4554
Low battery.	S05	3749	3775	3801	3827	3853	3879	3905	3931	3957	3983	4009	4035	4061	4087	4113	4139	4165	4191	4217	4243	4269	4295	4321	4347	4373	4399	4425	4451	4477	4503	4529	4555
LAN fuse	S06	3750	3776	3802	3828	3854	3880	3906	3932	3958	3984	4010	4036	4062	4088	4114	4140	4166	4192	4218	4244	4270	4296	4322	4348	4374	4400	4426	4452	4478	4504	4530	4556
Detector fuse	S07	3751	3777	3803	3829	3855	3881	3907	3933	3959	3985	4011	4037	4063	4089	4115	4141	4167	4193	4219	4245	4271	4297	4323	4349	4375	4401	4427	4453	4479	4505	4531	4557
LAN fail	S08	3752	3778	3804	3830	3856	3882	3908	3934	3960	3986	4012	4038	4064	4090	4116	4142	4168	4194	4220	4246	4272	4298	4324	4350	4376	4402	4428	4454	4480	4506	4532	4558
Batt test fail	S09	3753	3779	3805	3831	3857	3883	3909	3935	3961	3987	4013	4039	4065	4091	4117	4143	4169	4195	4221	4247	4273	4299	4325	4351	4377	4403	4429	4455	4481	4507	4533	4559
Spare	S10	3754	3780	3806	3832	3858	3884	3910	3936	3962	3988	4014	4040	4066	4092	4118	4144	4170	4196	4222	4248	4274	4300	4326	4352	4378	4404	4430	4456	4482	4508	4534	4560

Int. Reader	I	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Z01		4561	4601	4641	4681	4721	4761	4801	4841	4881	4921	4961	5001	5041	5081	5121	5161	5201	5241	5281	5321	5361	5401	5441	5481	5521	5561	5601	5641	5681	5721	5761	5801
Z02		4562	4602	4642	4682	4722	4762	4802	4842	4882	4922	4962	5002	5042	5082	5122	5162	5202	5242	5282	5322	5362	5402	5442	5482	5522	5562	5602	5642	5682	5722	5762	5802
Z03		4563	4603	4643	4683	4723	4763	4803	4843	4883	4923	4963	5003	5043	5083	5123	5163	5203	5243	5283	5323	5363	5403	5443	5483	5523	5563	5603	5643	5683	5723	5763	5803
Z04		4564	4604	4644	4684	4724	4764	4804	4844	4884	4924	4964	5004	5044	5084	5124	5164	5204	5244	5284	5324	5364	5404	5444	5484	5524	5564	5604	5644	5684	5724	5764	5804
Z05		4565	4605	4645	4685	4725	4765	4805	4845	4885	4925	4965	5005	5045	5085	5125	5165	5205	5245	5285	5325	5365	5405	5445	5485	5525	5565	5605	5645	5685	5725	5765	5805
Z06		4566	4606	4646	4686	4726	4766	4806	4846	4886	4926	4966	5006	5046	5086	5126	5166	5206	5246	5286	5326	5366	5406	5446	5486	5526	5566	5606	5646	5686	5726	5766	5806
Z07		4567	4607	4647	4687	4727	4767	4807	4847	4887	4927	4967	5007	5047	5087	5127	5167	5207	5247	5287	5327	5367	5407	5447	5487	5527	5567	5607	5647	5687	5727	5767	5807
Z08		4568	4608	4648	4688	4728	4768	4808	4848	4888	4928	4968	5008	5048	5088	5128	5168	5208	5248	5288	5328	5368	5408	5448	5488	5528	5568	5608	5648	5688	5728	5768	5808
Z09		4569	4609	4649	4689	4729	4769	4809	4849	4889	4929	4969	5009	5049	5089	5129	5169	5209	5249	5289	5329	5369	5409	5449	5489	5529	5569	5609	5649	5689	5729	5769	5809
Z10		4570	4610	4650	4690	4730	4770	4810	4850	4890	4930	4970	5010	5050	5090	5130	5170	5210	5250	5290	5330	5370	5410	5450	5490	5530	5570	5610	5650	5690	5730	5770	5810
Z11		4571	4611	4651	4691	4731	4771	4811	4851	4891	4931	4971	5011	5051	5091	5131	5171	5211	5251	5291	5331	5371	5411	5451	5491	5531	5571	5611	5651	5691	5731	5771	5811
Z12		4572	4612	4652	4692	4732	4772	4812	4852	4892	4932	4972	5012	5052	5092	5132	5172	5212	5252	5292	5332	5372	5412	5452	5492	5532	5572	5612	5652	5692	5732	5772	5812
Z13		4573	4613	4653	4693	4733	4773	4813	4853	4893	4933	4973	5013	5053	5093	5133	5173	5213	5253	5293	5333	5373	5413	5453	5493	5533	5573	5613	5653	5693	5733	5773	5813
Z14		4574	4614	4654	4694	4734	4774	4814	4854	4894	4934	4974	5014	5054	5094	5134	5174	5214	5254	5294	5334	5374	5414	5454	5494	5534	5574	5614	5654	5694	5734	5774	5814
Z15		4575	4615	4655	4695	4735	4775	4815	4855	4895	4935	4975	5015	5055	5095	5135	5175	5215	5255	5295	5335	5375	5415	5455	5495	5535	5575	5615	5655	5695	5735	5775	5815
Z16		4576	4616	4656	4696	4736	4776	4816	4856	4896	4936	4976	5016	5056	5096	5136	5176	5216	5256	5296	5336	5376	5416	5456	5496	5536	5576	5616	5656	5696	5736	5776	5816
Lock tam D1	S01	4577	4617	4657	4697	4737	4777	4817	4857	4897	4937	4977	5017	5057	5097	5137	5177	5217	5257	5297	5337	5377	5417	5457	5497	5537	5577	5617	5657	5697	5737	5777	5817
Lock tamp D2	S02	4578	4618	4658	4698	4738	4778	4818	4858	4898	4938	4978	5018	5058	5098	5138	5178	5218	5258	5298	5338	5378	5418	5458	5498	5538	5578	5618	5658	5698	5738	5778	5818
Lock tamp D3	S03	4579	4619	4659	4699	4739	4779	4819	4859	4899	4939	4979	5019	5059	5099	5139	5179	5219	5259	5299	5339	5379	5419	5459	5499	5539	5579	5619	5659	5699	5739	5779	5819
Lock tamp D4	S04	4580	4620	4660	4700	4740	4780	4820	4860	4900	4940	4980	5020	5060	5100	5140	5180	5220	5260	5300	5340	5380	5420	5460	5500	5540	5580	5620	5660	5700	5740	5780	5820
Dr Forced D1	S05	4581	4621	4661	4701	4741	4781	4821	4861	4901	4941	4981	5021	5061	5101	5141	5181	5221	5261	5301	5341	5381	5421	5461	5501	5541	5581	5621	5661	5701	5741	5781	5821
Dr Forced D2	S06	4582	4622	4662	4702	4742	4782	4822	4862	4902	4942	4982	5022	5062	5102	5142	5182	5222	5262	5302	5342	5382	5422	5462	5502	5542	5582	5622	5662	5702	5742	5782	5822
Dr Forced D3	S07	4583	4623	4663	4703	4743	4783	4823	4863	4903	4943	4983	5023	5063	5103	5143	5183	5223	5263	5303	5343	5383	5423	5463	5503	5543	5583	5623	5663	5703	5743	5783	5823
Dr Forced D4	S08	4584	4624	4664	4704	4744	4784	4824	4864	4904	4944	4984	5024	5064	5104	5144	5184	5224	5264	5304	5344	5384	5424	5464	5504	5544	5584	5624	5664	5704	5744	5784	5824
Door Held D1	S09	4585	4625	4665	4705	4745	4785	4825	4865	4905	4945	4985	5025	5065	5105	5145	5185	5225	5265	5305	5345	5385	5425	5465	5505	5545	5585	5625	5665	5705	5745	5785	5825
Door Held D2	S10	4586	4626	4666	4706	4746	4786	4826	4866	4906	4946	4986	5026	5066	5106	5146	5186	5226	5266	5306	5346	5386	5426	5466	5506	5546	5586	5626	5666	5706	5746	5786	5826
Door Held D3	S11	4587	4627	4667	4707	4747	4787	4827	4867	4907	4947	4987	5027	5067	5107	5147	5187	5227	5267	5307	5347	5387	5427	5467	5507	5547	5587	5627	5667	5707	5747	5787	5827
Door Held D4	S12	4588	4628	4668	4708	4748	4788	4828	4868	4908	4948	4988	5028	5068	5108	5148	5188	5228	5268	5308	5348	5388	5428	5468	5508	5548	5588	5628	5668	5708	5748	5788	5828
Illegal Card D1	S13	4589	4629	4669	4709	4749	4789	4829	4869	4909	4949	4989	5029	5069	5109	5149	5189	5229	5269	5309	5349	5389	5429	5469	5509	5549	5589	5629	5669	5709	5749	5789	5829
Illegal Card D2	S14	4590	4630	4670	4710	4750	4790	4830	4870	4910	4950	4990	5030	5070	5110	5150	5190	5230	5270	5310	5350	5390	5430	5470	5510	5550	5590	5630	5670	5710	5750	5790	5830
Illegal Card D3	S15	4591	4631	4671	4711	4751	4791	4831	4871	4911	4951	4991	5031	5071	5111	5151	5191	5231	5271	5311	5351	5391	5431	5471	5511	5551	5591	5631	5671	5711	5751	5791	5831
Illegal Card D4	S16	4592	4632	4672	4712	4752	4792	4832	4872	4912	4952	4992	5032	5072	5112	5152	5192	5232	5272	5312	5352	5392	5432	5472	5512	5552	5592	5632	5672	5712	5752	5792	5832
Cabinet tamp	S17	4593	4633	4673	4713	4753	4793	4833	4873	4913	4953	4993	5033	5073	5113	5153	5193	5233	5273	5313	5353	5393	5433	5473	5513	5553	5593	5633	5673	5713	5753	5793	5833
Gen lock fault	S18	4594	4634	4674	4714	4754	4794	4834	4874	4914	4954	4994	5034	5074	5114	5154	5194	5234	5274	5314	5354	5394	5434	5474	5514	5554	5594	5634	5674	5714	5754	5794	5834
Batt test fail	S19	4595	4635	4675	4715	4755	4795	4835	4875	4915	4955	4995	5035	5075	5115	5155	5195	5235	5275	5315	5355	5395	5435	5475	5515	5555	5595	5635	5675	5715	5755	5795	5835
AC fail.	S20	4596	4636	4676	4716	4756	4796	4836	4876	4916	4956	4996	5036	5076	5116	5156	5196	5236	5276	5316	5356	5396	5436	5476	5516	5556	5596	5636	5676	5716	5756	5796	5836
Low battery.	S21	4597	4637	4677	4717	4757	4797	4837	4877	4917	4957	4997	5037	5077	5117	5157	5197	5237	5277	5317	5357	5397	5437	5477	5517	5557	5597	5637	5677	5717	5757	5797	5837
LAN fuse	S22	4598	4638	4678	4718	4758	4798	4838	4878	4918	4958	4998	5038	5078	5118	5158	5198	5238	5278	5318	5358	5398	5438	5478	5518	5558	5598	5638	5678	5718	5758	5798	5838
Detector fuse	S23	4599	4639	4679	4719	4759	4799	4839	4879	4919	4959	4999	5039	5079	5119	5159	5199	5239	5279	5319	5359	5399	5439	5479	5519	5559	5599	5639	5679	5719	5759</		

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Analogue	Q																																
Z01		5841	5850	5859	5868	5877	5886	5895	5904	5913	5922	5931	5940	5949	5958	5967	5976	5985	5994	6003	6012	6021	6030	6039	6048	6057	6066	6075	6084	6093	6102	6111	6120
Z02		5842	5851	5860	5869	5878	5887	5896	5905	5914	5923	5932	5941	5950	5959	5968	5977	5986	5995	6004	6013	6022	6031	6040	6049	6058	6067	6076	6085	6094	6103	6112	6121
Z03		5843	5852	5861	5870	5879	5888	5897	5906	5915	5924	5933	5942	5951	5960	5969	5978	5987	5996	6005	6014	6023	6032	6041	6050	6059	6068	6077	6086	6095	6104	6113	6122
Z04		5844	5853	5862	5871	5880	5889	5898	5907	5916	5925	5934	5943	5952	5961	5970	5979	5988	5997	6006	6015	6024	6033	6042	6051	6060	6069	6078	6087	6096	6105	6114	6123
Z05		5845	5854	5863	5872	5881	5890	5899	5908	5917	5926	5935	5944	5953	5962	5971	5980	5989	5998	6007	6016	6025	6034	6043	6052	6061	6070	6079	6088	6097	6106	6115	6124
Z06		5846	5855	5864	5873	5882	5891	5900	5909	5918	5927	5936	5945	5954	5963	5972	5981	5990	5999	6008	6017	6026	6035	6044	6053	6062	6071	6080	6089	6098	6107	6116	6125
Cabinet tamp	S01	5847	5856	5865	5874	5883	5892	5901	5910	5919	5928	5937	5946	5955	5964	5973	5982	5991	6000	6009	6018	6027	6036	6045	6054	6063	6072	6081	6090	6099	6108	6117	6126
Low Volts	S02	5848	5857	5866	5875	5884	5893	5902	5911	5920	5929	5938	5947	5956	5965	5974	5983	5992	6001	6010	6019	6028	6037	6046	6055	6064	6073	6082	6091	6100	6109	6118	6127
LAN fail	S03	5849	5858	5867	5876	5885	5894	5903	5912	5921	5930	5939	5948	5957	5966	5975	5984	5993	6002	6011	6020	6029	6038	6047	6056	6065	6074	6083	6092	6101	6110	6119	6128
LAN Pwr Sup	P																																
Z01		6769	6787	6805	6823	6841	6859	6877	6895	6913	6931	6949	6967	6985	7003	7021	7039	7057	7075	7093	7111	7129	7147	7165	7183	7201	7219	7237	7255	7273	7291	7309	7327
Z02		6770	6788	6806	6824	6842	6860	6878	6896	6914	6932	6950	6968	6986	7004	7022	7040	7058	7076	7094	7112	7130	7148	7166	7184	7202	7220	7238	7256	7274	7292	7310	7328
Cabinet tamp	S01	6771	6789	6807	6825	6843	6861	6879	6897	6915	6933	6951	6969	6987	7005	7023	7041	7059	7077	7095	7113	7131	7149	7167	7185	7203	7221	7239	7257	7275	7293	7311	7329
AC fail.	S02	6772	6790	6808	6826	6844	6862	6880	6898	6916	6934	6952	6970	6988	7006	7024	7042	7060	7078	7096	7114	7132	7150	7168	7186	7204	7222	7240	7258	7276	7294	7312	7330
Low battery.	S03	6773	6791	6809	6827	6845	6863	6881	6899	6917	6935	6953	6971	6989	7007	7025	7043	7061	7079	7097	7115	7133	7151	7169	7187	7205	7223	7241	7259	7277	7295	7313	7331
Battery Fail	S04	6774	6792	6810	6828	6846	6864	6882	6900	6918	6936	6954	6972	6990	7008	7026	7044	7062	7080	7098	7116	7134	7152	7170	7188	7206	7224	7242	7260	7278	7296	7314	7332
Detector fuse	S05	6775	6793	6811	6829	6847	6865	6883	6901	6919	6937	6955	6973	6991	7009	7027	7045	7063	7081	7099	7117	7135	7153	7171	7189	7207	7225	7243	7261	7279	7297	7315	7333
LAN fuse	S06	6776	6794	6812	6830	6848	6866	6884	6902	6920	6938	6956	6974	6992	7010	7028	7046	7064	7082	7100	7118	7136	7154	7172	7190	7208	7226	7244	7262	7280	7298	7316	7334
Battery Fuse	S07	6777	6795	6813	6831	6849	6867	6885	6903	6921	6939	6957	6975	6993	7011	7029	7047	7065	7083	7101	7119	7137	7155	7173	7191	7209	7227	7245	7263	7281	7299	7317	7335
Aux 2 Fuse	S08	6778	6796	6814	6832	6850	6868	6886	6904	6922	6940	6958	6976	6994	7012	7030	7048	7066	7084	7102	7120	7138	7156	7174	7192	7210	7228	7246	7264	7282	7300	7318	7336
Aux 2 Tamper	S09	6779	6797	6815	6833	6851	6869	6887	6905	6923	6941	6959	6977	6995	7013	7031	7049	7067	7085	7103	7121	7139	7157	7175	7193	7211	7229	7247	7265	7283	7301	7319	7337
Det Over Curr	S10	6780	6798	6816	6834	6852	6870	6888	6906	6924	6942	6960	6978	6996	7014	7032	7050	7068	7086	7104	7122	7140	7158	7176	7194	7212	7230	7248	7266	7284	7302	7320	7338
Batt Over Curr	S11	6781	6799	6817	6835	6853	6871	6889	6907	6925	6943	6961	6979	6997	7015	7033	7051	7069	7087	7105	7123	7141	7159	7177	7195	7213	7231	7249	7267	7285	7303	7321	7339
Over Volts	S12	6782	6800	6818	6836	6854	6872	6890	6908	6926	6944	6962	6980	6998	7016	7034	7052	7070	7088	7106	7124	7142	7160	7178	7196	7214	7232	7250	7268	7286	7304	7322	7340
Low Volts	S13	6783	6801	6819	6837	6855	6873	6891	6909	6927	6945	6963	6981	6999	7017	7035	7053	7071	7089	7107	7125	7143	7161	7179	7197	7215	7233	7251	7269	7287	7305	7323	7341
Slave Fail	S14	6784	6802	6820	6838	6856	6874	6892	6910	6928	6946	6964	6982	7000	7018	7036	7054	7072	7090	7108	7126	7144	7162	7180	7198	7216	7234	7252	7270	7288	7306	7324	7342
Batt test fail	S15	6785	6803	6821	6839	6857	6875	6893	6911	6929	6947	6965	6983	7001	7019	7037	7055	7073	7091	7109	7127	7145	7163	7181	7199	7217	7235	7253	7271	7289	7307	7325	7343
LAN fail	S16	6786	6804	6822	6840	6858	6876	6894	6912	6930	6948	6966	6984	7002	7020	7038	7056	7074	7092	7110	7128	7146	7164	7182	7200	7218	7236	7254	7272	7290	7308	7326	7344

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RF Expander	F																																
Z01		7345	7383	7421	7459	7497	7535	7573	7611	7649	7687	7725	7763	7801	7839	7877	7915	7953	7991	8029	8067	8105	8143	8181	8219	8257	8295	8333	8371	8409	8447	8485	8523
Z02		7346	7384	7422	7460	7498	7536	7574	7612	7650	7688	7726	7764	7802	7840	7878	7916	7954	7992	8030	8068	8106	8144	8182	8220	8258	8296	8334	8372	8410	8448	8486	8524
Z03		7347	7385	7423	7461	7499	7537	7575	7613	7651	7689	7727	7765	7803	7841	7879	7917	7955	7993	8031	8069	8107	8145	8183	8221	8259	8297	8335	8373	8411	8449	8487	8525
Z04		7348	7386	7424	7462	7500	7538	7576	7614	7652	7690	7728	7766	7804	7842	7880	7918	7956	7994	8032	8070	8108	8146	8184	8222	8260	8298	8336	8374	8412	8450	8488	8526
Z05		7349	7387	7425	7463	7501	7539	7577	7615	7653	7691	7729	7767	7805	7843	7881	7919	7957	7995	8033	8071	8109	8147	8185	8223	8261	8299	8337	8375	8413	8451	8489	8527
Z06		7350	7388	7426	7464	7502	7540	7578	7616	7654	7692	7730	7768	7806	7844	7882	7920	7958	7996	8034	8072	8110	8148	8186	8224	8262	8300	8338	8376	8414	8452	8490	8528
Z07		7351	7389	7427	7465	7503	7541	7579	7617	7655	7693	7731	7769	7807	7845	7883	7921	7959	7997	8035	8073	8111	8149	8187	8225	8263	8301	8339	8377	8415	8453	8491	8529
Z08		7352	7390	7428	7466	7504	7542	7580	7618	7656	7694	7732	7770	7808	7846	7884	7922	7960	7998	8036	8074	8112	8150	8188	8226	8264	8302	8340	8378	8416	8454	8492	8530
Z09		7353	7391	7429	7467	7505	7543	7581	7619	7657	7695	7733	7771	7809	7847	7885	7923	7961	7999	8037	8075	8113	8151	8189	8227	8265	8303	8341	8379	8417	8455	8493	8531
Z10		7354	7392	7430	7468	7506	7544	7582	7620	7658	7696	7734	7772	7810	7848	7886	7924	7962	8000	8038	8076	8114	8152	8190	8228	8266	8304	8342	8380	8418	8456	8494	8532
Z11		7355	7393	7431	7469	7507	7545	7583	7621	7659	7697	7735	7773	7811	7849	7887	7925	7963	8001	8039	8077	8115	8153	8191	8229	8267	8305	8343	8381	8419	8457	8495	8533
Z12		7356	7394	7432	7470	7508	7546	7584	7622	7660	7698	7736	7774	7812	7850	7888	7926	7964	8002	8040	8078	8116	8154	8192	8230	8268	8306	8344	8382	8420	8458	8496	8534
Z13		7357	7395	7433	7471	7509	7547	7585	7623	7661	7699	7737	7775	7813	7851	7889	7927	7965	8003	8041	8079	8117	8155	8193	8231	8269	8307	8345	8383	8421	8459	8497	8535
Z14		7358	7396	7434	7472	7510	7548	7586	7624	7662	7700	7738	7776	7814	7852	7890	7928	7966	8004	8042	8080	8118	8156	8194	8232	8270	8308	8346	8384	8422	8460	8498	8536
Z15		7359	7397	7435	7473	7511	7549	7587	7625	7663	7701	7739	7777	7815	7853	7891	7929	7967	8005	8043	8081	8119	8157	8195	8233	8271	8309	8347	8385	8423	8461	8499	8537
Z16		7360	7398	7436	7474	7512	7550	7588	7626	7664	7702	7740	7778	7816	7854	7892	7930	7968	8006	8044	8082	8120	8158	8196	8234	8272	8310	8348	8386	8424	8462	8500	8538
Z17		7361	7399	7437	7475	7513	7551	7589	7627	7665	7703	7741	7779	7817	7855	7893	7931	7969	8007	8045	8083	8121	8159	8197	8235	8273	8311	8349	8387	8425	8463	8501	8539
Z18		7362	7400	7438	7476	7514	7552	7590	7628	7666	7704	7742	7780	7818	7856	7894	7932	7970	8008	8046	8084	8122	8160	8198	8236	8274	8312	8350	8388	8426	8464	8502	8540
Z19		7363	7401	7439	7477	7515	7553	7591	7629	7667	7705	7743	7781	7819	7857	7895	7933	7971	8009	8047	8085	8123	8161	8199	8237	8275	8313	8351	8389	8427	8465	8503	8541
Z20		7364	7402	7440	7478	7516	7554	7592	7630	7668	7706	7744	7782	7820	7858	7896	7934	7972	8010	8048	8086	8124	8162	8200	8238	8276	8314	8352	8390	8428	8466	8504	8542
Z21		7365	7403	7441	7479	7517	7555	7593	7631	7669	7707	7745	7783	7821	7859	7897	7935	7973	8011	8049	8087	8125	8163	8201	8239	8277	8315	8353	8391	8429	8467	8505	8543
Z22		7366	7404	7442	7480	7518	7556	7594	7632	7670	7708	7746	7784	7822	7860	7898	7936	7974	8012	8050	8088	8126	8164	8202	8240	8278	8316	8354	8392	8430	8468	8506	8544
Z23		7367	7405	7443	7481	7519	7557	7595	7633	7671	7709	7747	7785	7823	7861	7899	7937	7975	8013	8051	8089	8127	8165	8203	8241	8279	8317	8355	8393	8431	8469	8507	8545
Z24		7368	7406	7444	7482	7520	7558	7596	7634	7672	7710	7748	7786	7824	7862	7900	7938	7976	8014	8052	8090	8128	8166	8204	8242	8280	8318	8356	8394	8432	8470	8508	8546
Z25		7369	7407	7445	7483	7521	7559	7597	7635	7673	7711	7749	7787	7825	7863	7901	7939	7977	8015	8053	8091	8129	8167	8205	8243	8281	8319	8357	8395	8433	8471	8509	8547
Z26		7370	7408	7446	7484	7522	7560	7598	7636	7674	7712	7750	7788	7826	7864	7902	7940	7978	8016	8054	8092	8130	8168	8206	8244	8282	8320	8358	8396	8434	8472	8510	8548
Z27		7371	7409	7447	7485	7523	7561	7599	7637	7675	7713	7751	7789	7827	7865	7903	7941	7979	8017	8055	8093	8131	8169	8207	8245	8283	8321	8359	8397	8435	8473	8511	8549
Z28		7372	7410	7448	7486	7524	7562	7600	7638	7676	7714	7752	7790	7828	7866	7904	7942	7980	8018	8056	8094	8132	8170	8208	8246	8284	8322	8360	8398	8436	8474	8512	8550
Z29		7373	7411	7449	7487	7525	7563	7601	7639	7677	7715	7753	7791	7829	7867	7905	7943	7981	8019	8057	8095	8133	8171	8209	8247	8285	8323	8361	8399	8437	8475	8513	8551
Z30		7374	7412	7450	7488	7526	7564	7602	7640	7678	7716	7754	7792	7830	7868	7906	7944	7982	8020	8058	8096	8134	8172	8210	8248	8286	8324	8362	8400	8438	8476	8514	8552
Z31		7375	7413	7451	7489	7527	7565	7603	7641	7679	7717	7755	7793	7831	7869	7907	7945	7983	8021	8059	8097	8135	8173	8211	8249	8287	8325	8363	8401	8439	8477	8515	8553
Z32		7376	7414	7452	7490	7528	7566	7604	7642	7680	7718	7756	7794	7832	7870	7908	7946	7984	8022	8060	8098	8136	8174	8212	8250	8288	8326	8364	8402	8440	8478	8516	8554
Cabinet Tamper	S01	7377	7415	7453	7491	7529	7567	7605	7643	7681	7719	7757	7795	7833	7871	7909	7947	7985	8023	8061	8099	8137	8175	8213	8251	8289	8327	8365	8403	8441	8479	8517	8555
Low Volts	S02	7378	7416	7454	7492	7530	7568	7606																									

UK Firmware Defaults

This document provides details of the default settings for UK firmware. The following tables are provided:

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User Defaults

	U00001	U00002
Name	Engineer	Manager
User Type	Engineer	Master
PIN number	01	02
Card Type	Direct Entry	Direct Entry
Card Data		
Expiry		
Tenancy	000	000
USER OPTIONS		
No alarm message acknowledgement		
Duress Code		
Area List default		
Extra Area Off		
No Greeting		
Spare		
Spare		
Spare		
Extra Area		
Fob Button 1 Action / Entity	/	/
Fob Button 2 Action / Entity	/	/
Fob Button 3 Action / Entity	/	/
Fob Button 4 Action / Entity	/	/
FOB OPTIONS	6 PA nnn	6 PA nnn
ARM1 OPTIONS	1ADL nnnn	1ADL nnnn
ARM1 Fob Area	000	000
ARM2 OPTIONS	2ADL nnnn	2ADL nnnn
ARM2 Fob Area	000	000

User Type Defaults

	UT001	UT002	UT003	UT004
Name	Engineer	Master	Staff	Cleaner
TimeZone			UT003 - Staff Hrs	UT004 -Cleaner Hrs
Alternate User Type				
Area ON List	AL001 -All Areas	AL002 -Master Areas	AL003 - Staff Areas	AL004 -Cleaner Areas
Area OFF List	AL001 -All Areas	AL002 -Master Areas	AL003 - Staff Areas	
Menu Group	MG001 -Engineer Menu	MG002 -Master Menu	MG003 - Staff Menu	MG004 -Cleaner Menu
Door List	DL001 -All Doors	DL002 -Master Doors	DL003 - Staff Doors	DL004 -Cleaner Doors
Lift Car List				
Floor List				
USER TYPE OPTIONS				
Spare				
RF Fob operations allowed	Y	Y	Y	
Disabled access				
Dual Code Provider				
Override Dual User	Y	Y		
Override Anti-passback	Y	Y		
Cancel UT on PIN				
Cancel UT on Card				
Tenancy	001	000	000	000
Valid Auxiliary	:X	:X	:X	:X
Home Auxiliary Types allowed	1 2 3 4 5 6 7 8 n n n n n n n n	1 2 3 4 5 6 7 8 n n n n n n n n	1 2 3 4 5 6 7 8 n n n n n n n n	1 2 3 4 5 6 7 8 n n n n n n n n

	AL001	AL002	AL003	AL004
Name	All Areas	Master Areas	Staff Areas	Cleaner Areas
TimeZone				
Alternate Area List				
Areas 1 to 8	1 2 3 4 5 6 7 8 Y Y Y Y Y Y Y Y	1 2 3 4 5 6 7 8 Y n n n n n n n	1 2 3 4 5 6 7 8 Y n n n n n n n	1 2 3 4 5 6 7 8 n n n n n n n n
Areas 9 to 16	9 0 1 2 3 4 5 6 Y Y Y Y Y Y Y Y	9 0 1 2 3 4 5 6 n n n n n n n n	9 0 1 2 3 4 5 6 n n n n n n n n	9 0 1 2 3 4 5 6 n n n n n n n n
	etc.			

	DL001	DL002	DL003	DL004
Name	All Doors	Master Doors	Staff Doors	Cleaner Doors
TimeZone				
Alternate Door List				
Doors 1 to 8	1 2 3 4 5 6 7 8 Y Y Y Y Y Y Y Y	1 2 3 4 5 6 7 8 Y n n n n n n n	1 2 3 4 5 6 7 8 Y n n n n n n n	1 2 3 4 5 6 7 8 n n n n n n n n
Doors 9 to 16	9 0 1 2 3 4 5 6 Y Y Y Y Y Y Y Y	9 0 1 2 3 4 5 6 n n n n n n n n	9 0 1 2 3 4 5 6 n n n n n n n n	9 0 1 2 3 4 5 6 n n n n n n n n
	etc.			

Siren List SL001 01234567
Ynnnnnnnn

```
Floor List FL001          12345678      etc. (all floors)
                           YYYYYYYY
```

```
Floor List FL002 & FL003          01234567
                                     Ynnnnnnnn
```

```
Lift Car List LL001          12345678    etc. (all floors)
                              YYYYYYYY
```

Lift Car List LL002 & LL003 01234567
Ynnnnnnnn

Menu Group Defaults

	MG001	MG002	MG003	MG004
Name	Engineer Menu	Master Menu	Staff Menu	Cleaner Menu
TimeZone				
Alternate Group				
BASIC OPTIONS				
Remote Access				
Isolate on Exit	Yes	Yes	Yes	
Defer On				
Cancel Holdup				
Disable Sirens				
Ack. All Alarms	Yes	Yes		
Multiple Area ON/OFF	Yes	Yes	Yes	Yes
Tamper OFF	Yes			
MENU ACCESS				
Info. (review)	Yes	Yes	Yes	
Access	Yes	Yes	Yes	
Isolate	Yes	Yes	Yes	
Test	Yes	Yes	Yes	
Time	Yes	Yes		
Misc. (Module Disable/UK Reset)	Yes	Yes	Yes	
Service	Yes	Yes	Yes	
Control	Yes	Yes		
OPTION ACCESS				
User Codes	Yes	Yes	Yes	
User Types*	Yes	Yes		
Lists*	Yes	Yes		
Groups*	Yes	Yes		
TimeZones*	Yes	Yes		
Review*	Yes	Yes	Yes	
Adjust Counters*	Yes	Yes		
OTHER OPTIONS				
Reset Latched Alarms	Yes	Yes	Yes	
Isolate HomeZones				
Only Own Area List				
Un-Lock On Key	Yes			
Only change own PIN			Yes	Yes

* If access to the Menu containing this option is already allowed.

Access Group Defaults

	AG001	AG002	AG003
Name	ENTRY Door	EXIT Door	RIRO Door
TimeZone			
Alternate Group			
ENTRY OPTIONS			
Entry Mode	PIN or Card	PIN or Card	PIN or Card
Entry Passback Option None / Soft / Hard / Timed	None	None	None
Entry Button		Yes	
Deadlock Entry Button			
Auto Area Off	Yes		Yes
Dual User Requirement			
EXIT OPTIONS			
Exit Mode	PIN or Card	PIN or Card	PIN or Card
Exit Passback Option None / Soft / Hard / Timed	None	None	None
Exit Button	Yes		
Deadlock Exit Button			
Auto Area Off		Yes	Yes
Dual User Requirement			
GENERAL OPTIONS			
Isolate on Entry			
De-isolate on Exit			
No Entry if wrong Area			
No Exit if wrong Area			
Two Zones Mode			
Defer Arming			

Process Group Defaults

Number	1	2	3	4	5	6	7	8
Name	Intruder	Entry/Exit	Final Exit	Local Silent	Fire Zone	Duress	Automation	Emergency
Time Zone								
Alternate Group								
Input Type:								
Tamper	Y	Y	Y	Y	Y	Y		Y
Alarm	Y	Y	Y	Y	Y	Y	Y	Y
Entry		Y	Y					
Exit		Y	Y					
Pulse Count								
Primary Entry			Y					
Latch Input	Y	Y	Y		Y	Y		Y
Single Pulse								
Comms:								
Isolate	Y	Y	Y		Y	Y		Y
Tamper	Y	Y	Y		Y	Y		Y
Alarm	Y	Y	Y		Y	Y		Y
Restore	Y	Y	Y		Y	Y		Y
Entry		Y	Y					
Exit								
Unseal Restore								
Single Hit								
CID Message	130	130	130	0	110	121	0	100
4+2 Pulse Mess.	0	0	0	0	0	0	0	0
Area Auxiliaries:								
Tamper	Y	Y	Y	Y	Y	Y		Y
Alarm 1	Y	Y	Y	Y				
Alarm 2								
Alarm 3								
Alarm 4								
Isolate	Y	Y	Y		Y	Y		Y
Siren Tones: Alarm	Sweep	Sweep	Sweep		Evac.			Evac.
Tamper	Sweep	Sweep	Sweep		Sweep	Sweep		Sweep
Siren Lockout								
Siren Re-Trigger								
LCD Message Types	8	8	8	8	8	8	8	8
H aux Seal opt								
H aux Alm opt								
H aux Tamp opt								
Home Aux Opts:								
Override Aux Timer								
Minute timer								
Extra Options:								
Refresh Only								
No Refresh								
Cancel Exit Delay			Y					
Delay Report								
Lift Buttons								
Home Aux Time								
Pin Type	3 - Intruder	3 - Intruder	3 - Intruder	0	1 - Fire	2 - PA	0	0
SMS Tx Mode ^	1 #, NoAck	1 #, NoAck	1 #, NoAck	1 #, NoAck	1 #, NoAck	1 #, NoAck	1 #, NoAck	1 #, NoAck
SMS 1st Phone No.								
SIA Type	Burg	Burg	Burg	None	Fire	Holdup	None	Emergency
Action Alarms 24Hrs					Y	Y		Y

NOTE: CID Message. The Contact ID message for alarms that are included in the “sequentially confirmed alarm” logic is converted from 130 to 139 if the Confirm Pin is on for the Area in which the alarm occurred.

Number	9	10	11	12	13	14	15	16
Name	System Tamper	System Silent	System LAN	System Local	Access Local	Access Alarm	Access Silent	Test Report
Time Zone								
Alternate Group								
Input Type: Tamper	Y							
Alarm		Y	Y	Y	Y	Y	Y	Y
Entry								
Exit								
Pulse Count								
Primary Entry								
Latch Input								
Single Pulse								
Comms: Isolate	Y	Y	Y				Y	Y
Tamper	Y							
Alarm		Y	Y				Y	Y
Restore	Y	Y	Y				Y	
Entry								
Exit								
Unseal Restore								
Single Hit								
CID Message	0	0	0	0	0	0	0	0
4+2 Pulse Mess.	0	0	0	0	0	0	0	0
Area Auxiliaries: Tamper	Y							
Alarm 1			Y			Y	Y	
Alarm 2								
Alarm 3								
Alarm 4								
Isolate								
Siren Tones: Alarm			Sweep			Sweep		
Tamper	Sweep							
Siren Lockout	Y		Y			Y		
Siren Re-Trigger								
LCD Message Types	8	8	8	8	8	8	8	none
H aux Seal opt								
H aux Alm opt								
H aux Tamp opt								
Home Aux Opts: Override Aux Timer								
Minute timer								
Extra Options: Refresh Only								
No Refresh								
Cancel Exit Delay								
Delay Report								
Lift Buttons								
Home Aux Time								
Pin Type	3 - Intruder	3 - Intruder	3 - Intruder	0	0	0	0	0
SMS Tx Mode	1 #, NoAck	1 #, NoAck	1 #, NoAck	1 #, NoAck	1 #, NoAck	1 #, NoAck	1 #, NoAck	1 #, NoAck
SMS First Phone No.								
SIA Type	None	None	None	None	None	None	None	None
Action Alarm 24Hrs								

Number	17	18	19	20	21	22	23	24
Name	Fault	AC Fail	Battery	Panic	RF Jam	Log Only	Spare	Spare
Time Zone								
Alternate Group								
Input Type:								
Tamper	Y	Y	Y	Y	Y	Y		
Alarm	Y	Y	Y	Y	Y	Y		
Entry								
Exit								
Pulse Count								
Primary Entry								
Latch Input	Y	Y	Y	Y	Y			
Single Pulse								
Comms:								
Isolate	Y	Y	Y	Y	Y	Y		
Tamper	Y	Y	Y	Y	Y	Y		
Alarm	Y	Y	Y	Y	Y	Y		
Restore	Y	Y	Y	Y	Y	Y		
Entry								
Exit								
Unseal Restore								
Single Hit								
CID Message	0	301	0	123	344	0	0	0
4+2 Pulse Mess.	0	0	0	0	0	0	0	0
Area Auxiliaries:								
Tamper	Y			Y				
Alarm 1				Y				
Alarm 2								
Alarm 3								
Alarm 4								
Isolate	Y	Y	Y	Y	Y			
Siren Tones: Alarm				Bell				
Tamper	Sweep			Sweep				
Siren Lockout						Y		
Siren Re-Trigger								
LCD Message Types	8	8	8	8	8	8	none	none
H aux Seal opt								
H aux Alm opt								
H aux Tamp opt								
Home Aux Opts:								
Override Aux Timer								
Minute timer								
Extra Options:								
Refresh Only								
No Refresh								
Cancel Exit Delay								
Delay Report								
Lift Buttons								
Home Aux Time								
Pin Type	6 - Fault	8 - Power	11 - Batt	2 - PA	10 - RF Jam	0	0	0
SMS Tx Mode ^	1 #, NoAck	1 #, NoAck	1 #, NoAck	1 #, NoAck	1 #, NoAck	1 #, NoAck	None	None
SMS First Phone No.								
SIA Type	None	None	None	Panic	None	None	None	None
Action Alarm 24Hrs	Y	Y	Y	Y	Y	Y		

TimeZone Defaults

NAME	TZ001 Working Hrs	TZ002 Weekend Hrs	TZ003 Staff Hrs	TZ004 Cleaner Hrs	TZ005 Daylight	TZ006 Night-time	TZ007 Test Report
1st period: Start	09:00	09:00			07:00	21:00	
End	17:00	13:00			20:00	--:--	
Days of week: S		Y	Y	Y	Y	Y	
M	Y		Y	Y	Y	Y	
T	Y		Y	Y	Y	Y	
W	Y		Y	Y	Y	Y	
T	Y		Y	Y	Y	Y	
F	Y		Y	Y	Y	Y	
S		Y	Y	Y	Y	Y	
H			Y	Y			
2nd period: Start						--:--	
End						07:00	
Days of the week: S			Y	Y		Y	
M			Y	Y		Y	
T			Y	Y		Y	
W			Y	Y		Y	
T			Y	Y		Y	
F			Y	Y		Y	
S			Y	Y		Y	
H			Y	Y			
Holiday Types	1 Y	Y	Y	Y	Y	Y	Y
2							
3							
4							
5							
6							
Control Function							Trg Time Rep
Entity to Contol							
Entity List to Control							
On when TZ Val							Y
Off when TZ Inv							
on when TZ Val							
off when TZ Inv							
Qualify Options							
Qualify with Aux.							
Invert qualify							
Qualify Auxiliary	:X	:X	:X	:X	:X	:X	:X

Holidays

No.	Name.	Date	Type
H001	CHRISTMAS DAY	25/12-to-25/12	1
H001	BOXING DAY	26/12-to-26/12	1
H001	NEW YEARS DAY	01/01-to-01/01	1

Diaries

No.	Date/Time	Days	Text	Function
D001	/ / - :	SMTWTFS YYYYYYY	Concept Security by inner range	None
D002	25/12/ - :	SMTWTFS YYYYYYY	Merry Christmas from inner range	None
D003	01/01/ - :	SMTWTFS YYYYYYY	Happy New Year from inner range	None
D003	01/ / -12:00	SMTWTFS YYYYYYY	Battery Test Started	Battery Test

Areas

Internal Siren Mode	Instant
External Siren Mode	Instant
Siren List	SL001
Siren Time	15 Minutes
Exit Delay	30 Seconds
Entry Delay	30 Seconds
Comms Options	OCAN2S YYnnnn
Exit Auxiliary	T01:X05
Entry Auxiliary	T01:X04
Siren Auxiliary	C01:X01
Alarm 1 Auxiliary	C01:X02
Confirm Time	60 Minutes

LCD Terminals

Poll Time	10 Seconds
LAN Priority	0
Message Types	None
Message Options	SMDLIATO
	YnYnnnYn
LED Mode	None
Associated Area	.Area 001
Keypad Time	30 Seconds
Door	None
Access Options	None
Extra Options	None
Logged off Options	None
Menu Group	None
Area Filter	None
Enhanced Lockout	n
Maximum Attempts	5

Touchscreen Terminals

Poll Time	120 Seconds
LAN Priority	0
Layout	001
Messages	LDABTSHQ
	YYYnnnnn
Associated Area	None
Associated Diarty	None
Area List	None
Lockout Time	60 seconds
Logged On options	ATCcKI.N
	YYYYYYnn

Expanders

Poll Time	10 Seconds
LAN Priority	1
Battery Test Time	60 Minutes

Reader Modules

Poll Time	10 Seconds
LAN Priority	0
Purpose	Door Control
1st Door / 2nd Door	None
Options	CEXFWNT2 nnnnYnnn
Arm Mode	Entry Area if 3 Swipes
Extra Area Off/Req User	EU nn
Reader 1 Location	Outside
Reader 1 Format	26 Bit Wiegand
Reader 1 Mode	Direct Entry
Reader 1 Keypad	LCD Terminal
Reader 1 Module for PINs	T00
Reader 2 Location	Outside
Reader 2 Format	26 Bit Wiegand
Reader 2 Mode	Direct Entry
Reader 2 Keypad	LCD Terminal
Reader 2 Module for PINs	T00
Timed Anti-passback	None
Associated Area	None

Mini Expanders

Poll Time	10 Seconds
LAN Priority	0
Zone Type (All Zones)	Normal Zone
Zone Debounce (All Zones)	400 mS

Intelligent 4-Door Access Modules

Poll Time	10 Seconds
LAN Priority	0
Battery Test Time	60 Minutes
Review Pacing	00
Options	1234.dDT nnnnnnnnn
Door #1 to Door #4	D000
Reader 1 to Reader 8 Format	26 Bit Wiegand
Reader 1 to Reader 8 Mode	Direct Entry
Reader 1 to Reader 8 Arm Mode	Entry Area if 3 Swipes
Rdr 1 to Rdr 8 Extra Area off/Req User	EU nn
Reader 1 Location	Outside Door 1
Reader 2 Location	Outside Door 2
Reader 3 Location	Outside Door 3
Reader 4 Location	Outside Door 4
Reader 5 Location	Inside Door 1
Reader 6 Location	Inside Door 2
Reader 7 Location	Inside Door 3
Reader 8 Location	Inside Door 4
Reader 1 to Reader 8 Keypad	LCD Terminal
Reader 1 to Reader 8 Module for PINs	T00
Door 1 to Door 4 Inside Area State	Off
Door 1 to Door 4 Outside Area State	Off
Door 1 to Door 4 Interlock State	Closed
Timed Anti-passback	None

Analogue Modules

Poll Time	10 Seconds
LAN Priority	0
Auto Update Time	60 Minutes
Options	1234 nnnn
Trigger 1 Value (All Zones)	Not programmed
Trigger 2 Value (All Zones)	Not programmed
Configuration String (All Zones)	000000000000

LAN Power Supply Modules

Poll Time	10 Seconds
LAN Priority	0
Battery Test Time	000 Minutes
Options	12..... nnnnnnnn
Number of Slaves	0
Auxiliary 2 Tamper Current	00 mA
Battery Maximum Current	00 A/10
Detector Maximum Current	00 A/10

RF Expander Modules

Poll Time	10 Seconds
LAN Priority	0
Transmitter Poll Time	008 Hour
Options	JN....ZF nnnnnnnY

Comms Task 001

Format	Insight
Panel ID	00999999
Port to Use	1
Baud Rate	9600
Options	..EPNU.. nnnnnnnn
Paths:	IACE
Ethernet	nnnnnnnn
RS232	nnnnnYYY
FE3000	nnnnnnnn
External Modem	nnnnnnnn
Internal Modem	nnnnnnnn
IPXmit Format	IRfast
All other options	Not programmed.

Comms Task 002

Format	32 Pin
Options	 nnnnnnnn
Pin 1 Auxiliary	C01:X03
Number of Pins	08
Area Group	00

General System Options

Panel Options	NDFRL+I6 nnnnYnnY
Panel Options 2	EUEs4567 nnnYnnnn
Ring Wait Time	070 (7 Seconds)
Product Options	ELPSZWQ. Ynnnnnnn

Doors

Name	None
Inside Area	None
Outside Area	None
Access Group	None
Lock Auxiliary	None
Lock Open Time	5 Seconds
Max Open Time	30 Seconds
Options	ET nn
Interlock Group	None