

# **3000 / ACCESS 4000 V3**

**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 number (point number)                               |

**SIMSII 7 Digit Account Maintenance Zones**

|          |                                                                                                                                                                                  |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| XYZNTPP  | 7 digit message string                                                                                                                                                           |
| XYZ      | Event Code. Identifies the type of alarm or event.                                                                                                                               |
| <b>N</b> | <b>Group Byte. Used for module no. when reporting zones.</b><br><b>Numeric-alpha sequence represents decimal values 1 - 35</b><br><b>i.e. 1 to 9 = 1 to 9, A to Z = 10 to 35</b> |
| 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 | LED Keypad       | (Not yet available) |
| Type 3 | Big Expander     | B                   |
| Type 4 | Reader Module    | R                   |
| Type 5 | SpreadNet        | N                   |
| Type 6 | Mini Expander    | M                   |
| Type 7 | 16zone Expander  | E                   |
| Type 8 | Int 4 Door Contr | I                   |
| Type 9 | Analog Mod       | Q                   |

| Message    | SIMSII Accnt<br>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                                   |
| 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                                   |
| 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<br>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<br>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 | 421N107 | 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<br>Maint. Zones | Description                                                       |
|------------|------------------------------|-------------------------------------------------------------------|
| XYZ NN 201 | XYZN201                      | LED Terminal No: "NN" Zone Input 1                                |
| XYZ NN 202 | XYZN202                      | LED Terminal No: "NN" Zone Input 2                                |
| 572 NN 2?? | 572N2??                      | ISO LED Terminal No: "NN" System Zone Isolate<br>?? = 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 LED Terminal No: 3, Zone 1. |

#### LED Terminal System Input Alarms

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

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

| Message    | SIMSII Acct<br>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<br>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     |

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

#### SpreadNet Module System Input Alarms

|            |         |     |                                                           |
|------------|---------|-----|-----------------------------------------------------------|
| 145 NN 501 | 145N501 | TAM | Reader Module No: "NN" Transmitter Timeout                |
| 302 NN 502 | 302N502 | LBT | SpreadNet Module No: "NN" Low Battery                     |
| XYZ NN TPP |         |     | Message String                                            |
| XYZ        |         |     | Event Code                                                |
| NN         | N       |     | Module number. (A system can have up to 13 S'Net Modules) |
|            |         |     | SIMSII uses 1-9 then A-Z. (Representing decimal 1 to 35)  |
| T          |         |     | Module Type. Type 5 = SpreadNet Module.                   |
| PP         |         |     | Zone number (point number)                                |

| Message    | SIMSII Accnt<br>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<br>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.       |
| 143 NN 608      | 143N608 | 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<br>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<br>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     |

e.g. 302 04 705    3024705                      Low Battery Alarm on Expander Module No: 4.

|            |   |                                                                                                                   |
|------------|---|-------------------------------------------------------------------------------------------------------------------|
| XYZ NN TPP |   | Message String                                                                                                    |
| XYZ        |   | Event Code                                                                                                        |
| NN         | N | Module number. (A system can have up to 99 Expanders)<br>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<br>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<br>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. |

#### Reader 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     |
| 420 NN 805 | 420N805 | TAM | Intell. Access Module No: "NN" Door Forced. Door #1    |
| 420 NN 806 | 420N806 | TAM | Intell. Access Module No: "NN" Door Forced. Door #2    |
| 420 NN 807 | 420N807 | TAM | Intell. Access Module No: "NN" Door Forced. Door #3    |
| 420 NN 808 | 420N808 | TAM | Intell. Access Module No: "NN" Door Forced. Door #4    |
| 420 NN 809 | 420N809 | TAM | Intell. Access Module No: "NN" Door Held Open. Door #1 |
| 420 NN 810 | 420N810 | TAM | Intell. Access Module No: "NN" Door Held Open. Door #2 |
| 420 NN 811 | 420N811 | TAM | Intell. Access Module No: "NN" Door Held Open. Door #3 |
| 420 NN 812 | 420N812 | TAM | Intell. Access Module No: "NN" Door Held Open. Door #4 |
| 421 NN 813 | 421N813 | ALR | Intell. Access Module No: "NN" Illegal Card. Door #1   |
| 421 NN 814 | 421N814 | ALR | Intell. Access Module No: "NN" Illegal Card. Door #2   |
| 421 NN 815 | 421N815 | ALR | Intell. Access Module No: "NN" Illegal Card. Door #3   |
| 421 NN 816 | 421N816 | ALR | Intell. Access Module No: "NN" Illegal Card. Door #4   |
| 145 NN 817 | 145N817 | TAM | Intell. Access Module No: "NN" Cabinet tamper.         |
| 145 NN 818 | 145N818 | TAM | 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

XYZ

NN

N

T

PP

Message String

Event Code

Module number.

SIMSII uses 1-9 then A-Z. (Representing decimal 1 to 35)

Module Type. Type 8 = Intelligent 4Dr Access Module.

Zone number (point number)

| Message    | SIMSII Accnt<br>Maint. Zones | Description                                                          |
|------------|------------------------------|----------------------------------------------------------------------|
| 999 NN 099 | 9991099                      | Analogue Module No: "NN" Zone Input 1                                |
| 999 NN 099 | 9991099                      | Analogue Module No: "NN" Zone Input 2                                |
| 999 NN 099 | 9991099                      | Analogue Module No: "NN" Zone Input 3                                |
| 999 NN 099 | 9991099                      | Analogue Module No: "NN" Zone Input 4                                |
| 999 NN 099 | 9991099                      | Analogue Module No: "NN" Zone Input 5                                |
| 999 NN 099 | 9991099                      | Analogue Module No: "NN" Zone Input 6                                |
| 572 NN 7PP | 572N7PP                      | ISO Expander Module No: "NN" System Zone Isolate<br>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. |

#### Analogue Module System Input Alarms

|                 |         |     |                                          |
|-----------------|---------|-----|------------------------------------------|
| 999 NN 099      | 999N099 | TAM | Analogue Module No: "NN" Cabinet tamper. |
| 999 NN 099      | 999N099 | TAM | Analogue Module No: "NN" Low Volts.      |
| 999 NN 099      | 999N099 | TAM | Analogue Module No: "NN" LAN Comms.      |
| e.g. 999 01 099 | 999N099 |     | All Analogue Inputs                      |

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