

GEM-P816/1632 VERSION 9A Description of SIA Format

<u>Code</u>	<u>Event</u>
FA	Fire Alarm
FR	Fire Restore
FT	Fire Trouble
FJ	Fire Trouble Restore
HA	Ambush / Hold-Up
HR	Hold-Up Restore
HT	Hold-Up Trouble
HJ	Hold-Up Trouble Restore
PA	Panic
PR	Panic Restore
PT	Panic Trouble
PJ	Panic Trouble Restore
BA	Burglary
BR	Burglary Restore
BT	Burglary Trouble (Day Zone)
BJ	Burglary Trouble Restore (Day Zone)
QA	Keypad Auxiliary
MA	Zone Auxiliary
MR	Zone Auxiliary Restore
MT	Zone Auxiliary Trouble
MJ	Zone Auxiliary Trouble Restore
UA	24hr Auxiliary
UR	24hr Auxiliary Restore
UT	24hr Auxiliary Trouble
UJ	24hr Auxiliary Trouble Restore
GA	Gas Alarm
GR	Gas Restore
GT	Gas Trouble
GJ	Gas Trouble Restore
KA	Heat Alarm
KR	Heat Restore
KT	Heat Trouble
KJ	Heat Trouble Restore
TA - 0	Keypad Tamper
TA - 2	EZM Tamper
TA - 4	Alarm Supervisory
TR	Alarm Supervisory Restore
AT	AC Failure
AR	AC Failure Restore
YT	System Low Battery
YR	System Battery Restore
YF	Memory Failure
ET	RF Receiver Failure
LR	Telco Fail Restore
YC	Wireless Supervisory Trouble
XT	Wireless Low Battery
XX	Keyfob Low Battery
CF	Conditional Close/Status/Select bypass in Conditional Close/Force Close

CL	User Arm/Keyswitch Arm/Remote Arm/Easy Arm
OP	User Disarm/Keyswitch Disarm/Remote Disarm
OC	Cancel Report
OR	Open After Alarm
OI	Fail to Open
CI	Fail to Close
RP	Test Timer

The following are SIA report examples as they would appear on an Osborne Hoffman receiver.
XXXX = Account number

Sample report: LN 1 DATE = 09-03-97
TIME = 10:52:00
ACCOUNT XXXX LINE A
BURGLARY ALARM
CODE BA ZONE 1

Alarms

Burglary

BURGLARY ALARM
CODE BA ZONE 1
BURGLARY RESTORAL
CODE BR ZONE 1

Burglary, Zone 1

Restore, Zone 1

Burglary/24 Hour Zone

PANIC ALARM
CODE PA ZONE 4
PANIC RESTORAL
CODE PR ZONE 4

Burglary/24 Hour Zone, Zone 4

Restore, Burg/24Hour Zone, Zone 4

Ambush

HOLDUP ALARM
CODE HA ZONE 0

Ambush

Keypad Panic

PANIC ALARM
CODE PA ZONE 0

Keypad Panic

Keypad Auxiliary

EMERGENCY ALARM
CODE QA ZONE 0

Keypad Auxiliary

Keypad Fire

FIRE ALARM
CODE FA ZONE 0

Keypad Fire Alarm

Fire

FIRE ALARM

Fire, Zone 8

CODE FA ZONE 8
FIRE RESTORAL
CODE FR ZONE 8

Fire Restore, Zone 8

Opening/Closing

Closing by User
CLOSING REPORT
CODE CL ID 1

Closing, User 1

Opening by User
OPENING REPORT
CODE OP ID 14

Opening, User 14

Auto Arm (Always User 33)
CLOSING REPORT
CODE CL ID 33

Auto Arm, User 33

Remote Arm/Disarm (Always User 34)
CLOSING REPORT
CODE CL ID 34
OPENING REPORT
CODE OP ID 34

Closing, Remote/Local PC

Opening, Remote/local PC

Easy Arm (Always User 35)
CLOSING REPORT
CODE CL ID 35

Closing, Easy Arm

Keyswitch Arm/Disarm (Always User 36)
CLOSING REPORT
CODE CL ID 36
OPENING REPORT
CODE OP ID 36

Closing, Keyswitch

Opening, Keyswitch

Conditional Closing
FORCED CLOSING
CODE CF ID 1

Closing, Zone Bypassed, User 1

Status Report
FORCED CLOSING
CODE CF ID 1
BURGLARY TROUBLE
CODE BT ZONE 13

Closing, Zone Bypassed, User 1

Zone Bypass, Zone 5

The Conditional closing is sent, followed by the status report. This sequence of reports is sent when a zone is Auto bypassed.

Open After Alarm
DISARM FROM ALARM
CODE OR ID 1

Open After Alarm, User 1

Select Bypass in Conditional Close

FORCE CLOSING	Conditional Close, User 1
CODE CF ID 1	
BURGLARY TROUBLE	Manual Bypass, Zone 1
CODE BT ZONE 1	

The Conditional closing is sent, followed by the Select (manual) bypass. This sequence of reports is sent when a zone is manually bypassed

Fail to Open

FAIL TO OPEN	Fail to Open
CODE OI ID 0	

If an area has not been disarmed, at the end of the Report Suppression window for openings, a Fail to Open report will be generated.

Fail to Close

FAIL TO CLOSE	Fail to Close
CODE CI ID 0	

If an area has not been armed, at the end of the Report suppression window for closings, a Fail to close report will be generated.

Force Close

CLOSING REPORT	Auto Arm , User 33
CODE CF ID 33	

In the event of a Fail to Close, if *Enable Auto Arm if not closed at end of window* is enabled, the panel will arm automatically in 15 minutes. If zones are faulted at the time of auto arm, the panel will auto bypass all faulted zones (including priority zones). This will generate a Force Close report.

System TroublesAC Failure

AC TROUBLE	AC Failure
CODE AT ZONE 0	
AC RESTORE	AC Failure Restore
CODE AR ZONE 0	

Low Battery

SYSTEM BAT. TROUBLE	Low Battery
CODE YT ZONE 0	
SYSTEM BAT. RESTORE	Low Battery Restore
CODE YR ZONE 0	

Memory Failure

MEMORY FAILURE	Memory Failure
CODE YF ZONE 0	

Alarm Supervisory

TAMPER ALARM	Alarm Supervisory/Bell Cut
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CODE TA ZONE 4
TAMPER RESTORAL Alarm Supervisory Restore
CODE TR ZONE 0

EZM Tamper
TAMPER ALARM EZM 1 Tamper
CODE TA ZONE 2

Telco Fail Restore
PHONE LINE RESTORAL Telephone Line Restore
CODE LR CODE 0

Wireless

RF Receiver Trouble
EXPANSION TROUBLE Receiver Failure/Tamper
CODE ET ZONE 0

Wireless Trouble (Transmitter)
COMMUNICATIONS FAIL Wireless Trouble (Supervisory), Zone 5
CODE YC ZONE 5

Wireless Low Battery (Transmitter)
TRANSMITTER LOW BATTERY Wireless Low Battery, Zone 5
CODE XT ZONE 5

Keyfob low Battery
TRANSMITTER LOW BATTERY Keyfob Low Battery
CODE XX ZONE 0

Troubles/Miscellaneous

Day Zone Trouble
BURGLARY TROUBLE Trouble (Day Zone), Zone3
CODE BT ZONE 3
BURG TROUBLE RESTORE Trouble Restore, Zone 3
CODE BJ ZONE 3

Fire Trouble
FIRE TROUBLE Fire Trouble, Zone 8
CODE FT ZONE 8
FIRE TROUBLE RESTORE Fire Trouble Restore, Zone 8
CODE FJ ZONE 8

Keypad Tamper
TAMPER ALARM Keypad Tamper
CODE TA ZONE 0

Test Timer

AUTOMATIC TEST
CODE RP ZONE 0

Periodic Test

Note: If a restore is not displayed for an event, the panel doesn't send a restore for that event.