SIA Format

In the SIA8 and SIA20 formats, the 5128/29 transmits the English description shown in the first column of
Table 6.1-1. At the central station, the 9000 receiver prints the English message shown in the second column. All zones can be programmed as FIRE, WATERFLOW, UNDEFINED, or SPRINKLER. Note that in Column 2 below "FIRE" is used as an example. The actual word printed will be whatever zone type has been programmed.

Table 6.1-1: 9000 Printout for SIA Format

5128/29	9000 PRINTOUT
ALARM 1-4	FIRE ALARM 1-4
ALARM RESTORE 1-4	FIRE ALARM RESTORE 1-4
TROUBLE 1-4	FIRE TROUBLE 1-4
TROUBLE RESTORE 1-4	FIRE TROUBLE RESTORE 1-4
AC LOST	AC TROUBLE 0
AC RESTORE	AC RESTORE 0
MANUAL TEST	MANUAL TEST 0
AUTOMATIC TEST	AUTO TEST 0
FIRE DRILL	MANUAL TEST 0 or 1
DOWNLOADING SUCCEEDED	PROGRAMMING PASS 0
DOWNLOADING FAILED	PROGRAMMING FAIL 0
PHONE LINE #1 TROUBLE	PHONE LINE TROUBLE 1
PHONE LINE #2 TROUBLE	PHONE LINE TROUBLE 2
DATA LOST	DATA LOST 0
PHONE LINE #1 RESTORE	PHONE LINE RESTORE 1
PHONE LINE #2 RESTORE	PHONE LINE RESTORE 2

Silent Knight FSK and 4+2 Formats

The Silent Knight FSK and 4+2 formats transmit a 4-digit account number and a 2-digit alarm code. When an event is reported in either of these formats, the dialer transmits the two digits shown in the second column. The 9000 can be programmed to print either the digits or the English message shown in the third column of Table 6.2-1. If you are using the 9032 line card, FSK2 and BFSK are the only formats that will report in English.

Table 6.2-1: 9000 Printout for Silent Knight FSK and 4+2 Formats

5128/29	DIGITS TRANSMITTED	9000 RECEIVER ENGLISH LANGUAGE PRINTOUT
ALARM 1-4	*01-04	ALARM 01 - ALARM 04
ALARM RESTORE 1-4	*21-24	RESTORE 01 - RESTORE 04
TROUBLE 1-4	61-64	TROUBLE 01 - TROUBLE 04
TROUBLE RESTORE 1-4	71-74	RESTORE 01 - RESTORE 04
AC LOST	60	AC TROUBLE
AC RESTORE	70	AC RESTORE
MANUAL TEST	30	TEST
AUTOMATIC TEST	30	TEST
FIRE DRILL	30	TEST
DOWNLOADING SUCCEEDED	30	TEST
DOWNLOADING FAILED	30	TEST
PHONE LINE #1 TROUBLE	31	PHONE LINE TROUBLE 01
PHONE LINE #2 TROUBLE	32	PHONE LINE TROUBLE 02
DATA LOST	39	DATA LOST 0
PHONE LINE #1 RESTORE	35	PHONE LINE RESTORE 01
PHONE LINE #2 RESTORE	36	PHONE LINE RESTORE 02

"02" and "22" will never be reported. Channel/Zone 2 is a trouble indication only that will transmit only "62" and "72."

Radionics BFSK

In this format, the 5128/29 transmits in English with the event description shown in the first column of
Table 6.3-1. At the central station, the Silent Knight model 9000 receiver prints the English message shown in the third column. In Radionics BFSK format, the 9000 does not print alarm type, just the words "ALARM," "TROUBLE," and so on.

Table 6.3-1: 9000 Printout for Radionics BFSK Format

DIALER CONDITION	DIGITS TRANSMITTED	9000 RECEIVER PRINTOUT
ALARM 1-4	10-40	ALARM 01 - ALARM 04
ALARM RESTORE 1-4	E1-E4	RESTORE 01 - RESTORE 04
TROUBLE 1-4	F1 -F4	TROUBLE 01 - TROUBLE 04
TROUBLE RESTORE 1-4	E1-E4	RESTORE 01 - RESTORE 04
AC LOST	FA	TROUBLE 00
AC RESTORE	EA	RESTORE 00
MANUAL TEST	EE	RESTORE 0E
AUTOMATIC TEST	EE	RESTORE 0F
FIRE DRILL	EE	TROUBLE 0E
DOWNLOADING SUCCEEDED	EF	TROUBLE 0F
DOWNLOADING FAILED	FF	TROUBLE 0F
PHONE LINE #1 TROUBLE	FB	TROUBLE 0B
PHONE LINE #2 TROUBLE	FC	TROUBLE 0C
DATA LOST	FE	RESTORE 0E
RESTORE PHONE LINE #1	EB	RESTORE 0B
PHONE LINE #2	EC	RESTORE 0C

Silent Knight 3/1 and Sescoa 3/1

These formats transmit a 3-digit account number and a single-digit alarm code. These two formats greatly limit the amount of information that can be reported. To avoid confusion at the central station, standard alarm digits should be chosen. During programming, you select which alarm digits will be reported for different events. You can choose not to report restores or not to use zone numbers that might be duplicated by a supervisory transmission. The second column of Table 6.4-1 indicates that the 9000 prints only the digit (X) that has been programmed for that event—not an English message.

Table 6.4-1: 9000 Printout for Silent Knight and Sescoa 3/1 Formats

5128/29	9000 RECEIVER PRINTOUT
ALARM 1-4	CODE X = ALARM
ALARM RESTORE 1-4	CODE X = RESTORE
TROUBLE 1-4	CODE X = TROUBLE
TROUBLE RESTORE 1-4	CODE X = RESTORE
AC LOST	CODE X = TROUBLE
AC RESTORE	CODE X = RESTORE
MANUAL TEST	CODE X = TEST
AUTOMATIC TEST	CODE X = TEST
FIRE TEST	CODE X = TEST
DOWNLOADING SUCCEEDED	CODE X = TEST
DOWNLOADING FAILED	CODE X = TEST
PHONE LINE #1 TROUBLE	CODE X = TROUBLE
PHONE LINE #2 TROUBLE	CODE X = TROUBLE
DATA LOST	CODE X = TEST
PHONE LINE #1 RESTORE	CODE X = RESTORE
PHONE LINE #2 RESTORE	CODE X = RESTORE