Conettix D6600/D6100IPv6/D6100i

EN

Computer Interface Manual

Receiver/Gateway

BOSCH

Contents

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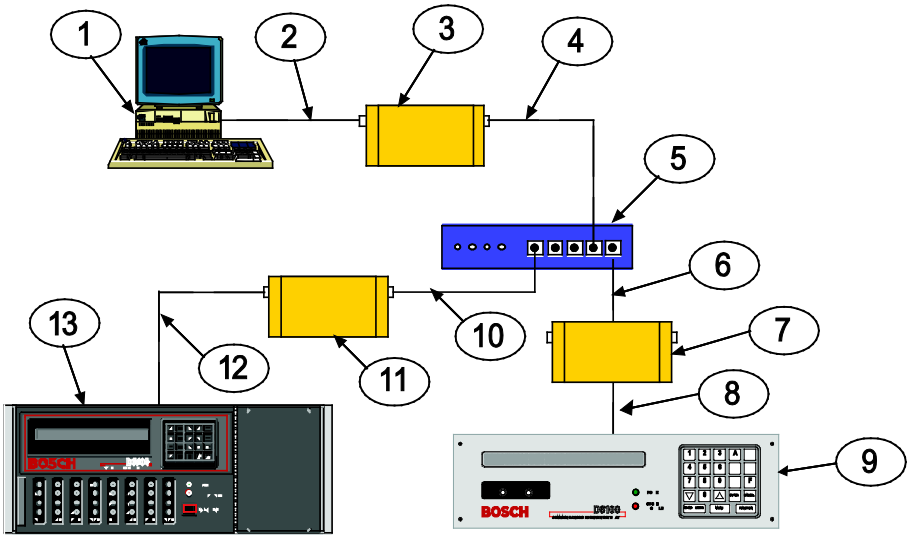
1.0 System Connection

1.1 Conettix D6686/D6682/D6680 Ethernet Network Adapter Connection

Use the Conettix D6686/D6682/D6680 Ethernet Network Adapter to connect a manufacturer's automation software package to the D6600/D6100IPv6/D6100i when the software cannot receive network data (*Figure 1*). Refer to the Special Conettix D6600 Applications in the Conettix D6600/D6100IPv6/D6100i Network System Guide (P/N: 4998122712).

Figure 1: D6600/D6100IPv6/D6100i System – Standard/Network Automation



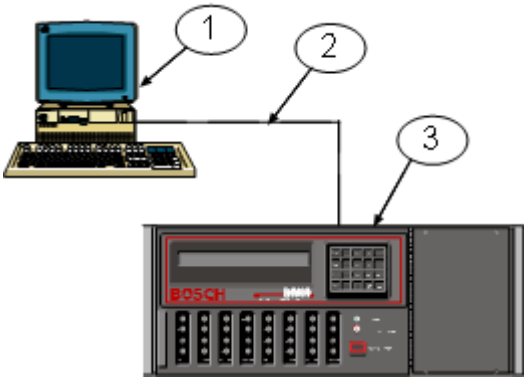
1 - Automation PC
2 - Connection - PC COM Port to D6686/D6682/D6680 RS-232
3 - D6686/D6682/D6680
4 - Connection - D6686/D6682/D6680 to Hub/Switch
5 - Hub/Switch
6 - Connection – D6686/D6682/D6680 to Hub/Switch
7 - D6686/D6682/D6680
8 - Connection – D6686/D6682/D6680 RS-232 to D6100IPv6/D6100i COM3
9 - D6100IPv6/D6100i
10 - Connection - D6686/D6682/D6680 to Hub/Switch
11 - D6686/D6682/D6680
12 - Connection – D6686/D6682/D6680 RS-232 to D6600 COM3
13 – D6600

* For automation packages with network capabilities: The packet format received from the D6600/D6100IPv6/D6100i is the same as for RS-232 reporting, except an internet protocol (IP) and user datagram protocol (UDP) header is stamped on the packet as the data transmitted by either standard IP or UDP structure over the network. Automation software can support the network communication easily by calling Socket functions, both provided in Windows and Unix by using the built-in IP connections (or sockets) available in Windows and Unix.

1.2 Direct Connection – RS-232

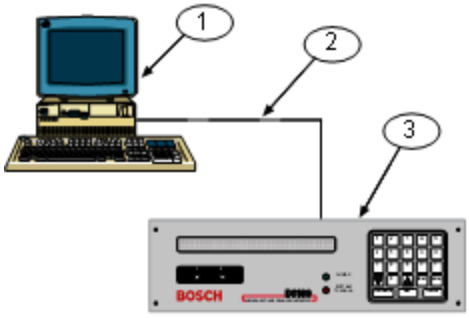
Figure 2 and *Figure 3* show a D6600 System using any manufacturer's automation software package directly connected to a D6600/D6100IPv6/D6100i.

Figure 2: D6600 System – Direct Connect



1 - Automation PC
2 - Connection - Automation PC COM port to D6600 COM3
3 - D6600

Figure 3: D6100i System – Direct Connect



1 - Automation PC
2 - Connection - Automation PC COM port to D6100IPv6/D6100i COM3
3 - D6100IPv6/D6100i

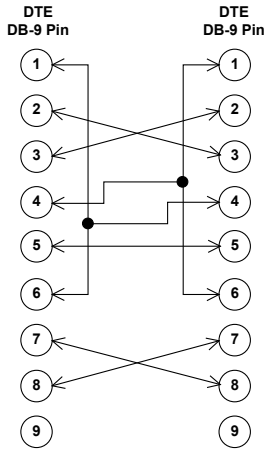
2.0 Making the Right Connection

2.1 COM3 DB9 Connector

The COM3 Port uses a standard DB9 female connector. The suggested connections to the computer are shown in *Figure 4* to *Figure 6*.

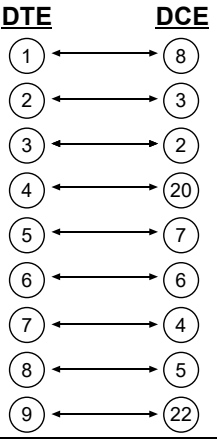
When connecting data terminal equipment (DTE) together (such as a COM1 port to PC serial port), a null-modem cable must be used. One possible configuration for a null-modem cable is shown in *Figure 4*.

Figure 4: Null Modem Cable Configuration



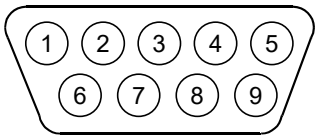
When connecting data terminal equipment to data communication equipment (DCE) (such as the D6600/D6100IPv6/D6100i COM port to a modem), a modem cable should be used (such as a straight-through cable shown in *Figure 5*).

Figure 5: Straight-through Modem Cable Configuration



Each pin of the modem cable is defined in *Figure 6*.

Figure 6: Modem Cable Pin Definitions



(Male DB9 on receiver)

1 - Data carrier detect (DCD)	6 - Data set ready (DSR)
2 - Receive (RX)	7 - Ready to send (RTS)
3 - Transmit (TX)	8 - Clear to send (CTS)
4 - Data terminal ready (DTR)	9 - Ring indicator (RI)
5 - Signal-ground (SIG-GND)	

2.2 Selecting Program Options in the D6600/D6100IPv6/D6100i

Use the D6600/D6100IPv6/D6100i keypad or the D6200 Programming Software to program the receivers. Below are the recommended selections for programming when connecting the receivers to an automation system. Additional selections can be found in the D6600/D6100IPv6/D6100i Program Entry Guide (P/N: 4998122702).

Table 1: Recommended Programming Selections

Receiver Gateway Number	Selects a number (01 to 99) that is included in every message to the computer in both D6500 and SIA modes
Output Format	Enable computer output messages in the selected format: SIA computer interface standard format, recommended (expanded reporting capabilities) D6500 21-character format output
Baud Rate	Use maximum speed supported by PC
Link Test	Tests if a supervision signal can be sent and received from the central station by the receiver

3.0 Computer Communication Protocols

3.1 D6500 Mode Messages

In D6500 Mode, the line number/group number sent to the computer is only one digit. Refer to Table 2.

Table 2: D6600 Line Number/Group Number Conversion Table

Line# /Group #	Converted to	Line# /Group #	Converted to	Line # /Group #	Converted to	Line # /Group #	Converted to
L01/G01	1	L09/G09	9	L17/G17	H	L25/G25	P
L02/G02	2	L10/G10	A	L18/G18	I	L26/G26	Q
L03/G03	3	L11/G11	B	L19/G19	J	L27/G27	R
L04/G04	4	L12/G12	C	L20/G20	K	L28/G28	S
L05/G05	5	L13/G13	D	L21/G21	L	L29/G29	T
L06/G06	6	L14/G14	E	L22/G22	M	L30/G30	U
L07/G07	7	L15/G15	F	L23/G23	N	L31/G31	V
L08/G08	8	L16/G16	G	L24/G24	O	L32/G32	W

In D6500 mode, any group that equals 33 is converted to an “X.” Any group greater than or equal to 34 is converted to a “Y.” For lines that are grouped, Gxx appears instead of Lxx. For networked accounts, Nxx appears instead of Lxx and the line number is identified.

3.1.1 Acron Super Fast (Message Type 9)

Acron Super Fast Example

D6500 Byte Description																					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
h	9	r	r	l	s	s	s	s	a	a	a	a	C	C	C	C	C	C	C	C	t

Table 3: Message Type 9 (Acron Super Fast) Byte Description

#	Title	Description
1	Header Character (h)	Optional. Check with the computer automation software for compatibility.
2	Message Type	9
3-4	Receiver Number	Receiver gateway number from 01 to 99.
5	Line/Group Number	Line number in the receiver gateway that sent the message.
6-9	Spaces	Six spaces.
10-13	Account Number	Account number, four digits.
14-21	Channels	Channels 1 to 8
22	Trailer Character	Typically, this is HEX 14.

3.1.2 Ademco 4-1 Express (Message Type b)

4-1 Express Example

D6500 Byte Description																					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
h	b	r	r	l	s	s	s	s	s	s	a	a	a	a	s	E	s	s	s	X	t

Table 4: Message Type b (Ademco 4-1 Express) Byte Description

#	Title	Description
1	Header Character (h)	Optional. Check with the computer automation software for compatibility.
2	Message Type	b
3-4	Receiver Number	Receiver gateway number from 01 to 99.
5	Line/Group Number	Line number in the receiver gateway that sent the message.
6-11	Spaces	Six spaces.
12-15	Account Number	Account number, four digits.
16	Space	One space.
17	E	Event Code, “A” as the default.
18-20	Spaces	Three spaces.
21	X	Zone number.
22	Trailer Character	Typically, this is HEX 14.

3.1.3 Ademco 4-2 Express (Message Type c)

4-2 Express Example

D6500 Byte Description																					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
h	c	r	r	l	s	s	s	s	s	s	a	a	a	a	s	E	s	s	X	Y	t

Table 5: Message Type c (Ademco 4-2 Express) Byte Description

#	Title	Description
1	Header Character (h)	Optional. Check with the computer automation software for compatibility.
2	Message Type	c
3-4	Receiver Number	Receiver gateway number from 01 to 99.
5	Line/Group Number	Line number in the receiver gateway that sent the message.
6-11	Spaces	Six spaces.
12-15	Account Number	Account number, four digits.
16	Space	One space.
17	E	Event Code, “A” as the default.
18-19	Spaces	Two spaces.
20-21	XY	Event code and zone number.
22	Trailer Character	Typically, this is HEX 14.

3.1.4 Ademco Contact-ID (Message Type a)

Contact ID Example

D6500 Byte Description																					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
h	a	r	r	l	s	a	a	a	a	1	8	Q	X	Y	Z	G	G	C	C	C	t

Table 6: Message Type a (Ademco Contact ID) Byte Description

#	Title	Description
1	Header Character (h)	Optional. Check with the computer automation software for compatibility.
2	Message Type	a
3-4	Receiver Number	Receiver gateway number from 01 to 99.
5	Line/Group Number	Line number in the receiver gateway that sent the message.
6	Space	One space.
7-10	Account Number	Account number, four digits.
11-12	18	Ademco Contact-ID format number
13	Qualifier	Qualifier, 1=New event or opening, 3=New restore or closing, 6=Previous event.
14-16	XYZ	Class code and event code (see *Appendix A: Contact ID Event Code Classifications*).
17-18	GG	Group number.
19-21	CCC	Zone codes or user ID.
22	Trailer Character	Typically, this is HEX 14.

3.1.5 Ademco 10-Digit Contact-ID (Message Type a)

Contact ID Example

D6500 Byte Description													
1	2	3	4	5	6	7	8	9	10	11	12	13	14
h	a	r	r	l	s	a	a	a	a	a	a	a	a
15	16	17	18	19	20	21	22	23	24	25	26	27	28
a	a	5	8	Q	X	Y	Z	G	G	C	C	C	t

Table 7: Message Type a (Ademco 10-Digit) Byte Description

#	Title	Description
1	Header Character (h)	Optional. Check with the computer automation software for compatibility.
2	Message Type	ASCII a. Message Type a for Ademco Contact-ID format.
3-4	Receiver Number	Receiver gateway number from 01 to 99.
5	Line Card Number	Line number in the receiver gateway that sent the message.
6	Space	One space.
7-16	Account Number	Account number, 10 digits.
17-18	58	Ademco Contact-ID format number for 10 digits account.
19	Qualifier	Qualifier, 1=New event or opening, 3=New restore or closing, 6=Previous event.
20-22	XYZ	Class code and event code (see *Appendix A: Contact ID Event Code Classifications*).
23-24	GG	Group number.
25-27	CCC	Zone codes or user ID.
28	Trailer Character	Typically, this is HEX 14.

3.1.6 Ademco High Speed, 4-8-1 (Message Type f)

SCANCOM 4-8-1, 5-8-1, 6-8-1 - Available Upon Request

High Speed Example

D6500 Byte Description																							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
h	f	r	r	l	a	a	a	a	a	a	s	C	C	C	C	s	C	C	C	C	s	C	t

Table 8: Message Type f (Ademco High Speed, 4-8-1) Byte Description

#	Title	Description
1	Header Character (h)	Optional. Check with the computer automation software for compatibility.
2	Message Type	f
3-4	Receiver Number	Receiver gateway number from 01 to 99.
5	Line/Group Number	Line number in the receiver gateway that sent the message.
6-11	Account Number	Account number, up to six digits. Account number less than six characters is right aligned with leading ASCII spaces.
12	Space	One space.
13-16	CCCC	Channels 1 to 4.
17	Space	One space.
18-21	CCCC	Channels 5 to 8.
22	Space	One space.
23	C	Supervisory channel.
24	Trailer Character	Typically, this is HEX 14.

3.1.7 ADT SIA (Message Type S)

ADT SIA Example

D6500 Byte Description																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
h	S	r	r	l	[	#	a	a	a	a	|	d	a	m	m	-	d	d	-	y
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
y	t	l	h	h	:	m	m	:	s	s	E	M	M	Z	Z	Z	Z	/	***	t

Table 9: ADT SIA (Message Type S) Byte Description

#	Title	Description
1	Header Character (h)	Optional. Check with the computer automation software for compatibility.
2	Message Type	S
3-4	Receiver Number	Receiver gateway number from 01 to 99.
5	Line/Group Number	Line number in the receiver gateway that sent the message.
6	space	One space.
7	#	#
8-11	Account Number	Up to sixteen digits in the account number.
12	|	Separator. Indicates more data positions after account number.
13-32	Date and Time	Date and time.
33	E	SIA block code.
34-35	Event Code	SIA event code (refer to *Appendix G: ADT SIA Report Codes*).
36-39	Zone	Zone number.
40	/	Separator.
41	***	Next block of data.
42	Trailer Character	Typically, this is HEX 14.

3.1.8 Caller ID (Message Type e)

Caller ID Example

D6500 Byte Description																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
h	e	r	r	1	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	t

Table 10: Caller ID (Message Type e) Byte Description

#	Title	Description
1	Header Character (h)	Optional. Check with the computer automation software for compatibility.
2	Message Type	e
3-4	Receiver Number	Receiver gateway Number from 01 to 99.
5	Line/Group Number	Line number in the receiver gateway that sent the message.
6-21	Caller ID	Up to sixteen digits, Caller ID with less than sixteen characters is right aligned with leading ASCII spaces.
22	Trailer Character	Typically, this is HEX 14.

3.1.9 CFSK (Message Type i)

CFSK Example

D6500 Byte Description																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
h	i	r	r	l	s	s	s	s	a	a	a	a	a	a	T	T	E	E	s	s	t

Table 11: CFSK (Message Type i) Byte Description

#	Title	Description
1	Header Character (h)	Optional. Check with the computer automation software for compatibility.
2	Message Type	i
3-4	Receiver Number	Receiver gateway number from 01 to 99.
5	Line/Group Number	Line number in the receiver gateway that sent the message.
6-9	Spaces	Four spaces.
10-15	Account Number	Six digit account number.
16-17	TT	Event Code.
18-19	EE	Zone/User ID.
20-21	Spaces	Two spaces.
22	Trailer Character	Typically, this is HEX 14.

3.1.10 Common Formats (Message Type 1)

Type 1 Example

D6500 Byte Description																					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
h	l	r	r	l	a	a	a	a	a	a	a	a	a	a	E	E	y	y	y	y	t

Table 12: Common Formats (Message Type 1) Byte Description

#	Title	Description
1	Header Character (h)	Optional. Check with the computer automation software for compatibility.
2	Message Type	1
3-4	Receiver Number	Receiver gateway number from 01 to 99.
5	Line Number	Line number in the receiver gateway that sent the message.
6-15	Account Number	Account number, up to ten digits. Account numbers less than ten characters are right aligned with leading ASCII spaces.
16-17	Event Code	Event codes define the type of signal received and interpreted by the D6500 receiver gateway.
18-21	Zone Number	Zone or ID number sent by the communicator. Zone numbers less than four digits are right aligned with leading ASCII spaces.
22	Trailer Character	Typically, this is HEX 14.

The receiver gateway sends the 3-1, 4-1, 4-2, single round, double round, extended pulse formats, BFSK, Modem II or Modem IId messages in either D6500 Mode or SIA Mode, depending on the programmable option selected. The receiver gateway also sends internal and ModemIIIa² messages in either D6500 mode or SIA mode, depending on the option selected. Refer *to Appendix B: Internal Messages* and *Appendix C: Modem4/ModemIIIa²* for a list of the messages and their descriptions.

3.1.11 DNIS/ANI (Message Type N)

DNIS/ANI Example

D6500 Byte Description															
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
H	N	r	r	l	s	D	d	d	d	d	d	d	d	d	d
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
d	d	&	a	a	a	a	a	a	a	a	a	a	a	t	

Table 13: DNIS/ANI (Message Type N) Byte Description

#	Title	Description
1	Header Character (H)	Optional. Check with the computer automation software for compatibility.
2	Message Type	N (Capital n).
3-4	Receiver Number	Receiver gateway number from 01 to 99.
5	Line/Group Number	Line number in the receiver gateway that sent the message.
6	Space	One space.
7	DNIS Identifier	DNIS identifier.
8-18	DNIS Number	DNIS number, up to 11 digits.
19	ANI Identifier (&)	ANI identifier.
20-30	ANI Number	ANI number, up to 11 digits.
31	Trailer Character	Typically, this is HEX 14.

3.1.12 DSC 4-3 (Message Type d)

DSC 4-3 Example

D6500 Byte Description																					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
h	d	r	r	l	s	s	s	s	s	s	a	a	a	a	s	E	s	X	Y	Y	t

Table 14: DSC-4-3 (Message Type d) Byte Description

#	Title	Description
1	Header Character (h)	Optional. Check with the computer automation software for compatibility.
2	Message Type	d
3-4	Receiver Number	Receiver gateway number from 01 to 99.
5	Line/Group Number	Line number in the receiver gateway that sent the message.
6-11	Spaces	Six spaces.
12-15	Account Number	Account number, four digits.
16	Space	One space.
17	E	Event Code, “A” as the default.
18	Space	One space.
19	X	Event code number.
20-21	YY	Zone number.
22	Trailer Character	Typically, this is HEX 14.

3.1.13 FBI Super Fast (Message Type F)

FBI Super Fast Example

D6500 Byte Description																					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
h	F	r	r	l	s	s	s	s	s	s	a	a	a	a	T	Z	Z	E	s	s	t

Table 15: FBI Super Fast (Message Type F) Byte Description

#	Title	Description
1	Header Character (h)	Optional. Check with the computer automation software for compatibility.
2	Message Type	F (Capital f).
3-4	Receiver Number	Receiver gateway number from 01 to 99.
5	Line/Group Number	Line number in the receiver gateway that sent the message.
6-11	Spaces	Six spaces.
12-15	Account Number	Account number, four digits.
16	T	Zone type.
17-18	ZZ	Zone number.
19	E	Event type.
20-21	Spaces	Two spaces.
22	Trailer Character	Typically, this is HEX 14.

3.1.14 ITI (Message Type I)

ITI Example

D6500 Byte Description																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
h	I	r	r	l	s	s	s	a	T	a	a	a	a	G	I	Z	Z	E	W	N	t

Table 16: ITI (Message Type I) Byte Description

#	Title	Description
1	Header Character (h)	Optional. Check with the computer automation software for compatibility.
2	Message Type	I (Capital i).
3-4	Receiver Number	Receiver gateway number from 01 to 99.
5	Line/Group Number	Line number in the receiver gateway that sent the message.
6-8	Spaces	Three spaces.
9	Account Number	First digit account number.
10	Panel Type	Control panel Type.
11-14	Account Number	Next four digit account number.
15	G	Group number.
16	I	Open/close (O/C) User ID.
17-18	ZZ	Zone number.
19	E	Condition code.
20	W	Protection level was.
21	N	Protection level is.
22	Trailer Character	Typically, this is HEX 14.

3.1.15 Link Test (Message Type 1)

Link Test Example

D6500 Byte Description																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
h	1	r	r	0	s	s	s	s	s	s	s	s	s	s	s	@	s	s	s	s	t

The D6600/D6100IPv6/D6100i can automatically generate this message at the programmed intervals.

Table 17: Link Test (Message Type 1) Byte Description

#	Title	Description
1	Header Character (h)	Optional. Check with the computer automation software for compatibility.
2	Message Type	1
3-4	Receiver Number	Receiver gateway number from 01 to 99.
5	Line Number	Line number as zero for link test.
6-15	Spaces	Eleven spaces.
16-17	Event Code	Event code is @ for link test.
18-21	Spaces	Four spaces.
22	Trailer Character	Typically, this is HEX 14.

3.1.16 Robofon (Message Type j)

Robofon Example

D6500 Byte Description																					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
h	j	r	r	l	s	s	s	s	a	a	a	a	a	a	E	E	s	s	s	s	t

Table 18: Robofon (Message Type j) Byte Description

#	Title	Description
1	Header Character (h)	Optional. Check with the computer automation software for compatibility.
2	Message Type	j
3-4	Receiver Number	Receiver gateway number from 01 to 99.
5	Line/Group Number	Line number in the receiver gateway that sent the message.
6-9	Spaces	Four spaces.
10-15	Account Number	Six digit account number.
16-17	EE	Event code.
18-21	Spaces	Four spaces.
22	Trailer Character	Typically, this is HEX 14.

3.1.17 Sescoa Super Speed (Message Type 7)

Sescoa Super Speed Example

D6500 Byte Description																					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
h	7	r	r	l	s	s	s	s	s	s	a	a	a	a	s	I	A	A	C	s	t

Table 19: Sescoa Super Speed (Message Type 7) Byte Description

#	Title	Description
1	Header Character (h)	Optional. Check with the computer automation software for compatibility.
2	Message Type	7
3-4	Receiver Number	Receiver gateway number from 01 to 99.
5	Line/Group Number	Line number in the receiver gateway that sent the message.
6-11	Spaces	Six spaces.
12-15	Account Number	Account number, four digits.
16	Space	One space.
17	I	Event code.
18-19	AA	Two digit zone code or the first two digits user code.
20	C	Space if zone report, or the last digit user code.
21	s	One space.
22	Trailer Character	Typically, this is HEX 14.

3.1.18 Scancom 4-16-1, 5-16-1, 6-16-1 - Available Upon Request (Message Type g)

Scancom 4-16-1, 5-16-1, 6-16-1 Example

D6500 Byte Description																
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
h	g	r	r	l	a	a	a	a	a	a	s	C	C	C	C	s
18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
C	C	C	C	s	C	C	C	C	s	C	C	C	C	s	C	t

Table 20: Scancom 4-16-1, 5-16-1, 6-16-1 - Available Upon Request (Message Type g) Byte Description

#	Title	Description
1	Header Character (h)	Optional. Check with the computer automation software for compatibility.
2	Message Type	g
3-4	Receiver Number	Receiver gateway number from 01 to 99.
5	Line/Group Number	Line number in the receiver gateway that sent the message.
6-11	Account Number	Account number up to six digits. Account numbers less than six characters are right aligned with leading ASCII spaces.
12	Space	One space.
13-16	CCCC	Channels 1 to 4.
17	Space	One space.
18-21	CCCC	Channels 5 to 8.
22	Space	One space.
23-26	CCCC	Channels 9 to 12.
27	Space	One space.
28-31	CCCC	Channels 13 to 16.
32	Space	One space.
33	C	Supervisory channel.
34	Trailer Character	Typically, this is HEX 14.

3.1.19 Scancom 4-24-1, 5-24-1, 6-24-1 - Available Upon Request (Message Type h)

Scancom 4-24-1 Example

D6500 Byte Description																					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
h	h	r	r	l	a	a	a	a	a	a	s	C	C	C	C	s	C	C	C	C	s
23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44
C	C	C	C	s	C	C	C	C	s	C	C	C	C	s	C	C	C	C	s	C	t

Table 21: Scancom 4-24-1, 5-24-1, 6-24-1 - Available Upon Request (Message Type h) Byte Description

#	Title	Description
1	Header Character (h)	Optional. Check with the computer automation software for compatibility.
2	Message Type	h
3-4	Receiver Number	Receiver gateway number from 01 to 99.
5	Line/Group Number	Line number in the receiver gateway that sent the message.
6-11	Account Number	Account number up to six digits. Account numbers less than six characters are right aligned with leading ASCII spaces.
12	Space	One space.
13-16	CCCC	Channels 1 to 4.
17	Space	One space.
18-21	CCCC	Channels 5 to 8.
22	Space	One space.
23-26	CCCC	Channels 9 to 12.
27	Space	One space.
28-31	CCCC	Channels 13 to 16.
32	Space	One space.
33-36	CCCC	Channels 17 to 20.
37	Space	One space.
38-41	CCCC	Channels 21 to 24.
42	Space	One space.
43	C	Supervisory channel.
44	Trailer Character	Typically, this is HEX 14.

3.1.20 Seriee FSK (Message Type k)

Seriee FSK Example

D6500 Byte Description																					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
h	k	r	r	l	s	s	s	s	s	s	a	a	a	a	a	s	E	s	Z	Z	t

Table 22: Seriee FSK (Message Type k) Byte Description

#	Title	Description
1	Header Character (h)	Optional. Check with the computer automation software for compatibility.
2	Message Type	k
3-4	Receiver Number	Receiver gateway number from 01 to 99.
5	Line/Group Number	Line number in the receiver gateway that sent the message.
6-11	Spaces	Six spaces.
12-16	Account Number	Five digit account number.
17	Space	One space.
18	E	Event code.
19	Space	One space.
20 -21	ZZ	Zone number.
22	Trailer Character	Typically, HEX 14.

3.1.21 Seriee DTMF (Message Type l)

Seriee DTMF Example

D6500 Byte Description																					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
h	l	r	r	l	L	L	*	a	a	a	a	a	a	*		...					t

Table 23: Seriee DTMF (Message Type l) Byte Description

#	Title	Description
1	Header Character (h)	Optional. Check with the computer automation software for compatibility.
2	Message Type	1 (lowercase L).
3-4	Receiver Number	Receiver gateway number from 01 to 99.
5	Line/Group Number	Line number in the receiver gateway that sent the message.
6-7	LL	Data length.
8	*	Data separator.
9-14	Account number	Four, five or six account numbers.
15	*	Data separator.
16-21	***	DTMF Seriee Data.
22	Trailer Character	Typically, HEX 14.

3.1.22 SIA (Message Type S)

SIA Example Defined Messages

D6500 Byte Description																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
h	S	r	r	l	[	#	a	a	a	a	|	E	M	M	Z	Z	Z	Z	/	***]	t

Table 24: SIA (Message Type S) Byte Description

#	Title	Description
1	Header Character (h)	Optional. Check with the computer automation software for compatibility.
2	Message Type	S
3-4	Receiver Number	Receiver gateway number from 01 to 99.
5	Line/Group Number	Line number in the receiver gateway that sent the message.
6	[	Open bracket.
7	#	#
8-11	Account Number	Up to sixteen digits may be used in the account number.
12	|	Separator, indicates more data positions after account number.
13	E	SIA block code.
14-15	Event Code	SIA Event code.
16-19	Zone	Zone number.
20	/	Separator.
21	***]	Next block of data.
22	Trailer Character	Typically, HEX 14.

Undefined Messages

When an SIA message contains unprintable characters (unprintable characters are out of ASCII range 0x32-0x7E) or without an account block:

SIA Example

D6500 Byte Description									
1	2	3	4	5	6	7	. . .	N-1	N
h	S	r	r	L	[	data		]	t

Table 25: SIA (Message Type S) Byte Description		
#	Title	Description
1	Header Character (h)	Optional. Check with the computer automation software for compatibility.
2	Message Type	S
3-4	Receiver Number	Receiver gateway number from 01 to 99.
5	Line/Group Number	Line number in the receiver gateway that sent the message.
6	[	Open bracket.
7-(N-2)	data	The received SIA message contains hex characters either with or without account portion.
N	Trailer Character	Typically, HEX 14.

3.1.23 Silent Knight FSK0 (Message Type 1)

Silent Knight FSK0 Example

D6500 Byte Description																					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
h	1	r	r	l	s	s	s	s	s	s	a	a	a	a	s	E	s	s	s	Z	t

Table 26: Silent Knight FSK1 (Message Type m) Byte Description		
#	Title	Description
1	Header Character (h)	Optional. Check with the computer automation software for compatibility.
2	Message Type	1
3-4	Receiver Number	Receiver gateway number from 01 to 99.
5	Line/Group Number	Line number in the receiver gateway that sent the message.
6-11	Spaces	Six spaces.
12-15	Account Number	Four digit account number.
16	Spaces	One space.
17	E	Event code.
18-20	Space	Three spaces.
21	Zone number	Zone number.
22	Trailer Character	Typically, HEX 14.

Optional Silent Knight SK1 (Message Type m):

If Menu Item 2.5.16 in the D6600/D6100IPv6/D6100i Receiver is equal to 1, the following output is used.

Silent Knight FSK1 Example

D6500 Byte Description																					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
h	m	r	r	l	s	a	a	a	a	a	a	a	a	“	Z	Z	“	…			t

Table 27: Optional Silent Knight SK1 (Message Type m) Byte Description

#	Title	Description
1	Header Character (h)	Optional. Check with the computer automation software for compatibility.
2	Message Type	m
3-4	Receiver Number	Receiver gateway number from 01 to 99.
5	Line/Group Number	Line number in the receiver gateway that sent the message.
6	Spaces	One space.
7-14	Account Number	Maximum eight-digit account code. If the account code is less than eight digits, enter the actual number of digits without a leading space.
15	“	Separator.
16-17	ZZ	First zone number, up to eight reports, one report has two digits.
18	“	Separator.
19	***	More data.
21	Trailer Character	Typically, HEX 14.

Table 28: Silent Knight Automation Format

Report Code	Description	To Automation		Note
		2 5 16=0(EEZZ)	2 5 16=1(ZZ)	
00:	Alarm Panic	PAss	00	
01 to 08:	Alarm 01 to 08	sA0x	01 to 08	x=1 to 8
09:	Holdup	Hass	09	
10 to 19:	Alarm 10 to 19	sA1x	10 to 19	x=0 to 9
20 to 29:	Alarm Restore 10 to 19	sH1x	20 to 29	x=0 to 9
30:	Test Code	sXss	30	
31:	Trouble Line 1	LT01	31	
32:	Trouble Line 2	LT02	32	
33:	Expand Trouble	ETss	33	
34:	Forced Access	DFss	34	
35:	Restore Line 1	LR01	35	
36:	Restore Line 2	LR02	36	
37:	Expand Restore	ERss	37	
38:	Cancel Code	OCss	38	
39:	Data Lost	RTss	39	
40:	Closing	CL00	40	
41 to 49:	Closing 01 to 09	CL0x	41 to 49	x=1 to 9
50 to 59:	Bypass 10 to 19	sB1x	50 to 59	x=0 to 9
60:	Trouble AC	ATss	60	
61 to 68:	Trouble 01 to 08	sT0x	61 to 68	x=1 to 8
69:	Trouble BAT	YTss	69	
70:	Restore AC	ARss	70	
71 to 78:	Restore 01 to 08	sRss	71 to 78	
79:	Restore BAT	YRss	79	
80:	Access	DS00	80	
81 to 89:	Access 01 to 09	DG0x	80 to 89	x=1 to 9
90:	Opening	OP00	90	
91 to 99:	Opening 01 to 09	OP0x	91 to 99	

3.1.24 Silent Knight FSK1 (Message Type m)

Silent Knight FSK1 Example

D6500 Byte Description																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	21-28	29
h	m	r	r	l	s	a	a	a	a	a	a	a	a	“	E	E	Z	Z	...	t

Table 29: Silent Knight FSK1 (Message Type m) Byte Description

#	Title	Description
1	Header Character (h)	Optional. Check with the computer automation software for compatibility.
2	Message Type	m
3-4	Receiver Number	Receiver gateway number from 01 to 99.
5	Line/Group Number	Line number in the receiver gateway that sent the message.
6	Spaces	One space.
7-14	Account Number	Maximum 8-digit account code. If the account code is less than 8 digits, enter the actual number of digits without a leading space.
15	“	Separator.
16-19	EEZZ	First event and zone number. If this is the only event, it will be ended with the terminator. Up to 8 reports. One report has 4 digits: 1-digit event code, 1-digit condition code, 2-digit zone code.
20	“	Separator.
21 - 28	***	Next data.
28	Trailer Character	Typically, HEX 14.

Optional Silent Knight SK1 (Message Type m):

If Menu Item 2.5.16 in the D6600/D6100IPv6/D6100i Receiver is equal to 1, the following output is used.

Silent Knight FSK1 Example

D6500 Byte Description																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	21
h	m	r	r	l	s	a	a	a	a	a	a	a	a	“	Z	Z	“	…	t

Table 30: Optional Silent Knight SK1 (Message Type m) Byte Description

#	Title	Description
1	Header Character (h)	Optional. Check with the computer automation software for compatibility.
2	Message Type	m
3-4	Receiver Number	Receiver gateway number from 01 to 99.
5	Line/Group Number	Line number in the receiver gateway that sent the message.
6	Spaces	One space.
7-14	Account Number	Maximum eight-digit account code. If the account code is less than eight digits, enter the actual number of digits without a leading space.
15	“	Separator.
16-17	ZZ	First zone number, up to eight reports, one report has two digits.
18	“	Separator.
19	***	More data.
21	Trailer Character	Typically, HEX 14.

Table 31: Silent Knight Automation Format

Report Code	Description	To Automation		Note
		2 5 16=0(EEZZ)	2 5 16=1(ZZ)	
00:	Alarm Panic	PAss	00	
01 to 08:	Alarm 01 to 08	sA0x	01 to 08	x=1 to 8
09:	Holdup	Hass	09	
10 to 19:	Alarm 10 to 19	sA1x	10 to 19	x=0 to 9
20 to 29:	Alarm Restore 10 to 19	sH1x	20 to 29	x=0 to 9
30:	Test Code	sXss	30	
31:	Trouble Line 1	LT01	31	
32:	Trouble Line 2	LT02	32	
33:	Expand Trouble	ETss	33	
34:	Forced Access	DFss	34	
35:	Restore Line 1	LR01	35	
36:	Restore Line 2	LR02	36	
37:	Expand Restore	ERss	37	
38:	Cancel Code	OCss	38	
39:	Data Lost	RTss	39	
40:	Closing	CL00	40	
41 to 49:	Closing 01 to 09	CL0x	41 to 49	x=1 to 9
50 to 59:	Bypass 10 to 19	sB1x	50 to 59	x=0 to 9
60:	Trouble AC	ATss	60	
61 to 68:	Trouble 01 to 08	sT0x	61 to 68	x=1 to 8
69:	Trouble BAT	YTss	69	
70:	Restore AC	ARss	70	
71 to 78:	Restore 01 to 08	sRss	71 to 78	
79:	Restore BAT	YRss	79	
80:	Access	DS00	80	
81 to 89:	Access 01 to 09	DG0x	80 to 89	x=1 to 9
90:	Opening	OP00	90	
91 to 99:	Opening 01 to 09	OP0x	91 to 99	

3.1.25 Silent Knight FSK2 (Message Type m)

Silent Knight FSK2 Example

D6500 Byte Description																					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
h	m	r	r	l	s	a	a	a	a	a	a	a	a	“	E	E	Z	Z	“	***	t

Table 32: Silent Knight FSK2 (Message Type m) Byte Description

#	Title	Description
1	Header Character (h)	Optional. Check with the computer automation software for compatibility.
2	Message Type	m
3-4	Receiver Number	Receiver gateway number from 01 to 99.
5	Line/Group Number	Line number in the receiver gateway that sent the message.
6	Spaces	One space.
7-14	Account Number	Maximum eight-digit account code. If the account code is less than eight digits, enter the actual number of digits without a leading space.
15	“	Separator.
16-19	EEZZ	First event and zone number. If this is the only event, it will be ended with the terminator. Up to eight reports. One report has four digits: one-digit event code, one-digit condition code, two-digit zone code.
20	“	Separator.
21	***	Next data.
22	Trailer Character	Typically, HEX 14.

3.1.26 Silent Knight FSK80 D6500 mode (Message Type 1)

Silent Knight FSK80 Example

D6500 Byte Description																					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
h	1	r	r	l	s	s	s	s	s	s	A	A	A	A	s	A	s	s	X	Y	t

Table 33: Silent Knight FSK80 (Message Type 1) Byte Description

#	Title	Description
1	Header Character (h)	Optional. Check with the computer automation software for compatibility.
2	Message Type	1
3-4	Receiver Number	Receiver gateway number from 01 to 99.
5	Line/Group Number	Line number in the receiver gateway that sent the message.
6-11	Spaces	
12-15	Account Number	Four-digit account number.
16	Space	
17	Filler character A	Always char “A”.
18-19	Spaces	
20-21	XY	Two-digit alarm zone code.
24	Trailer Character	Typically, HEX 14.

3.1.27 Telim (Message Type n)

Telim Example

D6500 Byte Description																
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
h	n	R	R	L	s	A	A	A	A	A	A	s	E	T	T	Z
18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	t	Z

Table 34: Telim (Message Type n) Byte Description

#	Title	Description
1	Header Character (h)	Optional. Check with the computer automation software for compatibility.
2	Message Type	n
3-4	Receiver Number	Receiver gateway number from 01 to 99.
5	Line/Group Number	Line number in the receiver gateway that sent the message.
6	Space	One space.
7-12	Account Number	Six digit account number.
13	Space	One space.
14	E	Event code.
15-32	TTZZZZZZZZZZZZZZ	Input line number.
33	Trailer Character	Typically, HEX 14.

3.1.28 Text Message (Message Type 3)

Type 3 Example

D6500 Byte Description																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
h	3	r	r	l	P	R	I	N	T	E	R					v	v	.	v	v	t

Table 35: Text Message (Message Type 3) Byte Description

#	Title	Description
1	Header Character (h)	Optional. Check with the computer automation software for compatibility.
2	Message Type	3
3-4	Receiver Number	Receiver gateway number from 01 to 99.
5	Line Number	Line number fixed at 1.
6-21	Message Text	Sixteen characters in length.
22	Trailer Character	Typically, HEX 14.

3.1.29 Varitech FSK 4-1 (Message Type 1)

Varitech FSK 4-1 Example

D6500 Byte Description																					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
h	1	r	r	l	s	s	s	s	s	s	a	a	a	a	s	E	s	s	s	X	t

Table 36: Varitech FSK 4-1 (Message Type 1) Byte Description

#	Title	Description
1	Header Character (h)	Optional. Check with the computer automation software for compatibility.
2	Message Type	1
3-4	Receiver Number	Receiver gateway number from 01 to 99.
5	Line/Group Number	Line number in the receiver gateway that sent the message.
6-11	Spaces	Six spaces.
12-15	Account Number	Four digit account number.
16	Space	One space.
17	E	Event code.
18-20	Spaces	Three spaces.
21	X	Zone number.
22	Trailer Character	Typically, HEX 14.

3.1.30 Varitech FSK 4-2 (Message Type 1)

Varitech FSK 4-2 Example

D6500 Byte Description																					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
h	1	r	r	l	s	s	s	s	s	s	a	a	a	a	s	E	s	s	X	Y	t

Table 37: Varitech FSK 4-2 (Message Type 1) Byte Description

#	Title	Description
1	Header Character (h)	Optional. Check with the computer automation software for compatibility.
2	Message Type	1
3-4	Receiver Number	Receiver gateway number from 01 to 99.
5	Line/Group Number	Line number in the receiver gateway that sent the message.
6-11	Spaces	Six spaces.
12-15	Account Number	Four digit account number.
16	Space	One space.
17	E	Event code.
18-19	Spaces	Two spaces.
20-21	XY	Zone number.
22	Trailer Character	Typically, HEX 14.

3.1.31 VONK (Message Type V)

VONK Example	D6500 Byte Description																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	h	V	r	r	l	A	A	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	G	t

Table 38: VONK (Message Type V) Byte Description

#	Title	Description
1	Header Character (h)	Optional. Check with the computer automation software for compatibility.
2	Message Type	V
3-4	Receiver Number	Receiver gateway number from 01 to 99.
5	Line/Group Number	Line number in the receiver gateway that sent the message.
6-7	Account Number	Two digit account number.
8-23	Zone status	Status of zones 1 to 16. If the zone is Closed, a “.”(period) is in this position. If the zone is Open, 1 to G appears in this position.
24	Trailer Character	Typically, HEX 14

3.1.32 X-SIA Text (Message Type S)

X-SIA Example

D6500 Byte Description																					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
h	S	r	r	l	[	#	a	a	a	a	|	E	M	M	Z	Z	Z	Z	*	`	T
23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42		
T	T	T	T	T	T	T	T	T	T	T	T	‘	N	M	/	*	*	*	t		

Table 39: X-SIA Text (Message Type S) Byte Description

#	Title	Description
1	Header Character (h)	Optional. Check with the computer automation software for compatibility.
2	Message Type	S
3-4	Receiver Number	Receiver gateway number from 01 to 99.
5	Line/Group Number	Line number in the receiver gateway that sent the message.
6	[	Open bracket.
7	#	#
8-11	Account Number	Use up to sixteen digits in the account number.
12	|	Separator. Indicates more data positions after account number.
13	E	SIA block code.
14-15	MM	SIA event code.
16-19	ZZZZ	Zone number.
20	*	Text identifier.
21	‘	Quotation mark (single).
22-34	TT...T	13 character text string.
35	‘	Qutotation mark (single).
36-37	NM	Unit field characters.
38	/	Separator.
39-41	***	Next block of data.
42	Trailer Character	Typically, HEX 14.

3.1.33 SafeCom (Message Type p)

SafeCom Example

D6500 Byte Description																
1	2	3	4	5	6	7	8	9	10	11	12	13	14	...	N-1	N
h	p	r	r	l	A	A	A	A	E	E	E	E	...data...			t

Table 40: SafeCom (Message Type p) Byte Description

#	Title	Description
1	Header Character (h)	Optional. Check with the computer automation software for compatibility.
2	Message Type	p
3-4	Receiver Number	Receiver gateway number from 01 to 99.
5	Line Card Number	Line number in the receiver gateway that sent the message.
6-9	Account Number	Four digits.
10-13	Event Code	Four digits.
14-(N-1)	Data	Parameter data for event code.
N	Trailer Character	Typically, HEX 14.

3.2 SIA Mode Messages

Use the SIA mode for central station monitoring.

3.2.1 Acron Super Fast (Message Type 9)

Acron Super Fast Example

SIA Mode Description
<LF><CRC><LEN><9><sequence#><receiver#><line#>[#aaaa|CCCCCCCC]<CR>

Table 41: Acron Super Fast (Message Type 9) Byte Description

Title	Description
L	Standard line feed character.
CRC	Cyclical redundancy check number.
LEN	Two-digit length identifier that indicates how many characters directly follow it (the trailing <CR> character is not counted).
Message Type	9
sequence#	The message sequence number. The valid sequence number range is 0001 to 9999.
receiver#	The receiver gateway that sent the message. Valid digits are 01 to 99 for the D6600/D6100/D6100IPv6.
line# (Line/Group #)	The line number of the line in the receiver gateway that sent the message. Valid digits are 00 to 99. The receiver uses Line 0 (zero) for internal messages.
account#	The communicator's account number has four digits.

Figure 7: Message sent to printer

```
mm/ddshh:mmsLxxsACNsACCTsaaaa
+++sACCTsaaaasCCCCsCCCC
```

For lines that are grouped, Gxx appears instead of Lxx.

Table 42: Acron Super Fast (Message Type 9) Printer Output

Characters	Description
ACN	Acron Super Fast format.
Lxx	Line number.
Gxx	Grouped line numbers.

3.2.2 Ademco Contact-ID (Message Type a)

Contact-ID Example	SIA Mode Description
	<LF><CRC><LEN><a><sequence#><receiver#><line#>[#aaaa|18QXYZGGCCC]<CR>

Table 43: Ademco Contact-ID (Message Type a) Byte Description

Title	Description
LF	Standard line feed character.
CRC	Cyclical redundancy check number.
LEN	Two-digit length identifier that indicates how many characters directly follow it (the trailing <CR> character is not counted).
Message Type	a
sequence#	The message sequence number. The valid sequence number range is 0001 to 9999.
receiver#	The receiver gateway that sent the message. Valid digits are 01 to 99 for the D6600/D6100/D6100IPv6.
line# (Line/Group #)	The line number of the line in the receiver gateway that sent the message. Valid digits are 00 to 99. The receiver uses Line 0 (zero) for internal messages.
account#	The communicator's account number has four digits.
18	Ademco Contact-ID format number.
Q	Qualifier, 1 = New event or opening, 3 = New restore or closing, 6 = Previous event.
XYZ	Class code and event code (refer to *Appendix A: Contact ID Event Code Classifications*).
GG	Group number.
CCC	Zone codes or User ID.

Figure 8: Message sent to printer

```
mm/ddshh:mmsLxxsCIDsACCTsaaaa
+++sACCTsaaaasNNNsEVENT=XYZsG=GGsC=CCC
```

For lines that are grouped, Gxx appears instead of Lxx.

Table 44: Ademco Contact-ID (Message Type a) Printer Output

Characters	Description
CID	Contact-ID format.
Gxx	Grouped Line numbers.
Lxx	Line number.
NNN	If Q = 1, print E/O for new event or opening If Q = 3, print R/C for restore or closing If Q = 6, print “OLD” for old messages and events.

3.2.3 Ademco 10-Digit (Message Type b)

10-Digit Example

SIA Mode Description
<LF><CRC><LEN><a><sequence#><receiver#><line#>[#aaaaaaaaaa|58QXYZGGCCC]<CR>

Table 45: Ademco 10-Digit (Message Type b) Byte Description

Title	Description
LF	Standard line feed character.
CRC	Cyclical redundancy check number.
LEN	Two-digit length identifier that indicates how many characters directly follow it (the trailing <CR> character is not counted).
a	Message Type **a** Ademco Contact-ID.
sequence#	The message sequence number. The valid sequence number range is 0001 to 9999.
receiver#	The receiver gateway that sent the message. Valid digits are 01 to 99 for the D6600/D6100/D6100IPv6.
line#	The line number of the line in the Receiver/Gateway that sent the message. Valid digits are: 00- 99. The D6600 uses line#0 for Receiver/Gateway messages.
account#	The communicator's account number.
58	Ademco Contact-ID format number for 10 digits account.
Q	Qualifier, 1=New event or opening, 3=New restore or closing, 6=Previous event
XYZ	Class code and event code (refer to *Appendix A: Contact ID Event Code Classifications*)
GG	Group number
CCC	Zone codes or user ID

Figure 9: Message sent to printer

```
mm/ddshh:mmsLxxsCIDsACCTsaaaaaaaaaa
+++sNNNsEVENT=XYZsG=GGsC=CCC
```

For lines that are grouped, Gxx appears instead of Lxx.

Table 46: Ademco Contact-ID (Message Type a) Printer Output

Characters	Description
CID	Contact-ID format.
Gxx	Grouped Line numbers.
Lxx	Line number.
NNN	If Q = 1, print E/O for new event or opening If Q = 3, print R/C for restore or closing If Q = 6, print “OLD” for old messages and events.

3.2.4 Ademco 4-1 Express (Message Type b)

4-1 Express Example

SIA Mode Description
<LF><CRC><LEN><b><sequence#><receiver#><line#>[#aaaa|X]<CR>

Table 47: Ademco 4-1 Express (Message Type b) Byte Description

Title	Description
LF	Standard line feed character.
CRC	Cyclical redundancy check number.
LEN	Two-digit length identifier that indicates how many characters directly follow it (the trailing <CR> character is not counted).
Message Type	b
sequence#	The message sequence number. The valid sequence number range is 0001 to 9999.
receiver#	The receiver gateway that sent the message. Valid digits are 01 to 99 for the D6600/D6100/D6100IPv6.
line# (Line/Group #)	The line number of the line in the receiver gateway that sent the message. Valid digits are 00 to 99. The receiver uses Line 0 (zero) for internal messages.
account#	The communicator's account number has four digits.
X	Zone number

Figure 10: Message sent to printer

```
mm/ddshh:mmsLxxsE41sACCTsaaaasEVENT=X
```

For lines that are grouped, Gxx appears instead of Lxx.

Table 48: Ademco 4-1 Express (Message Type b) Printer Output

Characters	Description
E41	Ademco 4-1 Express format.
Lxx:	Line number.
Gxx	Grouped line numbers.

3.2.5 Ademco 4-2 Express (Message Type c)

4-2 Express Example	SIA Mode Description
	<LF><CRC><LEN><c><sequence#><receiver#><line#>[#aaaa|XY]<CR>

Table 49: Ademco 4-2 Express (Message Type c) Byte Description

Title	Description
LF	Standard line feed character.
CRC	Cyclical redundancy check number.
LEN	Two-digit length identifier that indicates how many characters directly follow it (the trailing <CR> character is not counted).
Message Type	c
sequence#	The message sequence number. The valid sequence number range is 0001 to 9999.
receiver#	The receiver gateway that sent the message. Valid digits are 01 to 99 for the D6600/D6100/D6100IPv6.
line# (Line/Group #)	The line number of the line in the receiver gateway that sent the message. Valid digits are 00 to 99. The receiver uses Line 0 (zero) for internal messages.
account#	The communicator's account number has four digits.
XY	Event code and Zone number.

Figure 11: Message sent to printer

```
mm/ddshh:mmsLxxsE42sACCTsaaaasEVENT=XY
```

For lines that are grouped, Gxx appears instead of Lxx.

Table 50: Ademco 4-2 Express (Message Type c) Printer Output

Characters	Description
E42	Ademco 4-2 Express format.
Lxx:	Line number.
Gxx	Grouped line numbers.

3.2.6 Ademco High Speed 4-8-1, SCANCOM 4-8-1 (Message Type f)

SCANCOM 5-8-1, 6-8-1 - available upon request

	SIA Mode Description
High Speed Example	<LF><CRC><LEN><f><sequence#><receiver#><line#>[#aaaaaa|CCCCsCCCCsC]<CR>

Table 51: Ademco High Speed 4-8-1, SCANCOM 4-8-1 (Message Type F) Byte Description

Title	Description
LF	Standard line feed character.
CRC	Cyclical redundancy check number.
LEN	Two-digit length identifier that indicates how many characters directly follow it (the trailing <CR> character is not counted).
Message Type	f
sequence#	The message sequence number. The valid sequence number range is 0001 to 9999.
receiver#	The receiver gateway that sent the message. Valid digits are 01 to 99 for the D6600/D6100/D6100IPv6.
line# (Line/Group #)	The line number of the line in the receiver gateway that sent the message. Valid digits are 00 to 99. The receiver uses Line 0 (zero) for internal messages.
account#	The communicator's account number has up to six digits.
CCCC	Channels 1 to 4.
s	One space.
CCCC	Channels 5 to 8.
s	One space.
C	Supervisory channel.

Figure 12: Message sent to printer

```
mm/ddshh:mmsLxxsHGHsACCTsaaaaaa
+++sACCTsaaaaaasCCCCsCCCCsC
```

For lines that are grouped, Gxx appears instead of Lxx.

Table 52: Ademco High Speed, 4-8-1 (Message Type f) Printer Output

Characters	Description
HGH	Ademco High Speed format.
Lxx:	Line number.
Gxx	Grouped line numbers.

3.2.7 ADT SIA (Message Type S)

ADT SIA Example

SIA Mode Description
<LF><CRC><LEN><S><sequence#><receiver#><line#>[#aaaa|<E><damm-dd-yytihh:mm:ss>data]<CR>

Table 53: ADT SIA (Message Type S) Byte Description

Title	Description
LF	Standard line feed character.
CRC	Cyclical redundancy check number.
LEN	Two-digit length identifier that indicates how many characters directly follow it (the trailing <CR> character is not counted).
Message Type	S (capital S)
sequence#	The message sequence number. The valid sequence number range is 0001 to 9999.
receiver#	The receiver gateway that sent the message. Valid digits are 01 to 99 for D6600/D6100/D6100IPv6.
line# (Line/Group #)	The line number of the line in the receiver gateway that sent the message. Valid digits are 00 to 99. The receiver uses Line 0 (zero) for internal messages.
account#	The communicator's account number up to sixteen digits.
E	Event Code (refer *to Appendix G: ADT SIA Report Codes*).
damm-dd-yytihh:mm:ss	Date and time.
Data	This field contains message data codes such as event type, area number, point number, identification number.

3.2.8 Caller ID (Message Type <TAB>)

SIA Example

SIA Mode Description
<LF><CRC><LEN><TAB><sequence#><receiver#><line#>[#0000|&TTTTTTTTTTTTTTT]<CR>

Table 54: Caller ID (Message Type <TAB>) Byte Description

Title	Description
LF	Standard line feed character.
CRC	Cyclical Redundancy Check number.
LEN	Two-digit length identifier that indicates how many characters directly follow it (the trailing <CR> character is not counted). For example, <LF>D9381C<TAB>12220100[#0001|Npt003YC009]<CR>. Counting from the <TAB> character through the last square bracket, there are 28 characters, 0x1C in hexadecimal.
Message Type	<TAB>
sequence#	The message sequence number. The valid sequence number range is 0001 to 9999.
receiver#	The receiver gateway that sent the message. Valid digits are 01 to 99 for the D6600/D6100/D6100IPv6..
line# (Line/Group #)	The line number of the line in the receiver gateway that sent the message. Valid digits are 00 to 99. The receiver uses Line 0 (zero) for internal messages.
&	Origin ID Block.
T	Up to 16-digit Caller ID.

Figure 13: Message sent to Printer

```
30/04 17:00 L01 CLI 9563832510
```

3.2.9 CFSK (Message Type i)

CFSK Example

SIA Mode Description
<LF><CRC><LEN><I><sequence#><Receiver#><line#>[#aaaaaa|TTEE]<CR>

Table 55: CFSK (Message Type i) Byte Description

Title	Description
LF	Standard line feed character.
CRC	Cyclical redundancy check number.
LEN	Two-digit length identifier that indicates how many characters directly follow it (the trailing <CR> character is not counted).
Message Type	i.
sequence#	The message sequence number. The valid sequence number range is 0001 to 9999.
receiver#	The receiver gateway that sent the message. Valid digits are 01 to 99 for the D6600/D6100/D6100IPv6.
line# (Line/Group #)	The line number of the line in the receiver gateway that sent the message. Valid digits are 00 to 99. The receiver uses Line 0 (zero) for internal messages.
account #	The communicator's account number, up to six digits.
TT	Event code.
EE	Zone/User ID.

3.2.10 Common Formats (Message Type <TAB>)

Defined Messages SIA Example	SIA Mode Description
	<LF><CRC><LEN><TAB><sequence#><receiver#><line#>[#aaaaaaaaaaaaaaaa|data]<CR>

Table 56: Common Formats (Message Type <TAB>) Byte Description

Title	Description
LF	Standard line feed character.
CRC	Cyclical Redundancy Check number.
LEN	Two-digit length identifier that indicates how many characters directly follow it (the trailing <CR> character is not counted). For example, <LF>D9381C<TAB>12220100[#0001|Npt003YC009]<CR>. Counting from the <TAB> character through the last square bracket, there are 28 characters, 0x1C in hexadecimal.
Message Type	09 hex <TAB>
sequence#	The message sequence number. The valid sequence number range is 0001 to 9999.
receiver#	The receiver gateway that sent the message. Valid digits are 01 to 99 for the D6600/D6100/D6100IPv6.
line# (Line/Group #)	The line number of the line in the receiver gateway that sent the message. Valid digits are 00 to 99. The receiver uses Line 0 (zero) for internal messages.
account#	The communicator's account number up to sixteen digits.
Data	This field contains message data codes such as event type, area number, point number, identification number, and so on.

The receiver gateway sends the 3-1, 4-1, 4-2, single round, double round, extended pulse formats, BFSK, Modem II or Modem IId messages in either D6500 Mode or SIA Mode, depending on the program option selected. The receiver gateway also sends internal and ModemIIIa² messages in either D6500 mode or SIA mode, depending on the programmable option selected. Refer to *Appendix B: Internal Messages* and *Appendix C: Modem4/ModemIIIa²* for a list of the messages and their descriptions.

Figure 14: Message sent to printer

```
MM/DDsHH:MMsLxxSIA ACCT aaaa
+++ TEXT 1
+++ TEXT 2
```

Undefined Messages

When a common format message contains unprintable hexadecimal characters (unprintable characters are out of ASCII range 0x32-0x7E) or without an account block:

SIA Example

SIA Mode Description
<LF><CRC><LEN><TAB><sequence#><receiver#><line#>[data]<CR>

Table 57: Common Formats (Message Type <TAB>) Byte Description

Title	Description
LF	Standard line feed character.
CRC	Cyclical Redundancy Check number.
LEN	Two-digit length identifier that indicates how many characters directly follow it (the trailing <CR> character is not counted). For example, <LF>D9381C<TAB>12220100[#0001|Npt003YC009]<CR>. Counting from the <TAB> character through the last square bracket, there are 28 characters, 0x1C in hexadecimal.
Message Type	09 hex.
sequence#	The message sequence number. The valid sequence number range is 0001 to 9999.
receiver#	The receiver gateway that sent the message. Valid digits are 01 to 99 for the D6600/D6100/D6100IPv6.
line# (Line/Group #)	The line number of the line in the receiver gateway that sent the message. Valid digits are 00 to 99. The D6600/D6100/D6100IPv6 uses Line 0 (zero) for receiver gateway messages.
Data	The receiver message contains hex characters either with or without account portion.

Figure 15: Message sent to printer

```
MM/DDsHH:MMsLxx[SIA]
+++ TEXT 1
+++ TEXT 2
```

3.2.11 DNIS/ANI (Message Type N)

SIA Example

SIA Mode Description
<LF><CRC><LEN><N><sequence#><receiver#><line#>[#0000|Ddddddddddd&aaaaaaaaaa]<CR>

Table 58: DNIS/ANI (Message Type N) Byte Description

Title	Description
LF	Standard line feed character.
CRC	Cyclical redundancy check number.
LEN	Two-digit length identifier that indicates how many characters directly follow it (the trailing <CR> character is not counted).
Message Type	N
sequence#	The message sequence number. The valid sequence number range is 0001 to 9999.
receiver#	The receiver gateway that sent the message. Valid digits are 01 to 99 for the D6600.
line# (Line/Group #)	The line number of the line in the receiver gateway that sent the message. Valid digits are 00 to 99. The receiver uses Line 0 (zero) for internal messages.
account#	Fixed at 0000.
D	DNIS identified.
DNIS number (d)	DNIS number, up to 11 digits.
ANI identifier (&)	ANI identifier.
ANI number (a)	ANI number, up to 11 digit.s

Figure 16: Message sent to printer

```
MM/DDsHH:MMsLxxsDNISsddddddddddd
+++sANIsaaaaaaaaaa
```

3.2.12 DSC 4-3 (Message Type d)

DSC4-3 Example

SIA Mode Description
<LF><CRC><LEN><d><sequence#><receiver#><line#>[#aaaa|XYY]<CR>

Table 59: DSC 4-3 (Message Type d) Byte Description

Title	Description
LF	Standard line feed character.
CRC	Cyclical redundancy check number.
LEN	Two-digit length identifier that indicates how many characters directly follow it (the trailing <CR> character is not counted).
Message Type	d
sequence#	The message sequence number. The valid sequence number range is 0001 to 9999.
receiver#	The receiver gateway that sent the message. Valid digits are 01 to 99 for the D6600/D6100/D6100IPv6.
line# (Line/Group #)	The line number of the line in the receiver gateway that sent the message. Valid digits are 00 to 99. The receiver uses Line 0 (zero) for internal messages.
account#	The communicator's account number has four digits.
X	Event code number.
YY	Zone number.

Figure 17: Message sent to printer

```
mm/ddshh:mmsLxxsDSGsACCTsaaaasEVENT=XYY
+++sACCsaaaaseeeeeeeesiisnnn
```

For lines that are grouped, Gxx appears instead of Lxx.

Table 60: DSC 4-3 (Message Type d) Printer Output

Characters	Description
DSG	DSC/Sur-Gard 4-3 format.
Lxx:	Line number.
Gxx	Grouped line numbers.

Table 61: Printer Output Codes

Characters	Description
ii	ZN=Zone number - ID=User ID
nnn	Zone/User number.
eeeeeeee	Up to eight-character event type, right justified – ALARM, RESTORE, TROUBLE, OPEN, OPENGRP, CLOSE, CLOSEGRP, BYPASS, UN BYPASS, CANCEL.

Table 62: Event Code Table

Code Number	Message	Event Characters
1	Alarm	A
2		A
3		A
4	Close	C
5	Open	O
6	Alarm	A
7		A
8		A
9	Restore	R
0	Trouble	T
B	CloseGrp	C
C	OpenGrp	O
D	Bypass	B
E	UnBypass	H
F	Cancel	O

3.2.13 FBI Super Fast (Message Type F)

FBI Super Fast Example

SIA Mode Description
<LF><CRC><LEN><F><sequence#><receiver#><line#>[#aaaa|TZZE]<CR>

Table 63: FBI Super Fast (Message Type F) Byte Description

Title	Description
LF	Standard line feed character.
CRC	Cyclical redundancy check number.
LEN	Two-digit length identifier that indicates how many characters directly follow it (the trailing <CR> character is not counted).
Message Type	F
sequence#	The message sequence number. The valid sequence number range is 0001 to 9999.
receiver#	The receiver gateway that sent the message. Valid digits are 01 to 99 for the D6600/D6100/D6100IPv6.
line# (Line/Group #)	The line number of the line in the receiver gateway that sent the message. Valid digits are 00 to 99. The receiver uses Line 0 (zero) for internal messages.
account#	The communicator's account number has four digits.
T	Zone type.
ZZ	Zone number.
E	Event type.

Figure 18: Message sent to printer

```
mm/ddshh:mmsLxxsFBIsACCTsaaaasETsnnn
+++sACCTsaaaastttttttttseeeeeeeesZNsnnn
```

For lines that are grouped, Gxx appears instead of Lxx.

Table 64: FBI Super Fast (Message Type F) Printer Output

Characters	Description
FBI	FBI Super Fast format.
Lxx:	Line number.
Gxx	Grouped line numbers.

Table 65: Event Code Table

Code	Zone/Event Type
1	Fire
2	Panic
3	Burglary
4	Medical
5	Auxiliary
6	Bypass
7	Inactive
8	Eight
9	Nine
0	Zero
B	Opening
C	Closing
D	Abort
E	Restore
F	Trouble

Table 66: Printer Output Codes

Characters	Description
ZN	ZN=Zone number - ID=User ID
nnn	Zone/User number.
ttttttttt	Up to nine-character zone type, right justified FIRE, PANIC, BURGLARY, MEDICAL, AUXILIARY.
eeeeeeee	Up to eight-character event type, left justified ALARM, RESTORE, TROUBLE, OPEN, OPENGRP, CLOSE, CLOSEGRP, BYPASS, UN BYPASS, CANCEL.

3.2.14 ITI (Message Type I)

ITI Example

SIA Mode Description
<LF><CRC><LEN><I><sequence#><receiver#><line#>[#aaaaa|GIZZEWN]<CR>

Table 67: ITI (Message Type I) Byte Description

Title	Description
LF	Standard line feed character.
CRC	Cyclical redundancy check number.
LEN	Two-digit length identifier that indicates how many characters directly follow it (the trailing <CR> character is not counted).
Message Type	I (Captial I).
sequence#	The message sequence number. The valid sequence number range is 0001 to 9999.
receiver#	The receiver gateway that sent the message. Valid digits are 01 to 99 for the D6600/D6100/D6100IPv6.
line# (Line/Group #)	The line number of the line in the receiver gateway that sent the message. Valid digits are 00 to 99. The receiver uses Line 0 (zero) for internal messages.
account#	The communicator's account number has up to six digits.
G	Group number.
I	O/C User ID.
ZZ	Zone number.
E	Condition code.
W	Protection level was.
N	Protection level now.

3.2.15 Link Test (Message Type <TAB>)

Link Test Example

SIA Mode Description
<LF><CRC><LEN><TAB><sequence#><receiver#> []<CR>

The D6600/D6100IPv6/D6100i can automatically generate this message at the preprogrammed intervals.

Table 68: Link Test (Message Type <TAB>) Description

Title	Description
LF	Standard line feed character.
CRC	Cyclical redundancy check number.
LEN	Two-digit length identifier that indicates how many characters directly follow it (the trailing <CR> character is not counted). For example, <LF>D9381C<TAB>12220100[#0001|Npt003YC009]<CR>. Counting from the <TAB> character through the last square bracket, there are 28 characters, 0x1C in hexadecimal.
Message Type	<TAB>
sequence#	The message sequence number. The valid sequence number range is 0001 to 9999.
receiver#	The receiver gateway that sent the message. Valid digits are 01 to 99 for the D6600/D6100/D6100IPv6.

3.2.16 RB2000 (Message Type R) Description

RB2000 Example

SIA Mode Description
<LF><CRC><LEN><R><sequence#><receiver#><line#>[<VDS message>]<CR>

Table 69: RB2000 (Message Type R) Byte Description

Title	Description
LF	Standard line feed character, hex 0A.
CRC	Cyclical redundancy check number.
LEN	Two-digit length identifier that indicates how many characters directly follow it (the trailing <CR> character is not counted).
R	ASCII R, Message Type R for RB2000 format.
sequence#	The message sequence number. The valid sequence number range: 0001 to 9999.
Receiver#	The receiver gateway that sent the message. Valid digits: 01 to 99 for the D6600.
line#	The line number of the line in the receiver gateway that sent the message. Valid digits: 00 to 99. The receiver uses Line 0 (zero) for internal messages.
<VDS message>	VDS message sent as a hex string, the receiver extracts the alarm type.
CR	Hex 0D

Figure 19: Single message sent to Printer

```
MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx
+++ RB2000_EVENT_RAW_DATA
```

Figure 20: Multiple messages sent to printer

```
MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx
+++ RB2000_EVENT_RAW_DATA 1
+++ RB2000_EVENT_RAW_DATA 2
...
+++ RB2000_EVENT_RAW_DATA n
```

Table 70: RB2000 (Message Type R) Printer Output	
Characters	Description
MM/DDsHH:MM	Date and time.
RB2	RB2000 format.
Lxx	Line number.
ACCT xxxxxxxxxxxx	Subscriber number, up to 12 characters(hex).
RB2000_EVENT_RAW_DATA	The raw data of RB2000 event.
RB2000_EVENT_RAW_DATA1	The raw data of RB2000 event 1.
RB2000_EVENT_RAW_DATA 2	The raw data of RB2000 event 2.
RB2000_EVENT_RAW_DATA n	The raw data of RB2000 event n.

3.2.17 Robofon (Message Type j)

Robofon Example	SIA Mode Description
	<LF><CRC><LEN><j><sequence#><receiver#><line#>[#aaaaaa|EE]<CR>

Table 71: Robofon (Message Type j) Byte Description	
Title	Description
LF	Standard line feed character.
CRC	Cyclical redundancy check number.
LEN	Two-digit length identifier that indicates how many characters directly follow it (the trailing <CR> character is not counted).
Message Type	j
sequence#	The message sequence number. The valid sequence number range is 0001 to 9999.
receiver#	The receiver gateway that sent the message. Valid digits are 01 to 99 for D6600/D6100/D6100IPv6.
line# (Line/Group #)	The line number of the line in the receiver gateway that sent the message. Valid digits are 00 to 99. The receiver uses Line 0 (zero) for internal messages.
account #	The communicator's account number has up to six digits.
EE	Event code.

3.2.18 Scancom 4-16-1, 5-16-1, 6-16-1 - Available Upon Request (Message Type g)

4-16-1 Example

SIA Mode Description
<LF><CRC><LEN><g><sequence#><receiver#><line#> [#aaaaaa|CCCCsCCCCsCCCCsCCCCsC]<CR>

Table 72: Scancom 4-16-1, 5-16-1, 6-16-1 - Available Upon Request (Message Type g) Byte Description

Title	Description
LF	Standard line feed character.
CRC	Cyclical redundancy check number.
LEN	Two-digit length identifier that indicates how many characters directly follow it (the trailing <CR> character is not counted).
Message Type	g
sequence#	The message sequence number. The valid sequence number range is 0001 to 9999.
receiver#	The receiver gateway that sent the message. Valid digits are 01 to 99 for D6600.
line# (Line/Group #)	The line number of the line in the receiver gateway that sent the message. Valid digits are 00 to 99. The receiver uses Line 0 (zero) for internal messages.
Account#	The communicator's account number has up to six digits.
CCCC	Channels 1 to 4.
s	One space.
CCCC	Channels 5 to 8.
s	One space.
CCCC	Channels 9 to 12.
s	One space.
CCCC	Channels 13 to 16.
s	One space.
C	Supervisory channel.

Figure 21: Message sent to printer

```
mm/ddshh:mmsLxxsSCNsACCTsaaaaaa
+++sACCTsaaaaaasCCCCsCCCCsCCCCsCCCCsC
```

For lines that are grouped, Gxx appears instead of Lxx.

Table 73: Scancom 4-16-1, 5-16-1, 6-16-1 - Available Upon Request (Message Type g) Printer Output

Characters	Description
SCN	Scancom.

Lxx:	Line number.
Gxx	Grouped line numbers.

3.2.19 Scancom 4-24-1, 5-24-1, 6-24-1 - Available Upon Request (Message Type h)

4-24-1 Example

SIA Mode Description
<LF><CRC><LEN><h><sequence#><receiver#><line#>[#aaaaaa|CCCCsCCCCs CCCCs CCCCsCCCCsCCCCsC]<CR>

Table 74: Scancom 4-24-1, 5-24-1, 6-24-1 - Available Upon Request (Message Type h) Byte Description

Title	Description
LF	Standard line feed character.
CRC	Cyclical redundancy check number.
LEN	Two-digit length identifier that indicates how many characters directly follow it (the trailing <CR> character is not counted).
Message Type	h
sequence#	The message sequence number. The valid sequence number range is 0001 to 9999.
receiver#	The receiver gateway that sent the message. Valid digits are 01 to 99 for D6600/D6100/D6100IPv6.
line# (Line/Group #)	The line number of the line in the receiver gateway that sent the message. Valid digits are 00 to 99. The receiver uses Line 0 (zero) for internal messages.
account#	The communicator's account number, up to six digits.
CCCC	Channels 1 to 4.
s	One space.
CCCC	Channels 5 to 8.
s	One space.
CCCC	Channels 9 to 12.
s	One space.
CCCC	Channels 13 to 16.
s	One space.
CCCC	Channels 17 to 20.
s	One space.
CCCC	Channels 21 to 24.
s	One space.
C	Supervisory channel.

Figure 22: Message sent to printer

```
mm/ddshh:mmsLxxsSCNsACCTsaaaaaa
+++sACCTsaaaasCCCCsCCCCsCCCCsCCCC
++++++++++++++CCCCsCCCCsC
```

For lines that are grouped, Gxx appears instead of Lxx.

Table 75: Scancom 4-24-1, 5-24-1, 6-24-1 - Available Upon Request (Message Type h) Printer Output

Characters	Description
SCN	Scancom.
Lxx:	Line number.
Gxx	Grouped line numbers.

3.2.20 Seriee DTMF (Message Type l)

Seriee DTMF Example	SIA Mode Description
	<LF><CRC><LEN><l><sequence#><receiver#><line#>[#aaaa|*data]<CR>

Table 76: Seriee DTMF (Message Type l) Byte Description

Title	Description
LF	Standard line feed character.
CRC	Cyclical redundancy check number.
LEN	Two-digit length identifier that indicates how many characters directly follow it (the trailing <CR> character is not counted).
Message Type	l (lowercase L).
sequence#	The message sequence number. The valid sequence number range is 0001 to 9999.
receiver#	The receiver gateway that sent the message. Valid digits are 01 to 99 for D6600/D6100/D6100IPv6.
line# (Line/Group #)	The line number of the line in the receiver gateway that sent the message. Valid digits are 00 to 99. The receiver uses Line 0 (zero) for internal messages.
account #	The communicator's account number has four digits.
*	Data separator.
Data	DTMF Seriee Data.

3.2.21 Seriee FSK (Message Type k)

Seriee FSK Example

SIA Mode Description
<LF><CRC><LEN><k><sequence#><receiver#><line#>[#aaaaa|EZZ]<CR>

Table 77: Seriee FSK (Message Type k) Byte Description

Title	Description
LF	Standard line feed character.
CRC	Cyclical redundancy check number.
LEN	Two-digit length identifier that indicates how many characters directly follow it (the trailing <CR> character is not counted).
Message Type	k
sequence#	The message sequence number. The valid sequence number range is 0001 to 9999.
receiver#	The receiver gateway that sent the message. Valid digits are 01 to 99 for D6600/D6100/D6100IPv6.
line# (Line/Group #)	The line number of the line in the receiver gateway that sent the message. Valid digits are 00 to 99. The receiver uses Line 0 (zero) for internal messages.
Account #	The communicator's account number has up to six digits.
E	Event code.
ZZ	Zone number.

3.2.22 Sescoa Super Speed (Message Type 7)

Sescoa Super Speed Example	SIA Mode Description
	<LF><CRC><LEN><7><sequence#><receiver#><line#>[#aaaa| IAAC]<CR>

Table 78: Sescoa Super Speed (Message Type 7) Byte Description

Title	Description
LF	Standard line feed character.
CRC	Cyclical redundancy check number.
LEN	Two-digit length identifier that indicates how many characters directly follow it (the trailing <CR> character is not counted).
Message Type	7
sequence#	The message sequence number. The valid sequence number range is 0001 to 9999.
receiver#	The receiver gateway that sent the message. Valid digits are 01 to 99 for D6600/D6100/D6100IPv6.
line# (Line/Group #)	The line number of the line in the receiver gateway that sent the message. Valid digits are 00 to 99. The receiver uses Line 0 (zero) for internal messages.
account#	The communicator's account number has four digits.
I	Event code.
AA	Two- digit zone code or the first two digits user code.
C	Space if zone report, or the last digit user code.

Figure 23: Message sent to printer

```
mm/ddshh:mmsLxxSESsACCTsaaaa +++sACCTsaaaasEEEseeeeeeeeeeeeee
```

For lines that are grouped, Gxx appears instead of Lxx.

Table 79: Sescoa Super Speed (Message Type 7) Printer Output

Characters	Description
SES	SESCOA Super Speed format.
Lxx	Line number.
Gxx	Grouped line numbers.
aaaa	Account code.
EEE	SESCOA Super Speed format event.
eeeeeeeeeeeeee	Up to 14-characters of event description.

3.2.23 Silent Knight FSK() (Message Type <TAB>)

Silent Knight FSK0 Example

SIA Mode Description
<LF><CRC><LEN><TAB><sequence#><receiver#><line#>[#aaaa|data]<CR>

Table 80: Silent Knight FSK0 (Message Type <TAB>) Byte Description

Title	Description
LF	Standard line feed character.
CRC	Cyclical redundancy check number.
LEN	Two-digit length identifier that indicates how many characters directly follow it (the trailing <CR> character is not counted). For example, <LF>D9381C<TAB>12220100[#0001|Npt003YC009]<CR>. Counting from the <TAB> character through the last square bracket, there are 28 characters, 0x1C in hexadecimal.
Message Type	<TAB>
sequence#	The message sequence number. The valid sequence number range is 0001 to 9999.
receiver#	The receiver gateway that sent the message. Valid digits: 01 to 99 for D6600/D6100/D6100IPv6.
line# (Line/Group #)	The line number of the line in the receiver gateway that sent the message. Valid digits: 00 to 99. The receiver uses Line 0 (zero) for internal messages.
account #	The communicator's account number has four digits.
Data	Data.

3.2.24 Silent Knight FSK1 (Message Type m)

Silent Knight FSK1 Example

SIA Mode Description
<LF><CRC><LEN><m><sequence#><receiver#><line#>[#aaaa| EEZZ"ECZZ"EEZZ"EEZZ"EEZZ"EEZZ"EEZZ"EEZZ]<CR>

Table 81: Silent Knight FSK1 (Message Type m) Byte Description

Title	Description
LF	Standard line feed character.
CRC	Cyclical redundancy check number.
LEN	Two-digit length identifier that indicates how many characters directly follow it (the trailing <CR> character is not counted).
Message Type	m
sequence#	The message sequence number. The valid sequence number range is 0001 to 9999.
receiver#	The receiver gateway that sent the message. Valid digits: 01 to 99 for D6600/D6100/D6100IPv6.
line# (Line/Group #)	The line number of the line in the receiver gateway that sent the message. Valid digits: 00 to 99. The receiver uses Line 0 (zero) for internal messages.
account #	The communicator's account number has four digits.
EEZZ"EEZZ"EEZZ"EEZZ"EEZZ"EEZZ"EEZZ"EEZZ"EEZZ	Up to eight reports. One report has four digits: one-digit event code, one-digit condition code, and two-digit zone code. The quote (") is the separation character.

Optional Silent Knight FSK1 (Message Type m)

If Menu Item 2.5.16 in the D6600/D6100/D6100IPv6 Receiver is equal to 1, the following output is used.

Silent Knight FSK1 Example

SIA Mode Description
<LF><CRC><LEN><m><sequence#><receiver#><line#>[#aaaa|ZZ"ZZ"ZZ"ZZ"ZZ"ZZ"ZZ"ZZ]<CR>

Table 82: Optional Silent Knight FSK1 (Message Type m) Byte Description

Title	Description
LF	Standard line feed character.
CRC	Cyclical redundancy check number.
LEN	Two-digit length identifier that indicates how many characters directly follow it (the trailing <CR> character is not counted).
Message Type	m
sequence#	The message sequence number. The valid sequence number range is 0001 to 9999.
receiver#	The receiver gateway that sent the message. Valid digits: 01 to 99 for D6600/D6100/D6100IPv6.

line# (Line/Group #)	The line number of the line in the receiver gateway that sent the message. Valid digits: 00 to 99. The receiver uses Line 0 (zero) for internal messages.
account #	The communicator's account number has four digits.
ZZ”ZZ”ZZ”ZZ”ZZ”ZZ”ZZ”ZZ”ZZ	Up to eight reports. One report has two digits. The quote (“) is the separate character.

Table 83: Silent Knight FSK1 Optional Outputs

Report Code	Description	To Automation		Note
		2 5 16 = 0(EEZZ)	2 5 16 = 1(ZZ)	
00	Alarm Panic	PAss	00	
01 to 08	Alarm 01 to 08	sA0x	01 to 08	x = 1 to 8
09	Holdup	Hass	09	
10 to 19	Alarm 10 to 19	sA1x	10 to 19	x = 0 to 9
20 to 29	Alarm Restore 10 to 19	sH1x	20 to 29	x = 0 to 9
30	Test Code	sXss	30	
31	Trouble Line 1	LT01	31	
32	Trouble Line 2	LT02	32	
33	Expand Trouble	ETss	33	
34	Forced Access	DFss	34	
35	Restore Line 1	LR01	35	
36	Restore Line 2	LR02	36	
37	Expand Restore	ERss	37	
38	Cancel Code	OCss	38	
39	Data Lost	RTss	39	
40	Closing	CL00	40	
41 to 49	Closing 01 to 09	CL0x	41 to 49	x = 1 to 9
50 to 59	Bypass 10 to 19	sB1x	50 to 59	x = 0 to 9
60	Trouble AC	ATss	60	
61 to 68	Trouble 01 to 08	sT0x	61 to 68	x = 1 to 8
69	Trouble BAT	YTss	69	
70	Restore AC	ARss	70	
71 to 78	Restore 01 to 08	sRss	71 to 78	
79	Restore BAT	YRss	79	
80	Access	DS00	80	
81 to 89	Access 01 to 09	DG0x	80 to 89	x = 1 to 9
90	Opening	OP00	90	
91 to 99	Opening 01 to 09	OP0x	91 to 99	

3.2.25 Silent Knight FSK2 (Message Type m)

Silent Knight FSK2 Example

SIA Mode Description
<LF><CRC><LEN><m><sequence#><receiver#><line#>[#aaaaaa| EEZZ”ECZZ”EEZZ”EEZZ”EEZZ”EEZZ”EEZZ”EEZZ]<CR>

Table 84: Silent Knight FSK2 (Message Type m) Byte Description

Title	Description
LF	Standard line feed character.
CRC	Cyclical redundancy check number.
LEN	Two-digit length identifier that indicates how many characters directly follow it (the trailing <CR> character is not counted).
Message Type	m
sequence#	The message sequence number. The valid sequence number range is 0001 to 9999.
receiver#	The receiver gateway that sent the message. Valid digits: 01 to 99 for D6600/D6100/D6100IPv6.
line# (Line/Group #)	The line number of the line in the receiver gateway that sent the message. Valid digits: 00 to 99. The receiver uses Line 0 (zero) for internal messages.
account #	The communicator's account number has up to six digits.
EEZZ”EEZZ”EEZZ”EEZZ”EEZZ”EEZZ”EEZZ”EEZZ”EEZZ	Up to eight reports. One report has four digits: one-digit event code, one-digit condition code, and two-digit zone code. The quote (“) is the separation character.

3.2.26 Silent Knight FSK80 (Message Type <TAB>)

	SIA Mode Description
Silent Knight FSK80 Example	<LF><CRC><LEN><TAB><sequence#><receiver#><line#>[#AAAA|NBAXY]<CR>

Table 85: Silent Knight FSK80 (Message Type <TAB>) Byte Description

Title	Description
LF	Standard line feed character.
CRC	Cyclical redundancy check number.
LEN	Two-digit length identifier that indicates how many characters directly follow it (the trailing <CR> character is not counted). For example, <LF>D9381C<TAB>12220100[#0001|Npt003YC009]<CR>. Counting from the <TAB> character through the last square bracket, there are 28 characters, 0x1C in hexadecimal.
Message Type	<TAB>
sequence#	The message sequence number. The valid sequence number range is 0001 to 9999.
receiver#	The receiver gateway that sent the message. Valid digits: 01 to 99 for D6600/D6100/D6100IPv6.
line# (Line/Group #)	The line number of the line in the receiver gateway that sent the message. Valid digits: 00 to 99. The receiver uses Line 0 (zero) for internal messages.
account #	The communicator's account number has four digits.
NBA	Alarm event

Figure 24: Message sent to printer

```
MM/DDsHH:MMsLxxsSFKsACCTsAAAA
+++ACCTsAAAAsALARM_ZNs1
+++ACCTsAAAAsALARM_ZNs2
+++ACCTsAAAAsALARM_ZNs3
+++ACCTsAAAAsALARM_ZNs4
+++ACCTsAAAAsALARM_ZNs5
+++ACCTsAAAAsALARM_ZNs7
+++ACCTsAAAAsALARM_ZNs8
+++ACCTsAAAAsALARM_ZNs9
```

Table 86: Silent Knight FSK80 Printer/LCD output

Characters	Description
MM/DDsHH:MM	Date and time.
SFK	SFSK80 format.
Lxx	Line number.
AAAA	The communicator's account number has four digits.
s	Space.

3.2.27 Telim (Message Type n)

Telim Example	SIA Mode Description
	<LF><CRC><LEN><n><sequence#><receiver#><line#>[#aaaaaa|EETTZZZZZZZZZZZZZZZZZZ]<CR>

Table 87: Telim (Message Type n) Byte Description

Title	Description
LF	Standard line feed character.
CRC	Cyclical redundancy check number.
LEN	Two-digit length identifier that indicates how many characters directly follow it (the trailing <CR> character is not counted).
Message Type	n
sequence#	The message sequence number. The valid sequence number range is 0001 to 9999.
receiver#	The receiver gateway that sent the message. Valid digits: 01 to 99 for D6600/D6100/D6100IPv6.
line# (Line/Group #)	The line number of the line in the receiver gateway that sent the message. Valid digits: 00 to 99. The receiver uses Line 0 (zero) for internal messages.
account #	The communicator's account number has up to six digits.
EETTZZZZZZZZZZZZZZ	The event type and input line number.

3.2.28 Varitech FSK 4-1 (Message Type <TAB>)

Varitech FSK 4-1 Example

SIA Mode Description
<LF><CRC><LEN><TAB><sequence#><receiver#><line#>[#aaaa|data]<CR>

Table 88: Varitech FSK 4-1 (Message Type <TAB>) Byte Description

Title	Description
LF	Standard line feed character.
CRC	Cyclical redundancy check number.
LEN	Two-digit length identifier that indicates how many characters directly follow it (the trailing <CR> character is not counted). For example, <LF>D9381C<TAB>12220100[#0001|Npt003YC009]<CR>. Counting from the <TAB> character through the last square bracket, there are 28 characters, 0x1C in hexadecimal.
Message Type	<TAB>
sequence#	The message sequence number. The valid sequence number range is 0001 to 9999.
receiver#	The receiver gateway that sent the message. Valid digits: 01 to 99 for D6600/D6100/D6100IPv6.
line# (Line/Group #)	The line number of the line in the receiver gateway that sent the message. Valid digits: 00 to 99 The receiver uses Line 0 (zero) for internal messages.
account#	The communicator's account number has four digits.
data	The event type and 1-digit zone number.

3.2.29 Varitech FSK 4-2 (Message Type <TAB>)

Varitech FSK 4-2 Example

SIA Mode Description
<LF><CRC><LEN><TAB><sequence#><receiver#><line#>[#aaaa|data]<CR>

Table 89: Varitech FSK 4-2 (Message Type <TAB>) Byte Description

Title	Description
LF	Standard line feed character.
CRC	Cyclical redundancy check number.
LEN	Two-digit length identifier that indicates how many characters directly follow it (the trailing <CR> character is not counted). For example, <LF>D9381C<TAB>12220100[#0001|Npt003YC009]<CR>. Counting from the <TAB> character through the last square bracket, there are 28 characters, 0x1C in hexadecimal.
Message	<TAB>
sequence#	The message sequence number. The valid sequence number range is 0001 to 9999.
receiver#	The receiver gateway that sent the message. Valid digits: 01 to 99 for D6600/D6100/D6100IPv6.
line# (Line/Group #)	The line number of the line in the receiver gateway that sent the message. Valid digits: 00 to 99. The receiver uses Line 0 (zero) for internal messages.
account #	The communicator's account number has four digits.
data	The event type and two-digit zone number.

3.2.30 VONK (Message Type V)

	SIA Mode Description
VONK Example	<LF><CRC><LEN><V><sequence#><receiver#><line#>[#aa|123456789ABCDEFG]<CR>

Table 90: VONK (Message Type V) Byte Description

Title	Description
LF	Standard line feed character.
CRC	Cyclical redundancy check number.
LEN	Two-digit length identifier that indicates how many characters directly follow it (the trailing <CR> character is not counted).
Message Type	V
sequence#	The message sequence number. The valid sequence number range is 0001 to 9999.
receiver#	The receiver gateway that sent the message. Valid digits: 01 to 99 for D6600.
line# (Line/Group #)	The line number of the line in the receiver gateway that sent the message. Valid digits: 00 to 99. The receiver uses Line 0 (zero) for internal messages.
account #	The communicator's account number has two digits.
Data	Status of zones 1 to 16. If the zone is closed, a “.” (Period) appears in this position. If the zone is open, any digit from 1 to G appears in this position.

3.2.31 X-SIA text (Message Type <TAB>)

X-SIA Example

SIA Mode Description
<LF><CRC><LEN><TAB><sequence#><receiver#><line#>[#aaaa|EMMZZZZ*'TTTTTTTTTTTTT' NM/***]<CR>

Table 91: X-SIA text (Message Type <TAB>) Byte Description

Title	Description
LF	Standard line feed character.
CRC	Cyclical redundancy check number.
LEN	Two-digit length identifier that indicates how many characters directly follow it (the trailing <CR> character is not counted). For example, <LF>D9381C<TAB>12220100[#0001|Npt003YC009]<CR>. Counting from the <TAB> character through the last square bracket, there are 28 characters, 0x1C in hexadecimal.
Message Type	<TAB>
sequence#	The message sequence number. The valid sequence number range is 0001 to 9999.
receiver#	The receiver gateway that sent the message. Valid digits: 01 to 99 for D6600/D6100/D6100IPv6.
line# (Line/Group #)	The line number of the line in the receiver gateway that sent the message. Valid digits: 00 to 99. The receiver uses Line 0 (zero) for internal messages.
account #	The communicator's account number has up to 16 digits.
E	SIA block code.
MM	SIA event code.
ZZZZ	Zone number.
*	Text identifier.
`	Single quote.
TT...TTT	13 character text string.
‘	Single quote.
NM	Unit field characters.
/	Separator.
***	Next data.

Figure 25: Message sent to printer

```
MM/DDsHH:MMsLxxsSIAsACCTsAAAA
+++sEMMZZZZ*'TTTTTTTTTTTTT'NM
+++sEMMZZZZ*'TTTTTTTTTTTTT'NM
```

Table 92: X-SIA Printer/LCD output	
Characters	Description
MM/DDsHH:MM	Date and time.
Lxx	Line number.
SIA	SIA format.
AAAA	Account code.
E	SIA block code.
MM	SIA event code.
ZZZZ	Zone number.
*	Text identifier.
‘	Single quote.
TTT...T	13 character text string.
‘	Single quote.
NM	Unit field characters.

3.2.32 SafeCom (Message Type p)

SafeCom Example

SIA Mode Description
<LF><CRC><LEN><p><sequence#><receiver#><line#>[#aaaa|EEEEdata]<CR>

Table 93: SafeCom (Message Type p) Byte Description	
Title	Description
LF	Standard line feed character.
CRC	Cyclical redundancy check number.
LEN	Two-digit length identifier that indicates how many characters directly follow it (the trailing <CR> character is not counted).
Message	p
sequence#	The message sequence number. The valid sequence number range is 0001 to 9999.
receiver#	The receiver gateway that sent the message. Valid digits: 01 to 99 for D6600.
line#	The line number of the line in the receiver gateway that sent the message. Valid digits: 00 to 99. The receiver uses Line 0 (zero) for internal messages.
account #	The communicator's account number has four digits.
EEEE	Event code, four digits.
data	Event code parameter data.

3.3 Input Command Processing

Input devices, such as automation systems, send the commands described in Table 94 to the receiver. If the receiver does not recognize a command, it generates a `REJECT COMMAND` message, prints at connected printers, and sends an ASCII text message to the automation port.

The CPU programming in Menu Item 2.2.4 of the D6600/D6100/D6100IPv6 Receiver must be set to 1 to use input commands.

Table 94: ASCII Text Message to Automation Port

Set Time	The automation system, or other device, sends the command shown below to set the time at the D6600/D6100/D6100IPv6 if the D6600/D6100/D6100IPv6 is programmed to synchronize the time and date with the automation system. D6650 Mode: !Thhmm<CR> SIA Mode: **<seq><rec><line>[CSThhmm]<CR>** hh - hours (24 hour format) mm – minutes.
Set Date	The automation system, or other device, sends the command shown below to set the date at the D6600/D6100/D6100IPv6 if the D6600/D6100/D6100IPv6 is programmed to synchronize the time and date with the automation system. D6650 Mode: !Dmmddyy<CR> SIA Mode: **<seq><rec><line>[CSDmmddyy]<CR>** mm - month, dd - day, yy – year
Stop Two Way Audio	The automation system, or other device, sends the command shown below to stop a two way audio session on the line specified. D6650 Mode: !Kn<CR> SIA Mode: **<seq><rec><line>[CLKnn]<CR>** nn - line card number, 01-32.
Reject Command	D6650 Mode: h3rrlsREJECTsCOMMANDsst SIA Mode: <LF><CRC><TAB><sequence#><receiver#><line#>[REJECT COMMAND]<CR>

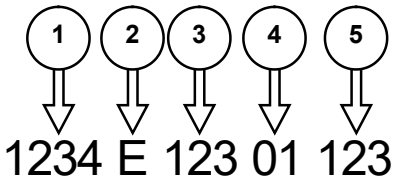
Table 95: Input Command Output Messages

	D6500 Mode	SIA Mode	Printer Output
Set Time	h1rrsssssssssssXss2t	[NJT]	TIME SET
Set Date	h1rrsssssssssssXss51t	[NJD]	DATE SET
Stop Two Way Audio	h1rrsssssssssssXss52t	[CLK]	TWO WAY AUDIO STOP STOP

Table 95 shows the D6500 and SIA automation output formats for these input commands.

Appendix A: Contact ID Event Code Classifications

Figure 26: Contact ID format



1 - Customer (Subscriber Account Number)
2 - Event Qualifier - E = New Event, R = Restore
3 - Event Code - refer to Section A1 Event Codes
4 - Group or Partition Number, 00 to FF (2 Hex digits 0-9, B-F, always 00 for non-partitioned panels)
5 - Zone ID number* - reporting the alarm (001 to 999) or user number for open or close reports.

* System status messages, such as AC Loss and Low Battery, are Zone ID 000.

Table 96: Contact ID Event Code Classifications

#	Event Type	Zone
Medical:		
100	Medical	Emerg-Personal Emergency-#
101	Pendant Transmitter	Emerg-Personal Emergency-#
102	Fail to report in	Emerg-Fail to check in-#
Fire Alarms:		
110	Fire	Fire-Fire Alarm-#
111	Smoke w/Verification	Fire-Fire Alarm-#
112	Combustion	Fire-Combustion-#
113	Waterflow	Fire-Water Flow-#
114	Heat	Fire-Heat Sensor-#
115	Pull Station	Fire-Pull Station-#
116	Duct	Fire-Duct Sensor-#
117	Flame	Fire-Flame Sensor-#
118	Near Alarm	Fire-Near Alarm-#
Panic Alarms:		
120	Panic Alarm	Panic-Panic-#
121	Duress	Panic-Duress-User #
122	Silent	Panic-Silent Panic-#
123	Audible	Panic-Audible Panic-#
124	Duress-Access Granted	Panic-Duress Access Grant-#
125	Duress-Egress Granted	Panic-Duress Egress Grant-#
Burglar Alarms:		
130	Burglary	Burg-Burglary-#
131	Perimeter	Burg-Perimeter-#
132	Interior	Burg-Interior-#
133	24 HR Burg (Aux)	Burg-24 Hour-#
134	Entry/Exit	Burg-Entry/Exit-#
135	Day/Night	Burg-Day/Night-#
136	Outdoor	Burg-Outdoor-#
137	Tamper	Burg-Tamper-#
138	Near Alarm	Burg-Near Alarm-#
139	Intrusion Verifier	Burg-Intrusion Verifier-#

Table 96: Contact ID Event Code Classifications (continued)

#	Event Type	Zone
General Alarms:		
140	General Alarm	Alarm-General Alarm-#
141	Polling Loop Open	Alarm-Polling Loop Open
142	Polling Loop Short (AL)	Alarm-Polling Loop Short
143	Expansion Mod Failure	Alarm-Exp. Module Tamper-#
144	Sensor Tamper	Alarm-Sensor Tamper-#
145	Expansion Module Tamper	Alarm-Exp. Module Tamper-#
146	Silent Burg	Alarm-Silent Burglary-#
24 Hour Non-Burglary:		
150	24 Hour (Auxiliary	Alarm-24 Hr. Non-Burg-#
151	Gas Detected	Alarm-Gas Detected-#
152	Refrigeration	Alarm-Refrigeration-#
153	Loss of Heat	Alarm-Heating System-#
154	Water Leakage	Alarm-Water Leakage-#
155	Foil Break	Trouble-Foil Break-#
156	Day Trouble	Trouble-Day Zone-#
157	Low Bottled Gas Level	Alarm-Low Gas Level-#
158	High Temp	Alarm-High Temperature-#
159	Low Temp	Alarm-Low Temperature-#
161	Loss of Air Flow	Alarm-Air Flow-#
162	Carbon Monoxide Detected	Alarm-Carbon Monoxide-#
163	Tank Level	Trouble-Tank Level-#
Fire Supervisory:		
200	Fire Supervisory	Super.-Fire Supervisory-#
201	Low Water Pressure	Super.-Low Water Pressure-#
202	Low CO2	Super.-Low CO2-#
203	Gate Valve Sensor	Super.-Gate Valve-#
204	Low Water Level	Super.-Low Water Level-#
205	Pump Activated	Super.-Pump Activation-#
206	Pump Failure	Super.-Pump Failure-#

Table 96: Contact ID Event Code Classifications (continued)

#	Event Type	Zone
System Troubles:		
300	System Trouble	Trouble-System Trouble
301	AC Loss	Trouble-AC Power
302	Low System Batt	Trouble-Low Battery
303	RAM Checksum Bad	Trouble-Bad RAM Checksum (Restore not applicable)
304	ROM Checksum Bad	Trouble-Bad ROM Checksum (Restore not applicable)
305	System Reset	Trouble-System Reset (Restore not applicable)
306	Panel Prog Change	Trouble-Programming Changed (Restore not applicable)
307	Self-Test Failure	Trouble-Self Test Failure
308	System Shutdown	Trouble-System Shutdown
309	Battery Test Fail	Trouble-Battery Test Failure
310	Ground Fault	Trouble-Ground Fault-#
311	Battery Missing	Trouble-Battery Missing
312	Power Supply Overcurrent	Trouble-Pwr. Supp. Overcur.-#
313	Engineer Reset	Status-Engineer Reset-User # (Restore not applicable)
Sounder/Relay Troubles:		
320	Sounder/Relay	Trouble-Sounder/Relay-#
321	BELL 1	Trouble-Bell/Siren #1
322	BELL 2	Trouble-Bell/Siren #2
323	Alarm Relay	Trouble-Alarm Relay
324	Trouble Relay	Trouble-Trouble Relay
325	Reversing Relay	Trouble-Reversing Relay
326	Notification Appliance CKT. #3	Trouble-Notification Appl. Ckt#3
327	Notification Appliance CKT. #4	Trouble-Notification Appl. Ckt#4
System Peripheral Troubles:		
330	System Peripheral	Trouble-Sys. Peripheral-#
331	Polling Loop Open	Trouble-Polling Loop Open
332	Polling Loop Short	Trouble-Polling Loop Short
333	Exp. Module Failure	Trouble-Exp. Module Fail-#
334	Repeater Failure	Trouble-Repeater Failure-#

335	Local Printer Paper Out	Trouble-Printer Paper Out

Table 96: Contact ID Event Code Classifications (continued)

#	Event Type	Zone
336	Local Printer Failure	Trouble-Local Printer
337	Exp. Mod. DC Loss	Trouble-Exp. Mod. DC Loss-#
338	Exp. Mod. Low bat	Trouble-Exp. Mod. Low Batt-#
339	Exp. Mod. Reset	Trouble-Exp. Mod. Reset-#
341	Exp. Mod. Tamper	Trouble-Exp. Mod. Tamper-#
342	Exp. Module AC Loss	Trouble-Exp. Module AC Loss-#
343	Exp. Module Self Test Fail	Trouble-Exp. Self-Test Fail-#
344	RF Rcvr Jam Detect #	Trouble-RF Rcvr Jam Detect-#
Communication Troubles:		
350	Communication	Trouble-Communication Failure
351	Telco 1 Fault	Trouble-Phone line #1
352	Telco 2 Fault	Trouble-Phone line #2
353	LR Radio Xmitter Fault	Trouble-Radio Transmitter
354	Failure To Communicate	Trouble-Fail to Communicate
355	Loss of Radion Super.	Trouble-Radio Supervision
356	Loss of Central Polling	Trouble-Central Radion Polling
357	LRR XMTR. VSWR	Trouble-Radio Xmitter. VSWR-#
Protection Loop:		
370	Protection Loop	Trouble-Protection Loop-#
371	Protection Loop Open	Trouble-Prot. Loop Open-#
372	Protection Loop Short	Trouble-Prot. Loop Short-#
373	Fire Trouble	Trouble-Fire Loop-#
374	Exit Error (By User)	Alarm-Exit Error-#
375	Panic Zone Trouble	Trouble-PA Trouble-#
376	Hold-Up Zone Trouble	Trouble-Hold-Up Trouble-#

Table 96: Contact ID Event Code Classifications (continued)

#	Event Type	Zone
Sensor:		
380	Sensor TRBL-Global	Trouble-Sensor Trouble-#
381	Loss Of Supervision	Trouble-RF Sensor Super.-#
382	Loss Of Supervisn	Trouble-RPM Sensor Super.-#
383	Sensor Tamper	Trouble-Sensor Tamper-#
384	RF Low Battery	Trouble-RF Sensor Battery-#
385	Smoke Hi Sens.	Trouble-Smoke Hi Sens.-#
386	Smoke lo sens.	Trouble-Smoke Lo Sens.-#
387	Intrusion hi sens.	Trouble-Intrusion Hi Sens.-#
388	Intrusion lo sens.	Trouble-Intrusion Lo Sens.-#
389	Det. Self test fail	Trouble-Sensor Test Fail-#
391	Sensor Watch Failure	Trouble-Sensor Watch Fail-#
392	Drift Comp. Error	Trouble-Drift Comp. Error-#
393	Maintenance Alert	Trouble-Maintenance Alert-#
Open/Close:		
400	Open/Close	Opening/Closing
401	Open/Close By User	Opening-User #/Closing-User #
402	Group O/C	Closing-Group User #
403	Automatic Open/Close	Opening-Automatic/Closing-Automatic
404	Late to O/C	Opening-Late/Closing-Late
405	Deferred O/C	Event & Restore Not Applicable
406	Cancel (By User)	Opening-Cancel
407	Remote Arm/Disarm	Opening-Remote/Closing-Remote
408	Quick Arm	Event not applicable for opening/closing-Quick Arm
409	Keyswitch Open/Close	Opening-Keyswitch/Closing-Keyswitch
441	Armed Stay	Opening-Armed Stay/Closing-Armed Stay
442	Keyswitch Armed Stay	Opening-Keysw. Arm Stay/Opening-Keysw. Arm Stay
450	Exception O/C	Opening-Exception/Closing-Exception
451	Early O/C	Opening-Early/Closing-Early-Use r#

452	Late O/C	Opening-Late/Closing-Late-User #
453	Failed to Open	Trouble-Fail to open (Restore not applicable)

Table 96: Contact ID Event Code Classifications (continued)

#	Event Type	Zone
454	Failed to Close	Trouble-Fail to Close (Restore not applicable)
455	Auto-Arm Failed	Trouble-Auto Arm Failed (Restore not applicable)
456	Partial Arm	Closing-Partial arm-User #
457	Exit Error (User)	Closing-Exit Error-User #
458	User on Premises	Opening-User on Prem. –User #
459	Recent Close	Trouble-Recent Close-User # (Restore not applicable)
461	Wrong Code Entry	Access-Wrong Code entry (Restore not applicable)
462	Legal Code Entry	Access-Legal Code entry-user # (Restore not applicable)
463	Re-arm after Alarm	Status-Re Arm After Alarm-User # (restore not applicable)
464	Auto Arm Time Extended	Status-Auto Arm Time Ext.-User # (Restore not applicable)
465	Panic Alarm Reset	Status-PA Reset (Restore not applicable)
Remote Access:		
411	Callback Requested	Remote-Callback Requested (Restore not applicable)
412	Success-Download/access	Remote-Successful Access (Restore not applicable)
413	Unsuccessful Access	Remote-Unsuccessful Access (Restore not applicable)
414	System Shutdown	Remote-System Shutdown
415	Dialer Shutdown	Remote-Dialer Shutdown
416	Successful Upload	Remote-Successful Upload (Restore not applicable)
Access Control:		
421	Access Denied	Access-Access Denied-User # (Restore not applicable)
422	Access Report by User	Access-Access Gained-User # (Restore not applicable)
423	Forced Access	Panic-Forced Access-#
424	Egress Denied	Access-Egress Denied (Restore not applicable)
425	Egress Granted	Access-Egress Granted (Restore not applicable)
426	Access Door Propped Open	Access-Door Propped Open-#
427	Access Point DSM Trouble	Access-ACS Point DSM Trbl.-#
428	Access Point RTE Trouble	Access-ACS Point RTE Trbl.-#
429	Access Program Mode Entry	Access-ACS Prog. Entry-User # (Restore not applicable)

Table 96: Contact ID Event Code Classifications (continued)

#	Event Type	Zone
430	Access Program Mode Exit	Access-ACS Prog. Exit-User # (Restore not applicable)
431	Access Threat Level Change	Access-ACS Threat Level Chg.
432	Access Relay/Trigger Fail	Access-ACS Relay/Trig. Fail-#
433	Access RTE Shunt	Access-ACS RTE Shunt-#
434	Access DSM Shunt	Access-ACS DSM Shunt-#
System Disables:		
501	Access Reader Disable	Disable-Access Rdr. Disable-#
Sounder/Relay Disables:		
520	Sounder/Relay Disable	Disable-Sounder/Relay-#
521	Bell 1 Disable	Disable-Bell/Siren #1
522	Bell 2 Disable	Disable-Bell/Siren #2
523	Alarm Relay Disable	Disable-Alarm Relay
524	Trouble Relay Disable	Disable-Trouble Relay
525	Reversing Relay Disable	Disable-Reversing Relay
526	Notification Appliance Ckt #3	Disable-Notification Appl. Ckt #3
527	Notification Appliance Ckt #4	Disable-Notification Appl. Ckt #4
System Peripheral Disables:		
531	Module Added	Super.-Module Added (Restore not applicable)
532	Module Removed	Super.-Module Removed (Restore not applicable)
Communication Disables:		
551	Dialer Disabled	Disable-Dialer Disable
552	Radio Xmitter Disabled	Disable-Radio Disable
553	Remote Upload/Download	Disable-Rem. Up/Download Disable
Bypasses:		
570	Zone/Sensor Bypass	Bypass-Zone Bypass-#
571	Fire Bypass	Bypass-Fire Bypass-#

Table 96: Contact ID Event Code Classifications (continued)

#	Event Type	Zone
572	24 Hour Zone Bypass	Bypass-24 Hour Bypass-#
573	Burg. Bypass	Bypass-Burg. Bypass-#
574	Group Bypass	Bypass-Group Bypass-User #
575	Swinger Bypass	Bypass-Swinger Bypass-#
576	Access Zone Shunt	Access-ACS Zone Shunt-#
577	Access Point Bypass	Access-ACS Point Bypass-#
Test/Misc.:		
601	Manual Test	Test-Manually Triggered (Restore not applicable)
602	Periodic Test	Test-Periodic (Restore not applicable)
603	Periodic RF Xmission	Test-Periodic Radio (Restore not applicable)
604	Fire Test	Test-Fire Walk Test-User #
605	Status Report To Follow	Test-Fire Walk-User #
606	Listen-In To Follow	Listen-Listen-In Active (Restore not applicable)
607	Walk-Test Mode	Test-Walk Test Mode-User #
608	System Trouble Present	Test-System Trouble Present (Restore not applicable)
609	Video XMTR Active	Listen-Video Xmitter Active (Restore not applicable)
611	Point Tested OK	Test-Point Tested OK-# (Restore not applicable)
612	Point Not Tested	Test-Point Not Tested-# (Restore not applicable)
613	Intrusion Zone Walk Tested	Test-Intrn Zone Walk Test-# (Restore not applicable)
614	Fire Zone Walk Tested	Test-Fire Zone Walk Test-# (Restore not applicable)
615	Panic Zone Walk Tested	Test-PA Zone Walk Test (Restore not applicable)
616	Service Request	Trouble-Service Request
Event Log:		
621	Event Log Reset	Trouble-Event Log Reset (Restore not applicable)
622	Event Log 50% Full	Trouble-Event Log 50% Full (Restore not applicable)
623	Event Log 90% Full	Trouble-Event Log 90% Full (Restore not applicable)
624	Event Log Overflow	Trouble-Event Log Overflow (Restore not applicable)
625	Time/Date Reset	Trouble-Time/Date Reset-User # (Restore not applicable)
626	Time/Date Inaccurate	Trouble-Time/Date Invalid

Table 96: Contact ID Event Code Classifications (continued)

#	Event Type	Zone
627	Program Mode Entry	Trouble-Program Mode Entry (Restore not applicable)
628	Program Mode Exit	Trouble-Program Mode Exit (Restore not applicable)
Scheduling:		
630	Schedule Change	Trouble-Schedule Changed (Restore not applicable)
631	Exception Sched. Change	Trouble-Esc. Sched. Changed (Restore not applicable)
632	Access Schedule Changes	Trouble-Access Sched. Changed (Restore not applicable)
Personnel Monitoring:		
641	Senior Watch Trouble	Trouble-Senior Watch Trouble
642	Latch-key Supervision	Status-Latch-key Super-User # (Restore not applicable)
Special Codes:		
750-789	These codes are used **only** by Protection and can be assigned any unique non-standard Event code that Pro 1 tracks.	

Appendix B: Internal Messages

Table 97: Internal Messages

#	Internal Messages	D6500 Output[2]	SIA Output[2]	Printer Output
1.	Acknowledge			Acknowledge
2.	Keypad Operation[1]	X 0	[NYZ]	OPERATOR KEYPAD OPERATION
3.	Service Required[1]	X 1	[NYX]	SERVICE REQUIRED
4.	Set Time	X 2	[NJT]	TIME SET
5.	Battery Missing	X 9	[NYM]	BATTERY MISSING
6.	Battery Present[1]	X 10	[NYR]	BATTERY PRESENT
7.	Battery Bad	X 11	[NYT]	BATTERY LOW
8.	Battery Restore	X 12	[NYR]	BATTERY RESTORE
9.	AC Fail	X 13	[NAT]	AC FAIL
10.	AC Restore	X 14	[NAR]	AC RESTORE
11.	Paper In[1]	X 15	[NVI]	PAPER IN
12.	Paper Out[1]	X 16	[NVO]	PAPER OUT
13.	Local Parameter Program In[1]	X 17	[NLB]	LOCAL PARM PROGRAM IN
14.	Local Parameter Program Successful[1]	X 18	[NLS]	LOCAL PARM PROGRAM OK
15.	Local Software Program In[1]	X 41	[NLB]	LOCAL SOFTWARE PROG IN
16.	Local Software Program Successful[1]	X 42	[NLS]	LOCAL SOFTWARE PROG OK
17.	Local Program Failure[1]	X 43	[NLU]	LOCAL PROGRAM FAILURE
18.	Local Program Denied[1]	X 44	[NLD]	LOCAL PROGRAM DENIED
19.	Remote Parameter Program In	X 45	[NRB]	REMOTE PARM PROGRAM IN
20.	Remote Parameter Program Successful	X 46	[NRS]	REMOTE PARM PROGRAM OK
21.	Remote Software Program In	X 47	[NRB]	REMOTE SOFTWARE PROG IN
22.	Remote Software Program Successful	X 48	[NRS]	REMOTE PROGRAM SUCCESS
23.	Remote Program Failure	X 49	[NRU]	REMOTE PROGRAM FAILURE
24.	Remote Program Denied[1]	X 50	[NRD]	REMOTE PROGRAM DENIED
25.	Printer On Line[1]	X 19	[NVY]	PRINTER ON LINE

Table 97: Internal Messages (continued)

#	Internal Messages	D6500 Output[2]	SIA Output[2]	Printer Output
26.	Printer Off Line[1]	X 20	[NVZ]	PRINTER OFF LINE
27.	External PRT Error	X 21	[NVT]	EXTERNAL PRINTER ERROR
28.	External PRT Restore	X 22	[NVR]	EXTERNAL PRINTER RESTORE
29.	Internal PRT Error[1]	X 21	[NVT]	INTERNAL PRINTER ERROR
30.	Internal PRT Restore[1]	X 22	[NVR]	INTERNAL PRINTER RESTORE
31.	Busy Seconds	bbb B	[NYBbbb]	BUSY SECONDS bbb%
32.	COM3 Error	X 30	[NYC]	COMPUTER ERROR
33.	COM3 Trouble	X 31	[NYS]	COMPUTER TROUBLE
34.	COM3 Restore	X 32	[NYK]	COMPUTER RESTORE
35.	UPS AC Fail	X 33	[NUA01]	UPS AC FAIL
36.	UPS AC Restore	X 34	[NUR01]	UPS AC RESTORE
37.	UPS Battery Low	X 35	[NUA02]	UPS BATTERY LOW
38.	UPS Battery Restore	X 36	[NUR02]	UPS BATTERY RESTORE
39.	System Reset	X 37	[NYW01]	SYSTEM RESET
40.	System Default[1]	X 38	[NYG]	SYSTEM DEFAULT
41.	System Temperature High	X 39	[NKA]	SYSTEM TEMPERATURE HIGH
42.	System Temperature Restore	X 40	[NKR]	SYSTEM TEMPERATURE RESTORE
43.	Slotx/Linex (Lxx) Line Fault	X 5	[NLT]	PHONE LINE FAULT
44.	Slotx/Linex (Lxx) Line Restore	X 6	[NLR]	PHONE LINE RESTORE
45.	Slotx/Linex (Lxx) Line Card Trouble	X 7	[NYD]	LINE CARD TROUBLE
46.	Slotx/Linex (Lxx) Line Card Restore	X 8	[NYE]	LINE CARD RESTORE
47.	Slotx/Linex (Lxx) Audio In	*	[NLF]	AUDIO IN
48.	Slotx/Linex (Lxx) Audio Done	L	[NLE]	AUDIO DONE
49.	Slotx/Linex (Lxx) Communication Error[1]	X 60	[NUA03]	COMMUNICATION ERROR
50.	Slotx/Linex (Lxx) Communication Restr[1]	X 61	[NUR03]	COMMUNICATION RESTORE
51.	Slotx/Linex (Lxx) Data Error	X 62	[NYN]	DATA ERROR

Table 97: Internal Messages (continued)

#	Internal Messages	D6500 Output[2]	SIA Output[2]	Printer Output
52.	Slotx/Linex (Lxx) No Data Received	X 63	[NUT04]	NO DATA RECEIVED
53.	Slotx/Linex (Lxx) Reset	X 64	[NYW02]	LINE RESET
54.	Slotx/Linex (Lxx) Codec Error[1]	X 65	[NUT05]	CODEC ERROR
55.	Slotx/Linex (Lxx) Private Call	P	[NUT06]	PRIVATE CALL
56.	Slotx/Linex (Lxx) No Call Number	N	[NUT07]	NO CALL NUMBER
57.	Slotx/Linex (Lxx) Caller Unknown	U	[NUT08]	CALLER UNKNOWN
58.	Set Date	X 51	[NJD]	DATE SET
59.	Stop Two Way Audio	X 52	[CLK]	TWO WAY AUDIO STOP
60.	CPU Data Error[1]	X 53	[NYN01]	CPU DATA ERROR
61.	Network Error[1]	X 54	[NNT]	NETWORK ERROR
62.	Network Restore[1]	X 55	[NNR]	NETWORK RESTORE
63.	Account Status Failure	T B02	[NYC]	COMM FAIL
64.	Account Status Restore	N B02	[NYK]	COMM FAIL RESTR
65.	Supervision Rate Changed	X 66	[NCO0001]	SUPERVISION RATE CHANGED
66.	Switch To Intercept Mode	X 88	[NCO0002]	SWITCH TO INTERCEPT MODE
67.	Switch to Fallback Mode	X 81	[NCO0003]	SWITCH TO FALLBACK MODE
68.	Diable Intercept Mode	X 83	[NCO0004]	DISABLE INTERCEPT MODE
69.	Activate Output	X 84	[NCO0005]	ACTIVATE OUTPUT
70.	Deactivate Output	X 86	[NCO0006]	DEACTIVATE OUTPUT
71.	C900 Reboot	X 59	[NSC0001]	C900 REBOOT
72.	C900 Battery Low	X 58	[NSC0002]	C900 VOLTAGE LOW
73.	C900 Battery Restore	X 68	[NSC0003]	C900 VOLTAGE RESTORE

Table 97: Internal Messages (continued)

#	Internal Messages	D6500 Output[2]	SIA Output[2]	Printer Output
74.	C900 Switched to Intercept	X 87	[NSC0004]	C900 SWITCHED TO INTERCEPT
75.	C900 Switched to Fallback	X 82	[NSC0005]	C900 SWITCHED TO FALLBACK
76.	C900 Output Activated	X 85	[NSC0006]	C900 OUTPUT ACTIVATED
77.	C900 Output Deactivated	X 94	[NSC0007]	C900 OUTPUT DEACTIVATED
78.	C900 Input Shorted	X 89	[NSC0008]	C900 INPUT SHORTED
79.	C900 Input Open	X 90	[NSC0009]	C900 INPUT OPEN
80.	C900 Input Restored	X 91	[NSC0010]	C900 INPUT RESTORED
81.	C900 Intercept Enabled	X 92	[NSC0011]	C900 INTERCEPT ENABLED
82.	C900 Intercept Disabled	X 93	[NSC0012]	C900 INTERCEPT DISABLED
83.	No Acknowledgement Received	X 71	[NYU0001]	NO ACKNOWLEDGEMENT RECEIVED
84.	Not Dialing	X 72	[NYU0002]	NOT DIALING
85.	Dialing Error	X 73	[NYU0003]	DIALING ERROR
86.	No Response to Handshake	X 74	[NYU0004]	NO RESPONSE TO HANDSHAKE
87.	No Response to Acknowledgement	X 75	[NYU0005]	NO RESPONSE TO ACK
88.	Message Unknown	X 76	[NYU0006]	MESSAGE UNKNOWN
89.	Invalid Message	X 77	[NYU0007]	INVALID MESSAGE
90.	30 Minutes Since Fallback Command	X 95	[NMI0001]	30 MIN SINCE FALLBACK CMD
91.	Alarm for Panel Substitution	A D53	[Npt003AA 007]	ALARM-PNL SUBST
92.	Account Disable by Attack	TB03	[Npt003YC 008]	ACCOUNT DISABLED BY ATTACK
93.	Incompatible	X 99	[NIVn]	INCOMPATIBLE FIRMWARE
94.	Incompatible	X 100	[NIUn]	INCOMPATIBLE HARDWARE

[1] Internal message is not implemented.

[2] Output messages are abbreviated.

Appendix C: Modem4/ModemIIIa² Messages

For lines that are grouped, Gxx appears instead of Lxx.

The GV4 (v2.x.x and higher)/B5512/B4512 send 4-digit user and point numbers. Panels using Modem4 send 4-digit Point and User data.

New events added since the last revision of this document are identified as a New Message in the Comments coloumn.

Comment numbers are identified in the *ZONEX and Comex Translation* section following this table.

Table 98: Modem4/ModemIIIa² Messages

	Event	Device/Mode	Display/Explanation	Comments
1	Abort (No User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa ABORT BY USER +++ACC aaaa AREA=a h1rrlsssssssaaaasIsD41t <header>[#aaaa|NriaAB]	
2	Abort	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa ABORT BY USER +++ACC aaaa AREA=a ID=iii h1rrlsssssssaaaasIsiiit <header>[#aaaa|Nria/idiiiAB]	
3	Abort (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa ABORT BY USER +++ACC aaaa AREA=aa ID=iiii h1rrlsssssssaaaasIiiiit <header>[#aaaa|Nriaa/idiiiiAB]	
4	Access Granted	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa ACCESS GRANTED +++ACC aaaa AREA=a CRD=iii-x POINT=ppp h1rrlsssssssaaaaAGspppt <header>[#aaaa|Nria/idiiiDGppp]	
5	Access Granted (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa ACCESS GRANTED +++ACC aaaa AREA=aa CRD=iiii POINT=ppp h1rrlsssssssaaaaAGspppt <header>[#aaaa|Nriaa/idiiiiDGppp]	
6	Access Granted (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa ACCESS GRANTED +++ACC aaaa AREA=aa CRD=iii-x POINT=pppp h1rrlsssssssaaaaAGppppt <header>[#aaaa|Nriaa/idiiiDGpppp]	
7	Access Granted (4-digit User / Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa ACCESS GRANTED +++ACC aaaa AREA=aa CRD=iiii POINT=pppp h1rrlsssssssaaaaAGppppt <header>[#aaaa|Nriaa/idiiiiDGpppp]	
8	AC Fail	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa AC FAILURE +++ACC aaaa AREA=aa h1rrlsssssssaaaasPssssst <header>[#aaaa|NriaaAT]	
9	AC Fail (No Area)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa AC FAILURE h1rrlsssssssaaaasPssssst <header>[#aaaa|NAT]	
10	AC Restoral	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa AC RESTORAL +++ACC aaaa AREA=aa h1rrlsssssssaaaasRsss0t <header>[#aaaa|NriaaAR]	
11	AC Restoral (No Area)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa AC RESTORAL h1rrlsssssssaaaasRsss0t <header>[#aaaa|NAR]	
12	Alarm from Recent Closing (2 min of close) (No User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa ALARM REPORT +++ACC aaaa RECENT CLOSING +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaasAsppppt <header>[#aaaa|NriaCRppp]	
13	Alarm from Recent Closing (2 min of close)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa ALARM REPORT +++ACC aaaa RECENT CLOSING +++ACC aaaa AREA=a ID=iii POINT=ppp h1rrlsssssssaaaasAsppppt <header>[#aaaa|Nria/idiiiCRppp]	
14	Alarm from Recent Closing (2 min of close) (No User / 4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa ALARM REPORT +++ACC aaaa RECENT CLOSING +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaasAppppt <header>[#aaaa|NriaaCRpppp]	

Table 98: Modem4/ModemIIIa² Messages

	Event	Device/Mode	Display/Explanation	Comments
15	Alarm from Recent Closing (2 min of close) (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa ALARM REPORT +++ACC aaaa RECENT CLOSING +++ACC aaaa AREA=aa ID=iii POINT=pppp h1rrlsssssssaaaasAppppt <header>[#aaaa|Nriaa/idiiiCRpppp]	
16	Alarm from Recent Closing (2 min of close) (4-digit User / Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa ALARM REPORT +++ACC aaaa RECENT CLOSING +++ACC aaaa AREA=aa ID=iiii POINT=pppp h1rrlsssssssaaaasAppppt <header>[#aaaa|Nriaa/idiiiiCRpppp]	
17	Alarm from Recent Closing / Ground Fault (2 min of close) (No User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa ALARM REPORT +++ACC aaaa RECENT CLOSING +++ACC aaaa GROUND FAULT +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaasAsppppt <header>[#aaaa|NriaCRppp]	
18	Alarm from Recent Closing / Ground Fault (2 min of close)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa ALARM REPORT +++ACC aaaa RECENT CLOSING +++ACC aaaa GROUND FAULT +++ACC aaaa AREA=a ID=iii POINT=ppp h1rrlsssssssaaaasAsppppt <header>[#aaaa|Nria/idiiiCRppp]	
19	Alarm from Recent Closing / Ground Fault (2 min of close) (No User / 4-digit point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa ALARM REPORT +++ACC aaaa RECENT CLOSING +++ACC aaaa GROUND FAULT +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaasAppppt <header>[#aaaa|NriaaCRpppp]	
20	Alarm from Recent Closing / Ground Fault (2 min of close) (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa ALARM REPORT +++ACC aaaa RECENT CLOSING +++ACC aaaa GROUND FAULT +++ACC aaaa AREA=aa ID=iii POINT=pppp h1rrlsssssssaaaasAppppt <header>[#aaaa|Nriaa/idiiiCRpppp]	
21	Alarm from Recent Closing / Ground Fault (2 min of close) (4-digit User / Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa ALARM REPORT +++ACC aaaa RECENT CLOSING +++ACC aaaa GROUND FAULT +++ACC aaaa AREA=aa ID=iiii POINT=pppp h1rrlsssssssaaaasAppppt <header>[#aaaa|Nriaa/idiiiiCRpppp]	
22	Alarm Cross Point	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa ALARM REPORT +++ACC aaaa CROSS POINT +++ACC aaaa AREA=a CG=gg POINT=ppp h1rrlsssssssaaaasAsppppt <header>[#aaaa|NriaBMppp]	
23	Alarm Cross Point (No Area)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa ALARM REPORT +++ACC aaaa CROSS POINT +++ACC aaaa POINT=ppp h1rrlsssssssaaaasAsppppt <header>[#aaaa|NBMppp]	
24	Alarm Cross Point (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa ALARM REPORT +++ACC aaaa CROSS POINT +++ACC aaaa AREA=aa CG=gg POINT=pppp h1rrlsssssssaaaasAppppt <header>[#aaaa|NriaaBMpppp]	
25	Alarm Cross Point / Ground Fault	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa ALARM REPORT +++ACC aaaa CROSS POINT, GROUND FAULT +++ACC aaaa AREA=a CG=gg POINT=ppp h1rrlsssssssaaaasAsppppt <header>[#aaaa|NriaBMppp]	
26	Alarm Cross Point / Ground Fault (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa ALARM REPORT +++ACC aaaa CROSS POINT, GROUND FAULT +++ACC aaaa AREA=aa CG=gg POINT=pppp h1rrlsssssssaaaasAppppt <header>[#aaaa|NriaaBMpppp]	
27	Alarm Door Forced	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa ALARM REPORT +++ACC aaaa DOOR FORCED +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaasAsppppt <header>[#aaaa|NriaDFppp]	

Table 98: Modem4/ModemIIIa² Messages

	Event	Device/Mode	Display/Explanation	Comments
28	Alarm Door Forced (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa ALARM REPORT +++ACC aaaa DOOR FORCED +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaasAppppt <header>[#aaaa|NriaaDFpppp]	
29	Alarm Exit Error (No User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa ALARM REPORT +++ACC aaaa EXIT ERROR +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaasAspppt <header>[#aaaa|NriaEAppp]	
30	Alarm Exit Error (No user / 4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa ALARM REPORT +++ACC aaaa EXIT ERROR +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaasAppppt <header>[#aaaa|NriaaEApppp]	
31	Alarm Exit Error (No Area)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa ALARM REPORT +++ACC aaaa EXIT ERROR +++ACC aaaa ID=iii POINT=ppp h1rrlssssssaaaasAspppt <header>[#aaaa|NidiiiEAppp]	
32	Alarm Exit Error	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa ALARM REPORT +++ACC aaaa EXIT ERROR +++ACC aaaa AREA=a ID=iii POINT=ppp h1rrlssssssaaaasAspppt <header>[#aaaa|Nria/idiiiEAppp]	
33	Alarm Exit Error (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa ALARM REPORT +++ACC aaaa EXIT ERROR +++ACC aaaa AREA=aa ID=iii POINT=pppp h1rrlssssssaaaasAppppt <header>[#aaaa|Nriaa/idiiiEApppp]	
34	Alarm Exit Error (4-digit User / Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa ALARM REPORT +++ACC aaaa EXIT ERROR +++ACC aaaa AREA=aa ID=iiii POINT=pppp h1rrlssssssaaaasAppppt <header>[#aaaa|Nriaa/idiiiiEApppp]	
35	Alarm Exit Error / Ground Fault	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa ALARM REPORT +++ACC aaaa EXIT ERROR, GROUND FAULT +++ACC aaaa AREA=a ID=iii POINT=ppp h1rrlssssssaaaasAspppt <header>[#aaaa|Nria/idiiiEAppp]	
36	Alarm Exit Error / Ground Fault (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa ALARM REPORT +++ACC aaaa EXIT ERROR, GROUND FAULT +++ACC aaaa AREA=aa ID=iii POINT=pppp h1rrlssssssaaaasAppppt <header>[#aaaa|Nriaa/idiiiEApppp]	
37	Alarm Exit Error / Ground Fault (4-digit User / Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa ALARM REPORT +++ACC aaaa EXIT ERROR, GROUND FAULT +++ACC aaaa AREA=aa ID=iiii POINT=pppp h1rrlssssssaaaasAppppt <header>[#aaaa|Nriaa/idiiiiEApppp]	
38	Alarm Exit Error / Ground Fault (No user)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa ALARM REPORT +++ACC aaaa EXIT ERROR, GROUND FAULT +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaasAsppppt <header>[#aaaa|NriaEAppp]	
39	Alarm Exit Error / Ground Fault (No user / 4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa ALARM REPORT +++ACC aaaa EXIT ERROR, GROUND FAULT +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaasAppppt <header>[#aaaa|NriaaEApppp]	
40	Alarm Silenced (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa ALARM SILENCED +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaaFSppppt <header>[#aaaa|NriaaFLpppp]	
41	Analog Restoral / Sensor Dirty	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa ALL PTS TESTED h1rrlsssssssaaaasRsssFt <header>[#aaaa|NTC]	
42	Analog Restoral	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa ANALOG RESTORE +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaasRsppppt <header>[#aaaa|NriaANppp]	

Table 98: Modem4/ModemIIIa² Messages

	Event	Device/Mode	Display/Explanation	Comments
43	Analog Restoral / Sensor Dirty	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa ANALOG RESTORE +++ACC aaaa SENSOR DIRTY +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaasRsppt <header>[#aaaa|NriaANppp]	
44	Analog Restoral (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa ANALOG RESTORE +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaasRppppt <header>[#aaaa|NriaaANpppp]	
45	Analog Restoral / Sensor Dirty (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa ANALOG RESTORE +++ACC aaaa SENSOR DIRTY +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaasRppppt <header>[#aaaa|NriaaANpppp]	
46	Analog Service	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa ANALOG SERVICE +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaasTsppt <header>[#aaaa|NriaASppp]	
47	Analog Service / Dirty Sensor	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa ANALOG SERVICE +++ACC aaaa SENSOR DIRTY +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaasTsppt <header>[#aaaa|NriaASppp]	
48	Analog Service (Level & Value)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa ANALOG SERVICE +++ACC aaaa AREA=a POINT=ppp +++ACC aaaa LEVEL=lll VALUE=vvv h1rrlssssssaaaasTsppt <header>[#aaaa|Nria/lvlll/vavvvASppp]	
49	Analog Service (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa ANALOG SERVICE +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaasTppppt <header>[#aaaa|NriaaASpppp]	
50	Analog Service / Dirty Sensor (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa ANALOG SERVICE +++ACC aaaa SENSOR DIRTY +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaasTppppt <header>[#aaaa|NriaaASpppp]	
51	Analog Service (4-digit Point) (Level & Value)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa ANALOG SERVICE +++ACC aaaa AREA=aa POINT=pppp +++ACC aaaa LEVEL=lll VALUE=vvv h1rrlssssssaaaasTppppt <header>[#aaaa|Nriaa/lvlll/vavvvASpppp]	
52	Area Watch Ended (No user)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa WATCH MODE END +++ACC aaaa AREA=a h1rrlssssssaaaasNsD52t <header>[#aaaa|NriaTZ]	
53	Area Watch Ended	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa WATCH MODE END +++ACC aaaa AREA=a ID=iii h1rrlssssssaaaasNsD52t <header>[#aaaa|Nria/idiiiTZ]	
54	Area Watch Ended (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa WATCH MODE END +++ACC aaaa AREA=aa ID=iiii h1rrlssssssaaaasNsD52t <header>[#aaaa|Nriaa/idiiiiTZ]	
55	Area Watch Started (No user)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa WATCH START +++ACC aaaa AREA=a h1rrlssssssaaaasNsD51t <header>[#aaaa|NriaTW]	
56	Area Watch Started	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa WATCH START +++ACC aaaa AREA=a ID=iii h1rrlssssssaaaasNsD51t <header>[#aaaa|Nria/idiiiTW]	
57	Area Watch Started (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa WATCH START +++ACC aaaa AREA=aa ID=iiii h1rrlssssssaaaasNsD51t <header>[#aaaa|Nriaa/idiiiiTW]	
58	Battery Low (System)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa BATTERY LOW h1rrlssssssaaaasTsss9t <header>[#aaaa|NYT]	
59	Battery Low (Area Specific)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa BATTERY LOW +++ACC aaaa AREA=aa h1rrlssssssaaaasTsss9t <header>[#aaaa|NriaaYT]	

Table 98: Modem4/ModemIIIa² Messages

	Event	Device/Mode	Display/Explanation	Comments
60	Battery Missing (System)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa BATTERY MISSING h1rrlsssssssaaaasTsss9t <header>[#aaaa|NYM]	
61	Battery Restoral (System)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa BATTERY RESTORE h1rrlsssssssaaaasRsss9t <header>[#aaaa|NYR]	
62	Battery Restoral (Area Specific)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa BATTERY RESTORE +++ACC aaaa AREA=aa h1rrlsssssssaaaasRsss9t <header>[#aaaa|NriaaYR]	
63	Battery Trouble	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa BATTERY TROUBLE h1rrlsssssssaaaasTsss9t <header>[#aaaa|NYT]	New Message
64	Battery Trouble (Device Specific)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa BATTERY TROUBLE +++ACC aaaa SDI=dddd h1rrlsssssssaaaasTsss9t <header>[#aaaa|NpiddddYT]	New Message
65	Battery Trouble Restoral	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa BATT TRBL REST h1rrlsssssssaaaasRsss9t <header>[#aaaa|NYR]	New Message
66	Battery Trouble Restoral (Device Specific)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa BATT TRBL REST +++ACC aaaa SDI=dddd h1rrlsssssssaaaasRsss9t <header>[#aaaa|NpiddddYR]	New Message
67	Bypass Restore (No Area)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa BYPASS RESTORE +++ACC aaaa POINT=ppp h1rrlsssssssaaaaRBspppt <header>[#aaaa|NUUppp]	
68	Bypass Restore	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa BYPASS RESTORE +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaaRBspppt <header>[#aaaa|NriaUUppp]	
69	Bypass Restore (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa BYPASS RESTORE +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaaRBppppt <header>[#aaaa|NriaaUUpppp]	
70	Bypass Restore / Fire Point (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa BYPASS RESTORE +++ACC aaaa FIRE POINT +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaaRBppppt <header>[#aaaa|NriaaFUpppp]	
71	Bypass Restore / Supervisory Point (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa BYPASS RESTORE +++ACC aaaa SUPERVISORY POINT +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaaRBppppt <header>[#aaaa|NriaaSUpppp]	
72	Bypass Restore / Waterflow Point (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa BYPASS RESTORE +++ACC aaaa WATERFLOW POINT +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaaRBppppt <header>[#aaaa|NriaaWUpppp]	
73	Cancel Alarm (No Area)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa CANCEL ALARM +++ACC aaaa ID=iii h1rrlsssssssaaaas\siiit <header>[#aaaa|NidiiiBC]	
74	Cancel Alarm	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa CANCEL ALARM +++ACC aaaa AREA=a ID=iii h1rrlsssssssaaaas\siiit <header>[#aaaa|Nria/idiiiBC]	
75	Cancel Alarm (No User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa CANCEL ALARM +++ACC aaaa AREA=a h1rrlsssssssaaaas\sssst <header>[#aaaa|NriaBC]	
76	Cancel Alarm (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa CANCEL ALARM +++ACC aaaa AREA=aa ID=iiii h1rrlsssssssaaaas\iiiit <header>[#aaaa|Nriaa/idiiiiBC]	
77	Card Assigned by Programmer	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa CARD ASSIGNED +++ACC aaaa BY PROGRAMMER +++ACC aaaa CRD=iii-x SDI=ddd h1rrlsssssssaaaasNsD30t <header>[#aaaa|NpidddDAiii]	

Table 98: Modem4/ModemIIIa² Messages

	Event	Device/Mode	Display/Explanation	Comments
78	Card Assigned by Programmer (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa CARD ASSIGNED +++ACC aaaa BY PROGRAMMER +++ACC aaaa CRD=iiii SDI=ddd h1rrlssssssaaaasNsD30t <header>[#aaaa|NpidddDAiiii]	
79	Card Assigned by Remote	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa CARD ASSIGNED +++ACC aaaa BY REMOTE +++ACC aaaa CRD=iii-x h1rrlssssssaaaasNsD30t <header>[#aaaa|NDAiii]	
80	Card Assigned by Remote (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa CARD ASSIGNED +++ACC aaaa BY REMOTE +++ACC aaaa CRD=iiii h1rrlssssssaaaasNsD30t <header>[#aaaa|NDAiiii]	
81	Card Assigned by User	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa CARD ASSIGNED +++ACC aaaa BY USER +++ACC aaaa CRD=iii-x ID=iii h1rrlssssssaaaasNsD30t <header>[#aaaa|NidiiiDAiii]	
82	Card Assigned by User (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa CARD ASSIGNED +++ACC aaaa BY USER +++ACC aaaa CRD=iiii ID=iiii h1rrlssssssaaaasNsD30t <header>[#aaaa|NidiiiDAiiii]	
83	Card Assigned by User (No User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa CARD ASSIGNED +++ACC aaaa BY USER h1rrlssssssaaaasNsD30t <header>[#aaaa|NDA]	
84	Card Deleted by User (No User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa CARD DELETED +++ACC aaaa BY USER h1rrlssssssaaaasNsD31t <header>[#aaaa|NDB]	
85	Card Deleted by User	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa CARD DELETED +++ACC aaaa BY USER +++ACC aaaa CRD=iii-x ID=iii h1rrlssssssaaaasNsD31t <header>[#aaaa|NidiiiDBiii]	
86	Card Deleted by User (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa CARD DELETED +++ACC aaaa BY USER +++ACC aaaa CRD=iiii ID=iiii h1rrlssssssaaaasNsD31t <header>[#aaaa|NidiiiiDBiiii]	
87	Card Deleted by Programmer	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa CARD DELETED +++ACC aaaa BY PROGRAMMER +++ACC aaaa CRD=iii-x SDI=ddd h1rrlssssssaaaasNsD31t <header>[#aaaa|NpidddDBiii]	
88	Card Deleted by Programmer (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa CARD DELETED +++ACC aaaa BY PROGRAMMER +++ACC aaaa CRD=iiii SDI=ddd h1rrlssssssaaaasNsD31t <header>[#aaaa|NpidddDBiiii]	
89	Card Deleted by Remote	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa CARD DELETED +++ACC aaaa BY REMOTE +++ACC aaaa CRD=iii-x h1rrlssssssaaaasNsD31t <header>[#aaaa|NDBiii]	
90	Card Deleted by Remote (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa CARD DELETED +++ACC aaaa BY REMOTE +++ACC aaaa CRD=iiii h1rrlssssssaaaasNsD31t <header>[#aaaa|NDBiiii]	
91	Checksum Fail	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa CHECKSUM FAIL h1rrlssssssaaaasAsD12t <header>[#aaaa|NYX]	
92	Checksum Fail (Device Specific)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa CHECKSUM FAIL +++ACC aaaa SDI=ddd h1rrlssssssaaaasAsD12t <header>[#aaaa|NpidddYX]	

Table 98: Modem4/ModemIIIa² Messages

	Event	Device/Mode	Display/Explanation	Comments
93	Closing by Account (No Area)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa CLOSING REPORT +++ACC aaaa ID=iii h1rrlssssssaaaasCsiiit <header>[#aaaa|NidiiiCL]	
94	Closing by Area	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa CLOSING REPORT +++ACC aaaa AREA=a ID=iii h1rrlssssssaaaasCsiiit <header>[#aaaa|Nria/idiiiCL]	
95	Closing by Area (No User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa CLOSING REPORT +++ACC aaaa AREA=a h1rrlsssssssaaaasCssssst <header>[#aaaa|NriaCL]	
96	Closing by Area (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa CLOSING REPORT +++ACC aaaa AREA=aa ID=iiii h1rrlsssssssaaaasCiiiit <header>[#aaaa|Nriaa/idiiiiCL]	
97	Closing Early by Area	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa CLOSING EARLY +++ACC aaaa AREA=a ID=iii h1rrlssssssaaaasCsiiit <header>[#aaaa|Nria/idiiiCK]	
98	Closing Early by Area (No User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa CLOSING EARLY +++ACC aaaa AREA=a h1rrlsssssssaaaasCssssst <header>[#aaaa|NriaCK]	
99	Closing Early by Area (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa CLOSING EARLY +++ACC aaaa AREA=aa ID=iiii h1rrlsssssssaaaasCiiiit <header>[#aaaa|Nriaa/idiiiiCK]	
100	Closing Late by Area	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa CLOSING LATE +++ACC aaaa AREA=a ID=iii h1rrlssssssaaaasCsiiit <header>[#aaaa|Nria/idiiiCJ]	
101	Closing Late by Area (No User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa CLOSING LATE +++ACC aaaa AREA=a h1rrlsssssssaaaasCssssst <header>[#aaaa|NriaCJ]	
102	Closing Late by Area (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa CLOSING LATE +++ACC aaaa AREA=aa ID=iiii h1rrlsssssssaaaasCiiiit <header>[#aaaa|Nriaa/idiiiiCJ]	
103	Command Bypass	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa COMMAND BYPASS +++ACC aaaa AREA=a ID=iii POINT=ppp h1rrlsssssssaaaasNspppt <header>[#aaaa|Nria/idiiiUBppp]	
104	Command Bypas (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa COMMAND BYPASS +++ACC aaaa AREA=a ID=iiii POINT=ppp h1rrlsssssssaaaasNspppt <header>[#aaaa|Nria/idiiiiUBppp]	
105	Command Bypas (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa COMMAND BYPASS +++ACC aaaa AREA=aa ID=iii POINT=pppp h1rrlsssssssaaaasNppppt <header>[#aaaa|Nriaa/idiiiUBpppp]	
106	Command Bypas (4-digit User / Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa COMMAND BYPASS +++ACC aaaa AREA=aa ID=iiii POINT=pppp h1rrlsssssssaaaasNppppt <header>[#aaaa|Nriaa/idiiiiUBpppp]	
107	Comm Fail / Phone Line	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa COMM FAIL +++ACC aaaa PH#=hh h1rrlsssssssaaaasTsB01t <header>[#aaaa|NphhhYC]	
108	Comm Fail / Route Group	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa COMM FAIL +++ACC aaaa RG=g h1rrlsssssssaaaasTsB01t <header>[#aaaa|NrggYC]	
109	Comm Fail / Route Group (Device Specific)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa COMM FAIL +++ACC aaaa RG=g SDI=ddd h1rrlsssssssaaaasTsB01t <header>[#aaaa|Nrgg/pidddYC]	
110	Comm Fail Restoral / Phone Line	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa COMM FAIL RESTR +++ACC aaaa PH#=hh h1rrlsssssssaaaasNsB01t <header>[#aaaa|NphhhYK]	

Table 98: Modem4/ModemIIIa² Messages

	Event	Device/Mode	Display/Explanation	Comments
111	Comm Fail Restoral / Route Group	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa COMM FAIL RESTR +++ACC aaaa RG=g h1rrlssssssaaaasNsB01t <header>[#aaaa|NrggYK]	
112	Comm Fail Restoral / Route Group (Device Specific)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa COMM FAIL RESTR +++ACC aaaa RG=g SDI=ddd h1rrlssssssaaaasNsB01t <header>[#aaaa|Nrgg/pidddYK]	
113	Comm Trouble / Phone Line	Printer : D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa COMM TROUBLE +++ACC aaaa PH#=hh h1rrlssssssaaaasTsB01t <header>[#aaaa|NphhhYS]	
114	Comm Trouble / Route Group (Device Specific)	Printer : D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa COMM TROUBLE +++ACC aaaa RG=g SDI=ddd h1rrlssssssaaaasTsB01t <header>[#aaaa|Nrgg/pidddYS]	
115	Comm Trouble Restoral / Phone Line	Printer : D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa COMM TRBL RESTR +++ACC aaaa PH#=hh h1rrlssssssaaaasNsB01t <header>[#aaaa|NphhhYK]	
116	Comm Trouble Restoral / Route Group (Device Specific)	Printer : D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa COMM TRBL RESTR +++ACC aaaa RG=g SDI=ddd h1rrlssssssaaaasNsB01t <header>[#aaaa|Nrgg/pidddYK]	
117	Create Status Report	Printer : D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa STATUS REPORT h1rrlssssssaaaasSssssst <header>[#aaaa|NYY]	
118	Custom Function by Custom Fuction	Printer : D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa CUSTOM FUNCTION +++ACC aaaa BY CUSTOM FUNCTION +++ACC aaaa CUST.FX=fff AREA=aa ICF=fff h1rrlssssssaaaasNsD39t <header>[#aaaa|Nriaa/cfffCXfff]	
119	Custom Function by SKED	Printer : D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa CUSTOM FUNCTION +++ACC aaaa BY SKED +++ACC aaaa CUST.FX=fff AREA=aa SKED=kkk h1rrlssssssaaaasNsD39t <header>[#aaaa|Nriaa/aikkkCXfff]	
120	Custom Function by User	Printer : D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa CUSTOM FUNCTION +++ACC aaaa BY USER +++ACC aaaa CUST.FX=fff AREA=aa ID=iii h1rrlssssssaaaasNsD39t <header>[#aaaa|Nriaa/idiiiCXfff]	
121	Custom Function by User (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa CUSTOM FUNCTION +++ACC aaaa BY USER +++ACC aaaa CUST.FX=fff AREA=aa ID=iiii h1rrlssssssaaaasNsD39t <header>[#aaaa|Nriaa/idiiiiCXfff]	
122	Custom Function by User (No User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa CUSTOM FUNCTION +++ACC aaaa BY USER +++ACC aaaa CUST.FX=fff AREA=aa h1rrlssssssaaaasNsD39t <header>[#aaaa|NriaaCXfff]	
123	Date Changed by User	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DATE CHANGED +++ACC aaaa ID=iii h1rrlssssssaaaasNsD07t <header>[#aaaa|NidiiiJD]	
124	Date Changed	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DATE CHANGED h1rrlssssssaaaasNsD07t <header>[#aaaa|NJD]	
125	Date Changed by User (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DATE CHANGED +++ACC aaaa ID=iiii h1rrlssssssaaaasNsD07t <header>[#aaaa|NidiiiiJD]	
126	Door Closed / Restoral	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa REST-DR CLOSED +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaasRspppt <header>[#aaaa|NriaDHppp]	
127	Door Closed / Restoral (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa REST-DR CLOSED +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaasRppppt <header>[#aaaa|NriaaDHpppp]	

Table 98: Modem4/ModemIIIa² Messages

	Event	Device/Mode	Display/Explanation	Comments
128	Door Cycled	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR CYCLED +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaaAGspppt <header>[#aaaa|NriaDGppp]	
129	Door Cycled by Programmer	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR CYCLED +++ACC aaaa BY PROGRAMMER +++ACC aaaa AREA=a POINT=ppp SDI=ddd h1rrlsssssssaaaaAGspppt <header>[#aaaa|Nria/pidddDGppp]	
130	Door Cycled by Programmer (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR CYCLED +++ACC aaaa BY PROGRAMMER +++ACC aaaa AREA=aa POINT=pppp SDI=ddd h1rrlsssssssaaaaAGppppt <header>[#aaaa|Nriaa/pidddDGpppp]	
131	Door Cycled by Remote	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR CYCLED +++ACC aaaa BY REMOTE +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaaAGspppt <header>[#aaaa|NriaDGppp]	
132	Door Cycled by Remote (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR CYCLED +++ACC aaaa BY REMOTE +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaaAGppppt <header>[#aaaa|NriaaDGpppp]	
133	Door Cycled by User	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR CYCLED +++ACC aaaa BY USER +++ACC aaaa AREA=a ID=iii POINT=ppp h1rrlsssssssaaaaAGspppt <header>[#aaaa|Nria/idiiiDGppp]	
134	Door Cycled by User (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR CYCLED +++ACC aaaa BY USER +++ACC aaaa AREA=a ID=iiii POINT=ppp h1rrlsssssssaaaaAGspppt <header>[#aaaa|Nria/idiiiiDGppp]	
135	Door Cycled by User (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR CYCLED +++ACC aaaa BY USER +++ACC aaaa AREA=aa ID=iii POINT=pppp h1rrlsssssssaaaaAGppppt <header>[#aaaa|Nriaa/idiiiDGpppp]	
136	Door Cycled by User (4-digit User / Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR CYCLED +++ACC aaaa BY USER +++ACC aaaa AREA=aa ID=iiii POINT=pppp h1rrlsssssssaaaaAGppppt <header>[#aaaa|Nriaa/idiiiiDGpppp]	
137	Door Cycled by User (No User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR CYCLED +++ACC aaaa BY USER +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaaAGspppt <header>[#aaaa|NriaDGppp]	
138	Door Locked / Automatic	Printer : D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR LOCKED +++ACC aaaa AUTOMATIC +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaaALspppt <header>[#aaaa|NriaDYppp]	
139	Door Locked / Automatic (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR LOCKED +++ACC aaaa AUTOMATIC +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaaALppppt <header>[#aaaa|NriaaDYpppp]	
140	Door Locked by Programmer	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR LOCKED +++ACC aaaa BY PROGRAMMER +++ACC aaaa AREA=a POINT=ppp SDI=ddd h1rrlsssssssaaaaALspppt <header>[#aaaa|Nria/pidddDYppp]	
141	Door Locked by Programmer (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR LOCKED +++ACC aaaa BY PROGRAMMER +++ACC aaaa AREA=aa POINT=pppp SDI=ddd h1rrlsssssssaaaaALppppt <header>[#aaaa|Nriaa/pidddDYpppp]	

Table 98: Modem4/ModemIIIa² Messages

	Event	Device/Mode	Display/Explanation	Comments
142	Door Locked by Remote	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR LOCKED +++ACC aaaa BYREMOTE +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaaALspppt <header>[#aaaa|NriaDYppp]	
143	Door Locked by Remote (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR LOCKED +++ACC aaaa BY REMOTE +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaaALppppt <header>[#aaaa|NriaaDYpppp]	
144	Door Locked by SKED	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR LOCKED +++ACC aaaa BY SKED +++ACC aaaa AREA=a POINT=ppp SKED=kkk h1rrlssssssaaaaALspppt <header>[#aaaa|Nria/aikkkDYppp]	
145	Door Locked by SKED (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR LOCKED +++ACC aaaa BY SKED +++ACC aaaa AREA=aa POINT=pppp SKED=kkk h1rrlssssssaaaaALppppt <header>[#aaaa|Nriaa/aikkkDYpppp]	
146	Door Locked by User	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR LOCKED +++ACC aaaa BY USER +++ACC aaaa AREA=a ID=iii POINT=ppp h1rrlssssssaaaaALspppt <header>[#aaaa|Nria/idiiiDYppp]	
147	Door Locked by User (4-digit Point)	Printer : D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR LOCKED +++ACC aaaa BY USER +++ACC aaaa AREA=aa ID=iii POINT=pppp h1rrlssssssaaaaALppppt <header>[#aaaa|Nriaa/idiiiDYpppp]	
148	Door Locked by User (4-digit User / Point)	Printer : D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR LOCKED +++ACC aaaa BY USER +++ACC aaaa AREA=aa ID=iiii POINT=pppp h1rrlssssssaaaaALppppt <header>[#aaaa|Nriaa/idiiiiDYppppp]	
149	Door Locked by User (No User)	Printer : D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR LOCKED +++ACC aaaa BY USER +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaaALspppt <header>[#aaaa|NriaDYppp]	
150	Door Locked by User (No User / 4-digit Point)	Printer : D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR LOCKED +++ACC aaaa BY USER +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaaALppppt <header>[#aaaa|NriaaDYpppp]	
151	Door Locked (4-digit Point)	Printer : D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR LOCKED +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaaALppppt <header>[#aaaa|NriaaDYpppp]	
152	Door Request To Enter	Printer : D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa REQUEST TO ENTR +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaaAGspppt <header>[#aaaa|NriaDEppp]	
153	Door Request To Enter (4-digit Point)	Printer : D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa REQUEST TO ENTR +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaaAGppppt <header>[#aaaa|NriaaDEpppp]	
154	Door Request To Exit	Printer : D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa REQUEST TO EXIT +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaaAGspppt <header>[#aaaa|NriaDXppp]	
155	Door Request To Exit (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa REQUEST TO EXIT +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaaAGppppt <header>[#aaaa|NriaaDXpppp]	
156	Door Request To Enter Denied (Door Secured)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa REQUEST TO ENTR +++ACC aaaa DENIED-DOOR SECURED +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaaADspppt <header>[#aaaa|NriaDKppp]	

Table 98: Modem4/ModemIIIa² Messages

	Event	Device/Mode	Display/Explanation	Comments
157	Door Request To Enter Denied (Door Secured) (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa REQUEST TO ENTR +++ACC aaaa DENIED-DOOR SECURED +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaaADppppt <header>[#aaaa|NriaaDKpppp]	
158	Door Request To Enter Denied (Interlock)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa REQUEST TO ENTR +++ACC aaaa DENIED-INTERLOCK +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaaADspppt <header>[#aaaa|NriaDKppp]	
159	Door Request To Enter Denied (Interlock) (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa REQUEST TO ENTR +++ACC aaaa DENIED-INTERLOCK +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaaADppppt <header>[#aaaa|NriaaDKpppp]	
160	Door Request To Exit Denied (Door Secured)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa REQUEST TO EXIT +++ACC aaaa DENIED-DOOR SECURED +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaaADspppt <header>[#aaaa|NriaDKppp]	
161	Door Request To Exit Denied (Door Secured) (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa REQUEST TO EXIT +++ACC aaaa DENIED-DOOR SECURED +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaaADppppt <header>[#aaaa|NriaaDKpppp]	
162	Door Request To Exit Denied (Interlock)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa REQUEST TO EXIT +++ACC aaaa DENIED-INTERLOCK +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaaADspppt <header>[#aaaa|NriaDKppp]	
163	Door Request To Exit Denied (Interlock) (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa REQUEST TO EXIT +++ACC aaaa DENIED-INTERLOCK +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaaADppppt <header>[#aaaa|NriaaDKpppp]	
164	Door Secured	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR SECURED +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaaASspppt <header>[#aaaa|NriaDCppp]	
165	Door Secured (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR SECURED +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaaASppppt <header>[#aaaa|NriaaDCpppp]	
166	Door Secured / Automatic	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR SECURED +++ACC aaaa AUTOMATIC +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaaASspppt <header>[#aaaa|NriaDCppp]	
167	Door Secured / Automatic (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR SECURED +++ACC aaaa AUTOMATIC +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaaASppppt <header>[#aaaa|NriaaDCpppp]	
168	Door Secured by Programmer	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR SECURED +++ACC aaaa BY PROGRAMMER +++ACC aaaa AREA=a POINT=ppp SDI=ddd h1rrlssssssaaaaASspppt <header>[#aaaa|Nria/pidddDCppp]	
169	Door Secured by Programmer (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR SECURED +++ACC aaaa BY PROGRAMMER +++ACC aaaa AREA=aa POINT=pppp SDI=ddd h1rrlssssssaaaaASppppt <header>[#aaaa|Nriaa/pidddDCpppp]	
170	Door Secured by Remote	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR SECURED +++ACC aaaa BY REMOTE +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaaASspppt <header>[#aaaa|NriaDCppp]	
171	Door Secured by Remote (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR SECURED +++ACC aaaa BY REMOTE +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaaASppppt <header>[#aaaa|NriaaDCpppp]	

Table 98: Modem4/ModemIIIa² Messages

	Event	Device/Mode	Display/Explanation	Comments
172	Door Secured by SKED	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR SECURED +++ACC aaaa BY SKED +++ACC aaaa AREA=a POINT=ppp SKED=kkk h1rrlssssssaaaaASspppt <header>[#aaaa|Nria/aikkkDCppp]	
173	Door Secured by SKED (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR SECURED +++ACC aaaa BY SKED +++ACC aaaa AREA=aa POINT=pppp SKED=kkk h1rrlssssssaaaaASspppt <header>[#aaaa|Nriaa/aikkkDCpppp]	
174	Door Secured by User	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR SECURED +++ACC aaaa BY USER +++ACC aaaa AREA=a ID=iii POINT=ppp h1rrlssssssaaaaASspppt <header>[#aaaa|Nria/idiiiDCppp]	
175	Door Secured by User (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR SECURED +++ACC aaaa BY USER +++ACC aaaa AREA=a ID=iiii POINT=ppp h1rrlssssssaaaaASspppt <header>[#aaaa|Nria/idiiiiDCppp]	
176	Door Secured by User (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR SECURED +++ACC aaaa BY USER +++ACC aaaa AREA=aa ID=iii POINT=pppp h1rrlssssssaaaaASspppt <header>[#aaaa|Nriaa/idiiiDCpppp]	
177	Door Secured by User (4-digit User / Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR SECURED +++ACC aaaa BY USER +++ACC aaaa AREA=aa ID=iiii POINT=pppp h1rrlssssssaaaaASspppt <header>[#aaaa|Nriaa/idiiiiDCpppp]	
178	Door Secured by User (No User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR SECURED +++ACC aaaa BY USER +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaaASspppt <header>[#aaaa|NriaDCppp]	
179	Door Secured by User (No User / 4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR SECURED +++ACC aaaa BY USER +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaaASspppt <header>[#aaaa|NriaaDCpppp]	
180	Door Unlocked	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR UNLOCKED +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaaAUspppt <header>[#aaaa|NriaDOppp]	
181	Door Unlocked (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR UNLOCKED +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaaAUspppt <header>[#aaaa|NriaaDOpppp]	
182	Door Unlocked / Automatic	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR UNLOCKED +++ACC aaaa AUTOMATIC +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaaAUspppt <header>[#aaaa|NriaDOppp]	
183	Door Unlocked / Automatic (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR UNLOCKED +++ACC aaaa AUTOMATIC +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaaAUspppt <header>[#aaaa|NriaaDOpppp]	
184	Door Unlocked by Programmer	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR UNLOCKED +++ACC aaaa BY PROGRAMMER +++ACC aaaa AREA=a POINT=ppp SDI=ddd h1rrlssssssaaaaAUspppt <header>[#aaaa|Nria/pidddDOppp]	
185	Door Unlocked by Programmer (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR UNLOCKED +++ACC aaaa BY PROGRAMMER +++ACC aaaa AREA=aa POINT=pppp SDI=ddd h1rrlssssssaaaaAUspppt <header>[#aaaa|Nriaa/pidddDOpppp]	
186	Door Unlocked by Remote	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR UNLOCKED +++ACC aaaa BY REMOTE +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaaAUspppt <header>[#aaaa|NriaDOppp]	

Table 98: Modem4/ModemIIIa² Messages

	Event	Device/Mode	Display/Explanation	Comments
187	Door Unlocked by Remote (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR UNLOCKED +++ACC aaaa BY REMOTE +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaaAUppppt <header>[#aaaa|NriaaDOpppp]	
188	Door Unlocked by SKED	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR UNLOCKED +++ACC aaaa BY SKED +++ACC aaaa AREA=a POINT=ppp SKED=kkk h1rrlsssssssaaaaAUsppptt <header>[#aaaa|Nria/aikkkDOppp]	
189	Door Unlocked by SKED (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR UNLOCKED +++ACC aaaa BY SKED +++ACC aaaa AREA=aa POINT=pppp SKED=kkk h1rrlsssssssaaaaAUppppt <header>[#aaaa|Nriaa/aikkkDOpppp]	
190	Door Unlocked by User	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR UNLOCKED +++ACC aaaa BY USER +++ACC aaaa AREA=a ID=iii POINT=ppp h1rrlsssssssaaaaAUsppptt <header>[#aaaa|Nria/idiiiDOppp]	
191	Door Unlocked by User (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR UNLOCKED +++ACC aaaa BY USER +++ACC aaaa AREA=a ID=iiii POINT=ppp h1rrlsssssssaaaaAUsppptt <header>[#aaaa|Nria/idiiiiDOppp]	
192	Door Unlocked by User (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR UNLOCKED +++ACC aaaa BY USER +++ACC aaaa AREA=aa ID=iii POINT=pppp h1rrlsssssssaaaaAUppppt <header>[#aaaa|Nriaa/idiiiDOpppp]	
193	Door Unlocked by User (4-digit User / Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR UNLOCKED +++ACC aaaa BY USER +++ACC aaaa AREA=aa ID=iiii POINT=pppp h1rrlsssssssaaaaAUppppt <header>[#aaaa|Nriaa/idiiiiDOpppp]	
194	Door Unlocked by User (No User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR UNLOCKED +++ACC aaaa BY USER +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaaAUsppptt <header>[#aaaa|NriaDOppp]	
195	Door Unlocked by User (No User / 4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DOOR UNLOCKED +++ACC aaaa BY USER +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaaAUppppt <header>[#aaaa|NriaaDOpppp]	
196	Duress	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DURESS +++ACC aaaa AREA=a ID=iii h1rrlsssssssaaaasDsiiit <header>[#aaaa|Nria/idiiiHA]	
197	Duress (No Area)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DURESS +++ACC aaaa ID=iii h1rrlsssssssaaaasDsiiit <header>[#aaaa|NidiiiHA]	
198	Duress (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DURESS +++ACC aaaa AREA=aa ID=iiii h1rrlsssssssaaaasDiiiit <header>[#aaaa|Nriaa/idiiiiHA]	
199	Early to Close (No Area)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa CLOSING EARLY h1rrlsssssssaaaasCssssst <header>[#aaaa|NCK]	
200	Early To Open (No Area)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa EARLY TO OPEN h1rrlsssssssaaaasOssssst <header>[#aaaa|NOK]	
201	Equipment Fail	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa EQUIPMENT FAIL +++ACC aaaa SDI=ddd COND=nnn h1rrlsssssssaaaasTsD29t <header>[#aaaa|NpidddIAnnn]	
202	Equipment Restoral	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa EQUIP RESTORAL +++ACC aaaa SDI=ddd COND=nnn h1rrlsssssssaaaasRsD29t <header>[#aaaa|NpidddIRnnn]	

Table 98: Modem4/ModemIIIa² Messages

	Event	Device/Mode	Display/Explanation	Comments
203	Extend Close Time by Area (No User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa EXTN CLOSE TIME +++ACC aaaa AREA=a TIME=hh:mm h1rrlsssssssaaaasTsD26t <header>[#aaaa|Nria/tihhmmCE]	
204	Extend Close Time by Area	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa EXTN CLOSE TIME +++ACC aaaa AREA=a ID=iii TIME=hh:mm h1rrlsssssssaaaasTsD26t <header>[#aaaa|Nria/idiii/tihhmmCE]	
205	Extend Close Time by Area (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa EXTN CLOSE TIME +++ACC aaaa AREA=aa ID=iiii TIME=hh:mm h1rrlsssssssaaaasTsD26t <header>[#aaaa|Nriaa/idiiii/tihhmmCE]	
206	External Device	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa EXTERNAL DEVICE +++ACC aaaa EXT.DEV=ddd COND=nnn h1rrlsssssssaaaasNsD50t <header>[#aaaa|NpidddEXnnn]	
207	Extra Account	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa EXTRA ACCOUNT +++ACC aaaa PATH=ppp COND=nnn h1rrlsssssssaaaasNsD46t <header>[#aaaa|NpapppXAnnn]	
208	Extra Point	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa EXTRA POINT +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaasTspppt <header>[#aaaa|NriaXEppp]	
209	Extra Point (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa EXTRA POINT +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaasTppppt <header>[#aaaa|NriaaXEpppp]	
210	Extra RF Point	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa EXTRA RF POINT +++ACC aaaa SDI=ddd h1rrlsssssssaaaasTsD16t <header>[#aaaa|NpidddXF]	
211	Extra RF Point (7112 Only)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa EXTRA RF POINT h1rrlsssssssaaaasTsD16t <header>[#aaaa|NXF]	
212	Fail To Call RPS	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa BAD CALL TO RAM h1rrlsssssssaaaasTsF02t <header>[#aaaa|NRA]	
213	Fail To Close by Area	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FAIL TO CLOSE +++ACC aaaa AREA=a h1rrlsssssssaaaasTsssEt <header>[#aaaa|NriaCI]	
214	Fail To Close / Delinquent	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DELNQNT CLOSING +++ACC aaaa AREA=a h1rrlsssssssaaaasTsssEt <header>[#aaaa|NriaCD]	
215	Fail to Execute / Door Unlocked (Interlock)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FAIL TO EXECUTE +++ACC aaaa DOOR UNLOCKED-INTERLOCK +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaasNsD35t <header>[#aaaa|NriaDKppp]	
216	Fail to Execute / Door Unlocked (Interlock) (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FAIL TO EXECUTE +++ACC aaaa DOOR UNLOCKED-INTERLOCK +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaasNsD35t <header>[#aaaa|NriaaDKpppp]	
217	Fail to Execute / Door Unlocked (Door Secured)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FAIL TO EXECUTE +++ACC aaaa DOOR UNLOCKED-DOOR SECURE +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaasNsD35t <header>[#aaaa|NriaDKppp]	
218	Fail to Execute / Door Unlocked (Door Secured) (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FAIL TO EXECUTE +++ACC aaaa DOOR UNLOCKED-DOOR SECURE +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaasNsD35t <header>[#aaaa|NriaaDKpppp]	
219	Fail to Execute / Door Cycled (Door Secured)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FAIL TO EXECUTE +++ACC aaaa DOOR CYCLED-DOOR SECURED +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaaADspppt <header>[#aaaa|NriaDKppp]	

Table 98: Modem4/ModemIIIa² Messages

	Event	Device/Mode	Display/Explanation	Comments
220	Fail to Execute / Door Cycled (Door Secured) (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FAIL TO EXECUTE +++ACC aaaa DOOR CYCLED-DOOR SECURED +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaaADppppt <header>[#aaaa|NriaaDKpppp]	
221	Fail to Execute / Door Cycled (Interlock)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FAIL TO EXECUTE +++ACC aaaa DOOR CYCLED-INTERLOCK +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaaADspppt <header>[#aaaa|NriaDKppp]	
222	Fail to Execute / Door Cycled (Interlock) (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FAIL TO EXECUTE +++ACC aaaa DOOR CYCLED-INTERLOCK +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaaADppppt <header>[#aaaa|NriaaDKpppp]	
223	Fail to Execute (Incorrect Response)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FAIL TO EXECUTE +++ACC aaaa INCORRECT RESPONSE +++ACC aaaa SDI=ddd h1rrlsssssssaaaasNsD34t <header>[#aaaa|NpidddYX]	
224	Fail to Execute (No Response)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FAIL TO EXECUTE +++ACC aaaa NO RESPONSE +++ACC aaaa SDI=ddd h1rrlsssssssaaaasNsD34t <header>[#aaaa|NpidddYX]	
225	Fail To Open by Area	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FAIL TO OPEN +++ACC aaaa AREA=a h1rrlsssssssaaaasTsssEt <header>[#aaaa|NriaOI]	
226	Fire Alarm	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FIRE ALARM +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaasFspppt <header>[#aaaa|NriaFAppp]	7
227	Fire Alarm (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FIRE ALARM +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaasFppppt <header>[#aaaa|NriaaFApppp]	
228	Fire Alarm (2112/2212)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FIRE ALARM +++ACC aaaa POINT=ppp h1rrlsssssssaaaasFspppt <header>[#aaaa|NFAppp]	
229	Fire Alarm / Cross Point	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FIRE ALARM +++ACC aaaa CROSS POINT +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaasFspppt <header>[#aaaa|NriaFMppp]	
230	Fire Alarm / Cross Point (2112/2212)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FIRE ALARM +++ACC aaaa CROSS POINT +++ACC aaaa POINT=ppp h1rrlsssssssaaaasFspppt <header>[#aaaa|NFMppp]	
231	Fire Alarm / Cross point (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FIRE ALARM +++ACC aaaa CROSS POINT +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaasFppppt <header>[#aaaa|NriaaFMpppp]	
232	Fire Alarm / Smoke Detector	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FIRE ALARM +++ACC aaaa SMOKE DETECTOR +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaasFspppt <header>[#aaaa|NriaFAppp]	
233	Fire Alarm / Smoke Detector (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FIRE ALARM +++ACC aaaa SMOKE DETECTOR +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaasFppppt <header>[#aaaa|NriaaFApppp]	
234	Fire Alarm / High Temp Sensor	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FIRE ALARM +++ACC aaaa HIGH TEMPERATURE SENSOR +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaasFspppt <header>[#aaaa|NriaKAppp]	

Table 98: Modem4/ModemIIIa² Messages

	Event	Device/Mode	Display/Explanation	Comments
235	Fire Alarm / High Temp Sensor (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FIRE ALARM +++ACC aaaa HIGH TEMPERATURE SENSOR +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaasFppppt <header>[#aaaa|NriaaKApppp]	
236	Fire Alarm / Waterflow Sensor	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FIRE ALARM +++ACC aaaa WATER FLOW SENSOR +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaasFspppt <header>[#aaaa|NriaSAppp]	
237	Fire Alarm / Waterflow Sensor (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FIRE ALARM +++ACC aaaa WATER FLOW SENSOR +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaasFppppt <header>[#aaaa|NriaaSApppp]	
238	Fire Cancel	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FIRE CANCEL +++ACC aaaa AREA=a ID=iii h1rrlssssssaaaas\siiit <header>[#aaaa|Nria/idiiiFC]	
239	Fire Cancel (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FIRE CANCEL +++ACC aaaa AREA=aa ID=iiii h1rrlssssssaaaas\iiiit <header>[#aaaa|Nriaa/idiiiiFC]	
240	Fire Missing	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa MISSING FIRE +++ACC aaaa AREA=aPOINT=ppp h1rrlssssssaaaasMspppt <header>[#aaaa|NriaFYppp]	7
241	Fire Missing (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa MISSING FIRE +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaasMppppt <header>[#aaaa|NriaaFYpppp]	
242	Fire Alarm Restoral (No Area)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FIRE ALM RESTOR +++ACC aaaa POINT=ppp h1rrlssssssaaaaHsspppt <header>[#aaaa|NFHppp]	
243	Fire Alarm Restoral	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FIRE ALM RESTOR +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaaHsspppt <header>[#aaaa|NriaFHppp]	
244	Fire Alarm Restoral(4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FIRE ALM RESTOR +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaaHspppptt <header>[#aaaa|NriaaFHpppp]	
245	Fire Restoral (Trouble/Missing/Supervision)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FIRE TBL RESTOR +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaaHsspppt <header>[#aaaa|NriaFJppp]	
246	Fire Restoral (Trouble/Missing/Supervision) (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FIRE TBL RESTOR +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaaHspppptt <header>[#aaaa|NriaaFJpppp]	
247	Fire Supervision	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FIRE SUPRVISION +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaasEspppt <header>[#aaaa|NriaFSppp]	
248	Fire Supervision (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FIRE SUPRVISION +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaasEppppt <header>[#aaaa|NriaaFSpppp]	
249	Fire Supervision / Waterflow Sensor	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FIRE SUPRVISION +++ACC aaaa WATER FLOW SENSOR +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaasEspppt <header>[#aaaa|NriaFSppp]	
250	Fire Supervision / Waterflow Sensor (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FIRE SUPRVISION +++ACC aaaa WATER FLOW SENSOR +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaasEppppt <header>[#aaaa|NriaaFSpppp]	
251	Fire Supervision Restore	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FIRE SUPRV REST +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaasEspppt <header>[#aaaa|NriaFVppp]	

Table 98: Modem4/ModemIIIa² Messages

	Event	Device/Mode	Display/Explanation	Comments
252	Fire Supervision Restore (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FIRE SUPRV REST +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaasEppppt <header>[#aaaa|NriaaFVpppp]	
253	Fire Supervision Restore / Waterflow Sensor	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FIRE SUPRV REST +++ACC aaaa WATER FLOW SENSOR +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaasEspppt <header>[#aaaa|NriaFVppp]	
254	Fire Supervision Restore / Waterflow Sensor (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FIRE SUPRV REST +++ACC aaaa WATER FLOW SENSOR +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaasEppppt <header>[#aaaa|NriaaFVpppp]	
255	Fire Supervision Trouble	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FIRE SUPRV TRBL +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaaGsspppt <header>[#aaaa|NriaFWppp]	
256	Fire Supervision Trouble (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FIRE SUPRV TRBL +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaaGsppppt <header>[#aaaa|NriaaFWpppp]	
257	Fire Supervision Trouble / Waterflow Sensor	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FIRE SUPRV TRBL +++ACC aaaa WATER FLOW SENSOR +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaaGsspppt <header>[#aaaa|NriaFWppp]	
258	Fire Supervision Trouble / Waterflow Sensor (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FIRE SUPRV TRBL +++ACC aaaa WATER FLOW SENSOR +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaaGsppppt <header>[#aaaa|NriaaFWpppp]	
259	Fire Supervision Trouble Restore	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FIR SUPR TR RES +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaaHsspppt <header>[#aaaa|NriaFQppp]	
260	Fire Supervision Trouble Restore (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FIR SUPR TR RES +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaaHsppppt <header>[#aaaa|NriaaFQpppp]	
261	Fire Supervision Trouble Restore / Waterflow Sensor	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FIR SUPR TR RES +++ACC aaaa WATER FLOW SENSOR +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaaHsspppt <header>[#aaaa|NriaFQppp]	
262	Fire Supervision Trouble Restore / Waterflow Sensor (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FIR SUPR TR RES +++ACC aaaa WATER FLOW SENSOR +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaaHsppppt <header>[#aaaa|NriaaFQpppp]	
263	Fire Trouble	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FIRE TROUBLE +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaaGsspppt <header>[#aaaa|NriaFTppp]	7
264	Fire Trouble (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FIRE TROUBLE +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaaGsppppt <header>[#aaaa|NriaaFTpppp]	
265	Fire Trouble / Smoke Detector	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FIRE TROUBLE +++ACC aaaa SMOKE DETECTOR +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaaGsspppt <header>[#aaaa|NriaFTppp]	
266	Fire Trouble / Smoke Detector (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FIRE TROUBLE +++ACC aaaa SMOKE DETECTOR +++ACC aaaa AREA=aa POINT=pppp <header>[#aaaa|NriaaFTpppp]	
267	Fire Trouble / High Temp Sensor	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FIRE TROUBLE +++ACC aaaa HIGH TEMPERATURE SENSOR +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaaGsspppt <header>[#aaaa|NriaKTppp]	

Table 98: Modem4/ModemIIIa² Messages

	Event	Device/Mode	Display/Explanation	Comments
268	Fire Trouble / High Temp Sensor (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FIRE TROUBLE +++ACC aaaa HIGH TEMPERATURE SENSOR +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaaGsppppt <header>[#aaaa|NriaaKTpppp]	
269	Fire Trouble / Waterflow Sensor	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FIRE TROUBLE +++ACC aaaa WATER FLOW SENSOR +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaaGssppppt <header>[#aaaa|NriaSTppp]	
270	Fire Trouble / Waterflow Sensor (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FIRE TROUBLE +++ACC aaaa WATER FLOW SENSOR +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaaGsppppt <header>[#aaaa|NriaaSTpppp]	
271	Fire Trouble / Ground Fault	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FIRE TROUBLE +++ACC aaaa GROUND FAULT +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaaGssppppt <header>[#aaaa|NriaFTppp]	
272	Fire Trouble / Ground Fault (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FIRE TROUBLE +++ACC aaaa GROUND FAULT +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaaGsppppt <header>[#aaaa|NriaaFTpppp]	
273	Fire Walk End (No User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FIRE WALK END +++ACC aaaa AREA=a h1rrlsssssssaaaasRsssFt <header>[#aaaa|NriaFK]	
274	Fire Walk End	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FIRE WALK END +++ACC aaaa AREA=a ID=iii h1rrlsssssssaaaasRsssFt <header>[#aaaa|Nria/idiiiFK]	
275	Fire Walk End (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FIRE WALK END +++ACC aaaa AREA=aa ID=iiii h1rrlsssssssaaaasRsssFt <header>[#aaaa|Nriaa/idiiiiFK]	
276	Fire Walk Start	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FIRE WALK START +++ACC aaaa AREA=a ID=iii h1rrlsssssssaaaasTsssFt <header>[#aaaa|Nria/idiiiFI]	
277	Fire Walk Start (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FIRE WALK START +++ACC aaaa AREA=aa ID=iiii h1rrlsssssssaaaasTsssFt <header>[#aaaa|Nriaa/idiiiiFI]	
278	Fire Walk Start (No User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FIRE WALK START +++ACC aaaa AREA=a h1rrlsssssssaaaasTsssFt <header>[#aaaa|NriaFI]	
279	Force Close Early by Area	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FRC CLOSE EARLY +++ACC aaaa AREA=a ID=iii h1rrlsssssssaaaasCsiiit <header>[#aaaa|Nria/idiiiCF]	
280	Force Close Early by Area (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FRC CLOSE EARLY +++ACC aaaa AREA=aa ID=iiii h1rrlsssssssaaaasCiiiit <header>[#aaaa|Nriaa/idiiiiCF]	
281	Force Close Early (7112 Only)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FRC CLOSE EARLY h1rrlsssssssaaaasCssssst <header>[#aaaa|NCF]	
282	Force Close Late (7112 Only)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FORC CLOSE LATE h1rrlsssssssaaaasCssssst <header>[#aaaa|NCF]	
283	Force Close Late by Area	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FORC CLOSE LATE +++ACC aaaa AREA=a ID=iii h1rrlsssssssaaaasCsiiit <header>[#aaaa|Nria/idiiiCF]	
284	Force Close Late by Area (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FORC CLOSE LATE +++ACC aaaa AREA=aa ID=iiii h1rrlsssssssaaaasCiiiit <header>[#aaaa|Nriaa/idiiiiCF]	

Table 98: Modem4/ModemIIIa² Messages

	Event	Device/Mode	Display/Explanation	Comments
285	Force Close Perimeter Delay by Area (No User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa F CLOSE PR DLAY +++ACC aaaa AREA=a h1rrlsssssssaaaasCssssst <header>[#aaaa|NriaNF]	
286	Force Close Perimeter Delay by Area	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa F CLOSE PR DLAY +++ACC aaaa AREA=a ID=iii h1rrlsssssssaaaasCsiiit <header>[#aaaa|Nria/idiiiNF]	
287	Force Close Perimeter Delay by Area (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa F CLOSE PR DLAY +++ACC aaaa AREA=aa ID=iiii h1rrlsssssssaaaasCiiiit <header>[#aaaa|Nriaa/idiiiiNF]	
288	Force Close Perimeter Instant by Area (No User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa F CLOSE PR INST +++ACC aaaa AREA=a h1rrlsssssssaaaasCssssst <header>[#aaaa|NriaNF]	
289	Force Close Perimeter Instant by Area	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa F CLOSE PR INST +++ACC aaaa AREA=a ID=iii h1rrlsssssssaaaasCsiiit <header>[#aaaa|Nria/idiiiNF]	
290	Force Close Perimeter Instant by Area (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa F CLOSE PR INST +++ACC aaaa AREA=aa ID=iiii h1rrlsssssssaaaasCiiiit <header>[#aaaa|Nriaa/idiiiiNF]	
291	Force Close by Area (No Area)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FORCED CLOSE +++ACC aaaa ID=iii h1rrlsssssssaaaasCsiiit <header>[#aaaa|NidiiiCF]	
292	Force Close by Area	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FORCED CLOSE +++ACC aaaa AREA=a ID=iii h1rrlsssssssaaaasCsiiit <header>[#aaaa|Nria/idiiiCF]	
293	Force Close by Area (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FORCED CLOSE +++ACC aaaa AREA=aa ID=iiii h1rrlsssssssaaaasCiiiit <header>[#aaaa|Nriaa/idiiiiCF]	
294	Force Point	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FORCED POINT +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaasTspppt <header>[#aaaa|NriaXWppp]	
295	Force Point (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa FORCED POINT +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaasTppppt <header>[#aaaa|NriaaXWpppp]	
296	Gas Alarm (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa GAS ALARM +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaasAppppt <header>[#aaaa|NriaaGApppp]	New Message
297	Gas Alarm Restore (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa GAS ALARM REST +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaasRppppt <header>[#aaaa|NriaaGHpppp]	New Message
298	Gas Cancel (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa GAS CANCEL +++ACC aaaa AREA=aa ID=iiii h1rrlsssssssaaaas\iiiit <header>[#aaaa|Nriaa/idiiiiGC]	New Message
299	Gas Missing (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa GAS MISSING +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaasVppppt <header>[#aaaa|NriaaUZpppp]	New Message
300	Gas Supervisory (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa GAS SUPERVISORY +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaasJppppt <header>[#aaaa|NriaaGSpppp]	New Message
301	Gas Supervisory Restore (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa GAS SUPV REST +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaasRppppt <header>[#aaaa|NriaaGJpppp]	New Message
302	Gas Trouble (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa GAS TROUBLE +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaasTppppt <header>[#aaaa|NriaaGTpppp]	New Message

Table 98: Modem4/ModemIIIa² Messages

	Event	Device/Mode	Display/Explanation	Comments
303	Gas Trouble Restore (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa GAS TRBL REST +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaasRppppt <header>[#aaaa|NriaaGJpppp]	New Message
304	High Temp Alarm (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa HIGH TEMP ALARM +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaasJppppt <header>[#aaaa|NriaaKApppp]	New Message
305	High Temp Alarm Restore (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa HIGH TEMP REST +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaasRppppt <header>[#aaaa|NriaaKHpppp]	New Message
306	Hold-Up Alarm (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa HOLD-UP ALARM +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaasDppppt <header>[#aaaa|NriaaHApppp]	New Message
307	Hold-Up Missing (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa HOLD-UP MISSING +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaasVppppt <header>[#aaaa|NriaaUZpppp]	New Message
308	Hold-Up Restore (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa HOLD-UP RESTORE +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaasRppppt <header>[#aaaa|NriaaHRpppp]	New Message
309	Hold-Up Supervisory (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa HOLD-UP SUPV +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaasJppppt <header>[#aaaa|NriaaHSpppp]	New Message
310	Hold-Up Supervisory Restore (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa HOLD-UP SU REST +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaasRppppt <header>[#aaaa|NriaaHRpppp]	New Message
311	Hold-Up Trouble (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa HOLD-UP TROUBLE +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaasTppppt <header>[#aaaa|NriaaHTpppp]	New Message
312	Hold-Up Trouble Restore (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa HOLD-UP TR REST +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaasRppppt <header>[#aaaa|NriaaHJpppp]	New Message
313	Late To Open (7112 Only)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa LATE TO OPEN h1rrlssssssaaaasOssssst <header>[#aaaa|NOJ]	
314	Listen In	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa LISTEN IN +++ACC aaaa TIME=hh:mm h1rrlssssssaaaas*sssst <header>[#aaaa|NtihhmmLF]	
315	Log Overflow	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa LOG OVERFLOW h1rrlssssssaaaasAsD01t <header>[#aaaa|NJO]	
316	Log Threshold	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa LOG THRESHOLD h1rrlssssssaaaasTsD01t <header>[#aaaa|NJL]	
317	Low Signal Strength	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa LOW SIGNAL LEVL +++ACC aaaa LEVEL=lll PATH=ppp h1rrlssssssaaaasNsD48t <header>[#aaaa|N1vlll/papppXL]	
318	Low Temperature Alarm	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa LOW TEMPERATURE +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaasLspppt <header>[#aaaa|NriaZAppp]	
319	Low Temperature Alarm (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa LOW TEMPERATURE +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaasLppppt <header>[#aaaa|NriaaZApppp]	
320	Low Temperature Restoral	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa LOW TEMP RESTOR +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaaRLspppt <header>[#aaaa|NriaZRppp]	
321	Low Temperature Restoral (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa LOW TEMP RESTOR +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaaRLppppt <header>[#aaaa|NriaaZRpppp]	

Table 98: Modem4/ModemIIIa² Messages

	Event	Device/Mode	Display/Explanation	Comments
322	Medical Alarm by User (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa MEDICAL ALARM +++ACC aaaa ID=iiii h1rrlssssssaaaasUiiiit <header>[#aaaa|NidiiiiMA]	New Message
323	Medical Alarm by Point (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa MEDICAL ALARM +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaasApppt <header>[#aaaa|Nriaa/MApppp]	New Message
324	Medical Alarm Restore (4-digit User / Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa MED ALARM REST +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaasRppppt <header>[#aaaa|Nriaa/MHpppp]	New Message
325	Memory Fail	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa MEMORY FAIL h1rrlssssssaaaasAsD13t <header>[#aaaa|NYX]	
326	Missing Alarm (2212)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa MISSING ALARM +++ACC aaaa POINT=ppp h1rrlssssssaaaasMspppt <header>[#aaaa|NUZppp]	
327	Missing Alarm	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa MISSING ALARM +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaasMspppt <header>[#aaaa|NriaUZppp]	
328	Missing Alarm (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa MISSING ALARM +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaasMppppt <header>[#aaaa|NriaaUZpppp]	
329	Missing Alarm / Cross Point	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa MISSING ALARM +++ACC aaaa CROSS POINT +++ACC aaaa AREA=a CG=gg POINT=ppp h1rrlssssssaaaasMspppt <header>[#aaaa|NriaXMppp]	
330	Missing Alarm / Cross Point (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa MISSING ALARM +++ACC aaaa CROSS POINT +++ACC aaaa AREA=aa CG=gg POINT=pppp h1rrlssssssaaaasMppppt <header>[#aaaa|NriaaXMpppp]	
331	Missing Alarm from Recent Closing (2 min of close) (No User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa MISSING ALARM +++ACC aaaa RECENT CLOSING +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaasMspppt <header>[#aaaa|NriaCMppp]	
332	Missing Alarm from Recent Closing (2 min of close) (No User / 4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa MISSING ALARM +++ACC aaaa RECENT CLOSING +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaasMppppt <header>[#aaaa|NriaaCMpppp]	
333	Missing Alarm from Recent Closing (2 min of close)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa MISSING ALARM +++ACC aaaa RECENT CLOSING +++ACC aaaa AREA=a ID=iii POINT=ppp h1rrlssssssaaaasMspppt <header>[#aaaa|Nria/idiiiCMppp]	
334	Missing Alarm from Recent Closing (2 min of close) (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa MISSING ALARM +++ACC aaaa RECENT CLOSING +++ACC aaaa AREA=aa ID=iii POINT=pppp h1rrlssssssaaaasMppppt <header>[#aaaa|Nriaa/idiiiCMpppp]	
335	Missing Alarm from Recent Closing (2 min of close) (4-digit User / Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa MISSING ALARM +++ACC aaaa RECENT CLOSING +++ACC aaaa AREA=aa ID=iiii POINT=pppp h1rrlssssssaaaasMppppt <header>[#aaaa|Nriaa/idiiiiCMpppp]	
336	Missing Alarm Exit Error (No User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa MISSING ALARM +++ACC aaaa EXIT ERROR +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaasMspppt <header>[#aaaa|NriaEZppp]	
337	Missing Alarm Exit Error (No User / 4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa MISSING ALARM +++ACC aaaa EXIT ERROR +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaasMppppt <header>[#aaaa|NriaaEZpppp]	

Table 98: Modem4/ModemIIIa² Messages

	Event	Device/Mode	Display/Explanation	Comments
338	Missing Alarm Exit Error	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa MISSING ALARM +++ACC aaaa EXIT ERROR +++ACC aaaa AREA=a ID=iii POINT=ppp h1rrlsssssssaaaasMspppt <header>[#aaaa|Nria/idiiiEZppp]	
339	Missing Alarm Exit Error (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa MISSING ALARM +++ACC aaaa EXIT ERROR +++ACC aaaa AREA=aa ID=iii POINT=pppp h1rrlsssssssaaaasMppppt <header>[#aaaa|Nriaa/idiiiEZpppp]	
340	Missing Alarm Exit Error (4-digit User / Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa MISSING ALARM +++ACC aaaa EXIT ERROR +++ACC aaaa AREA=aa ID=iiii POINT=pppp h1rrlsssssssaaaasMppppt <header>[#aaaa|Nriaa/idiiiiEZpppp]	
341	Missing Fire Supervision	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa MISS FIR SUPRVN +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaaGMspppt <header>[#aaaa|NriaFZppp]	
342	Missing Fire Supervision (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa MISS FIR SUPRVN +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaaGMppppt <header>[#aaaa|NriaaFZpppp]	
343	Missing Fire Supervision / Waterflow Sensor	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa MISS FIR SUPRVN +++ACC aaaa WATER FLOW SENSOR +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaaGMspppt <header>[#aaaa|NriaFZppp]	
344	Missing Fire Supervision / Waterflow Sensor (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa MISS FIR SUPRVN +++ACC aaaa WATER FLOW SENSOR +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaaGMppppt <header>[#aaaa|NriaaFZpppp]	
345	Missing Gas Supervison	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa MISS GAS SUPV +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaasVppppt <header>[#aaaa|NriaaGSpppp]	New Message
346	Missing Supervision	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa MISSING SUPRVSN +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaaMTspppt <header>[#aaaa|NriaBZppp]	
347	Missing Supervision (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa MISSING SUPRVSN +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaaMTppppt <header>[#aaaa|NriaaBZpppp]	
348	Missing Trouble (2212)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa MISSING TROUBLE +++ACC aaaa POINT=ppp h1rrlsssssssaaaasVspppt <header>[#aaaa|NUYppp]	
349	Missing Trouble from Keyfob	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa MISSING TROUBLE +++ACC aaaa KEYFOB +++ACC aaaa ID=iii h1rrlsssssssaaaasVsD10t <header>[#aaaa|NidiiiUY]	
350	Missing Trouble from Keyfob (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa MISSING TROUBLE +++ACC aaaa KEYFOB +++ACC aaaa ID=iiii h1rrlsssssssaaaasVsD10t <header>[#aaaa|NidiiiiUY]	
351	Missing Trouble	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa MISSING TROUBLE +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaasVspppt <header>[#aaaa|NriaUYppp]	7
352	Missing Trouble (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa MISSING TROUBLE +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaasVppppt <header>[#aaaa|NriaaUYpppp]	
353	Network Condition	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa NETWORK COND +++ACC aaaa PATH=ppp COND=nnn h1rrlsssssssaaaasNsD44t <header>[#aaaa|NpapppNCnnn]	

Table 98: Modem4/ModemIIIa² Messages

	Event	Device/Mode	Display/Explanation	Comments
354	Network Failure	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa NETWORK FAIL +++ACC aaaa PATH=ppp COND=nnn h1rrlssssssaaaasNsD42t <header>[#aaaa|NpapppNTnnn]	
355	Network Failure (4-digit Device)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa NETWORK FAIL +++ACC aaaa SDI=dddd COND=nnn h1rrlssssssaaaasNsD42t <header>[#aaaa|NpiddddNTnnn]	New Message
356	Network Restoral	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa NETWORK RESTORE +++ACC aaaa PATH=ppp COND=nnn h1rrlssssssaaaasNsD43t <header>[#aaaa|NpapppNRnnn]	
357	Network Restoral (4-digit Device)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa NETWORK RESTORE +++ACC aaaa SDI=dddd COND=nnn h1rrlssssssaaaasNsD43t <header>[#aaaa|NpiddddNRnnn]	New Message
358	No Entry (Anti-Passback)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa NO ENTRY-PASSBK +++ACC aaaa AREA=a CRD=iii-x POINT=ppp h1rrlssssssaaaaADspppt <header>[#aaaa|Nria/idiiiDIppp]	
359	No Entry (Door Secured)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa NO ENTRY-SECURE +++ACC aaaa AREA=a CRD=iii-x POINT=ppp h1rrlssssssaaaaADspppt <header>[#aaaa|Nria/idiiiDZppp]	
360	No Entry (Interlock Deny)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa NO ENTRY-INTRLK +++ACC aaaa AREA=a CRD=iii-x POINT=ppp h1rrlssssssaaaaADspppt <header>[#aaaa|Nria/idiiiDWppp]	
361	No Entry (No Rights in Area)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa NO ENTRY-LEVEL +++ACC aaaa AREA=a CRD=iii-x POINT=ppp h1rrlssssssaaaaADspppt <header>[#aaaa|Nria/idiiiDVppp]	
362	No Entry (Outside Time Window)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa NO ENTRY-TIME +++ACC aaaa AREA=a CRD=iii-x POINT=ppp h1rrlssssssaaaaADspppt <header>[#aaaa|Nria/idiiiDPppp]	
363	No Entry (Unknown ID)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa NO ENTRY-UNK ID +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaaADspppt <header>[#aaaa|NriaDDppp]	
364	No Entry (Wrong Arming State)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa NO ENTRY-ARMED +++ACC aaaa AREA=a CRD=iii-x POINT=ppp h1rrlssssssaaaaADspppt <header>[#aaaa|Nria/idiiiDQppp]	
365	No Entry (Unknown ID) (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa NO ENTRY-UNK ID +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaaADppppt <header>[#aaaa|NriaaDDpppp]	
366	No Entry (Wrong Arming State) (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa NO ENTRY-ARMED +++ACC aaaa AREA=aa CRD=iii-x POINT=pppp h1rrlssssssaaaaADppppt <header>[#aaaa|Nriaa/idiiiDQpppp]	
367	No Entry (Anti-Passback) (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa NO ENTRY-PASSBK +++ACC aaaa AREA=aa CRD=iii-x POINT=pppp h1rrlssssssaaaaADppppt <header>[#aaaa|Nriaa/idiiiDIpppp]	
368	No Entry (Door Secured) (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa NO ENTRY-SECURE +++ACC aaaa AREA=aa CRD=iii-x POINT=pppp h1rrlssssssaaaaADppppt <header>[#aaaa|Nriaa/idiiiDZpppp]	
369	No Entry (Interlock Deny) (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa NO ENTRY-INTRLK +++ACC aaaa AREA=aa CRD=iii-x POINT=pppp h1rrlssssssaaaaADppppt <header>[#aaaa|Nriaa/idiiiDWpppp]	
370	No Entry (No Rights in Area) (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa NO ENTRY-LEVEL +++ACC aaaa AREA=aa CRD=iii-x POINT=pppp h1rrlssssssaaaaADppppt <header>[#aaaa|Nriaa/idiiiDVpppp]	
371	No Entry (Outside Time Window) (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa NO ENTRY-TIME +++ACC aaaa AREA=aa CRD=iii-x POINT=pppp h1rrlssssssaaaaADppppt <header>[#aaaa|Nriaa/idiiiDPpppp]	

Table 98: Modem4/ModemIIIa² Messages

	Event	Device/Mode	Display/Explanation	Comments
372	No Entry (Anti-Passback) (4-digit User / Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa NO ENTRY-PASSBK +++ACC aaaa AREA=aa CRD=iiii POINT=pppp h1rrlsssssssaaaaADppppt <header>[#aaaa|Nriaa/idiiiiDIpppp]	
373	No Entry (Door Secured) (4-digit User / Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa NO ENTRY-SECURE +++ACC aaaa AREA=aa CRD=iiii POINT=pppp h1rrlsssssssaaaaADppppt <header>[#aaaa|Nriaa/idiiiiDZpppp]	
374	No Entry (Interlock Deny) (4-digit User / Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa NO ENTRY-INTRLK +++ACC aaaa AREA=aa CRD=iiii POINT=pppp h1rrlsssssssaaaaADppppt <header>[#aaaa|Nriaa/idiiiiDWpppp]	
375	No Entry (No Rights in Area) (4-digit User / Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa NO ENTRY-LEVEL +++ACC aaaa AREA=aa CRD=iiii POINT=pppp h1rrlsssssssaaaaADppppt <header>[#aaaa|Nriaa/idiiiiDVpppp]	
376	No Entry (Outside Time Window) (4-digit User / Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa NO ENTRY-TIME +++ACC aaaa AREA=aa CRD=iiii POINT=pppp h1rrlsssssssaaaaADppppt <header>[#aaaa|Nriaa/idiiiiDPpppp]	
377	No Entry (Wrong Arming State) (4-digit User / Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa NO ENTRY-ARMED +++ACC aaaa AREA=aa CRD=iiii POINT=pppp h1rrlsssssssaaaaADppppt <header>[#aaaa|Nriaa/idiiiiDQpppp]	
378	Opening by Account (2112/2212)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa OPENING REPORT +++ACC aaaa ID=iii h1rrlsssssssaaaasOsiiit <header>[#aaaa|NidiiiOP]	
379	Opening by Account	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa OPENING REPORT +++ACC aaaa ID=iii h1rrlsssssssaaaasOsiiit <header>[#aaaa|NidiiiOP]	
380	Opening by Account from Alarm (2212)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa OPEN FROM ALARM +++ACC aaaa ID=iii h1rrlsssssssaaaasOsiiit <header>[#aaaa|NidiiiOR]	
381	Opening by Account from Alarm (No Area)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa OPEN FROM ALARM +++ACC aaaa ID=iii h1rrlsssssssaaaasOsiiit <header>[#aaaa|NidiiiOR]	
382	Opening by Area	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa OPENING REPORT +++ACC aaaa AREA=a ID=iii h1rrlsssssssaaaasOsiiit <header>[#aaaa|Nria/idiiiOP]	
383	Opening by Area (No User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa OPENING REPORT +++ACC aaaa AREA=a h1rrlsssssssaaaasOssssst <header>[#aaaa|NriaOP]	
384	Opening by Area (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa OPENING REPORT +++ACC aaaa AREA=aa ID=iiii h1rrlsssssssaaaasOiiiit <header>[#aaaa|Nriaa/idiiiiOP]	
385	Opening by Area from Alarm (No User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa OPEN FROM ALARM +++ACC aaaa AREA=a h1rrlsssssssaaaasOssssst <header>[#aaaa|NriaOR]	
386	Opening by Area from Alarm	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa OPEN FROM ALARM +++ACC aaaa AREA=a ID=iii h1rrlsssssssaaaasOsiiit <header>[#aaaa|Nria/idiiiOR]	
387	Opening by Area from Alarm (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa OPEN FROM ALARM +++ACC aaaa AREA=aa ID=iiii h1rrlsssssssaaaasOiiiit <header>[#aaaa|Nriaa/idiiiiOR]	
388	Opening Early by Area	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa EARLY TO OPEN +++ACC aaaa AREA=a ID=iii h1rrlsssssssaaaasOsiiit <header>[#aaaa|Nria/idiiiOK]	
389	Opening Early by Area (No User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa EARLY TO OPEN +++ACC aaaa AREA=a h1rrlsssssssaaaasOssssst <header>[#aaaa|NriaOK]	

Table 98: Modem4/ModemIIIa² Messages

	Event	Device/Mode	Display/Explanation	Comments
390	Opening Early by Area (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa EARLY TO OPEN +++ACC aaaa AREA=aa ID=iiii h1rrlsssssssaaaasOiiiit <header>[#aaaa|Nriaa/idiiiiOK]	
391	Opening Early by Area from Alarm (No User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa OP ERLY FRM-ALM +++ACC aaaa AREA=a h1rrlsssssssaaaasOssssst <header>[#aaaa|NriaOH]	
392	Opening Early by Area from Alarm	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa OP ERLY FRM-ALM +++ACC aaaa AREA=a ID=iii h1rrlsssssssaaaasOsiiit <header>[#aaaa|Nria/idiiiOH]	
393	Opening Early by Area from Alarm (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa OP ERLY FRM-ALM +++ACC aaaa AREA=aa ID=iiii h1rrlsssssssaaaasOiiiit <header>[#aaaa|Nriaa/idiiiiOH]	
394	Opening Late by Area	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa LATE TO OPEN +++ACC aaaa AREA=a ID=iii h1rrlsssssssaaaasOsiiit <header>[#aaaa|Nria/idiiiOJ]	
395	Opening Late by Area (No User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa LATE TO OPEN +++ACC aaaa AREA=a h1rrlsssssssaaaasOssssst <header>[#aaaa|NriaOJ]	
396	Opening Late by Area (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa LATE TO OPEN +++ACC aaaa AREA=aa ID=iiii h1rrlsssssssaaaasOiiiit <header>[#aaaa|Nriaa/idiiiiOJ]	
397	Opening Late by Area from Alarm	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa OP LATE FRM-ALM +++ACC aaaa AREA=a ID=iii h1rrlsssssssaaaasOsiiit <header>[#aaaa|Nria/idiiiiOL]	
398	Opening Late by Area from Alarm (No User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa OP LATE FRM-ALM +++ACC aaaa AREA=a h1rrlsssssssaaaasOssssst <header>[#aaaa|NriaOL]	
399	Opening Late by Area from Alarm (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa OP LATE FRM-ALM +++ACC aaaa AREA=aa ID=iiii h1rrlsssssssaaaasOiiiit <header>[#aaaa|Nriaa/idiiiiOL]	
400	Output State	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa OUTPUT-TROUBLE +++ACC aaaa OUTPUT=uuu h1rrlsssssssaaaasTsD47t <header>[#aaaa|NOUuuu]	
401	Output State (4-digit Output)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa OUTPUT-TROUBLE +++ACC aaaa OUTPUT=uuuu h1rrlsssssssaaaasTsD47t <header>[#aaaa|NOUuuuu]	
402	Output State Restore	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa OUTPUT-TRBL RST +++ACC aaaa OUTPUT=uuu h1rrlsssssssaaaasRsD47t <header>[#aaaa|NOVuuu]	
403	Output State Restore (4-digit Output)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa OUTPUT-TRBL RST +++ACC aaaa OUTPUT=uuuu h1rrlsssssssaaaasRsD47t <header>[#aaaa|NOVuuuu]	
404	Panic Alarm (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa PANIC ALARM +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaasAppppt <header>[#aaaa|Nriaa/PApppp]	New Message
405	Panic Restore (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa PANIC RESTORE +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaasRppppt <header>[#aaaa|Nriaa/PHpppp]	New Message
406	Parameters Changed	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa PARAMS CHANGED h1rrlsssssssaaaasNsD02t <header>[#aaaa|NYG]	
407	Parameter Checksum Fail	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa PARMS BAD CKSUM h1rrlsssssssaaaasTsD15t <header>[#aaaa|NYF]	

Table 98: Modem4/ModemIIIa² Messages

	Event	Device/Mode	Display/Explanation	Comments
408	Parameter Checksum Fail (Device Specific)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa PARMS BAD CKSUM +++ACC aaaa SDI=ddd h1rrlssssssaaaasTsD15t <header>[#aaaa|NpidddYF]	
409	Perimeter Delay by Area (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa PERM DLAY ARMED +++ACC aaaa AREA=aa ID=iiii h1rrlssssssaaaasCiiiit <header>[#aaaa|Nriaa/idiiiiNL]	
410	Perimeter Delay by Area (User Defined) (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa PERM DLAY ARMED +++ACC aaaa USER DEFINED +++ACC aaaa AREA=aa ID=iiii h1rrlssssssaaaasCiiiit <header>[#aaaa|Nriaa/idiiiiNM]	
411	Perimeter Instant (2112/2212)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa PERM INST ARMED +++ACC aaaa ID=iii h1rrlssssssaaaasCsiiit <header>[#aaaa|NidiiiNL]	
412	Perimeter Instant by Area	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa PERM INST ARMED +++ACC aaaa AREA=a ID=iii h1rrlssssssaaaasCsiiit <header>[#aaaa|Nria/idiiiNL]	
413	Perimeter Instant by Area (No User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa PERM INST ARMED +++ACC aaaa AREA=a h1rrlssssssaaaasCsssst <header>[#aaaa|NriaNL]	
414	Perimeter Instant by Area (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa PERM INST ARMED +++ACC aaaa AREA=aa ID=iiii h1rrlssssssaaaasCiiiit <header>[#aaaa|Nriaa/idiiiiNL]	
415	Perimeter Instant by Area (User Defined) (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa PERM INST ARMED +++ACC aaaa USER DEFINED +++ACC aaaa AREA=aa ID=iiii h1rrlssssssaaaasCiiiit <header>[#aaaa|Nriaa/idiiiiNM]	
416	Phone Line Fail (Line 1)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa PHONE LINE FAIL +++ACC aaaa PHONE LINE=1 h1rrlssssssaaaasTsssBt <header>[#aaaa|NLT1]	
417	Phone Line Fail (Line2)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa PHONE LINE FAIL +++ACC aaaa PHONE LINE=2 h1rrlssssssaaaasTsssCt <header>[#aaaa|NLT2]	
418	Phone Line Fail / Ground Fault (Line 1)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa PHONE LINE FAIL +++ACC aaaa GROUND FAULT +++ACC aaaa PHONE LINE=1 h1rrlssssssaaaasTsssBt <header>[#aaaa|NLT1]	
419	Phone Line Fail / Ground Fault (Line 2)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa PHONE LINE FAIL +++ACC aaaa GROUND FAULT +++ACC aaaa PHONE LINE=2 h1rrlssssssaaaasTsssCt <header>[#aaaa|NLT2]	
420	Phone Line Restoral (Line 1)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa PHONE RESTORAL +++ACC aaaa PHONE LINE=1 h1rrlssssssaaaasRsssBt <header>[#aaaa|NLR1]	
421	Phone Line Restoral (Line 2)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa PHONE RESTORAL +++ACC aaaa PHONE LINE=2 h1rrlssssssaaaasRsssCt <header>[#aaaa|NLR2]	
422	Point Bus Fail (No Area)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa PT BUS TROUBLE h1rrlssssssaaaasTsssDt <header>[#aaaa|NET]	
423	Point Bus Fail	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa PT BUS TROUBLE +++ACC aaaa AREA=aa h1rrlssssssaaaasTsssDt <header>[#aaaa|NriaaET]	
424	Point Bus Fail / Ground Fault	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa PT BUS TROUBLE +++ACC aaaa GROUND FAULT h1rrlssssssaaaasTsssDt <header>[#aaaa|NET]	

Table 98: Modem4/ModemIIIa² Messages

	Event	Device/Mode	Display/Explanation	Comments
425	Point Bus Restoral (No Area)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa PT BUS RESTORAL h1rrlsssssssaaaasRsssDt <header>[#aaaa|NER]	
426	Point Bus Restoral	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa PT BUS RESTORAL +++ACC aaaa AREA=aa h1rrlsssssssaaaasRsssDt <header>[#aaaa|NriaaER]	
427	Point Bypass (2112/2212)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa POINT BYPASS +++ACC aaaa POINT=ppp h1rrlsssssssaaaasNspppt <header>[#aaaa|NUBppp]	
428	Point Bypass	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa POINT BYPASS +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaasNspppt <header>[#aaaa|NriaUBppp]	
429	Point Bypass (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa POINT BYPASS +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaasNppppt <header>[#aaaa|NriaaUBpppp]	
430	Point Bypass / Fire	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa POINT BYPASS +++ACC aaaa FIRE POINT +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaasNspppt <header>[#aaaa|NriaFBppp]	
431	Point Bypass / Fire (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa POINT BYPASS +++ACC aaaa FIRE POINT +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaasNppppt <header>[#aaaa|NriaaFBpppp]	
432	Point Bypass / Supervisory	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa POINT BYPASS +++ACC aaaa SUPERVISORY POINT +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaasNspppt <header>[#aaaa|NriaSBppp]	
433	Point Bypass / Supervisory (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa POINT BYPASS +++ACC aaaa SUPERVISORY POINT +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaasNppppt <header>[#aaaa|NriaaSBpppp]	
434	Point Bypass / Waterflow	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa POINT BYPASS +++ACC aaaa WATERFLOW POINT +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaasNspppt <header>[#aaaa|NriaWBppp]	
435	Point Bypass / Waterflow (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa POINT BYPASS +++ACC aaaa WATERFLOW POINT +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaasNppppt <header>[#aaaa|NriaaWBpppp]	
436	Point Closing	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa POINT CLOSING +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaasCspppt <header>[#aaaa|NriaCZppp]	7
437	Point Closing (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa POINT CLOSING +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaasCppppt <header>[#aaaa|NriaaCZpppp]	
438	Point Opening	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa POINT OPENING +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaasOspppt <header>[#aaaa|NriaOZppp]	7
439	Point Opening (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa POINT OPENING +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaasOppppt <header>[#aaaa|NriaaOZpppp]	
440	Point Status Report (7112 only)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa BAD 9112 PACKET h1rrlsssssssaaaasXssssst <header>[#aaaa|N00]	
441	Printer Status / Off Line	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa PRINTR-OFF LINE +++ACC aaaa SDI=ddd h1rrlsssssssaaaaSTssssst <header>[#aaaa|NpidddVZ]	

Table 98: Modem4/ModemIIIa² Messages

	Event	Device/Mode	Display/Explanation	Comments
442	Printer Status / On Line	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa PRINTER-ON LINE +++ACC aaaa SDI=ddd h1rrlsssssssaaaaSTssssst <header>[#aaaa|NpidddVY]	
443	Printer Status / Paper In	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa PRINTR-PAPER IN +++ACC aaaa SDI=ddd h1rrlsssssssaaaaSTssssst <header>[#aaaa|NpidddVI]	
444	Printer Status / Paper Out	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa PRNTR-PAPER OUT +++ACC aaaa SDI=ddd h1rrlsssssssaaaaSTssssst <header>[#aaaa|NpidddVO]	
445	Programmer Bypass	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa PROGRAMR BYPASS +++ACC aaaa AREA=a POINT=ppp SDI=ddd h1rrlsssssssaaaasNspppt <header>[#aaaa|Nria/pidddUBppp]	
446	Programmer Bypass (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa PROGRAMR BYPASS +++ACC aaaa AREA=aa POINT=pppp SDI=ddd h1rrlsssssssaaaasNppppt <header>[#aaaa|Nriaa/pidddUBpppp]	
447	Re-Boot	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RE-BOOT h1rrlsssssssaaaasNsD14t <header>[#aaaa|NRR]	
448	Re-Boot / Power Up (4-digit Device) (Version text)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RE-BOOT +++ACC aaaa SDI=dddd COND=012 +++ACC aaaa xxxxxxxx Vx.xx h1rrlsssssssaaaasNsD14t <header>[#aaaa|NpidddRR012]	New Message
449	Re-Boot / Firmware Update (4-digit Device) (Version text / New Version)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RE-BOOT +++ACC aaaa SDI=dddd COND=013 +++ACC aaaa xxxxxxxx Vx.xx h1rrlsssssssaaaasNsD14t <header>[#aaaa|NpidddRR013]	New Message
450	Re-Boot (Device Specific)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RE-BOOT +++ACC aaaa SDI=ddd h1rrlsssssssaaaasNsD14t <header>[#aaaa|NpidddRR]	
451	Relay Reset by Programmer	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RELAY RESET +++ACC aaaa BY PROGRAMMER +++ACC aaaa RELAY#=rrr SDI=ddd h1rrlsssssssaaaasNsD22t <header>[#aaaa|NpidddROrrr]	
452	Relay Reset by Remote	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RELAY RESET +++ACC aaaa BY REMOTE +++ACC aaaa RELAY#=rrr h1rrlsssssssaaaasNsD24t <header>[#aaaa|NROrrr]	
453	Relay Reset by SKED	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RELAY RESET +++ACC aaaa BY SKED +++ACC aaaa RELAY#=rrr SKED=kkk h1rrlsssssssaaaasNsD20t <header>[#aaaa|NaikkkROrrr]	
454	Relay Reset by User	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RELAY RESET +++ACC aaaa BY USER +++ACC aaaa ID=iii RELAY#=rrr h1rrlsssssssaaaasNsD18t <header>[#aaaa|NidiiiROrrr]	
455	Relay Reset by User (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RELAY RESET +++ACC aaaa BY USER +++ACC aaaa ID=iiii RELAY#=rrr h1rrlsssssssaaaasNsD18t <header>[#aaaa|NidiiiiROrrr]	
456	Relay Reset by Programmer (4-digit Relay)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RELAY RESET +++ACC aaaa BY PROGRAMMER +++ACC aaaa RELAY#=rrrr SDI=ddd h1rrlsssssssaaaasNsD22t <header>[#aaaa|NpidddROrrrr]	
457	Relay Reset by Remote (4-digit Relay)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RELAY RESET +++ACC aaaa BY REMOTE +++ACC aaaa RELAY#=rrrr h1rrlsssssssaaaasNsD24t <header>[#aaaa|NROrrrr]	

Table 98: Modem4/ModemIIIa² Messages

	Event	Device/Mode	Display/Explanation	Comments
458	Relay Reset by SKED (4-digit Relay)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RELAY RESET +++ACC aaaa BY SKED +++ACC aaaa RELAY#=rrrr SKED=kkk h1rrlsssssssaaaasNsD20t <header>[#aaaa|NaikkkROrrrr]	
459	Relay Reset by User (4-digit Relay)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RELAY RESET +++ACC aaaa BY USER +++ACC aaaa ID=iii RELAY#=rrrr h1rrlsssssssaaaasNsD18t <header>[#aaaa|NidiiiROrrrr]	
460	Relay Reset by User (4-digit User / Relay)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RELAY RESET +++ACC aaaa BY USER +++ACC aaaa ID=iiii RELAY#=rrrr h1rrlsssssssaaaasNsD18t <header>[#aaaa|NidiiiiROrrrr]	
461	Relay Set by Programmer	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RELAY SET +++ACC aaaa BY PROGRAMMER +++ACC aaaa RELAY#=rrr SDI=ddd h1rrlsssssssaaaasNsD21t <header>[#aaaa|NpidddRCrrr]	
462	Relay Set by Remote	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RELAY SET +++ACC aaaa BY REMOTE +++ACC aaaa RELAY#=rrr h1rrlsssssssaaaasNsD23t <header>[#aaaa|NRCrrr]	
463	Relay Set by SKED	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RELAY SET +++ACC aaaa BY SKED +++ACC aaaa RELAY#=rrr SKED=kkk h1rrlsssssssaaaasNsD19t <header>[#aaaa|NaikkkRCrrr]	
464	Relay Set by User	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RELAY SET +++ACC aaaa BY USER +++ACC aaaa ID=iii RELAY#=rrr h1rrlsssssssaaaasNsD28t <header>[#aaaa|NidiiiRCrrr]	
465	Relay Set by User (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RELAY SET +++ACC aaaa BY USER +++ACC aaaa ID=iiii RELAY#=rrr h1rrlsssssssaaaasNsD28t <header>[#aaaa|NidiiiiRCrrr]	
466	Relay Set by Programmer (4-digit Relay)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RELAY SET +++ACC aaaa BY PROGRAMMER +++ACC aaaa RELAY#=rrrr SDI=ddd h1rrlsssssssaaaasNsD21t <header>[#aaaa|NpidddRCrrrr]	
467	Relay Set by Remote (4-digit Relay)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RELAY SET +++ACC aaaa BY REMOTE +++ACC aaaa RELAY#=rrrr h1rrlsssssssaaaasNsD23t <header>[#aaaa|NRCrrrr]	
468	Relay Set by SKED (4-digit Relay)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RELAY SET +++ACC aaaa BY SKED +++ACC aaaa RELAY#=rrrr SKED=kkk h1rrlsssssssaaaasNsD19t <header>[#aaaa|NaikkkRCrrrr]	
469	Relay Set by User (4-digit Relay)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RELAY SET +++ACC aaaa BY USER +++ACC aaaa ID=iii RELAY#=rrrr h1rrlsssssssaaaasNsD28t <header>[#aaaa|NidiiiRCrrrr]	
470	Relay Set by User (4-digit User / Relay)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RELAY SET +++ACC aaaa BY USER +++ACC aaaa ID=iiii RELAY#=rrrr h1rrlsssssssaaaasNsD28t <header>[#aaaa|NidiiiiRCrrrr]	
471	Remote Bypass / Callback	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RAM BYPASS +++ACC aaaa AREA=a POINT=ppp PH#=hh h1rrlsssssssaaaasNspppt <header>[#aaaa|Nria/phhhUBppp]	
472	Remote Bypass / Callback (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RAM BYPASS +++ACC aaaa AREA=aa POINT=pppp PH#=hh h1rrlsssssssaaaasNppppt <header>[#aaaa|Nriaa/phhhUBpppp]	

Table 98: Modem4/ModemIIIa² Messages

	Event	Device/Mode	Display/Explanation	Comments
473	Remote Bypass	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RAM BYPASS +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaasNspppt <header>[#aaaa|NriaUBppp]	
474	Remote Bypass (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RAM BYPASS +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaasNppppt <header>[#aaaa|NriaaUBpppp]	
475	Remote Reset	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa REMOTE RESET h1rrlssssssaaaasNsD11t <header>[#aaaa|NRN]	
476	Restoral (2112/2212)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RESTORAL REPORT +++ACC aaaa POINT=ppp h1rrlssssssaaaasRspppt <header>[#aaaa|NBRppp]	
477	Restoral (Trouble / Missing / Non-Fire Supervision)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RESTORAL REPORT +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaasRspppt <header>[#aaaa|NriaBRppp]	
478	Restoral from Alarm	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RESTORE FRM ALM +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaasRspppt <header>[#aaaa|NriaBHppp]	
479	Restoral from Alarm (No Area)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RESTORE FRM ALM +++ACC aaaa POINT=ppp h1rrlssssssaaaasRspppt <header>[#aaaa|NBHppp]	
480	Restoral from Alarm (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RESTORE FRM ALM +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaasRppppt <header>[#aaaa|NriaaBHpppp]	
481	Restoral from Keyfob	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RESTORAL REPORT +++ACC aaaa KEYFOB +++ACC aaaa ID=iii h1rrlssssssaaaasRsD10t <header>[#aaaa|NidiiiUR]	
482	Restoral from Keyfob (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RESTORAL REPORT +++ACC aaaa KEYFOB +++ACC aaaa ID=iiii h1rrlssssssaaaasRsD10t <header>[#aaaa|NidiiiiUR]	
483	Restoral (Trouble / Missing / Non-Fire Supervision) (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RESTORAL REPORT +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaasRppppt <header>[#aaaa|NriaaBRpppp]	
484	RF Interference	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RF INTERFERENCE +++ACC aaaa SDI=ddd h1rrlssssssaaaasTsD08t <header>[#aaaa|NpidddXQ]	
485	RF Interference Restoral	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RF INTRFER-REST +++ACC aaaa SDI=ddd h1rrlssssssaaaasRsD08t <header>[#aaaa|NpidddXH]	
486	RF Receiver Tamper (2212)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RCVR TAMPER +++ACC aaaa SDI=ddd h1rrlssssssaaaasXss35t <header>[#aaaa|NpidddXS]	
487	RF Receiver Tamper Restoral (2212)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RCVR TAMPR REST +++ACC aaaa SDI=ddd h1rrlssssssaaaasXss36t <header>[#aaaa|NpidddXJ]	
488	RF Receiver Trouble (2212)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RCVR TROUBLE +++ACC aaaa SDI=ddd h1rrlssssssaaaasTsD17t <header>[#aaaa|NpidddET]	
489	RF Receiver Trouble Restoral (2212)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RCVR TBL RESTOR +++ACC aaaa SDI=ddd h1rrlssssssaaaasRsD17t <header>[#aaaa|NpidddER]	
490	RF Transmitter Battery Restoral (2212)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RF BATT RESTORE +++ACC aaaa POINT=ppp h1rrlssssssaaaasRspppt <header>[#aaaa|NXRppp]	

Table 98: Modem4/ModemIIIa² Messages

	Event	Device/Mode	Display/Explanation	Comments
491	RF Transmitter Battery Restoral	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RF BATT RESTORE +++ACC aaaa SDI=ddd h1rrlssssssaaaasRsD10t <header>[#aaaa|NpidddXR]	
492	RF Transmitter Battery Restoral from Keyfob	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RF BATT RESTORE +++ACC aaaa KEYFOB +++ACC aaaa ID=iii h1rrlssssssaaaasRsD10t <header>[#aaaa|NidiiiXR]	
493	RF Transmitter Battery Restoral from Keyfob (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RF BATT RESTORE +++ACC aaaa KEYFOB +++ACC aaaa ID=iiii h1rrlssssssaaaasRsD10t <header>[#aaaa|NidiiiiXR]	
494	RF Transmitter Battery Restoral	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RF BATT RESTORE +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaasRsppt <header>[#aaaa|NriaXRppp]	
495	RF Transmitter Battery Restoral (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RF BATT RESTORE +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaasRppppt <header>[#aaaa|NriaaXRpppp]	
496	RF Transmitter Low Battery (2212)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RF BATTERY LOW +++ACC aaaa POINT=ppp h1rrlssssssaaaasTsppt <header>[#aaaa|NXTppp]	
497	RF Transmitter Low Battery	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RF BATTERY LOW +++ACC aaaa SDI=ddd h1rrlssssssaaaasTsD10t <header>[#aaaa|NpidddXT]	
498	RF Transmitter Low	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RF BATTERY LOW +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaasTsppt <header>[#aaaa|NriaXTppp]	
499	RF Transmitter Low Battery (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RF BATTERY LOW +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaasTppppt <header>[#aaaa|NriaaXTpppp]	
500	RF Transmitter Low Battery from Keyfob	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RF BATTERY LOW +++ACC aaaa KEYFOB +++ACC aaaa ID=iii h1rrlssssssaaaasTsD10t <header>[#aaaa|NidiiiXT]	
501	RF Transmitter Low Battery from Keyfob (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RF BATTERY LOW +++ACC aaaa KEYFOB +++ACC aaaa ID=iiii h1rrlssssssaaaasTsD10t <header>[#aaaa|NidiiiiXT]	
502	RF Transmitter Tamper Alarm (2212)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RF TAMPER ALARM +++ACC aaaa POINT=ppp h1rrlssssssaaaasAsppt <header>[#aaaa|NTAppp]	
503	RF Transmitter Tamper Alarm	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RF TAMPER ALARM +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaasAsppt <header>[#aaaa|NriaTAppp]	
504	RF Transmitter Tamper Alarm (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RF TAMPER ALARM +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaasAppppt <header>[#aaaa|NriaaTApppp]	
505	RF Transmitter Tamper Restoral (2212)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RF TMPR RSTORAL +++ACC aaaa POINT=ppp h1rrlssssssaaaasRsppt <header>[#aaaa|NTRppp]	
506	RF Transmitter Tamper Restoral	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RF TMPR RSTORAL +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaasRsppt <header>[#aaaa|NriaTRppp]	
507	RF Transmitter Tamper Restoral (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RF TMPR RSTORAL +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaasRppppt <header>[#aaaa|NriaaTRpppp]	

Table 98: Modem4/ModemIIIa² Messages

	Event	Device/Mode	Display/Explanation	Comments
508	RF Transmitter Tamper Trouble (2212)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RF TMPR TROUBLE +++ACC aaaa POINT=ppp h1rrlssssssaaaasTspppt <header>[#aaaa|NTTppp]	
509	RF Transmitter Tamper Trouble	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RF TMPR TROUBLE +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaasTspppt <header>[#aaaa|NriaTTppp]	
510	RF Transmitter Tamper Trouble (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RF TMPR TROUBLE +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaasTppppt <header>[#aaaa|NriaaTTpppp]	
511	SDI Bus Fail / Ground Fault	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa SDI FAILURE +++ACC aaaa GROUND FAULT +++ACC aaaa SDI=ddd h1rrlssssssaaaasTsssDt <header>[#aaaa|NpidddET]	
512	SDI Bus Fail	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa SDI FAILURE +++ACC aaaa SDI=ddd h1rrlssssssaaaasTsssDt <header>[#aaaa|NpidddET]	
513	SDI Bus Restoral / Ground Fault	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa SDI RESTORAL +++ACC aaaa GROUND FAULT +++ACC aaaa SDI=ddd h1rrlssssssaaaasRsssDt <header>[#aaaa|NpidddER]	
514	SDI Bus Restoral	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa SDI RESTORAL +++ACC aaaa SDI=ddd h1rrlssssssaaaasRsssDt <header>[#aaaa|NpidddER]	
515	SDI Device AC Failure	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DEVICE AC FAIL +++ACC aaaa SDI=ddd h1rrlssssssaaaasTsssDt <header>[#aaaa|NpidddEP]	
516	SDI Device AC Restoral	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DEV AC RESTORE +++ACC aaaa SDI=ddd h1rrlssssssaaaasRsssDt <header>[#aaaa|NpidddEQ]	
517	SDI Device Battery Trouble	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DEVICE BAT TRBL +++ACC aaaa SDI=ddd h1rrlssssssaaaasTsssDt <header>[#aaaa|NpidddEB]	
518	SDI Device Low Battery (4-digit Device)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DEVICE LOW BATT +++ACC aaaa BATT=bb SDI=dddd h1rrlssssssaaaasTsssDt <header>[#aaaa|NpiddddEBbb]	New Message
519	SDI Device Low Battery Restore (4-digit Device)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa LOW BAT RESTORE +++ACC aaaa BATT=bb SDI=dddd h1rrlssssssaaaasRsssDt <header>[#aaaa|NpidddEVbb]	New Message
520	SDI Device Missing	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DEVICE MISSING +++ACC aaaa SDI=ddd h1rrlssssssaaaasTsssDt <header>[#aaaa|NpidddEM]	
521	SDI Device Missing (4-digit Device)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DEVICE MISSING +++ACC aaaa SDI=dddd h1rrlssssssaaaasTsssDt <header>[#aaaa|NpidddEM]	New Message
522	SDI Device Missing Restore	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DEV MISSING RST +++ACC aaaa SDI=ddd h1rrlssssssaaaasRsssDt <header>[#aaaa|NpidddEN]	
523	SDI Device Missing Restore (4-digit Device)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DEV MISSING RST +++ACC aaaa SDI=dddd h1rrlssssssaaaasRsssDt <header>[#aaaa|NpidddEN]	New Message
524	SDI Device Missing Battery (4-digit Device)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DEVICE MIS BATT +++ACC aaaa BATT=bb SDI=dddd h1rrlssssssaaaasTsssDt <header>[#aaaa|NpidddEBbb]	New Message

Table 98: Modem4/ModemIIIa² Messages

	Event	Device/Mode	Display/Explanation	Comments
525	SDI Device Missing Battery Reset (4-digit Device)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa MISS BATT REST +++ACC aaaa BATT=bb SDI=dddd h1rrlsssssssaaaasRsssDt <header>[#aaaa|NpiddddEVbb]	New Message
526	SDI Device Low Battery Restoral	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DEV BAT RESTORE +++ACC aaaa SDI=ddd h1rrlsssssssaaaasRsssDt <header>[#aaaa|NpidddEV]	
527	SDI Device Missing (4-digit Device)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DEVICE MISSING +++ACC aaaa SDI=dddd h1rrlsssssssaaaasTsssDt <header>[#aaaa|NpiddddEM]	New Message
528	SDI Device Missing Restore (4-digit Device)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DEV MISSING RST +++ACC aaaa SDI=dddd h1rrlsssssssaaaasRsssDt <header>[#aaaa|NpiddddEN]	New Message
529	SDI Device Trouble	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DEVICE TROUBLE +++ACC aaaa SDI=ddd h1rrlsssssssaaaasTsssDt <header>[#aaaa|NpidddET]	
530	SDI Device Trouble Restore	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa DEV TROUBLE RST +++ACC aaaa SDI=ddd h1rrlsssssssaaaasRsssDt <header>[#aaaa|NpidddER]	
531	Sensor Reset	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa SENSOR RESET +++ACC aaaa AREA=a ID=iii RELAY#=rrr h1rrlsssssssaaaasNsD27t <header>[#aaaa|Nria/idiiiXIrrr]	4
532	Sensor Reset (4-digit Relay)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa SENSOR RESET +++ACC aaaa AREA=aa ID=iii RELAY#=rrrr h1rrlsssssssaaaasNsD27t <header>[#aaaa|Nriaa/idiiiXIrrrr]	
533	Sensor Reset (4-digit User / Device)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa SENSOR RESET +++ACC aaaa AREA=a ID=iiii RELAY#=rrrr h1rrlsssssssaaaasNsD27t <header>[#aaaa|Nria/idiiiiXIrrrr]	
534	Sensor Reset	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa SENSOR RESET +++ACC aaaa AREA=aa ID=iii RELAY#=rrr h1rrlsssssssaaaasNsD27t <header>[#aaaa|Nriaa/idiiiXIrrr]	
535	Sensor Reset (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa SENSOR RESET +++ACC aaaa AREA=aa ID=iiii RELAY#=rrr h1rrlsssssssaaaasNsD27t <header>[#aaaa|Nriaa/idiiiiXIrrr]	
536	Sensor Restore	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa SENSOR RESTORE +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaaRQspppt <header>[#aaaa|NriaXNppp]	
537	Sensor Restore (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa SENSOR RESTORE +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaaRQppppt <header>[#aaaa|NriaaXNpppp]	
538	Sensor Trouble	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa SENSOR TROUBLE +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaasQspppt <header>[#aaaa|NriaXKppp]	
539	Sensor Trouble (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa SENSOR TROUBLE +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaasQppppt <header>[#aaaa|NriaaXKpppp]	
540	Service Bypass (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa SERVICE BYPASS +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaasNppppt <header>[#aaaa|NriaaUBpppp]	New Message
541	Service Bypass Restore (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa SERVICE RESTORE +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaaRBppppt <header>[#aaaa|NriaaUUpppp]	New Message
542	Service End (2212)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa SERVICE END h1rrlsssssssaaaasRsssFt <header>[#aaaa|NTE]	

Table 98: Modem4/ModemIIIa² Messages

	Event	Device/Mode	Display/Explanation	Comments
543	Service End	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa SERVICE END +++ACC aaaa AREA=a h1rrlssssssaaaasRsssFt <header>[#aaaa|NriaTE]	
544	Service End (No Area)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa SERVICE END +++ACC aaaa ID=iii h1rrlssssssaaaasRsssFt <header>[#aaaa|NidiiiTE]	
545	Service Request	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa SERVICE REQUEST h1rrlsssssssaaaasNsD45t <header>[#aaaa|NYX]	
546	Service Start (2212)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa SERVICE START h1rrlsssssssaaaasTsssFt <header>[#aaaa|NTS]	
547	Service Start by User	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa SERVICE START +++ACC aaaa AREA=a ID=iii h1rrlsssssssaaaasTsssFt <header>[#aaaa|Nria/idiiiTS]	
548	Service Start	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa SERVICE START +++ACC aaaa AREA=a h1rrlsssssssaaaasTsssFt <header>[#aaaa|NriaTS]	
549	Service Start (No Area)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa SERVICE START +++ACC aaaa ID=iii h1rrlsssssssaaaasTsssFt <header>[#aaaa|NidiiiTS]	
550	Service Start by User (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa SERVICE START +++ACC aaaa AREA=aa ID=iiii h1rrlsssssssaaaasTsssFt <header>[#aaaa|Nriaa/idiiiiTS]	
551	SKED Bypass	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa SKED BYPASS +++ACC aaaa AREA=a POINT=ppp SKED=kkk h1rrlsssssssaaaasNspppt <header>[#aaaa|Nria/aikkkUBppp]	
552	SKED Bypass (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa SKED BYPASS +++ACC aaaa AREA=aa POINT=pppp SKED=kkk h1rrlsssssssaaaasNppppt <header>[#aaaa|Nriaa/aikkkUBpppp]	
553	SKED Changed	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa SKED CHANGED +++ACC aaaa SKED=kkk h1rrlsssssssaaaasNsD06t <header>[#aaaa|NaikkkJS]	
554	SKED Changed by User	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa SKED CHANGED +++ACC aaaa ID=iii SKED=kkk h1rrlsssssssaaaasNsD06t <header>[#aaaa|Nidiii/aikkkJS]	
555	SKED Changed by User (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa SKED CHANGED +++ACC aaaa ID=iiii SKED=kkk h1rrlsssssssaaaasNsD06t <header>[#aaaa|Nidiiii/aikkkJS]	
556	SKED Executed	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa SKED EXECUTED +++ACC aaaa SKED=kkk h1rrlsssssssaaaasNsD25t <header>[#aaaa|NaikkkJR]	
557	Status: Alarm	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:ALARM +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaaSAspppt <header>[#aaaa|OriaBAppp]	
558	Status: Alarm (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:ALARM +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaaSApppptt <header>[#aaaa|OriaaBApppp]	
559	Status: Analog Service	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:ANALOG SERVCE +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaaSTspppt <header>[#aaaa|OriaASppp]	
560	Status: Analog Service (Level & Value)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:ANALOG SERVCE +++ACC aaaa AREA=a POINT=ppp +++ACC aaaa LEVEL=lll VALUE=vvv h1rrlsssssssaaaaSTspppt <header>[#aaaa|Oria/lvlll/vavvvASppp]	

Table 98: Modem4/ModemIIIa² Messages

	Event	Device/Mode	Display/Explanation	Comments
561	Status: Analog Service (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:ANALOG SERVCE +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaaSTppppt <header>[#aaaa|OriaaASpppp]	
562	Status: Analog Service (Level & Value) (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:ANALOG SERVCE +++ACC aaaa AREA=aa POINT=pppp +++ACC aaaa LEVEL=lll VALUE=vvv h1rrlssssssaaaaSTppppt <header>[#aaaa|Oriaa/lvlll/vavvvASpppp]	
563	Status: Close by Area	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:CLOSING +++ACC aaaa AREA=a h1rrlssssssaaaaSCsssst <header>[#aaaa|OriaCL]	
564	Status: Door Forced	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:DOOR FORCED +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaaSAspppt <header>[#aaaa|OriaDFppp]	
565	Status: Door Forced (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:DOOR FORCED +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaaSAppppt <header>[#aaaa|OriaaDFpppp]	
566	Status: Door Left Open	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:DR LEFT OPEN +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaaSIspppt <header>[#aaaa|OriaDNppp]	
567	Status: Door Left Open (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:DR LEFT OPEN +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaaSIppppt <header>[#aaaa|OriaaDNpppp]	
568	Status: Fire Alarm	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:FIRE ALARM +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaaSFspppt <header>[#aaaa|OriaFAppp]	
569	Status: Fire Alarm / Cross Point	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:FIRE ALARM +++ACC aaaa CROSS POINT +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaaSFspppt <header>[#aaaa|OriaFAppp]	
570	Status: Fire Alarm / Smoke Detector	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:FIRE ALARM +++ACC aaaa SMOKE DETECTOR +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaaSFspppt <header>[#aaaa|OriaFAppp]	
571	Status: Fire Alarm / High Temp Sensor	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:FIRE ALARM +++ACC aaaa HIGH TEMPERATURE SENSOR +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaaSFspppt <header>[#aaaa|OriaFAppp]	
572	Status: Fire Alarm / Waterflow Sensor	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:FIRE ALARM +++ACC aaaa WATER FLOW SENSOR +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaaSFspppt <header>[#aaaa|OriaFAppp]	
573	Status: Fire Alarm (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:FIRE ALARM +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaaSFppppt <header>[#aaaa|OriaaFApppp]	
574	Status: Fire Alarm / Cross Point (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:FIRE ALARM +++ACC aaaa CROSS POINT +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaaSFppppt <header>[#aaaa|OriaaFApppp]	
575	Status: Fire Alarm / Smoke Detector (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:FIRE ALARM +++ACC aaaa SMOKE DETECTOR +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaaSFppppt <header>[#aaaa|OriaaFApppp]	
576	Status: Fire Alarm / High Temp Sensor (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:FIRE ALARM +++ACC aaaa HIGH TEMPERATURE SENSOR +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaaSFppppt <header>[#aaaa|OriaaFApppp]	

Table 98: Modem4/ModemIIIa² Messages

	Event	Device/Mode	Display/Explanation	Comments
577	Status: Fire Alarm / Waterflow Sensor (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:FIRE ALARM +++ACC aaaa WATER FLOW SENSOR +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaaSFppppt <header>[#aaaa|OriaaFApppp]	
578	Status: Fire Missing	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:FIRE MISSING +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaaSZspppt <header>[#aaaa|OriaFYppp]	
579	Status: Fire Missing (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:FIRE MISSING +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaaSZppppt <header>[#aaaa|OriaaFYpppp]	
580	Status: Fire Supervision	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:FIRE SUPRVISN +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaaSEspppt <header>[#aaaa|OriaFSppp]	
581	Status: Fire Supervision (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:FIRE SUPRVISN +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaaSEppppt <header>[#aaaa|OriaaFSpppp]	
582	Status: Fire Supervision / Waterflow Sensor	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:FIRE SUPRVISN +++ACC aaaa WATER FLOW SENSOR +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaaSEspppt <header>[#aaaa|OriaFSppp]	
583	Status: Fire Supervision / Waterflow Sensor (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:FIRE SUPRVISN +++ACC aaaa WATER FLOW SENSOR +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaaSEppppt <header>[#aaaa|OriaaFSpppp]	
584	Status: Fire Trouble	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:FIRE TROUBLE +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaaSGspppt <header>[#aaaa|OriaFTppp]	
585	Status: Fire Trouble / Smoke Detector	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:FIRE TROUBLE +++ACC aaaa SMOKE DETECTOR +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaaSGspppt <header>[#aaaa|OriaFTppp]	
586	Status: Fire Trouble / High Temp Sensror	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:FIRE TROUBLE +++ACC aaaa HIGH TEMPERATURE SENSOR +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaaSGspppt <header>[#aaaa|OriaFTppp]	
587	Status: Fire Trouble / Waterflow Sensor	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:FIRE TROUBLE +++ACC aaaa WATER FLOW SENSOR +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaaSGspppt <header>[#aaaa|OriaFTppp]	
588	Status: Fire Trouble (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:FIRE TROUBLE +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaaSGppppt <header>[#aaaa|OriaaFTpppp]	
589	Status: Fire Trouble / Smoke Detector (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:FIRE TROUBLE +++ACC aaaa SMOKE DETECTOR +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaaSGppppt <header>[#aaaa|OriaaFTpppp]	
590	Status: Fire Trouble / High Temp Sensor (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:FIRE TROUBLE +++ACC aaaa HIGH TEMPERATURE SENSOR +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaaSGppppt <header>[#aaaa|OriaaFTpppp]	
591	Status: Fire Trouble / Waterflow Sensor (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:FIRE TROUBLE +++ACC aaaa WATER FLOW SENSOR +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaaSGppppt <header>[#aaaa|OriaaFTpppp]	
592	Status: Gas Alarm (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:GAS ALARM +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaaSApppt <header>[#aaaa|NriaaGApppp]	New Message

Table 98: Modem4/ModemIIIa² Messages

	Event	Device/Mode	Display/Explanation	Comments
593	Status: Gas Missing (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:GAS MISSING +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaaSVspppt <header>[#aaaa|NriaaUZppp]	New Message
594	Status: Gas Supervisory (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:GAS SUPV +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaaSJspppt <header>[#aaaa|NriaaGSppp]	New Message
595	Status: Gas Trouble (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:GAS TROUBLE +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaaSTppppt <header>[#aaaa|NriaaGTpppp]	New Message
596	Status: High Temp Alarm (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S: HIGH-TEMP ALM +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaaSJppppt <header>[#aaaa|NriaaKApppp]	New Message
597	Status: Hold-Up Alarm (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:HOLD-UP ALARM +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaaSDppppt <header>[#aaaa|NriaaHApppp]	New Message
598	Status: Hold-Up Missing (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:HOLD-UP MISS +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaaSVppppt <header>[#aaaa|NriaaUZpppp]	New Message
599	Status: Hold-Up Supervisory	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:HOLD-UP TRL +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaaSTppppt <header>[#aaaa|NriaaHTpppp]	New Message
600	Status: Hold-Up Trouble (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:HOLD-UP TRL +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaaSTppppt <header>[#aaaa|NriaaHTpppp]	New Message
601	Status: Missing Alarm	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:MISSING ALARM +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaaSZspppt <header>[#aaaa|OriaUZppp]	
602	Status: Missing Alarm (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:MISSING ALARM +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaaSZppppt <header>[#aaaa|OriaaUZpppp]	
603	Status: Missing Fire Supervision	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:MIS FIR SUPRV +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaaSYspppt <header>[#aaaa|OriaFZppp]	
604	Status: Missing Fire Supervision / Waterflow Sensor	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:MIS FIR SUPRV +++ACC aaaa WATER FLOW SENSOR +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaaSYspppt <header>[#aaaa|OriaFZppp]	
605	Status: Missing Fire Supervision (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:MIS FIR SUPRV +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaaSYppppt <header>[#aaaa|OriaaFZpppp]	
606	Status: Missing Fire Supervision / Waterflow Sensor (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:MIS FIR SUPRV +++ACC aaaa WATER FLOW SENSOR +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaaSYppppt <header>[#aaaa|OriaaFZpppp]	
607	Status: Missing Supervision	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:MISS SUPRVISN +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaaSYspppt <header>[#aaaa|OriaBZppp]	
608	Status: Missing Supervision (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:MISS SUPRVISN +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaaSYppppt <header>[#aaaa|OriaaBZpppp]	
609	Status: Missing Trouble	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:MISSING TRBL +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaaSVspppt <header>[#aaaa|OriaUYppp]	

Table 98: Modem4/ModemIIIa² Messages

	Event	Device/Mode	Display/Explanation	Comments
610	Status: Missing Trouble (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:MISSING TRBL +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaaSVppppt <header>[#aaaa|OriaaUYpppp]	
611	Status: Open by Area	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:OPENING +++ACC aaaa AREA=a h1rrlsssssssaaaaSOssssst <header>[#aaaa|OriaOP]	
612	Status: Perimeter Delay by Area	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:PERIM DELAY +++ACC aaaa AREA=a h1rrlsssssssaaaaSCssssst <header>[#aaaa|OriaNL]	
613	Status: Perimeter Instant by Area	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:PERIM INSTANT +++ACC aaaa AREA=a h1rrlsssssssaaaaSCssssst <header>[#aaaa|OriaNL]	
614	Status: RF Transmitter Low Battery (Device Specific)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:RF BATTRY LOW +++ACC aaaa SDI=ddd h1rrlsssssssaaaaSTsD10t <header>[#aaaa|OpidddXT]	
615	Status: RF Transmitter Low Battery	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:RF BATTRY LOW +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaaSTspppt <header>[#aaaa|OriaXTppp]	
616	Status: RF Transmitter Low Battery (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:RF BATTRY LOW +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaaSTppppt <header>[#aaaa|OriaaXTpppp]	
617	Status: RF Transmitter Tamper Alarm	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:RF TMPR-ALARM +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaaSAspppt <header>[#aaaa|OriaTAppp]	
618	Status: RF Transmitter Tamper Alarm (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:RF TMPR-ALARM +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaaSApppptt <header>[#aaaa|OriaaTApppp]	
619	Status: RF Transmitter Tamper Trouble	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:RF TMPR-TRBL +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaaSTspppt <header>[#aaaa|OriaTAppp]	
620	Status: RF Transmitter Tamper Trouble (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:RF TMPR-TRBL +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaaSTppppt <header>[#aaaa|OriaaTApppp]	
621	Status: Supervision	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:SUPERVISION +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaaSTspppt <header>[#aaaa|OriaBSppp]	
622	Status: Supervision (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:SUPERVISION +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaaSTppppt <header>[#aaaa|OriaaBSpppp]	
623	Status: Trouble	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:TROUBLE +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaaSTspppt <header>[#aaaa|OriaBTppp]	
624	Status: Trouble (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S:TROUBLE +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaaSTppppt <header>[#aaaa|OriaaBTpppp]	
625	Status: Water Alarm (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa S: Water Alarm +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaaSJppppt <header>[#aaaa|OriaaWApppp]	New Message
626	Supervision(Non-Fire)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa SUPERVISION +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaasJspppt <header>[#aaaa|NriaBSppp]	
627	Supervision / Ground Fault (Non-Fire)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa SUPERVISION +++ACC aaaa GROUND FAULT +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaasJspppt <header>[#aaaa|NriaBSppp]	

Table 98: Modem4/ModemIIIa² Messages

	Event	Device/Mode	Display/Explanation	Comments
628	Supervision (Non Fire) (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa SUPERVISION +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaasJppppt <header>[#aaaa|NriaaBSpppp]	
629	Supervision / Ground Fault (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa SUPERVISION +++ACC aaaa GROUND FAULT +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaasJppppt <header>[#aaaa|NriaaBSpppp]	
630	Swinger Bypass	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa SWINGER BYPASS +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaasNspppt <header>[#aaaa|NriaUBppp]	
631	Swinger Bypass (2112/2212)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa SWINGER BYPASS +++ACC aaaa POINT=ppp h1rrlssssssaaaasNspppt <header>[#aaaa|NUBppp]	
632	Swinger Bypass (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa SWINGER BYPASS +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaasNppppt <header>[#aaaa|NriaaUBpppp]	
633	Swinger Bypass (7112)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa SWINGER BYPASS h1rrlsssssssaaaasNssssst <header>[#aaaa|NUB]	
634	Tamper Alarm (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa TAMPER ALARM +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaasAppppt <header>[#aaaa|NriaaTApppp]	New Message
635	Tamper Alarm Restore (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa TAMPER RESTORE +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaasRppppt <header>[#aaaa|NriaaTHpppp]	New Message
636	Test Failed	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa TEST FAILED +++ACC aaaa PATH=ppp COND=nnn h1rrlsssssssaaaasTsD49t <header>[#aaaa|NpapppXXnnn]	

Table 98: Modem4/ModemIIIa² Messages

	Event	Device/Mode	Display/Explanation	Comments
637	Test-Off Normal Expanded	Printer:	dd/dd tt:tt Lxx ACC aaaa TEST-OFF NORMAL	
			+++ACC aaaa LOG THRESHOLD	
			+++ACC aaaa LOG OVERFLOW	
			+++ACC aaaa PT BUS TROUBLE	
			+++ACC aaaa PROG ACCESS OK	
			+++ACC aaaa RF RCVR TROUBLE	
			+++ACC aaaa BAD CALL TO RAM	
			+++ACC aaaa USER TAMPER	
			+++ACC aaaa SDI FAILURE	
			+++ACC aaaa COMM FAILURE	
			+++ACC aaaa EQUIPMENT FAIL	
			+++ACC aaaa AC FAILURE	
			+++ACC aaaa BATTERY MISSING	
			+++ACC aaaa BATTERY LOW	
			+++ACC aaaa PARMS BAD CKSUM	
			+++ACC aaaa PHONE FAIL	
			+++ACC aaaa EXTRA RF POINT	
			+++ACC aaaa RF INTERFERENCE	
			+++ACC aaaa FIRE SUPERVISION	
			+++ACC aaaa ANALOG SERVICE	
			+++ACC aaaa FIRE FAULT	
			+++ACC aaaa CTRL POINT FAULT	
			+++ACC aaaa CHK DEVICE FAULT	
			+++ACC aaaa NETWORK FAILURE	
			+++ACC aaaa RF RCVR TAMPER	
		D6500 Mode:	h1rrlssssssaaaasRsssEt	
			h1rrlssssssaaaaSBssssst	
			h1rrlssssssaaaaSLssssst	
			h1rrlssssssaaaaSTssssst	
			h1rrlssssssaaaaSRssssst	
			h1rrlssssssaaaaSTssssst	
			h1rrlssssssaaaaSTssssst	
			h1rrlssssssaaaaSUssssst	
			h1rrlssssssaaaaSDssssst	
			h1rrlssssssaaaaSPssssst	
			h1rrlssssssaaaaSTssssst	
			h1rrlssssssaaaaSPssssst	
			h1rrlssssssaaaaSTssssst	
			h1rrlssssssaaaaSTssssst	
			h1rrlssssssaaaaSMssssst	
			h1rrlssssssaaaaSTssssst	
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			h1rrlssssssaaaaSTssssst	
			h1rrlssssssaaaaSXss35t	
		SIA Mode:	<header>[#aaaa|NRY]	
			<header>[#aaaa|OJL]	
			<header>[#aaaa|OJO]	
			<header>[#aaaa|OET]	
			<header>[#aaaa|OLS]	
			<header>[#aaaa|OET]	
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			<header>[#aaaa|OAS]	
			<header>[#aaaa|OFT]	
			<header>[#aaaa|OBT]	
			<header>[#aaaa|OBT]	
			<header>[#aaaa|ONT]	
			<header>[#aaaa|OXS]	

Table 98: Modem4/ModemIIIa² Messages

	Event	Device/Mode	Display/Explanation	Comments
638	Test Report Expanded	Printer:	dd/dd tt:tt Lxx ACC aaaa TEST REPORT	
			+++ACC aaaa LOG THRESHOLD	
			+++ACC aaaa LOG OVERFLOW	
			+++ACC aaaa PT BUS TROUBLE	
			+++ACC aaaa PROG ACCESS OK	
			+++ACC aaaa RF RCVR TROUBLE	
			+++ACC aaaa BAD CALL TO RAM	
			+++ACC aaaa USER TAMPER	
			+++ACC aaaa SDI FAILURE	
			+++ACC aaaa COMM FAILURE	
			+++ACC aaaa EQUIPMENT FAIL	
			+++ACC aaaa AC FAILURE	
			+++ACC aaaa BATTERY MISSING	
			+++ACC aaaa BATTERY LOW	
			+++ACC aaaa PARMS BAD CKSUM	
			+++ACC aaaa PHONE FAIL	
			+++ACC aaaa EXTRA RF POINT	
			+++ACC aaaa RF INTERFERENCE	
			+++ACC aaaa FIRE SUPERVISION	
			+++ACC aaaa ANALOG SERVICE	
			+++ACC aaaa FIRE FAULT	
			+++ACC aaaa CTRL POINT FAULT	
			+++ACC aaaa CHK DEVICE FAULT	
			+++ACC aaaa NETWORK FAILURE	
			+++ACC aaaa RF RCVR TAMPER	
		D6500 Mode:	h1rrlsssssssaaaasRsssEt	
			h1rrlsssssssaaaaSBssssst	
			h1rrlsssssssaaaaSLssssst	
			h1rrlsssssssaaaaSTssssst	
			h1rrlsssssssaaaaSRssssst	
			h1rrlsssssssaaaaSTssssst	
			h1rrlsssssssaaaaSTssssst	
			h1rrlsssssssaaaaSUssssst	
			h1rrlsssssssaaaaSDssssst	
			h1rrlsssssssaaaaSPssssst	
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			h1rrlsssssssaaaaSGssssst	
			h1rrlsssssssaaaaSTssssst	
			h1rrlsssssssaaaaSTssssst	
			h1rrlsssssssaaaaSTssssst	
			h1rrlsssssssaaaaSXss35t	
		SIA Mode:	<header>[#aaaa|NRP]	
			<header>[#aaaa|OJL]	
			<header>[#aaaa|OJO]	
			<header>[#aaaa|OET]	
			<header>[#aaaa|OLS]	
			<header>[#aaaa|OET]	
			<header>[#aaaa|ORA]	
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			<header>[#aaaa|ONT]	
			<header>[#aaaa|OXS]	

Table 98: Modem4/ModemIIIa² Messages

	Event	Device/Mode	Display/Explanation	Comments
639	Test Report (Non-Expanded)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa TEST REPORT h1rrlsssssssaaaasRsssEt <header>[#aaaa|NRP]	
640	Test Report / Off Normal (Non-Expanded)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa TEST-OFF NORMAL h1rrlsssssssaaaasRsssEt <header>[#aaaa|NRY]	
641	Time Changed by User	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa TIME CHANGED +++ACC aaaa ID=iii h1rrlsssssssaaaasNsD07t <header>[#aaaa|NidiiiJT]	
642	Time Changed	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa TIME CHANGED h1rrlsssssssaaaasNsD07t <header>[#aaaa|NJT]	
643	Time Changed by User (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa TIME CHANGED +++ACC aaaa ID=iiii h1rrlsssssssaaaasNsD07t <header>[#aaaa|NidiiiiJT]	
644	Trouble	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa TROUBLE REPORT +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaasTspppt <header>[#aaaa|NriaBTppp]	
645	Trouble (2112/2212)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa TROUBLE REPORT +++ACC aaaa POINT=ppp h1rrlsssssssaaaasTspppt <header>[#aaaa|NBTppp]	
646	Trouble / Ground Fault	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa TROUBLE REPORT +++ACC aaaa GROUND FAULT +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaasTspppt <header>[#aaaa|NriaBTppp]	
647	Trouble / Ground Fault (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa TROUBLE REPORT +++ACC aaaa GROUND FAULT +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaasTppppt <header>[#aaaa|NriaaBTpppp]	
648	Trouble / Door Forced	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa TROUBLE REPORT +++ACC aaaa DOOR FORCED +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaasTspppt <header>[#aaaa|NriaDJppp]	
649	Trouble / Door Forced (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa TROUBLE REPORT +++ACC aaaa DOOR FORCED +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaasTppppt <header>[#aaaa|NriaaDJpppp]	
650	Trouble (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa TROUBLE REPORT +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaasTppppt <header>[#aaaa|NriaaBTpppp]	
651	Unverified Event / Burg	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa UNVRFD EVT-BURG +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaasKspppt <header>[#aaaa|NriaBGppp]	
652	Unverified Event / Fire	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa UNVRFD EVT-FIRE +++ACC aaaa AREA=a POINT=ppp h1rrlsssssssaaaasKspppt <header>[#aaaa|NriaFGppp]	
653	Unverified Event / Burg	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa UNVRFD EVT-BURG +++ACC aaaa AREA=a CG=gg POINT=ppp h1rrlsssssssaaaasKspppt <header>[#aaaa|NriaBGppp]	
654	Unverified Event / Fire	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa UNVRFD EVT-FIRE +++ACC aaaa AREA=a CG=gg POINT=ppp h1rrlsssssssaaaasKspppt <header>[#aaaa|NriaFGppp]	
655	Unverified Event	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa UNVERFIED EVENT +++ACC aaaa AREA=a CG=gg POINT=ppp h1rrlsssssssaaaasKspppt <header>[#aaaa|NriaUGppp]	
656	Unverified Event / Burg (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa UNVRFD EVT-BURG +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaasKppppt <header>[#aaaa|NriaaBGpppp]	

Table 98: Modem4/ModemIIIa² Messages

	Event	Device/Mode	Display/Explanation	Comments
657	Unverified Event / Fire (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa UNVRFD EVT-FIRE +++ACC aaaa AREA=aa POINT=pppp h1rrlsssssssaaaasKppppt <header>[#aaaa|NriaaFGpppp]	
658	Unverified Event / Burg (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa UNVRFD EVT-BURG +++ACC aaaa AREA=aa CG=gg POINT=pppp h1rrlsssssssaaaasKppppt <header>[#aaaa|NriaaBGpppp]	
659	Unverified Event / Fire (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa UNVRFD EVT-FIRE +++ACC aaaa AREA=aa CG=gg POINT=pppp h1rrlsssssssaaaasKppppt <header>[#aaaa|NriaaFGpppp]	
660	User Alarm 7 by User	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa USER ALARM CMD7 +++ACC aaaa AREA=a ID=iii h1rrlsssssssaaaasUsss7t <header>[#aaaa|Nria/idiiiUA]	
661	User Alarm 7 (No User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa USER ALARM CMD7 +++ACC aaaa AREA=a h1rrlsssssssaaaasUsss7t <header>[#aaaa|NriaUA]	
662	User Alarm 7 by User (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa USER ALARM CMD7 +++ACC aaaa AREA=aa ID=iiii h1rrlsssssssaaaasUsss7t <header>[#aaaa|Nriaa/idiiiiUA]	
663	User Alarm 9 by User	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa USER ALARM CMD9 +++ACC aaaa AREA=a ID=iii h1rrlsssssssaaaasUsss9t <header>[#aaaa|Nria/idiiiPA]	
664	User Alarm 9 (No User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa USER ALARM CMD9 +++ACC aaaa AREA=a h1rrlsssssssaaaasUsss9t <header>[#aaaa|NriaPA]	
665	User Alarm 9 by User (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa USER ALARM CMD9 +++ACC aaaa AREA=aa ID=iiii h1rrlsssssssaaaasUsss9t <header>[#aaaa|Nriaa/idiiiiPA]	
666	User Code Added by User	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa USER CODE ADDED +++ACC aaaa CODE ID=ccc ID=iii h1rrlsssssssaaaasNsD38t <header>[#aaaa|NidiiiJYccc]	
667	User Code Added by User (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa USER CODE ADDED +++ACC aaaa CODE ID=cccc ID=iiii h1rrlsssssssaaaasNsD38t <header>[#aaaa|NidiiiiJYcccc]	
668	User Code Changed by User	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa USR CODE CHANGE +++ACC aaaa CODE ID=ccc ID=iii h1rrlsssssssaaaasNsD04t <header>[#aaaa|NidiiiJVccc]	
669	User Code Changed by User (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa USR CODE CHANGE +++ACC aaaa CODE ID=cccc ID=iiii h1rrlsssssssaaaasNsD04t <header>[#aaaa|NidiiiiJVcccc]	
670	User Code Deleted by User	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa USR CODE DELETE +++ACC aaaa CODE ID=ccc ID=iii h1rrlsssssssaaaasNsD05t <header>[#aaaa|NidiiiJXccc]	
671	User Code Deleted (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa USR CODE DELETE +++ACC aaaa CODE ID=cccc h1rrlsssssssaaaasNsD05t <header>[#aaaa|NJXcccc]	
672	User Code Deleted by User (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa USR CODE DELETE +++ACC aaaa CODE ID=cccc ID=iiii h1rrlsssssssaaaasNsD05t <header>[#aaaa|NidiiiiJXcccc]	
673	User Code Tamper (5 attmpts in 5min)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa USR CODE TAMPER +++ACC aaaa AREA=a h1rrlsssssssaaaasNsD03t <header>[#aaaa|NriaJA]	
674	User Code Tamper (2112/2212)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa USR CODE TAMPER h1rrlsssssssaaaasNsD03t <header>[#aaaa|NJA]	

Table 98: Modem4/ModemIIIa² Messages

	Event	Device/Mode	Display/Explanation	Comments
675	User Level Set by User	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa USER LEVEL SET +++ACC aaaa CODE ID=ccc ID=iii h1rrlssssssaaaasNsD40t <header>[#aaaa|NidiiiJZccc]	
676	User Level Set	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa USER LEVEL SET +++ACC aaaa CODE ID=cccc h1rrlssssssaaaasNsD40t <header>[#aaaa|NJZcccc]	
677	User Level Set by User (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa USER LEVEL SET +++ACC aaaa CODE ID=cccc ID=iiii h1rrlssssssaaaasNsD40t <header>[#aaaa|NidiiiiJZcccc]	
678	Valid Access	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa PROG ACCESS OK h1rrlssssssaaaasRsF01t <header>[#aaaa|NLS]	
679	Valid Access (SDI Device / D5360)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa PROG ACCESS OK +++ACC aaaa SDI=ddd h1rrlssssssaaaasRsF01t <header>[#aaaa|NpidddLS]	
680	Valid Remote Access (2112/2212)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RAM ACCESS OK h1rrlssssssaaaasRsssFt <header>[#aaaa|NRS]	
681	Valid Remote Access / Callback	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa RAM ACCESS OK +++ACC aaaa PH#=hh h1rrlssssssaaaasRsssFt <header>[#aaaa|NphhhRS]	
682	Walk Test End by User (Invisible Points)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa WALK TEST END +++ACC aaaa INVISIBLE POINTS +++ACC aaaa AREA=a ID=iii h1rrlssssssaaaasRsssFt <header>[#aaaa|Nria/idiiiTE]	
683	Walk Test End by User (Invisible Points) (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa WALK TEST END +++ACC aaaa INVISIBLE POINTS +++ACC aaaa AREA=aa ID=iiii h1rrlssssssaaaasRsssFt <header>[#aaaa|Nriaa/idiiiiTE]	
684	Walk Test End (No User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa WALK TEST END +++ACC aaaa AREA=a h1rrlssssssaaaasRsssFt <header>[#aaaa|NriaTE]	
685	Walk Test End by User	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa WALK TEST END +++ACC aaaa AREA=a ID=iii h1rrlssssssaaaasRsssFt <header>[#aaaa|Nria/idiiiTE]	
686	Walk Test End by User (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa WALK TEST END +++ACC aaaa AREA=aa ID=iiii h1rrlssssssaaaasRsssFt <header>[#aaaa|Nriaa/idiiiiTE]	
687	Walk Test Point	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa WALK TEST PT +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaasZspppt <header>[#aaaa|NriaBXppp]	
688	Walk Test Point (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa WALK TEST PT +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaasZppppt <header>[#aaaa|NriaaBXpppp]	
689	Walk Test Point / Fire	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa WALK TST PT-FIR +++ACC aaaa AREA=a POINT=ppp h1rrlssssssaaaasZspppt <header>[#aaaa|NriaFXppp]	
690	Walk Test Point / Fire (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa WALK TST PT-FIR +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaasZppppt <header>[#aaaa|NriaaFXpppp]	
691	Walk Test Start by User	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa WALK TEST START +++ACC aaaa AREA=a ID=iii h1rrlssssssaaaasTsssFt <header>[#aaaa|Nria/idiiiTS]	

Table 98: Modem4/ModemIIIa² Messages

	Event	Device/Mode	Display/Explanation	Comments
692	Walk Test Start by User (Invisible Points)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa WALK TEST START +++ACC aaaa INVISIBLE POINTS +++ACC aaaa AREA=a ID=iii h1rrlssssssaaaasTsssFt <header>[#aaaa|Nria/idiiiTS]	
693	Walk Test Start by User (Invisible Points) (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa WALK TEST START +++ACC aaaa INVISIBLE POINTS +++ACC aaaa AREA=aa ID=iiii h1rrlssssssaaaasTsssFt <header>[#aaaa|Nriaa/idiiiiTS]	
694	Walk Test Start	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa WALK TEST START +++ACC aaaa AREA=a h1rrlssssssaaaasTsssFt <header>[#aaaa|NriaTS]	
695	Walk Test Start by User (4-digit User)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa WALK TEST START +++ACC aaaa AREA=aa ID=iiii h1rrlssssssaaaasTsssFt <header>[#aaaa|Nriaa/idiiiiTS]	
696	Was Force Armed	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa WAS FORCE ARMED h1rrlssssssaaaasWssssst <header>[#aaaa|NCW]	
697	Watchdog Reset	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa WATCHDOG RESET h1rrlssssssaaaasNsD09t <header>[#aaaa|NYW]	
698	Watchdog Reset	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa WATCHDOG RESET +++ACC aaaa SDI=dddd +++ACC aaaa D9412GV4 V2.01 h1rrlssssssaaaasNsD09t <header>[#aaaa|NpiddddYW]	New Message
699	Watchdog Reset (Device Specific)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa WATCHDOG RESET +++ACC aaaa SDI=ddd h1rrlssssssaaaasNsD09t <header>[#aaaa|NpidddYW]	
700	Watchdog Reset (4-digit Device) (Version text)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa WATCHDOG RESET +++ACC aaaa SDI=dddd +++ACC aaaa xxxxxxxx Vx.xx h1rrlssssssaaaasNsD09t <header>[#aaaa|NpidddYW]	New Message
701	Water Alarm (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa WATER ALARM +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaasJppppt <header>[#aaaa|Nriaa/WApppp]	New Message
702	Water Alarm Restore (4-digit Point)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Lxx ACC aaaa WATER ALM REST +++ACC aaaa AREA=aa POINT=pppp h1rrlssssssaaaasRppppt <header>[#aaaa|Nriaa/WHpppp]	New Message

ZONEX and Comex Translation

These items supply additional information related to *Appendix C: Modem4/ModemIIIa² Messages*. Some of these numbered items are also referenced in the Comments section of *Appendix C*.

1. When **Point User Flag** is programmed to **Yes** in panel programming of panels that support this function, the zone and point information will be translated. The D6600/D6100 converts point data to ZONEX format and user IDs to Comex format. *Table 99* shows the translation of point data and *Table 100* shows the translation of User IDs. If **Point User Flag** is programmed to a **No** in the panel, then the zone and point information are sent as received.

Table 99: Point to ZONEX Translation

Point	ZONEX
001-008	100-800
009-024	101-116
025-040	201-216
041-056	301-316
057-072	401-416
073-088	501-516
089-104	601-616
105-120	701-716
121-136	801-816
137-152	117-132
153-168	217-232
169-184	317-332
185-200	417-432
201-216	517-532
217-232	617-632
233-247	717-731

Table 100: User ID to Comex Translation

ID	COMEX
0	0
1-5	001-005
0-13	601-608
14-21	701-708
22-29	801-808
30-37	B01-B08
38-45	C01-C08
46-53	D01-D08
54-61	E01-E08
62-69	F01-F08
70-249	000

2. When the D7112 is transmitting a test report in Modem II format, the area number is sent to the automation system if the output format is in SIA communications mode.

3. When transmitted by a D7112, the identification number, if any, also prints. Refer to *Forced Point* in the *D9112B Program Entry Guide* (P/N: 74-06145-000-D).

4. For these events, the area denotes the location of the keypad used to initiate the event (see Sensor Reset).

5. BFSK Format: For the D9112, unless otherwise specified, the zone digit “z” uses the “BFSK Zone Code” as a base for a given point. This code is programmed in the control panel by point. The zone digit “i” indicates the most significant digit of the user ID.

6. For the D7112, unless otherwise specified, *Table 101* is the basis for the zone digit “z” and ID translation; however, actual IDs only go up to 25.

Table 101: Reported Zone/ID to Actual Point/ID

	Reported Zone/ID							
	1	2	3	4	5	6	7	8
Actual Point/ID	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
	33	34	35	36	37	38	39	40
	41	42	43	44	45	46	47	48

Example 1: Label RF Point

```
dd/dd tt:tt ql ACC aaaa FIRE ALARM
+++ ACC aaaa   AREA=a RF POINT=ppp
```

7. This message reports from a D7112 RF point. The internal or external printer prints the label “RF POINT=” instead of “POINT=” in the second line (Example 2).

Appendix D: Network Messages

For networked accounts, Nxx appears instead of Lxx in the line number.

Table 102: Network Messages

	Event	Device/Mode	Display
1	Alarm Panel Substitution	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Nxx ACC aaaa ALARM-PNL SUBST +++ ACC aaaa PATH=003 COND=007 h1rrlssssssaaaaAsD53t <header>[#aaaa|Npt003AA007]
2	Change of Status (C900 Voltage Low)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Nxx ACC aaaa STATUS CHANGED +++ aaaa C900 VOLTAGE LOW h1rrlsssssaaaasXss58t <header>[#aaaa|NSC0002]
3	Change of Status (C900 Voltage Restore)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Nxx ACC aaaa STATUS CHANGED +++ aaaa C900 VOLTAGE RESTORE h1rrlsssssaaaasXss68t <header>[#aaaa|NSC0003]
4	Change of Status (C900 Input Restored)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Nxx ACC aaaa STATUS CHANGED +++ aaaa C900 INPUT RESTORED h1rrlsssssaaaasXss91t <header>[#aaaa|NSC0010]
5	Change of Status (C900 Input Shorted)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Nxx ACC aaaa STATUS CHANGED +++ aaaa C900 INPUT SHORTED h1rrlsssssaaaasXss89t <header>[#aaaa|NSC0008]
6	Change of Status (C900 Intercept Disabled)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Nxx ACC aaaa STATUS CHANGED +++ aaaa C900 INTERCEPT DISABLED h1rrlsssssaaaasXss93t <header>[#aaaa|NSC0012]
7	Change of Status (C900 Intercept Enabled)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Nxx ACC aaaa STATUS CHANGED +++ aaaa C900 INTERCEPT ENABLED h1rrlsssssaaaasXss92t <header>[#aaaa|NSC0011]
8	Change of Status (C900 Output Activated)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Nxx ACC aaaa STATUS CHANGED +++ aaaa C900 OUTPUT ACTIVATED h1rrlsssssaaaasXss85t <header>[#aaaa|NSC0006]
9	Change of Status (C900 Output Deactivated)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Nxx ACC aaaa STATUS CHANGED +++ aaaa C900 OUTPUT DEACTIVATED h1rrlsssssaaaasXss94t <header>[#aaaa|NSC0007]
10	Change of Status (C900 Input Open)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Nxx ACC aaaa STATUS CHANGED +++ aaaaC900 INPUT OPEN H1rrlsssssaaaasXss90t <header>[#aaaa|NSC0009]
11	Change of Status (C900 Reboot)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Nxx ACC aaaa STATUS CHANGED +++ aaaa C900 REBOOT h1rrlsssssaaaasXss59t <header>[#aaaa|NSC0001]
12	Change of Status (C900 Switched to Fallback)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Nxx ACC aaaa STATUS CHANGED +++ aaaa C900 SWITCHED TO FALLBACK h1rrlsssssaaaasXss82t <header>[#aaaa|NSC0005]
13	Change of Status (C900 Switched to Intercept)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Nxx ACC aaaa STATUS CHANGED +++ aaaa C900 SWITCHED TO INTERCPT h1rrlsssssaaaasXss87t <header>[#aaaa|NSC0004]

Table 102: Network Messages

	Event	Device/Mode	Display
14	C900 Command Sent (Activate Output)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Nxx ACC aaaa COMMAND SENT +++ aaaa ACTIVATE OUTPUT h1rrlssssssaaaasXss84t <header>[#aaaa|NCO0005]
15	C900 Command Sent (Deactivate Output)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Nxx ACC aaaa COMMAND SENT +++ aaaa DEACTIVATE OUTPUT h1rrlssssssaaaasXss86t <header>[#aaaa|NCO0006]
16	C900 Command Sent (Disable Intercept Mode)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Nxx ACC aaaa COMMAND SENT +++ aaaa DISABLE INTERCEPT MODE h1rrlssssssaaaasXss83t <header>[#aaaa|NCO0004]
17	C900 Command Sent (Switch to Fallback Mode)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Nxx ACC aaaa COMMAND SENT +++ aaaa SWITCH TO FALLBACK MODE h1rrlssssssaaaasXss81t <header>[#aaaa|NCO0003]
18	C900 Command Sent (Switch to Intercept Mode)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Nxx ACC aaaa COMMAND SENT +++ aaaa SWITCH TO INTERCEPT MODE h1rrlssssssaaaasXss88t <header>[#aaaa|NCO0002]
19	C900 Command Sent (Supervision Rate Changed)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Nxx ACC aaaa COMMAND SENT +++ aaaa SUPERVISION RATE CHANGED h1rrlssssssaaaasXss66t <header>[#aaaa|NCO0001]
20	Communications Fail (Account Disabled by Attack)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Nxx ACC aaaa COMM FAIL +++ ACC aaaa ACCOUNT DISABLED BY ATTACK +++ ACC aaaa PATH=003 COND=008 h1rrlssssssaaaasTsB03t <header>[#aaaa|Npt003YC008]
21	Communications Fail (Polling Lost)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Nxx ACC aaaa COMM FAIL +++ ACC aaaa PATH=003 COND=009 h1rrlssssssaaaasTsB02t <header>[#aaaa|Npt003YC009]
22	Communications Fail Restore (Polling Restore)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Nxx ACC aaaa COMM FAIL RESTR +++ ACC aaaa PATH=003 COND=009 h1rrlssssssaaaasNsB02t <header>[#aaaa|Npt003YK009]
23	Dialer Error (Dialing Error)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Nxx ACC aaaa DIALER ERROR +++ aaaa DIALING ERROR h1rrlssssssaaaasXss73t <header>[#aaaa|NYU0003]
24	Dialer Error (Invalid Message)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Nxx ACC aaaa DIALER ERROR +++ aaaa INVALID MESSAGE h1rrlssssssaaaasXss77t <header>[#aaaa|NYU0007]
25	Dialer Error (Message Unknown)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Nxx ACC aaaa DIALER ERROR +++ aaaa MESSAGE UNKNOWN h1rrlssssssaaaasXss76t <header>[#aaaa|NYU0006]
26	Dialer Error (No Acknowledgement Received)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Nxx ACC aaaa DIALER ERROR +++ aaaa NO ACKNOWLEDGMNT RECEIVED h1rrlssssssaaaasXss71t <header>[#aaaa|NYU0001]
27	Dialer Error (Not Dialing)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Nxx ACC aaaa DIALER ERROR +++ aaaa NOT DIALING h1rrlssssssaaaasXss72t <header>[#aaaa|NYU0002]
28	Dialer Error (No Response to Acknowledgement)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Nxx ACC aaaa DIALER ERROR +++ aaaa NO RESPONSE TO ACK h1rrlssssssaaaasXss75t <header>[#aaaa|NYU0005]

Table 102: Network Messages

	Event	Device/Mode	Display
29	Dialer Error (No Response to Handshake)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Nxx ACC aaaa DIALER ERROR +++ aaaa NO RESPONSE TO HANDSHAKE h1rrlssssssaaaasXss74t <header>[#aaaa|NYU0004]
30	Miscellaneous Message (30 Min Since Fallback Command)	Printer: D6500 Mode: SIA Mode:	dd/dd tt:tt Nxx ACC aaaa MESSAGE +++ aaaa 30 MIN SINCE FALLBACK CMD h1rrlssssssaaaasXss95t <header>[#aaaa|NMI0001]

Appendix E: Pulse Output

Table 103 to *Table 111* vary depending on the account number specified and the digit parameter programmed using the drop-down menus in Menu Item 3.1.7 Event 3/1 or 4/1 (*Figure 27*).

The output of the receiver depends on the reporting digit. Use the settings in *Figure 27* that can be changed by the user:

Reporting digits 0 to 9 and A are alarms

Reporting digit B is an opening

Reporting digit C is a closing

Reporting digit D is a cancel

Reporting digit E is a restore

Figure 27: D6200 Receiver Software Line Card Configuration

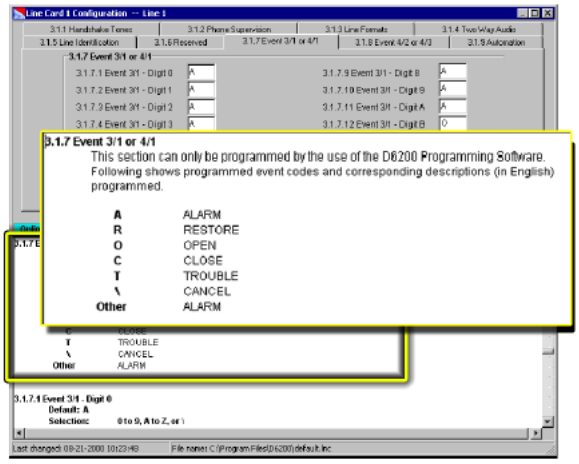

Table 103: Pulse 3/1 Format

#	Event	Account Number	Reporting Digit	Device/Mode	Displays
1.	ALARM	123	4	Printer: D6500 Mode: SIA Mode:	DD/DD TT:TT L01 ACCT 123 ALARM_ZN 4 [10]1011sssssss123sAsss4[13] [10]602415[9]00030101[#s123|NBA4][13]
2.	OPENING	123	B	Printer: D6500 Mode: SIA Mode:	DD/DD TT:TT L01 ACCT 123 OPENING [10]1011sssssss123sOssss[13] [10]AA4214[9]00040101[#s123|NOP][13]
3.	CLOSING	123	C	Printer: D6500 Mode: SIA Mode:	DD/DD TT:TT L01 ACCT 123 CLOSING [10]1011sssssss123sCssss[13] [10]F94B14[9]00050101[#s123|NCL][13]

Table 103: Pulse 3/1 Format (Continued)

#	Event	Account Number	Reporting Digit	Device/Mode	Displays
4.	CANCEL	123	D	Printer: D6500 Mode: SIA Mode:	DD/DD TT:TT L01 ACCT 123 CANCEL [10]1011sssssss123s\ssss[13] [10]FBCE14[9]00060101[#s123|NOC][13]
5.	RESTORE	123	E	Printer: D6500 Mode: SIA Mode:	DD/DD TT:TT L01 ACCT 123 RESTORE [10]1011sssssss123sRssss[13] [10]FC2214[9]00070101[#s123|NUR][13]
6.	TROUBLE	123	F	Printer: D6500 Mode: SIA Mode:	DD/DD TT:TT L01 ACCT 123 TROUBLE [10]1011sssssss123sTssss[13] [10]ACD414[9]00080101[#s123|NBT][13]

Table 104: Pulse 3/1E Menu 3.1.3.12 3-1 Extended Format = 1

#	Event	Account Number	Reporting Digit	Device/Mode	Displays
7.	ALARM	123	45	Printer: D6500 Mode: SIA Mode:	DD/DD TT:TT L01 ACCT 123 ALARM_ZN 45 [10]1011sssssss123sAss45[13] [10]720816[9]00090101[#s123|NBA45][13]
8.	OPENING	123	B5	Printer: D6500 Mode: SIA Mode:	DD/DD TT:TT L01 ACCT 123 OPENING ZN 5 [10]1011sssssss123sOsss5[13] [10]B0B115[9]00100101[#s123|NOP5][13]
9.	CLOSING	123	C5	Printer: D6500 Mode: SIA Mode:	DD/DD TT:TT L01 ACCT 123 CLOSING ZN 5 [10]1011sssssss123sCsss5[13] [10]B62215[9]00110101[#s123|NCL5][13]
10	CANCEL	123	D5	Printer: D6500 Mode: SIA Mode:	DD/DD TT:TT L01 ACCT 123 CANCEL ZN 5 [10]1011sssssss123s\sss5[13] [10]15E115[9]00120101[#s123|NOC5][13]
11	RESTORE	123	E5	Printer: D6500 Mode: SIA Mode:	DD/DD TT:TT L01 ACCT 123 RESTORE ZN 5 [10]1011sssssss123sRsss5[13] [10]98E715[9]00130101[#s123|NUR5][13]
12	TROUBLE	123	F5	Printer: D6500 Mode: SIA Mode:	DD/DD TT:TT L01 ACCT 123 TROUBLE ZN 5 [10]1011sssssss123sTsss5[13] [10]1CB015[9]00140101[#s123|NBT5][13]

Table 105: Pulse 3/1E Menu 3.1.3.12 3-1 Extended Format = 2

#	Event	Account Number	Reporting Digit	Device/Mode	Displays
13.	ALARM	123	45	Printer: D6500 Mode: SIA Mode:	DD/DD TT:TT L01 ACCT 123 ALARM_ZN 45 [10]1011sssssss123sAss45[13] [10]210D16[9]00450102[#s123|NBA45][13]
14.	OPENING	123	B5	Printer: D6500 Mode: SIA Mode:	DD/DD TT:TT L01 ACCT 123 OPENING ZN B5 [10]1011sssssss123sOssB5[13] [10]829516[9]00460102[#s123|NOPB5][13]
15.	CLOSING	123	C5	Printer: D6500 Mode: SIA Mode:	DD/DD TT:TT L01 ACCT 123 CLOSING ZN C5 [10]1011sssssss123sCssC5[13] [10]2F8216[9]00470102[#s123|NCLC5][13]
16.	CANCEL	123	D5	Printer: D6500 Mode: SIA Mode:	DD/DD TT:TT L01 ACCT 123 CANCEL ZN D5 [10]1011sssssss123s\ssD5[13] [10]EC1316[9]00480102[#s123|NOCD5][13]
17.	RESTORE	123	E5	Printer: D6500 Mode: SIA Mode:	DD/DD TT:TT L01 ACCT 123 RESTORE ZN E5 [10]1011sssssss123sRssE5[13] [10]2E4F16[9]00490102[#s123|NURE5][13]
18.	TROUBLE	123	F5	Printer: D6500 Mode: SIA Mode:	DD/DD TT:TT L01 ACCT 123 TROUBLE ZN F5 [10]1011sssssss123sTssF5[13] [10]C72516[9]00500102[#s123|NBTF5][13]

Table 106: Pulse 3/2

#	Event	Account Number	Reporting Digit	Device/Mode	Displays
19.	ALARM	123	45	Printer: D6500 Mode: SIA Mode:	DD/DD TT:TT L01 ACCT 123 ALARM_ZN 45 [10]1011sssssss123sAss45[13] [10]446B16[9]00150101[#s123|NBA45][13]
20.	OPENING	123	B5	Printer: D6500 Mode: SIA Mode:	DD/DD TT:TT L01 ACCT 123 OPENING B5 [10]1011sssssss123sOssB5[13] [10]17F616[9]00160101[#s123|NOPB5][13]
21.	CLOSING	123	C5	Printer: D6500 Mode: SIA Mode:	DD/DD TT:TT L01 ACCT 123 CLOSING B5 [10]1011sssssss123sCssC5[13] [10]BAE116[9]00170101[#s123|NCLC5][13]
22.	CANCEL	123	D5	Printer: D6500 Mode: SIA Mode:	DD/DD TT:TT L01 ACCT 123 CANCEL B5 [10]1011sssssss123s\ssD5[13] [10]797016[9]00180101[#s123|NOCD5][13]
23.	RESTORE	123	E5	Printer: D6500 Mode: SIA Mode:	DD/DD TT:TT L01 ACCT 123 RESTORE B5 [10]1011sssssss123sRssE5[13] [10]BB2C16[9]00190101[#s123|NURE5][13]
24.	TROUBLE	123	F5	Printer: D6500 Mode: SIA Mode:	DD/DD TT:TT L01 ACCT 123 TROUBLE B5 [10]1011sssssss123sTssF5[13] [10]EA3F16[9]00200101[#s123|NBTF5][13]

Table 107: Pulse 4/1

#	Event	Account Number	Reporting Digit	Device/Mode	Displays
25.	ALARM	1234	5	Printer: D6500 Mode: SIA Mode:	DD/DD TT:TT L01 ACCT 1234 ALARM_ZN 5 [10]1011ssssss1234sAsss5[13] [10]97CE15[9]00210101[#1234|NBA5][13]
26.	OPENING	1234	B	Printer: D6500 Mode: SIA Mode:	DD/DD TT:TT L01 ACCT 1234 OPENING [10]1011ssssss1234sOssss[13] [10]020A14[9]00220101[#1234|NOP][13]
27.	CLOSING	1234	C	Printer: D6500 Mode: SIA Mode:	DD/DD TT:TT L01 ACCT 1234 CLOSING [10]1011ssssss1234sCssss[13] [10]510314[9]00230101[#1234|NCL][13]
28.	CANCEL	1234	D	Printer: D6500 Mode: SIA Mode:	DD/DD TT:TT L01 ACCT 1234 CANCEL [10]1011ssssss1234s\ssss[13] [10]908414[9]00240101[#1234|NOC][13]
29.	RESTORE	1234	E	Printer: D6500 Mode: SIA Mode:	DD/DD TT:TT L01 ACCT 1234 RESTORE [10]1011ssssss1234sRssss[13] [10]976814[9]00250101[#1234|NUR][13]
30.	TROUBLE	1234	F	Printer: D6500 Mode: SIA Mode:	DD/DD TT:TT L01 ACCT 1234 TROUBLE [10]1011ssssss1234sTssss[13] [10]C29B14[9]00260101[#1234|NBT][13]

Table 108: Pulse 4/1E Menu 3.1.3.3 4/1 Extended = 1

#	Event	Account Number	Reporting Digit	Device/Mode	Displays
31.	ALARM	1234	45	Printer: D6500 Mode: SIA Mode:	DD/DD TT:TT L01 ACCT 1234 ALARM_ZN 45 [10]1011ssssss1234sAss45[13] [10]418416[9]00270101[#1234|NBA45][13]
32.	OPENING	1234	B5	Printer: D6500 Mode: SIA Mode:	DD/DD TT:TT L01 ACCT 1234 OPENING ZN 5 [10]1011ssssss1234sOsss5[13] [10]C5C215[9]00280101[#1234|NOP5][13]
33.	CLOSING	1234	C5	Printer: D6500 Mode: SIA Mode:	DD/DD TT:TT L01 ACCT 1234 CLOSING ZN 5 [10]1011ssssss1234sCsss5[13] [10]C35115[9]00290101[#1234|NCL5][13]
34.	CANCEL	1234	D5	Printer: D6500 Mode: SIA Mode:	DD/DD TT:TT L01 ACCT 1234 CANCEL ZN 5 [10]1011ssssss1234s\sss5[13] [10]3EE515[9]00300101[#1234|NOC5][13]
35.	RESTORE	1234	E5	Printer: D6500 Mode: SIA Mode:	DD/DD TT:TT L01 ACCT 1234 RESTORE ZN 5 [10]1011ssssss1234sRsss5[13] [10]B3E315[9]00310101[#1234|NUR5][13]
36.	TROUBLE	1234	F5	Printer: D6500 Mode: SIA Mode:	DD/DD TT:TT L01 ACCT 1234 TROUBLE ZN 5 [10]1011ssssss1234sTsss5[13] [10]F6F615[9]00320101[#1234|NBT5][13]

Table 109: Pulse 4/1E Menu 3.1.3.3 4/1 Extended = 2

#	Event	Account Number	Reporting Digit	Device/Mode	Displays
37.	ALARM	1234	45	Printer: D6500 Mode: SIA Mode:	DD/DD TT:TT L01 ACCT 1234 ALARM_ZN 45 [10]1011ssssss1234sAss45[13] [10]599816[9]00510102[#1234|NBA45][13]
38.	OPENING	1234	B5	Printer: D6500 Mode: SIA Mode:	DD/DD TT:TT L01 ACCT 1234 OPENING ZN B5 [10]1011ssssss1234sOssB5[13] [10]FA0016[9]00520102[#1234|NOPB5][13]
39.	CLOSING	1234	C5	Printer: D6500 Mode: SIA Mode:	DD/DD TT:TT L01 ACCT 1234 CLOSING ZN C5 [10]1011ssssss1234sCssC5[13] [10]571716[9]00530102[#1234|NCLC5][13]
40.	CANCEL	1234	D5	Printer: D6500 Mode: SIA Mode:	DD/DD TT:TT L01 ACCT 1234 CANCEL ZN D5 [10]1011ssssss1234s\ssD5[13] [10]F60416[9]00540102[#1234|NOCD5][13]
41.	RESTORE	1234	E5	Printer: D6500 Mode: SIA Mode:	DD/DD TT:TT L01 ACCT 1234 RESTORE ZN E5 [10]1011ssssss1234sRssE5[13] [10]345816[9]00550102[#1234|NURE5][13]
42.	TROUBLE	1234	F5	Printer: D6500 Mode: SIA Mode:	DD/DD TT:TT L01 ACCT 1234 TROUBLE ZN F5 [10]1011ssssss1234sTssF5[13] [10]FB2C16[9]00560102[#1234|NBTF5][13]

Table 110: Pulse 4/2

#	Event	Account Number	Reporting Digit	Device/Mode	Displays
43.	ALARM	1234	45	Printer: D6500 Mode: SIA Mode:	DD/DD TT:TT L01 ACCT 1234 ALARM_ZN 45 [10]1011ssssss1234sAss45[13] [10]220516[9]00330101[#1234|NBA45][13]
44.	OPENING	1234	B5	Printer: D6500 Mode: SIA Mode:	DD/DD TT:TT L01 ACCT 1234 OPENING B5 [10]1011ssssss1234sOssB5[13] [10]708D16[9]00340101[#1234|NOPB5][13]
45.	CLOSING	1234	C5	Printer: D6500 Mode: SIA Mode:	DD/DD TT:TT L01 ACCT 1234 CLOSING C5 [10]1011ssssss1234sCssC5[13] [10]DD9A16[9]00350101[#1234|NCLC5][13]
46.	CANCEL	1234	D5	Printer: D6500 Mode: SIA Mode:	DD/DD TT:TT L01 ACCT 1234 CANCEL D5 [10]1011ssssss1234s\ssD5[13] [10]4DC816[9]00360101[#1234|NOCD5][13]
47.	RESTORE	1234	E5	Printer: D6500 Mode: SIA Mode:	DD/DD TT:TT L01 ACCT 1234 RESTORE E5 [10]1011ssssss1234sRssE5[13] [10]8F9416[9]00370101[#1234|NURE5][13]
48.	TROUBLE	1234	F5	Printer: D6500 Mode: SIA Mode:	DD/DD TT:TT L01 ACCT 1234 TROUBLE F5 [10]1011ssssss1234sTssF5[13] [10]132316[9]00380101[#1234|NBTF5][13]

Table 111: Pulse 4/3

#	Event	Account Number	Reporting Digit	Device/Mode	Displays
49.	ALARM	1234	456	Printer: D6500 Mode: SIA Mode:	DD/DD TT:TT L01 ACCT 1234 ALARM_ZN 456 [10]1011ssssss1234sAs456[13] [10]D5C017[9]00390101[#1234|NBA456][13]
50.	OPENING	1234	B45	Printer: D6500 Mode: SIA Mode:	DD/DD TT:TT L01 ACCT 1234 OPENING B45 [10]1011ssssss1234sOsB45[13] [10]114C17[9]00400101[#1234|NOPB45][13]
51.	CLOSING	1234	C45	Printer: D6500 Mode: SIA Mode:	DD/DD TT:TT L01 ACCT 1234 CLOSING C45 [10]1011ssssss1234sCsC45[13] [10]1FA117[9]00410101[#1234|NCLC45][13]
52.	CANCEL	1234	D45	Printer: D6500 Mode: SIA Mode:	DD/DD TT:TT L01 ACCT 1234 CANCEL D45 [10]1011ssssss1234s\sD45[13] [10]E2B017[9]00420101[#1234|NOCD45][13]
53.	RESTORE	1234	E45	Printer: D6500 Mode: SIA Mode:	DD/DD TT:TT L01 ACCT 1234 RESTORE E45 [10]1011ssssss1234sRsE45[13] [10]DB7217[9]00430101[#1234|NURE45][13]
54.	TROUBLE	1234	F45	Printer: D6500 Mode: SIA Mode:	DD/DD TT:TT L01 ACCT 1234 TROUBLE F45 [10]1011ssssss1234sTsF45[13] [10]CC4C17[9]00440101[#1234|NBTF45][13]

Appendix F: Format ID (by Message Type) – D6600 Only

If D6600 Menu Item 2.5.17 equals 1, the following outputs apply.

Generic Example

D6500 Byte Description																					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
h	9	r	r	l	s	s	s	s	a	a	a	a	C	C	C	C	C	C	C	C	t

Table 112: Generic Byte Description

#	Title	Description
1	Header Character (h)	Optional, check with the computer automation software for compatibility
2	Message Type	9
3-4	Receiver Number	Receiver gateway number from 01 to 99
5	Line/Group Number	Line number in the receiver gateway that sent the message
6-9	Spaces	Six spaces
10-13	Account Number	Account number, four digits
14-21	Channels	Channels 1 to 8
22	Trailer Character	Typically, this is HEX 14

Generic Example

SIA Mode Description
<LF><CRC><LEN><9><sequence#><receiver#><line#>[#aaaa|CCCCCCCC]<CR>

Table 113: Generic SIA Byte Description

Title	Description
L	Standard line feed character
CRC	Cyclical redundancy check number
LEN	Two-digit length identifier that indicates how many characters directly follow it (the trailing <CR> character is not counted).
Message Type	9
sequence#	The message sequence number, the valid sequence number range is 0001 to 9999
receiver#	The receiver gateway that sent the message, valid digits are 01 to 99
line# (Line/Group #)	The line number of the line in the receiver gateway that sent the message. Valid digits are 00 to 99. The receiver uses Line 0 (zero) for internal messages.
account#	The communicator's account number, four digits.
CCCCCCCC	Channel 1 to 8

The heavier outlined row in *Table 112* and *Table 113* indicates the meaning of the shaded digit in the D6500 Byte Description, SIA Mode Description Generic Examples, and *Table 114*.

Table 114 shows examples for each format that the receiver supports. If Menu Item 2.5.17 = 1, the following message type follows a specific format ID. If Menu Item 2.5.17 = 0, the output to automation follows the standard message type ID.

Table 114: Message Examples

#	Communication Format		Mode	Message
	Acron Super Fast		SIA: D6500:	[10]146D189**9**00120101[#123|45678912][13] [10]**9**011ssssss12345678912[14]
	Ademco Contact-ID		SIA: D6500:	[10]6A721C**a**00140101[#7401|18113003003][13] [10]**a**011s740118113003003[14]
	Ademco 4-1 Express		SIA: D6500:	[10]1FDC12**b**00150101[#1234|7][13] [10]**b**011ssssss1234sAsss7[14]
	Ademco 4-2 Express		SIA: D6500:	[10]9D2F13**c**00160101[#1234|55][13] [10]**c**011ssssss1234sAss55[14]
	Ademco High Speed/ Scancom	4-8-1	SIA: D6500:	[10]C3651C**f**00180101[#1234|5678s9123s4][13] [10]**f**011ss1234s5678s9123s4[14]
		5-8-1	SIA: D6500:	[10]69311D**f**00190101[#12345|6789s1234s5][13] [10]**f**011s12345s6789s1234s5[14]
		6-8-1	SIA: D6500:	[10]42CD1E**f**00200101[#123456|7891s2345s6][13] [10]**f**011123456s7891s2345s6[14]
	ADT SIA		SIA: D6500:	[10]0BB619**G**00480101[#0308|Nid39OP2][13] [10]**G**011[#0308|Nid39OP2][14]
	Caller ID		SIA: D6500:	[10]257B1C**e**00570101[#0000|&9569688558][13] [10]**e**011ssssss9569688558[14]
	CFSK		SIA: D6500:	[10]BDAE17**i**00270101[#123ABC|0108][13] [10]**i**011ssss123ABC0108ss[14]
	DSC/Sur-Gard 4-3		SIA: D6500:	[10]99EA17**d**00170101[#1234|NBA567][13] [10]**d**011ssssss1234sAs567[14]
	DTMF 4-1		SIA: D6500:	[10]02A215**t**00400101[#1234|NBA5][13] [10]**t**011ssssss1234sAsss5[14]
	DTMF 4-2		SIA: D6500:	[10]40EC16**u**00410101[#1234|NBA56][13] [10]**u**011ssssss1234sAss56[14]
	FBI Super Fast		SIA: D6500:	[10]921C15**F**00470101[#1234|5678][13] [10]**F**011ssssss12345678ss[14]
	Internal Message		SIA: D500:	[10]5FB90E**Z**00090124[NLT][13] [10]**Z**010sssssssssssXss51[14]
	ITI		SIA: D6500:	[10]ABFB19**I**00490101[#MMTST|g090A31][13] [10]**I**011sssMvMTSTg090A31[14]
	Link Test		SIA: D6500:	[10]2D270B**[9]**00920100[][13] [10]**1**010sssssssssss@ssss[14]
	Pulse	3-1	SIA: D6500:	[10]827316**p**00340101[#s123|NBA12][13] [10]**p**011sssssss123sAss12[14]
		3-1E	SIA: D6500:	[10]16A815**p**00330101[#s706|NBA1][13] [10]**p**011sssssss706sAsss1[14]

	Pulse 3-2		SIA: D6500:	[10]C37A16**q**00350101[#s706|NBA61][13] [10]**q**011sssssss706sAss61[14]

Table 115: Message Examples (continued)

	Pulse	4-1	SIA: D6500:	[10]608F15**r**00360101[#7066|NBA0][13] [10]**r**011ssssss7066sAsss0[14]
		4-1E	SIA: D6500:	[10]5ACC16**r**00370101[#1234|NBA12][13] [10]**r**011ssssss1234sAss12[14]
	Pulse	4-2	SIA: D6500:	[10]8A7F16**s**00380101[#7066|NBA02][13] [10]**s**011ssssss7066sAss02[14]
		4-2E	SIA: D6500:	[10]185317**s**00390101[#1234|NBA566][13] [10]**s**011ssssss1234sAs566[14]
	Modem4/ModemIIIa² /ModemIId		SIA: D6500:	[10]8B9C1A**A**00440101[#1234|Nti1158LF][13] [10]**A**011ssssss1234s*ssss[14]
	Modem II		SIA: D6500:	[10]942B15**B**00450101[#1481|NUR2][13] [10]**B**011ssssss1481sRsss2[14]
	BFSK		SIA: D6500:	[10]FFF115**C**00460101[#s2B2|NBA3][13] [10]**C**011sssssss2B2sAsss3[14]
	Robofon		SIA: D6500:	[10]2D3B15**j**00280101[#123ABC|12][13] [10]**j**011ssss123ABC12ssss[14]
	Scancom	4-16-1	SIA: D6500:	[10]D47C26**g**00210101[#1234|2222s2222s2222s2222s2][13] [10]**g**011ss1234s2222s2222s2222s2222s2[14]
		5-16-1	SIA: D6500:	[10]91FC27**g**00220101[#12345|2222s2222s2222s2222s2][13] [10]**g**011s12345s2222s2222s2222s2222s2[14]
		6-16-1	SIA: D6500:	[10]13EA28**g**00230101[#123456|2222s2222s2222s2222s2][13] [10]**g**011123456s2222s2222s2222s2222s2[14]
	Scancom	4-24-1	SIA: D6500:	[10]091930**h**00240101[#1234|2222s2222s2222s2222s2222s2222s2][13] [10]**h**011ss1234s2222s2222s2222s2222s2222s2222s2[14]
		5-24-1	SIA: D6500:	[10]D4ED31**h**00250101[#12345|2222s2222s2222s2222s2222s2222s2][13] [10]**h**011s12345s2222s2222s2222s2222s2222s2222s2[14]
		6-24-1	SIA: D6500:	[10]B51132**h**00260101[#123452|2222s2222s2222s2222s2222s2222s2][13] [10]**h**011123452s2222s2222s2222s2222s2222s2222s2[14]
	Seriee DTMF		SIA: D6500:	[10]61F619**K**00900101[#7080|*#000***][13] [10]**K**01113*7080*#000***[14]
	Seriee FSK		SIA: D6500:	[10]352815**k**00290101[#123AB|101][13] [10]**k**011ssssss123ABs1s01[14]
	Sescoa Super Speed		SIA: D6500:	[10]787215**7**00110101[#0258|A56s][13] [10]**7**011ssssss0258sA56ss[14]
	SIA		SIA: D6500:	[10]86E416**[9]**00500101[#7080|NBA01][13] [10]**S**011[#7080|NBA01][14]

Table 116: Message Examples (continued)

	Silent Knight	FSK 0	SIA: D6500:	[10]3E6714E01040101[#4444|NOP][13] [10]E011ssssss4444sOssss[13]
		FSK80	SIA: D6500:	[10]3E6714E01040101[#4444|NBA13][13] [10]E011ssssss4444sAss08[14]
	Silent Knight	FSK1	SIA: D6500:	[10]DC7115m00300101[#7654|sA01][13] [10]m011s7654"sA01[14]
		FSK2	SIA: D6500:	[10]8AAC17m00310101[#123456|HA00][13] [10]m011s123456"HA00[14]
	Telim		SIA: D6500:	[10]C2EB26n00320101[#000257|1090000000110000000][13] [10]n011s000257s1s090000000110000000[14]
	Varitech FSK 4-1,Varitech FSK 4-2	VFSK 4-2	SIA: D6500:	[10]8EFA16v00430101[#1234|NBA98][13] [10]v011ssssss1234sAss98[14]
		VFSK 4-1	SIA: D6500:	[10]802515v00420101[#1234|NBA9][13] [10]v011ssssss1234sAsss9[14]
	VONK		SIA: D6500:	[10]802515V00450101[#55|123456789ABCDEFG][13] [10]V01155123456789ABCDEFG [14]
	X-SIA		SIA: D6500:	[10]86E416[9]01430101[#1234|6011100*'THISISATEST'12][13] [10]S011[#1234|6011100*'THISISATEST'12][14]

Appendix G: ADT SIA Report Codes

Table 117: ADT SIA Report Codes

Description	ADT SIA
System Event	
System Reset	
Reset Memory	
AC Fail	AA
AC Restore	AH
AC Fail 4 hour	AT
AC Fail 4 hour Restore	AJ
TELCO Line Trouble (Line 1 or Line 2)	LT
TELCO Line Trouble Restore (Line 1 or Line 2)	LR
Low Battery System	YT
Low Battery Restore	YR
Change Date	

Description	ADT SIA
Expansion Module	
Interactive Keypad Tamper	IA
Interactive Keypad Trouble – Supervision	IT
Interactive Keypad Restore	IR
Cardreader Alarm	DA
Cardreader Trouble	DT
Cardreader Restore	DR
Point Gateway Tamper Alarm	EA
Point Gateway Tamper – Supervision	ET
Point Gateway Restore	ER
Printer Tamper Alarm	PA
Printer Trouble – Supervision	PT
Printer Restore	PR

Description	ADT SIA
Downloading	
DLL Aborted	RA
Start DLL	RB
DLL Interrupted	RI
End DLL Altered	RS
DLL Comm Fail	RT
End DLL Not Altered	RG

Description	ADT SIA
Burglary	
BA Burg Alarm	BA
BA PT Bypass	BB
BA Restore	BR
BA Trouble	BT
BA PT Unbypass	BU

Description	ADT SIA
Open/Close	
BA Auto Close	CA
BA Auto Close with Bypass – within Group	CB
BA Trouble Closing (closed with burg during exit)	CF
BA Bypass Closing – within Group	CG
BA Closing	CL
BA Auto Open	OA
BA Irregular Opening	OI
BA Opening	OP
BA No Close – Sched close time expire	OT
BA Exit Fail, exit error (user)	EF

Description	ADT SIA
Fire	
Fire Alarm	FA
Fire Trouble	FT
Fire Restore	FR
Fire Alarm Silence	
Fire Point Bypass	FB
Fire Alarm Point Unbypass	FU
Supervisory Alarm	SS
Supervisory Trouble	ST
Supervisory Restore	SR
Supervisory Point Bypass	SB
Supervisory Unbypass	SU

Description	ADT SIA
Panic	
Hold-Up Alarm	HA
Hold-Up Point Trouble (sensor trouble)	HT
Hold-Up Restore	HR
Hold-Up Point Bypass	HB
Hold-Up Point Unbypass	HU
Hostage Alarm (Duress)	HH
Hostage Restore	HR
Medical Alarm	MA
Medical Restore	MR

Description	ADT SIA
Scheduling	
BA Change Close Time	
Change Auto On Level	
Change Close Time Print Only	

Description	ADT SIA
Other	
Supervised Bell Alarm	UA
Supervised Bell Trouble	UT
Supervised Bell Restore	UR
Remote Power Supply Alarm	UA
Remote Power Supply Trouble	UT
Remote Power Supply Restore	UR
Keyswitch Alarm	UA
Keyswitch Trouble	UT
Keyswitch Restore	UR
Janitor Keyswitch Alarm	UA
Janitor Keyswitch Trouble	UT
Janitor Keyswitch Restore	UR
Janitor On Premises (user on premises)	JI
Janitor Off Premises (user on premises restore)	JO
ADT On Premises	SI
ADT Off Premises	SO
Tamper Alarm	TA
Tamper Restore	TR
VVS Bypass	VB
VVS Unbypass	VU
Keypad Active	AC

Description	ADT SIA
Audible Walk Test	AT
Change Code	
Change Early Open	
Change Holiday	
Change Latest Close (sent to CMC only if Closing sched is altered)	CL
Change Open Time, schedule change	
Change Time, time/date reset	

Description	ADT SIA
System Test	
Walk Test, walk test mode	WT
Bell Test	BT
Hold-Up Test Alarm (sent to printer)	
Hold-Up Test Restore (sent to printer)	
Start FA Test, fire test	FM
End FA Test, fire test restore	FK
Start BA Test	BN
End BA Test	BK
Start Supervision Test	SM
End Supervision Test	SK
Start Hold-Up Test	HM
End Hold-Up Test	HK
Long Print	
Short Print	
Supervisory Test Print, manual trigger test report	ST
Supervisory Test Restore	ST
Fire Test Alarm Print, fire test	FA
Fire Test Restore Print, fire test restore	FR
BA Point Test Print	BT
BA Point Test Restore Print	BT
Hold-Up Suspicion Print	HS
Keypad No Access	NA
Untyped Bypass	UB
Untyped Unbypass	UU
Tamper Bypass	TB
Tamper Unbypass	TU
BA Diagnostics	BW
FA Diagnostics	FW
Output Trouble	UT

Description	ADT SIA
Output Restore	UR
Point Trouble	UT
Point Alarm, general alarm	UA
Point Restore, general alarm restore	UR
Untyped Diagnostics	UW
BA Weak Battery	BL
FA Weak Battery	FL
HA Weak Battery	HL
SA Weak Battery	SL
UA Weak Battery	UL

Description	ADT SIA
Access	
2 Man 2nd Person	
Keypad Lockout	
Cardreader Irregular Access	DI
Manual PB Access, remote arm/disarm opening	MP
Access Denied Code Known, access denied	DK
Access Denied Code Unknown, access denied	DD

Description	ADT SIA
Dialer Test Report	
Dialer Test Report	RP1
Dialer Test Report with System Trouble	RP5

Appendix H: RB2000 Messages (D6600 Only)

For lines that are grouped, Gxx appears instead of Lxx.

Table 118: RB2000 Messages

#	Event	Device/ Mode	Display
1.	Mains Power Failure	SIA Printer SIA Printer	<header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 00 00 32 <header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 00 00 34
2.	Mains Power Return	SIA Printer SIA Printer	<header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 00 00 B2 <header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 00 00 B4
3.	Battery Broken	SIA Printer	<header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 00 00 33
4.	RF Y Battery Empty	SIA Printer	<header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 02 XY 33
5.	RF Y Battery Full	SIA Printer	<header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 00 00 B7
6.	HTS Battery Empty	SIA Printer	<header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 00 00 37
7.	HTS Battery Full	SIA Printer	<header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 00 00 B7
8.	Sensor Battery	SIA Printer SIA Printer	<header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 00 00 38 <header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 00 00 B8
9.	Technical Alarm	SIA Printer	<header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 00 00 41

Table 118: RB2000 Messages (continued)

#	Event	Device/ Mode	Display
10.	Technical Alarm Confirmed	SIA Printer	<header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxx +++ 0E 00 00 00 C1
11.	PRO 100 Transmitter	SIA Printer SIA Printer	<header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxx +++ 0E 00 00 00 42 <header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxx +++ 0E 00 00 00 C2
12.	PRO 100 Pull Cord	SIA Printer SIA Printer	<header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxx +++ 0E 00 00 00 43 <header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxx +++ 0E 00 00 00 C3
13.	PRO 100 Situation Alarm	SIA Printer SIA Printer	<header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxx +++ 0E 00 00 00 44 <header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxx +++ 0E 00 00 00 C4
14.	Pull Switch	SIA Printer SIA Printer	<header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxx +++ 0E 00 00 00 46 <header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxx +++ 0E 00 00 00 C6
15.	Confirmation at Local Unit	SIA Printer SIA Printer	<header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxx +++ 0E 00 00 00 47 <header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxx +++ 0E 00 00 00 C7
16.	Hand Transmitter/ Button	SIA Printer SIA Printer	<header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxx +++ 0E 00 00 00 48 <header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxx +++ 0E 00 00 00 C8

Table 118: RB2000 Messages (continued)

#	Event	Device/ Mode	Display
17.	Emergency Button	SIA	<header>[<VDS message>]<CR>
		SIA	<header>[<VDS message>]<CR>
		Printer	MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 00 00 C9
18.	External Input X	SIA	<header>[<VDS message>]<CR>
		Printer	MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 01 XX 49
		SIA	<header>[<VDS message>]<CR>
		Printer	MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 01 XX C9
19.	RF Y - Alarm	SIA	<header>[<VDS message>]<CR>
		Printer	MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 02 XY 49
		SIA	<header>[<VDS message>]<CR>
		Printer	MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 02 XY C9
20.	Activity Monitor	SIA	<header>[<VDS message>]<CR>
		Printer	MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 00 00 4A
		SIA	<header>[<VDS message>]<CR>
		Printer	MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 00 00 CA
21.	Fire Alarm	SIA	<header>[<VDS message>]<CR>
		Printer	MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 00 00 4B
		SIA	<header>[<VDS message>]<CR>
		Printer	MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 00 00 CB
22.	Fire Alarm from Ext Input X	SIA	<header>[<VDS message>]<CR>
		Printer	MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 01 XX 4B
23.	Intrusion	SIA	<header>[<VDS message>]<CR>
		Printer	MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 00 00 4C
		SIA	<header>[<VDS message>]<CR>
		Printer	MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 00 00 CC
24.	Intrusion from Ext Input X	SIA	<header>[<VDS message>]<CR>
		Printer	MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 01 XX 4C

Table 118: RB2000 Messages (continued)

#	Event	Device/ Mode	Display
25.	Intrusion from RF X	SIA	<header>[<VDS message>]<CR>
		Printer	MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 01 XX 4C
26.	External Alarm Button	SIA	<header>[<VDS message>]<CR>
		Printer	MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 00 00 4D
		SIA	<header>[<VDS message>]<CR>
		Printer	MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 00 00 CD
27.	Protocol Error	SIA	<header>[<VDS message>]<CR>
		Printer	MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 00 00 4E
		SIA	<header>[<VDS message>]<CR>
		Printer	MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 00 00 CE
28.	RF Y Error	SIA	<header>[<VDS message>]<CR>
		Printer	MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 02 XY 51
		SIA	<header>[<VDS message>]<CR>
		Printer	MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 02 XY D1
29.	RF Y Maintenance	SIA	<header>[<VDS message>]<CR>
		Printer	MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 02 XY 52
		SIA	<header>[<VDS message>]<CR>
		Printer	MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 02 XY D2
30.	RF Y Start	SIA	<header>[<VDS message>]<CR>
		Printer	MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 02 XY 53
		SIA	<header>[<VDS message>]<CR>
		Printer	MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 02 XY D3
31.	RF Y Disassembly	SIA	<header>[<VDS message>]<CR>
		Printer	MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 02 XY 54
		SIA	<header>[<VDS message>]<CR>
		Printer	MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 02 XY D4

Table 118: RB2000 Messages (continued)

#	Event	Device/ Mode	Display
32.	RF Y Test OK	SIA	<header>[<VDS message>]<CR>
		Printer	MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 02 XY 55
		SIA	<header>[<VDS message>]<CR>
		Printer	MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 02 XY D5
33.	RF Y Test NOK	SIA	<header>[<VDS message>]<CR>
		Printer	MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 02 XY 56
		SIA	<header>[<VDS message>]<CR>
		Printer	MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 02 XY D6
34.	RF Y Plug	SIA	<header>[<VDS message>]<CR>
		Printer	MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 02 XY 57
		SIA	<header>[<VDS message>]<CR>
		Printer	MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 02 XY D7
35.	RF Y Test	SIA	<header>[<VDS message>]<CR>
		Printer	MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 02 XY 58
		SIA	<header>[<VDS message>]<CR>
		Printer	MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 02 XY D8
36.	Outgoing Call HNZ	SIA	<header>[<VDS message>]<CR>
		Printer	MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 00 00 60
37.	Resetting	SIA	<header>[<VDS message>]<CR>
		Printer	MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 00 00 61
38.	Personal Sign In	SIA	<header>[<VDS message>]<CR>
		Printer	MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx+++ 0E 00 00 00 62
39.	Personal Sign Out	SIA	<header>[<VDS message>]<CR>
		Printer	MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 00 00 63
40.	Door Alarm	SIA	<header>[<VDS message>]<CR>
		Printer	MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 00 00 64
41.	Bed Alarm	SIA	<header>[<VDS message>]<CR>
		Printer	MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 00 00 65

Table 118: RB2000 Messages (continued)

#	Event	Device/ Mode	Display
42.	Medical Remind	SIA Printer	<header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 00 00 66
43.	Message 1	SIA Printer	<header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 00 00 67
44.	Message 2	SIA Printer	<header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 00 00 68
45.	Message 3	SIA Printer	<header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 00 00 69
46.	Sign Out	SIA Printer SIA Printer	<header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 00 00 71 <header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 00 00 78
47.	Sign In	SIA Printer SIA Printer	<header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 00 00 F1 <header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 00 00 F8
48.	Service Call	SIA Printer SIA Printer	<header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 00 00 72 <header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 00 00 F2
49.	Repeated Call	SIA Printer	<header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 00 00 73
50.	Confirmation Call	SIA Printer	<header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 00 00 F3
51.	Pager Call Activated	SIA Printer	<header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 00 00 74

Table 118: RB2000 Messages (continued)

#	Event	Device/ Mode	Display
52.	Full Duplex Communication	SIA Printer	<header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 00 00 75
53.	Test Call	SIA Printer SIA Printer	<header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 00 00 79 <header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 00 00 F9
54.	RF Jamming	SIA Printer SIA Printer	<header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 00 00 7A <header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 00 00 FA
55.	RF Y No Alive	SIA Printer SIA Printer	<header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 02 XY 7B <header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 02 XY FB
56.	Call for Assistance	SIA Printer SIA Printer	<header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 00 00 7C <header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 00 00 FC
57.	Registration Call	SIA Printer SIA Printer	<header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 00 00 7D <header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 00 00 FD
58.	Manual Test Call	SIA Printer SIA Printer	<header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 00 00 7E <header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 00 00 FE

Table 118: RB2000 Messages (continued)

#	Event	Device/ Mode	Display
59.	Release Code XX XX	SIA Printer	<header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 00 XX XX FF
60.	Error Message HNZ2001	SIA Printer	<header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 01 YY XX 42
61.	Error Ended HNZ2001	SIA Printer	<header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 0E 01 YY XX C2
62.	Status: Mains Power Failure	SIA Printer	<header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ A2 00 00 00 32
63.	Status: Battery Broken Status: Battery Empty	SIA Printer SIA Printer	<header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ A2 00 00 00 33 <header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ A2 00 00 00 37
64.	Status: Signed Out	SIA Printer	<header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ A2 00 00 00 71
65.	Remote Programming Request	SIA Printer	<header>[<VDS message>]<CR> MM/DD HH:MM Lxx RB2 ACCT xxxxxxxxxxxx +++ 10 00 xx yy 70

Appendix I: SafeCom Messages (D6600 Only)

In D6500 Mode, the line number sent to the computer is only one digit. Refer to *Table 119*.

If Virtual Line is 00, it is disabled. The D6600 reports the actual D6600 line card number.

Table 119: Virtual Line Conversion Table

Line#	Converted to		Line#	Converted to	
	D6500	SIA		D6500	SIA
01	1	01	13	J	13
02	2	02	14	K	14
03	3	03	15	L	15
04	4	04	16	M	16
05	5	05	17	N	17
06	6	06	18	O	18
07	7	07	19	P	19
08	8	08	1A	Q	1a
09	9	09	1B	R	1b
0A	A	0a	1C	S	1c
0B	B	0b	1D	T	1d
0C	C	0c	1E	U	1e
0D	D	0d	1F	V	1f
0E	E	0e	20	W	20
0F	F	0f	21	X	21
10	G	10	22	Y	22
11	H	11	23	Y	22
12	I	12	FF	Y	22

For D6500 Mode, any Virtual Line greater than or equal to 22 is reported as Y.
For SIA Mode, any Virtual Line greater than or equal to 22 is reported as 22.

Table 120: SafeCom Messages - Line Card or Account Signals

#	Event	Device/ Mode	Display	Notes on Auto Output
1.	System Startup	6500 SIA[1]	hprrl00000100t <header>[#0000|0100]	
		Printer[2]	dd/dd tt:tt Sxx SYSTEM STARTUP	
2.	Radio Restart	6500 SIA[1]	hprrl0aaa0100t <header>[#0aaa|0100]	
		Printer[2]	dd/dd tt:tt Sxx aaa>restart	
3.	Battery Trouble	6500 SIA[1]	hprrl0aaa0103t <header>[#0aaa|0103]	
		Printer[2]	dd/dd tt:tt Sxx aaa>BATTERY TROUBLE	
4.	Battery Restoral	6500 SIA[1]	hprrl0aaa0104t <header>[#0aaa|0104]	
		Printer[2]	dd/dd tt:tt Sxx aaa battery restore	
5.	Aux. Fault	6500 SIA[1]	hprrl0aaa0103t <header>[#0aaa|0103]	Valid only for DP1000, PID-FE10
		Printer[2]	dd/dd tt:tt Sxx aaa>AUX FAULT	
6.	Aux. Restoral	6500 SIA[1]	hprrl0aaa0104t <header>[#0aaa|0104]	Valid only for DP1000, PID-FE10
		Printer[2]	dd/dd tt:tt Sxx aaa aux restore	
7.	AC Trouble	6500 SIA[1]	hprrl0aaa0105t <header>[#0aaa|0105]	
		Printer[2]	dd/dd tt:tt Sxx aaa>AC TROUBLE	
8.	AC Restoral	6500 SIA[1]	hprrl0aaa0106t <header>[#0aaa|0106]	
		Printer[2]	dd/dd tt:tt Sxx aaa ac restore	
9.	External Power Fail	6500 SIA[1]	hprrl0aaa0105t <header>[#0aaa|0105]	SC3100 PID-0330 or 0340, SC2104 PID-0430 or 0440
		Printer[2]	dd/dd tt:tt Sxx aaa>POWER TROUBLE	
10.	External Power Restoral	6500 SIA[1]	hprrl0aaa0106t <header>[#0aaa|0106]	SC3100 PID-0330 or 0340, SC2104 PID-0430 or 0440
		Printer[2]	dd/dd tt:tt Sxx aaa power restore	
11.	Remote Com Restore	6500 SIA[1]	hprrl0aaa0110t <header>[#0aaa|0110]	This indicates that the radio could not report a previous message (until just now).
		Printer[2]	dd/dd tt:tt Sxx aaa>REMOTE COM RESTORE	
12.	RF Trouble	6500 SIA[1]	hprrl0aaa0111t <header>[#0aaa|0111]	
		Printer[2]	dd/dd tt:tt Sxx aaa>RF TROUBLE	

Table 120: SafeCom Messages - Line Card or Account Signals

#	Event	Device/ Mode	Display	Notes on Auto Output
13.	RF Restore	6500 SIA[1]	hprrl0aaa0112t <header>[#0aaa|0112]	
		Printer2	dd/dd tt:tt Sxx aaa rf restore	
14.	System RF Channel Busy	6500 SIA[1]	hprrl00000111t <header>[#0000|0111]	
		Printer[2]	dd/dd tt:tt Sxx CHn>CHANNEL BUSY	
15.	System RF Channel Clear	6500 SIA[1]	hprrl00000112t <header>[#0000|0112]	
		Printer[2]	dd/dd tt:tt Sxx CHn channel clear	
16.	Channel Busy	6500 SIA[1]	hprrl0aaa0121t <header>[#0aaa|0121]	
		Printer[2]	dd/dd tt:tt Sxx aaa>CHANNEL BUSY	
17.	Channel Clear	6500 SIA[1]	hprrl0aaa0122t <header>[#0aaa|0122]	
		Printer[2]	dd/dd tt:tt Sxx aaa channel clear	
18.	Dialer Error	6500 SIA[1]	hprrl0aaa022000t <header>[#0aaa|022000]	Dialer error is reported to automation in a format similar to 3-1 event.
		Printer[2]	dd/dd tt:tt Sxx aaa>DIALER ERROR e	
			"e" is error code. See below for details:	
			0 -unknown error 1 -dialing error 2 -handshake error 3 -noise error 4 -unexpected disconnect 5 -validation error 6 -priority error	
19.	Tamper Fault	6500 SIA[1]	hprrl0aaa03200301t <header>[#0aaa|03200301]	
		Printer[2]	dd/dd tt:tt Sxx aaa>TAMPER FAULT	
20.	Tamper Restore	6500 SIA[1]	hprrl0aaa03200101t <header>[#0aaa|03200101]	
		Printer[2]	dd/dd tt:tt Sxx aaa tamper restore	
21.	Phone Line Fail	6500 SIA[1]	hprrl0aaa03200301t <header>[#0aaa|03200301]	Valid only for SC2104
		Printer[2]	dd/dd tt:tt Sxx aaa>TELCO TROUBLE	
22.	Phone Line Restore	6500 SIA[1]	hprrl0aaa03200101t <header>[#0aaa|03200101]	Valid only for SC2104
		Printer[2]	dd/dd tt:tt Sxx aaa telco restore	
23.	Aux. Power Fail	6500 SIA[1]	hprrl0aaa03200301t <header>[#0aaa|03200301]	Valid only for SC5000
		Printer[2]	dd/dd tt:tt Sxx aaa>AUX POWER TROUBLE	

Table 120: SafeCom Messages - Line Card or Account Signals

#	Event	Device/ Mode	Display	Notes on Auto Output
24.	Aux. Power Restore	6500 SIA[1]	hprrl0aaa03200101t <header>[#0aaa|03200101]	Valid only for SC5000
		Printer[2]	dd/dd tt:tt Sxx aaa aux power restore	
25.	Fire Panic	6500 SIA[1]	hprrl0aaa03200302t <header>[#0aaa|03200302]	Valid only for SC5000
		Printer[2]	dd/dd tt:tt Sxx aaa>FIRE PANIC	
26.	Burglary Panic	6500 SIA[1]	hprrl0aaa03200303t <header>[#0aaa|03200303]	Valid only for SC5000
		Printer[2]	dd/dd tt:tt Sxx aaa>BURGLARY PANIC	
27.	Silent/Medical Panic	6500 SIA[1]	hprrl0aaa03200304t <header>[#0aaa|03200304]	Valid only for SC5000
		Printer[2]	dd/dd tt:tt Sxx aaa>SILENT/MEDICAL PANIC	
28.	Operator Evacuation Bell	6500 SIA[1]	hprrl0aaa03200305t <header>[#0aaa|03200305]	Valid only for SC5000
		Printer[2]	dd/dd tt:tt Sxx aaa>OPERATOR EVACUATION	
29.	Input Normal	6500 SIA[1]	hprrl0aaa0320011it <header>[#0aaa|0320011i]	
		Printer[2]	dd/dd tt:tt Sxx aaa normal: input i	
30.	Input Open	6500 SIA[1]	hprrl0aaa0320021it <header>[#0aaa|0320021i]	
		Printer[2]	dd/dd tt:tt Sxx aaa>OPENED: input i	
31.	Input Short	6500 SIA[1]	hprrl0aaa0320031it <header>[#0aaa|0320031i]	
		Printer[2]	dd/dd tt:tt Sxx aaa>SHORTED: input i	
32.	Input Bypass	6500 SIA[1]	hprrl0aaa0320041it <header>[#0aaa|0320041i]	
		Printer[2]	dd/dd tt:tt Sxx aaa bypass: input i	
33.	Input Unbypass	6500 SIA[1]	hprrl0aaa0320051it <header>[#0aaa|0320051i]	
		Printer[2]	dd/dd tt:tt Sxx aaa unbypass: input i	
34.	Zone Restore	6500 SIA[1]	hprrl0aaa0320011zt <header>[#0aaa|0320011z]	Valid only for SC5000
		Printer[2]	dd/dd tt:tt Sxx aaa restore: zone z	

Table 120: SafeCom Messages - Line Card or Account Signals

#	Event	Device/ Mode	Display	Notes on Auto Output
35.	Zone Trouble	6500 SIA[1]	hprrl0aaa0320021zt <header>[#0aaa|0320021z]	Valid only for SC5000
		Printer[2]	dd/dd tt:tt Sxx aaa>TROUBLE: zone z	
36.	Fire Alarm	6500 SIA[1]	hprrl0aaa0320031zt <header>[#0aaa|0320031z]	Valid only for SC5000, depending on the zone type
		Printer[2]	dd/dd tt:tt Sxx aaa>FIRE: zone z	
37.	Silent Alarm	6500 SIA[1]	hprrl0aaa0320031zt <header>[#0aaa|0320031z]	Valid only for SC5000, depending on the zone type
		Printer[2]	dd/dd tt:tt Sxx aaa>SILENT: zone z	
38.	Burglary Alarm	6500 SIA[1]	hprrl0aaa0320031zt <header>[#0aaa|0320031z]	Valid only for SC5000, depending on the zone type
		Printer[2]	dd/dd tt:tt Sxx aaa>BURGLARY: zone z	
39.	Zone Bypass	6500 SIA[1]	hprrl0aaa0320041zt <header>[#0aaa|0320041z]	Valid only for SC5000
		Printer[2]	dd/dd tt:tt Sxx aaa BYPASS: zone z	
40.	Zone Unbypass	6500 SIA[1]	hprrl0aaa0320051zt <header>[#0aaa|0320051z]	Valid only for SC5000
		Printer[2]	dd/dd tt:tt Sxx aaa unbypass: zone z	
41.	Operator Armed	6500 SIA[1]	hprrl0aaa03200600t <header>[#0aaa|03200600]	Valid only for SC5000
		Printer[2]	dd/dd tt:tt Sxx aaa OPERATOR ARMED	
42.	User Armed	6500 SIA[1]	hprrl0aaa0320060ut <header>[#0aaa|0320060u]	Valid only for SC5000
		Printer[2]	dd/dd tt:tt Sxx aaa ARMED: user u	
43.	Operator Disarmed	6500 SIA[1]	hprrl0aaa03200700t <header>[#0aaa|03200700]	Valid only for SC5000
		Printer[2]	dd/dd tt:tt Sxx aaa>OPERATOR DISARMED	
44.	User Disarmed	6500 SIA[1]	hprrl0aaa0320070ut <header>[#0aaa|0320070u]	Valid only for SC5000
		Printer[2]	dd/dd tt:tt Sxx aaa>DISARMED: user u	
45.	User Duress	6500 SIA[1]	hprrl0aaa0320080ut <header>[#0aaa|0320080u]	Valid only for SC5000
		Printer[2]	dd/dd tt:tt Sxx aaa>DURESS: user u	
		6500 SIA1	hprrl0aaa03200900t <header>[#0aaa|03200900]	
		Printer2	dd/dd tt:tt Sxx aaa OPERATOR CANCEL	
		6500 SIA1	hprrl0aaa0320090ut <header>[#0aaa|0320090u]	
		Printer2	dd/dd tt:tt Sxx aaa CANCEL: user u	

1 - Refer to *Table* Explanation of Automation Output Items (within Message Body only).

2 - Refer to *Table* Explanation of Printer Output Items.

Table 121: SafeCom Messages - Intercepted Control Panel Signals			
#	Event	Device/ Mode	Display
1.	3-1 Unexpanded	6500 SIA[1]	hprrlaaaa0220e0t <header>[#aaaa|0220e0]
		Printer[2]	dd/dd tt:tt Sxx aaa>(aaaa) e XXXXXXXX
2.	3-1 Expanded, 4-2, BFSK, or Ademco 4-2 Express	6500 SIA[1]	hprrlaaaa0220ezt <header>[#aaaa|0220ez]
		Printer[2]	dd/dd tt:tt Sxx aaa>(aaaa) ez XXXXXXXX
3.	FBI SuperFast	6500 SIA[1]	hprrlaaaa0321ezzet <header>[#aaaa|0321ezze]
		Printer[2]	dd/dd tt:tt Sxx aaa>(aaaa) ee zzz >>>>>>>>>>>>>> aaa>XXXXXXXX
4.	Ademco 4-9 High Speed	6500 SIA[1]	hprrlaaaa0620eeeeeeeet0t <header>[#aaaa|0620eeeeeeeet0]
		Printer[2]	dd/dd tt:tt Sxx aaa>(aaaa) eeee eeee t
5.	Ademco Contact ID	6500 SIA[1]	hprrlaaaa072018qeeeggccc0t <header>[#aaaa|072018qeeeggccc0]
		Printer[2]	dd/dd tt:tt Sxx aaa>(aaaa) qeee gg czzz >>>>>>>>>>>>>> aaa>qeeeTTTTTTTTXXXXXXXX
6.	SIA DCS	6500 SIA[1]	hprrlaaaa0f20ffeeeezzzzzz0000000000000000t <header>[#aaaa|0f20ffeeeezzzzzz0000000000000000]
		Printer[2]	dd/dd tt:tt Sxx aaa>(aaaa) feezzz
7.	Modem II - PID 0x50	6500 SIA[1]	hprrlaaaa03231ezzt <header>[#aaaa|03231ezz]
		Printer[2]	dd/dd tt:tt Sxx aaa>(aaaa) ezz >>>>>>>>>>>>>> aaa>XXXXXXXX
8.	Modem II - PID 0x72, Unexpanded, without Status Report	6500 SIA[1]	hprrlaaaa0322ez00t <header>[#aaaa|0322ez00]
		Printer[2]	dd/dd tt:tt Sxx aaa>(aaaa) e z00 >>>>>>>>>>>>>> aaa>XXXXXXXX
9.	Modem II - PID 0x72, Unexpanded, with Status Report	6500 SIA[1]	hprrlaaaa0322ez00t <header>[#aaaa|0322ez00]
		Printer[2]	dd/dd tt:tt Sxx aaa>(aaaa) e z00 >>>>>>>>>>>>>> aaa>STATUS:XXXXXXXX
10.	Modem II - PID 0x72, Expanded, without Status Report	6500 SIA[1]	hprrlaaaa0322ezzzt <header>[#aaaa|0322ezxx]
		Printer[2]	dd/dd tt:tt Sxx aaa>(aaaa) e zzz >>>>>>>>>>>>>> aaa>XXXXXXXX
11.	Modem II - PID 0x72, Unexpanded, without Status Report	6500 SIA[1]	hprrlaaaa0322ez00t <header>[#aaaa|0322ez00]
		Printer[2]	dd/dd tt:tt Sxx aaa>(aaaa) e z00 >>>>>>>>>>>>>> aaa>XXXXXXXX
12.	Modem II - PID 0x72, Unexpanded, with Status Report	6500 SIA[1]	hprrlaaaa0322ez00t <header>[#aaaa|0322ez00]
		Printer[2]	dd/dd tt:tt Sxx aaa>(aaaa) e z00 >>>>>>>>>>>>>> aaa>STATUS:XXXXXXXX

Table 121: SafeCom Messages - Intercepted Control Panel Signals

#	Event	Device/ Mode	Display
13.	Modem II - PID 0x72, Expanded, without Status Report	6500 SIA[1]	hprrlaaaa0322ezzzt <header>[#aaaa|0322ezxx]
		Printer[2]	dd/dd tt:tt Sxx aaa>(aaaa) e zzz >>>>>>>>>>>>>> aaa>XXXXXXXX
14.	Modem II - PID 0x72, Expanded, with Status Report	6500 SIA[1]	hprrlaaaa0322ezzzt <header>[#aaaa|0322ezzz]
		Printer[2]	dd/dd tt:tt Sxx aaa>(aaaa) e zxx >>>>>>>>>>>>>> aaa>STATUS:XXXXXXXX
15.	Modem II - PID 0xBB	6500 SIA[1, 3]	hprrlaaaa0621aaeezzz000t <header>[#aaaa|0621aaeezzz000]
		Printer[2]	dd/dd tt:tt Sxx aaa>(aaaa) aa ee zzz >>>>>>>>>>>>>> aaa>XXXXXXXX
16.	Modem IIe/IIIa2	6500 SIA[1, 3]	hprrlaaaa0621aaeezzz000t <header>[#aaaa|0621aaeezzz000]
		Printer[2]	dd/dd tt:tt Sxx aaa>(aaaa) aa ee zzz >>>>>>>>>>>>>> aaa>XXXXXXXX
17.	Modem IIe/IIIa2 with 4-Digit Zone	6500 SIA[1, 3]	hprrlaaaa0622aaeezzzz00t <header>[#aaaa|0622aaeezzzz00]
		Printer[2]	dd/dd tt:tt Sxx aaa>(aaaa) aa ee zzzz >>>>>>>>>>>>>> aaa>XXXXXXXX

1 - Refer to *Table* Explanation of Automation Output Items (within Message Body only).
2 - Refer to *Table* Explanation of Printer Output Items.
3 - Refer to *Table* Supported Event Codes.

Table 122: Explanation of Automation Output Items (within Message Body only)	
Character	Meaning
aaa	Radio account number (in hex), range: 001 to 9C4.
i	Input number, range: 1 to 8.
z	Zone number, range: 1 to 8.
u	User number, range: 1 to 8.
aaaa	Control panel account number.
e ee eee eeee	Event code.
eeeeeeee	Event codes for Zone 1 thru 8 (Ademco 4-9 High Speed only).
t	Type code.
z zz zzz zzzz zzzzzz	Zone (or contact) code.
gg	Group number.
ff	Function code.
aa	Area code.
q	Event qualifier (1: new event or opening, 3: restoral or closing, 6: previous message) (Ademco Contact ID only).
ccc	Hex contact or user code.

Table 123: Explanation of Printer Output Items	
Character	Meaning
dd/dd	Month and day (MM/DD).
tt:tt	Time of message receipt (HH:MM).
S	SafeCom
xx	Line card number, range: 01 to 08.
n	Radio channel number, range: 1 to 8.
aaa	Radio account number (in hex), range: 001 to 9C4.
>	If exists, the signal is in high priority.
e	Error code (for dialer error signals only), range: 0 to 6.
i	Input number, range: 1 to 8.
z	Zone number, range: 1 to 8.
u	User number, range: 1 to 8.
(aaaa)	Control panel account number.

Table 124: Explanation of Printer Output Items (continued)

Character	Meaning
e ee eee	Event code.
eeee eeee	Event codes for Zone 1 thru 8 (Ademco 4-9 High Speed only).
t	Type code.
z zz zzz	Zone (or contact) code.
gg	Group number.
f	Function code.
aa	Area code.
XXXXXXXX	Translation text embedded (only when valid digital XLAT is selected for the radio account).
TTTTTTTT	Event type can be NEW, RESTORE, or PRIOR (Ademco Contact ID only).
q	Event qualifier (1: new event or opening, 3: restoral or closing, 6: previous message) (Ademco Contact ID only).

Modem IIe Format

DD/MM HH:MM:SS NNN > (DDDD) AA EE ZZZ

Modem IIe messages are reported as AA EE ZZZ where AA is the area code, EE is the event code from *Table* , and ZZZ is the zone or user code. For example: 01 EF 009 = area 1, alarm zone 9.

Table 125: Supported Event Codes

Code	Meaning	Code	Meaning
FE	Listen in.	D4	Walk test point.
FD	Fail to call RAM.	D3	Extend close time by user ZZZ.
FC	Access granted.	D2	Cancel by user ZZZ.
FB	Duress user ZZZ.	D1	Status = open.
FA	User ZZZ alarm 7.	D0	Open by user ZZZ.
F9	User ZZZ alarm 9.	CF	Force close by user ZZZ.
F8	Point ZZZ bypass.	CE	Status = closed.
F7	Point ZZZ forced bypass.	CD	Close by user ZZZ.
F6	Status = alarm ZZZ.	CC	Test report.
F5	Status = trouble ZZZ.	CB	Log at threshold.
F4	Fire alarm ZZZ.	CA	Log overflow.
F3	Fire trouble ZZZ.	C9	Parameter change.
F2	Missing fire ZZZ.	C8	User code tamper by user ZZZ.
F1	Fire restore ZZZ.	C7	User code for user ZZZ added or changed.
F0	Fire trouble restore ZZZ.	C6	Sked ZZZ execute.
EF	Alarm ZZZ.	C5	Sked ZZZ changed.
EE	Trouble ZZZ.	C4	Date changed by user ZZZ.
ED	Restore ZZZ.	C3	Time changed by user ZZZ.
EC	Missing alarm ZZZ.	C2	User level set by user ZZZ.
EB	Missing trouble ZZZ.	C1	Valid programmer access by SDI device ZZZ.
EA	Point ZZZ open.	C0	Invalid programmer access by SDI device ZZZ.
E9	Point ZZZ close.	BF	Valid RAM access on phone ZZZ.
E8	Extra point ZZZ.	BE	Invalid RAM access on phone ZZZ.
E7	Point bus trouble.	BD	Comm fail phone ZZZ.
E6	All points tested.	BC	Comm restore phone ZZZ.
E5	Restoral from alarm.	BB	Phone line ZZZ fail.
E4	Fire cancel.	BA	Phone line ZZZ restore.
E3	User code added.	B9	SDI device ZZZ trouble.
E2	Service start.	B8	SDI device ZZZ restore.
E1	Service end.	B7	Panel AC fail.
E0	Sensor ZZZ reset.	B6	Panel AC restore.
DF	Relay ZZZ set.	B5	Panel battery missing.
DE	Relay ZZZ reset.	B4	Panel battery low.
DD	Panel was forced armed.	B3	Panel battery restore.
DC	Create status report.	B2	Panel watchdog activated.
DB	Fire walk start by user ZZZ.	B1	Supervision (non-fire) ZZZ.
DA	Fire walk end.	B0	Remote reset.
D9	Walk test start by user ZZZ.	AF	ROM checksum failure.
D8	Walk test end.	AE	Memory failure.

Table 125: Supported Event Codes (continued)

Code	Meaning	Code	Meaning
D7	Fail to open.	AD	Reboot
D6	Fail to close.	AC	Parameter checksum failure.
D5	Area watch by user ZZZ.	AB	Force perimeter instant by user ZZZ.
A6	Perimeter delayed by user ZZZ.	77	Status RF trans low battery point ZZZ.
A5	Passcode for user ZZZ deleted.	76	Status RF trans tamper alarm point ZZZ.
A4	Point bus restore.	75	Status RF trans tamper trouble point ZZZ.
A2	Transmitter point ZZZ battery low.	74	Sensor Trouble point ZZZ.
A1	Transmitter point ZZZ battery restore.	73	Sensor Trouble Restoral point ZZZ.
A0	Transmitter point ZZZ tamper restore.	72	Status fire missing point ZZZ.
9F	RF receiver trouble by SDI device ZZZ.	71	Status missing alarm point ZZZ.
9A	Extra RF point ZZZ.	70	Status missing trouble point ZZZ.
99	RF receiver restore by SDI device ZZZ.	6F	Status door forced point ZZZ.
98	RF interference by SDI device ZZZ.	6E	Door locked point ZZZ.
95	Transmitter point ZZZ tamper alarm.	6D	Missing fire supervision point ZZZ.
94	Transmitter point ZZZ tamper trouble.	6C	Missing supervision point ZZZ.
92	Equipment restoral by SDI device ZZZ.	6B	Status missing fire supervision point ZZZ.
91	Card assigned by user ZZZ.	6A	Status missing supervision point ZZZ.
90	Card deleted by user ZZZ.	69	Status door left open point ZZZ.
8F	Door cycled point ZZZ.	68	Failed to execute point ZZZ.
8E	Door unlocked point ZZZ.	5F	Analog service point ZZZ.
8D	Door locked point ZZZ.	5E	Analog restoral point ZZZ.
8C	No entry point ZZZ.	5D	Status analog service point ZZZ.
8B	Door left open point ZZZ.	5C	Test Failed path ZZZ.
8A	Door request point ZZZ.	5B	External device ZZZ.
89	Network failure path ZZZ.	5A	Custom Function ZZZ Executed.
88	Network restoral path ZZZ.	59	Low Temperature point ZZZ.
87	Network condition path ZZZ.	58	Low Temperature Restoral point ZZZ.
86	Equipment fail by SDI device ZZZ.	56	Unverified Event point ZZZ.
85	Status supervision point ZZZ.	55	Printer Status by SDI device ZZZ.
84	Fire Supervision Restoral point ZZZ.	54	Abort by user ZZZ.
83	Fire supervision point ZZZ.	53	Service Request.
82	Fire Supervision Trouble point ZZZ.	52	Output ZZZ State.
81	Fire Supervision Trouble Restoral point ZZZ.	51	Output ZZZ State Restoral.
7F	Status fire supervision point ZZZ.	50	Bypass Restoral point ZZZ.
7E	Extra account path ZZZ.	4F	Alarm Silenced point ZZZ.
7D	Low signal strength path ZZZ.	4E	Alarm-Panel Substitution path ZZZ.
7C	RF receiver tamper by SDI device ZZZ.		

Appendix J: Acknowledgement from Automation Software to D6600/D6100IPv6 Receiver

If a response other than a valid ACK or NAK is received, the receiver will transmit the last message again. It will continue to send the same message until a valid NAK or ACK is received.

1. Automation software to receiver, ACK.

The ACK from automation to receiver structure:

D6500 mode:
<0x06>
1 byte length and value is 0x06

SIA mode:

<LF><CRC><LEN><TAB><sequence#><receiver#><line>[]<CR>

LF	Standard line feed character.
CRC	Cyclical Redundancy Check number. (Calculated the same as in SIA DC-07)
LEN	Two-digit length identifier that indicates how many characters directly follow it (th trailing <CR> character is not counted).
TAB	09 hex
Sequence#	The message sequence number of the message which to be acknowledged.
Receiver#	The Receiver/Gateway number of the message to be acknowledged.
Line#(Line/Group #)	The line/group number of the message to be acknowledged.
CR	SIA trailer char, hex 0D

2. Automation software to receiver, NAK.

A NAK response from automation software will force the receiver to transmit the last message again. If 3 sequential NAKs are received for the same message, then the receiver will skip that message and move to the next one.

The NAK from automation to receiver structure:

D6500 mode:
<0x15>
1 byte length and value is 0x15

SIA mode:

<LF><CRC><LEN><TAB><0000><receiver#><00>[]<CR>

LF	Standard line feed character.
CRC	Cyclical Redundancy Check number. (Calculated the same as in SIA DC-07)
LEN	Two-digit length identifier that indicates how many characters directly follow it (the trailing <CR> character is not counted).
TAB	09 hex
0000	The message sequence number, fixed 0000 for NAK.
Receiver#	The Receiver/Gateway that receives the NAK message, valid digits are: 01-99 for D6600.
00	The line number, fixed 00 for NAK.
CR	SIA trailer char, hex 0D

Appendix K: Cyclic Redundancy Check (CRC) Calculation

This CRC calculation section is referenced from the SIA DC-07 Computer Interface Standard. The calculations for CRCs to the Bosch receivers are performed in the same manner.

CRCs are based on treating bit strings as representations of polynomials with coefficients of 0 and 1 only. An n-bit message is regarded as the coefficient list for a polynomial with n terms, ranging from
x ^ n-1 (high order bit) to x ^ 0 (low order bit).

For example, 110001 has 6 bits and thus represents a six term polynomial with coefficients 1, 1, 0, 0, 0, and 1: x ^ 5 + x ^ 4 + x ^ 0.

When the polynomial code method is employed, the sender and receiver must agree upon a generator polynomial in advance. Both the high order and low order bits of the generator must be 1. The basic idea is that the polynomial represented by the check summed message is divided by the generator. If there is a remainder, then there has been a transmission error.

A 16 bit generator polynomial which has been widely implemented in data transfer protocols (such as XMODEM CRC) is:

X ^ 16 + X ^ 15 + X ^ 2 + 1

This polynomial is called CRC-16. It catches all single and double errors, all errors with an odd number of bits, all burst errors of 16 bits or less, 99.997% (1/32768 chance of failure) of 17 bit burst errors, and 99.998% of 18 bit and longer burst errors (1/65536 chance of failure).

Polynomial arithmetic is done modulo 2, according to the rules of algebraic field theory, and therefore should be performed with simple exclusive-ORs. Floating point is not required.

Calculation Routines

Two calculation routines are shown below, which each yield the same results. The second method of CRC calculation greatly speeds CRC processing, but does require a 512 byte table.

Calculation Method 1

The following C Language program illustrates CRC calculation. It can be compiled as shown with many compilers to demonstrate the CRC process.

```
/* THESE INCLUDES FOR MICROSOFT C 5.1 */
#include "stdio.h"
#include "stdlib.h"

/* FORWARDS */
unsigned int calcCRC(unsigned CRC, int ch);

void main(void)
{
        unsigned int CRC;      /* 16 BIT CRC RESULT */
```

```
        int count, ch;
        char *ptr, str[1024];

        CRC = 0;
        count = 0;
        printf("Input string for CRC calculation (<CR> to end): ");
        ptr = gets(str);
        while (ch = *ptr++)
                {
                CRC = calcCRC(CRC, ch); /* CALL CRC FUNCTION BELOW */
                printf("\nChar %c [%2.2x] CRC is %4.4x, %2.2x count",
                (ch > 32) ? ch : '.', ch, CRC, ++count);
                }
}
unsigned int calcCRC(unsigned CRC, int ch)
{
int i;
unsigned char temp;

temp = (unsigned char)ch; /* TREAT LOCALLY AS UNSIGNED */
for (i = 0; i < 8; i++) /* DO 8 BITS */
        {
        temp ^= CRC & 1;      /* PROCESS LSB */
        CRC >>= 1;     /* SHIFT RIGHT */
        if (temp & 1)
                CRC ^= 0xA001;        /* IF LSB SET,ADD FEEDBACK */
        temp >>= 1;    /* GO TO NEXT BIT */
        }
        return CRC;
}
```

Calculation Method 2

Alternatively, the routine calcCRC could be replaced by the following, faster routine:

```
void calcCRC2(unsigned int CRC, int ch)
{
static unsigned int crcTable[]= {
/* DEFINE THE FIRST ORDER POLINOMIAL TABLE */
0x0000,0xc0c1,0xc181,0x0140,0xc301,0x03c0,0x0280,0xc241,
0xc601,0x06c0,0x0780,0xc741,0x0500,0xc5c1,0xc481,0x0440,
0xcc01,0x0cc0,0x0d80,0xcd41,0x0f00,0xcfc1,0xce81,0x0e40,
0x0a00,0xcac1,0xcb81,0x0b40,0xc901,0x09c0,0x0880,0xc841,
0xd801,0x18c0,0x1980,0xd941,0x1b00,0xdbc1,0xda81,0x1a40,
0x1e00,0xdec1,0xdf81,0x1f40,0xdd01,0x1dc0,0x1c80,0xdc41,
0x1400,0xd4c1,0xd581,0x1540,0xd701,0x17c0,0x1680,0xd641,
0xd201,0x12c0,0x1380,0xd341,0x1100,0xd1c1,0xd081,0x1040,
0xf001,0x30c0,0x3180,0xf141,0x3300,0xf3c1,0xf281,0x3240,
0x3600,0xf6c1,0xf781,0x3740,0xf501,0x35c0,0x3480,0xf441,
0x3c00,0xfcc1,0xfd81,0x3d40,0xff01,0x3fc0,0x3e80,0xfe41,
```

```
0xfa01,0x3ac0,0x3b80,0xfb41,0x3900,0xf9c1,0xf881,0x3840,
0x2800,0xe8c1,0xe981,0x2940,0xbe01,0x2bc0,0x2a80,0xea41,
0xee01,0x2ec0,0x2f80,0xef41,0x2d00,0xedc1,0xec81,0x2c40,
0xe401,0x24c0,0x2580,0xe541,0x2700,0xe7c1,0xe681,0x2640,
0x2200,0xe2c1,0xe381,0x2340,0xe101,0x21c0,0x2080,0xe041,
0xa001,0x60c0,0x6180,0xa141,0x6300,0xa3c1,0xa281,0x6240,
0x6600,0xa6c1,0xa781,0x6740,0xa501,0x65c0,0x6480,0xa441,
0x6c00,0xacc1,0xad81,0x6d40,0xaf01,0x6fc0,0x6e80,0xae41,
0xaa01,0x6ac0,0x6b80,0xab41,0x6900,0xa9c1,0xa881,0x6840,
0x7800,0xb8c1,0xb981,0x7940,0xbb01,0x7bc0,0x7a80,0xba41,
0xbe01,0x7ec0,0x7f80,0xbf41,0x7d00,0xbdc1,0xbc81,0x7c40,
0xb401,0x74c0,0x7580,0xb541,0x7700,0xb7c1,0xb681,0x7640,
0x7200,0xb2c1,0xb381,0x7340,0xb101,0x71c0,0x7080,0xb041,
0x5000,0x90c1,0x9181,0x5140,0x9301,0x53c0,0x5280,0x9241,
0x9601,0x56c0,0x5780,0x9741,0x5500,0x95c1,0x9481,0x5440,
0x9c01,0x5cc0,0x5d80,0x9d41,0x5f00,0x9fc1,0x9e81,0x5e40,
0x5a00,0x9ac1,0x9b81,0x5b40,0x9901,0x59c0,0x5880,0x9841,
0x8801,0x48c0,0x4980,0x8941,0x4b00,0x8bc1,0x8a81,0x4a40,
0x4e00,0x8ec1,0x8f81,0x4f40,0x8d01,0x4dc0,0x4c80,0x8c41,
0x4400,0x84c1,0x8581,0x4540,0x8701,0x47c0,0x4680,0x8641,
0x8201,0x42c0,0x4380,0x8341,0x4100,0x81c1,0x8081,0x4040,
};
unsigned char temp;

temp = (unsigned char)ch;
return (CRC >> 8) ^ (crcTable[temp ^ (CRC & 0xff)]);
```

Appendix L: Network Automation

Overview

Network automation is a function of the receiver that allows the receiver to send the information from the receiver to the automation software using a network connection instead of a RS-232 serial connection to COM3 on the receivers. The receivers only support one method of automation connection, either RS-232 serial on COM3 or network automation using Conettix IP connection on a D6600 or D6100IPv6. One method is not a fail over for the other.

Network automation works by programming the receiver to send the events using the D6686/D6682/D6680 on COM4 of a D6600 or the on-board IP of the D6100IPv6/D6100i. Automation must be able to receive these events using UDP/IP over the network and able to send the ACK or NAK back to the receiver. Verify if the automation vendor is compatible with the Bosch network automation configuration.

Automation Information

The Bosch receivers send events over the network using UDP/IP to the IP Address of the PC that the automation software is running on and the port # that the automation is listening for the receiver on. Each receiver should be sending to a unique port # on the automation PC. The automation will receive each packet and must cache the source IP address and source port # to be used for the ACK or NAK packet creation. The automation will extract the data portion of the UDP packet and process the data to create an ACK or NAK as it normally would.

The data portion of the IP packets is identical to the data that is sent over RS-232 serial to automation. Automation should process the data in the exact same manner as it would when received over serial.

The automation shall reply to the receiver with the proper ACK or NAK in the data portion of a UDP packet using the cached source IP Address and port # as the destination IP Address and port #. Here is an example of this process:

- Link Test from receiver to automation example
  - Link Test packet is sent from receiver IP Address 192.168.1.10 Port # 7700 to automation on IP Address 192.168.1.200 Port #10000.
    - Source IP Address 192.168.1.10
    - Source Port # 7700
    - Destination IP Address 192.168.1.200
    - Destination Port # 10000
  - Automation accepts the packet, caches the source IP Address and Port #
  - Processes the data portion of the packet and generates the ACK/NAK for the data portion of the reply packet.
  - ACK/NAK reply packet is sent from automation IP Address 192.168.1.200 Port #10000 to receiver IP Address 192.168.1.10 Port #7700.
    - Source IP Address 192.168.1.200
    - Source Port 10000
    - Destination IP Address 192.168.1.10
    - Destination Port # 7700

See the *Conettix D6600/D6100IPv6 Program Entry Guide* – 4998122702 for detailed information on configuring the receiver to send using network automation in parameters **6.3 Network Automation Connection**.

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