APPENDIX A   # Ademco Contact ID Format Event Code Descriptions

This appendix describes the various Event Codes and their messages which are available for the Ademco Contact ID Format.

A.1 Transmission Format Between DACT and Receiver

The transmission string for the Ademco Contact ID Format is as follows:

SSSS 18 QXYZ GG CCC where

SSSS	= Four digit Subscriber ID Account Code
18	= Identifies transmission as Contact ID to the receiver at the Central Station
Q	= Event Qualifier where 1 = New Event and 3 = New Restore
XYZ	= Event code
GG	= Group number
CCC	= Zone number

Notes:

1. **18**, which is used in the reporting structure to identify the transmission as Contact ID, is not printed out in the alarm and trouble report.

2. **GG** Group Number is fixed at '00' and cannot be changed.

3. **CCC** for Zone Number is transmitted as '001' for zone 1 up to '010' for zone 10
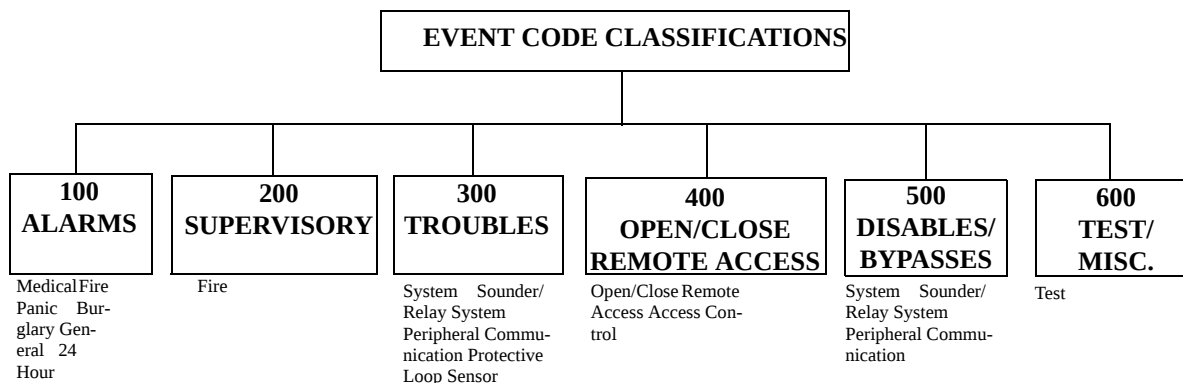
A.2 Ademco Contact ID Typical Printout

A typical printout from a Central Station receiver (such as the Ademco 685) of alarm and trouble reports in the Ademco Contact ID Reporting Structure follows:

Time	Date	Rcvr/Line ID	SSSS	QXYZ	GG	CCCC
11:28	03/25	11	7777	E110	00	C001 - general fire alarm on zone one
11:28	03/25	11	7777	E111	00	C002 - smoke detector alarm on zone two
11:28	03/25	11	7777	E380	00	C003 - fault on zone three
11:28	03/25	11	7777	E570	00	C009 - Zone nine disabled
11:28	03/25	11	7777	R110	00	C001 - Zone one alarm restored
11:28	03/25	11	7777	R111	00	C002 - smoke detector zone two restored
11:28	03/25	11	7777	R380	00	C003 - zone three fault restored
11:28	03/25	11	7777	R570	00	C009 - zone nine reenabled
11:28	03/25	11	7777	E158	00	C006 - high temperature, zone six
11:28	03/25	11	7777	E151	00	C007 - gas detected, zone seven

Notes:

1. **11** is an example of a Receiver/Line Card, showing which receiver and line card the message was transmitted to.

2. **Q**, which is the Event Qualifier for the reporting structure, is printed out in the report as an **E** for New Event or R for New Restore.

EVENT CODE CLASSIFICATIONS

100 ALARMS	**200 SUPERVISORY**	**300 TROUBLES**	**400 OPEN/CLOSE REMOTE ACCESS**	**500 DISABLES/ BYPASSES**	**600 TEST/ MISC.**
Medical Fire Panic Bur- glary Gen- eral 24 Hour	Fire	System Sounder/ Relay System Peripheral Commu- nication Protective Loop Sensor	Open/Close Remote Access Access Con- trol	System Sounder/ Relay System Peripheral Commu- nication	Test

EVENT   **MESSAGE**

Medical Alarms - 100
100 Medical   EMERG - Personal Emergency - #
101 Pendant transmitter   EMERG - Personal Emergency - #
102 Fail to report in   EMERG - Fail to Check-in - #

Fire Alarms - 110
110 Fire Alarm   FIRE - Fire Alarm - #
111 Smoke   FIRE - Smoke Detector - #
112 Combustion   FIRE - Combustion - #
113 Waterflow   FIRE - Waterflow - #
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
120 Panic Alarm   PANIC - Panic - #
121 Duress   PANIC - Duress
122 Silent   PANIC - Silent Panic - #
123 Audible   PANIC - Audible Panic - #

Burglar Alarms - 130
130 Burglary   BURG - Burglary - #
131 Perimeter   BURG - Perimeter - #
132 Interior   BURG - Interior - #
133 24-Hour   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 - #

General Alarms - 140
140 General Alarm   ALARM - General Alarm - #
141 Polling loop open   ALARM - Polling Loop Open - #
142 Polling loop short   ALARM - Polling Loop Short - #
143 Expansion module failure   ALARM - Exp. Module Fail - #
144 Sensor tamper   ALARM - Sensor Tamper - #
145 Expansion module tamper   ALARM - Exp. Module Tamper - #

EVENT	MESSAGE
24 Hour Non-Burglary - 150 and 160	
150 24-Hour Non-Burg	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	ALARM - Foil Break - #
156 Day trouble	ALARM - 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 - #
Fire Supervisory - 200 and 210	
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 - #
System Troubles - 300 and 310	
300 System trouble	TROUBLE - System Trouble
301 AC loss	TROUBLE - AC Power
302 Low system battery	TROUBLE - System 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 program changed	TROUBLE - Programming Changed (restore not applicable)
307 Self-test failure	TROUBLE - Self Test Failure
308 System shutdown	TROUBLE - System Shutdown
309 Battery test failure	TROUBLE - Battery Test Failure
310 Ground fault	TROUBLE - Ground Fault - #
311 No battery	TROUBLE - No Battery
Sounder/Relay Troubles - 320	
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	TROUBLE - Reversing Relay
326 Bell 3	TROUBLE - Bell/Siren #3
327 Bell 4	TROUBLE - Bell/Siren #4
System Peripheral Troubles - 330 and 340	
330 System peripheral	TROUBLE - Sys. Peripheral - #
331 Polling loop open	TROUBLE - Polling Loop Open
332 Polling loop short	TROUBLE - Polling Loop Short
333 Expansion module failure	TROUBLE - Exp. Module Fail - #
334 Repeater failure	TROUBLE - Repeater Failure - #
335 Local printer paper out	TROUBLE - Printer Paper Out
336 Local printer failure	TROUBLE - Local Printer

EVENT	MESSAGE	
Communication Troubles - 350 and 360		
350 Communication	TROUBLE - Communication Trouble	
351 Telco 1 fault	TROUBLE - Phone Line #1	
352 Telco 2 fault	TROUBLE - Phone Line #2	
353 Long range radio xmitter fault	TROUBLE - Radio Transmitter	
354 Fail to communicate	TROUBLE - Fail to Communicate	
355 Loss of radio supervision	TROUBLE - Radio Supervision	
356 Loss of central polling	TROUBLE - Central Radio Polling	
Protection Loop Troubles - 370		
370 Protection loop	TROUBLE - Protection Loop - #	
371 Protection loop open	TROUBLE - Protection Loop Open - #	
372 Protection loop short	TROUBLE - Protection Loop Short - #	
373 Fire Trouble	TROUBLE - Fire Loop - #	
Sensor Troubles - 380		
380 Sensor trouble	TROUBLE - Sensor Trouble - #	
381 Loss of supervision - RF	TROUBLE - RF Sensor Supervision - #	
382 Loss of supervision - RPM	TROUBLE - RPM Sensor Supervision - #	
383 Sensor tamper	TROUBLE - Sensor Tamper - #	
384 RF transmitter low battery	TROUBLE - RF Sensor Batt. - #	
Open/Close - 400		
400 Open/Close	OPENING	CLOSING
401 Open/Close by user	OPENING - User #	CLOSING - User #
402 Group Open/Close	OPENING - Group User #	CLOSING - Group User #
403 Automatic Open/Close	OPENING - Automatic	CLOSING - Automatic
404 Late Open/Close	OPENING - Late	CLOSING - Late
405 Deferred Open/Close	Opening not used	Closing not used
406 Cancel	OPENING - Cancel	Closing not used
407 Remote arm/disarm	OPENING - Remote	CLOSING - Remote
408 Quick arm	Opening not applicable	CLOSING - Quick arm
409 Keyswitch Open/Close	OPENING - Keyswitch	CLOSING - Keyswitch
Remote Access - 410		
411 Callback request made	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 Success - upload/access	REMOTE - Successful Access	(restore not applicable)
Access Control - 420		
421 Access denied	ACCESS - Access Denied - User #	(restore not used)
422 Access report by user	ACCESS - Access Gained - User #	(restore not used)
System Disables - 500 and 510		

EVENT   **MESSAGE**

Sounder/Relay Disables - 520
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 Bell 3 disable   DISABLE - Bell/Siren - #3
527 Bell 4 disable   DISABLE - Bell/Siren - #4

System Peripheral Disables - 530 and 540

Communication Disables - 550 and 560
551 Dialer disabled   DISABLE - Dialer Disable
552 Radio transmitter disabled   DISABLE - Radio Disable

Bypasses - 570
570 Zone bypass   BYPASS - Zone Bypass - #
571 Fire bypass   BYPASS - Fire Bypass - #
572 24-Hour zone bypass   BYPASS - 24-Hour Bypass - #
573 Burglar bypass   BYPASS - Burg. Bypass - #
574 Group bypass   BYPASS - Group Bypass - #

Test Misc. - 600
601 Manual trigger test   TEST - Manually Triggered   (restore not applicable)
602 Periodic test report   TEST - Periodic   (restore not applicable)
603 Periodic RF transmission   TEST - Periodic Radio   (restore not applicable)
604 Fire test   TEST - Fire Test   (restore not used)
605 Status report to follow   STATUS - Status Follows   (restore not applicable)
606 Listen-in to follow   LISTEN - Listen-in Active   (restore not applicable)
607 Walk test mode   TEST - Walk Test Mode
608 System abnormal test   TEST - System Abnormal Test