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Report from Radionics panels:

Signal	SG-DRL2A Print out	Automation output
Fire alarm	LOX-AAAA-FIRE ALM----- AREA=a PT=ppp -----	6RRLsssssAAAAsFsppt
Fire Trouble	LOX-AAAA-FIRE TRB---- AREA=a PT=ppp -----	6RRLsssssAAAAGsppt
Fire missing	LOX-AAAA-MISS FIRE --- AREA=a PT=ppp -----	6RRLsssssAAAAsMsppt
Fire restoral	LOX-AAAA-FIRE RESTR--- AREA=a PT=ppp -----	6RRLsssssAAAAHsppt
Alarm	LOX-AAAA-ALM REP---- AREA=a PT=ppp -----	6RRLsssssAAAAsAsppt
Alarm	LOX-AAAA-ALM REP--- PT=ppp -----	6RRLsssssAAAAsAsppt
Duress	LOX-AAAA-DURESS----- AREA=a ID=iii-----	6RRLsssssAAAAsDsiiiit
User alarm 7	LOX-AAAA-USR ALM CMD7- AREA=a ID=iii-----	6RRLsssssAAAAsUsss7t
User alarm cmd 7 (NO AREA)	LOX-AAAA-USR ALM CMD7--- ID=iii-----	6RRLsssssAAAAsUsss7t
User alarm 7 (NO ID)	LOX-AAAA-USR ALM CMD7- AREA=a -----	6RRLsssssAAAAsUsss7t
User alarm 9	LOX-AAAA-USR ALM CMD9- AREA=a ID=iii-----	6RRLsssssAAAAsUsss9t
User alarm cmd 9 (NO AREA)	LOX-AAAA-USR ALM CMD9--- ID=iii-----	6RRLsssssAAAAsUsss9t
User alarm 9 (NO ID)	LOX-AAAA-USR ALM CMD9- AREA=a -----	6RRLsssssAAAAsUsss9t
Cancel alarm	LOX-AAAA-CANC ALM--- AREA=a ID=iii-----	6RRLsssssAAAAs\sssst
Cancel alarm (NO AREA)	LOX-AAAA-CANC ALM--- ID=iii-----	6RRLsssssAAAAs\sssst
Trouble (NO AREA)	LOX-AAAA-TRB REP----- PT=ppp-----	6RRLsssssAAAAsTsppt
Trouble	LOX-AAAA-TRB REP----- AREA=a PT=ppp -----	6RRLsssssAAAAsTsppt
Restoral	LOX-AAAA-RESTR REP----- AREA=a PT=ppp -----	6RRLsssssAAAAsRsppt
Restoral (NO AREA)	LOX-AAAA-RESTR REP----- PT=ppp-----	6RRLsssssAAAAsRsppt
Missing Alarm	LOX-AAAA-MISS ALM--- AREA=a PT=ppp -----	6RRLsssssAAAAsMsppt
Missing Trouble	LOX-AAAA-MISS TRB----- AREA=a PT=ppp -----	6RRLsssssAAAAsVsppt
Opening (ID)	LOX-AAAA-OPEN REP----- ID = iii-----	6RRLsssssAAAAsOsiiiit

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Point Opening	L0X-AAAA-POINT OPENING--- AREA =a PT = ppp -----	6RRLsssssAAAAsOsppt
Early open by area	L0X-AAAA-EARLY TO OPEN--- AREA =a ID = iii -----	6RRLsssssAAAAsOsiit
Early open by Area (no ID)	L0X-AAAA-EARLY TO OPEN--- AREA = a -----	6RRLsssssAAAAsOsssst
Early Open by Account	L0X-AAAA-EARLY TO OPEN--- ID = iii -----	6RRLsssssAAAAsOsiit
Early open by account (NO ID)	L0X-AAAA-EARLY TO OPEN--- -----	6RRLsssssAAAAsOsssst
Opening by area	L0X-AAAA-OPEN REP-- AREA =a ID =iii -----	6RRLsssssAAAAsOsiit
Opening by area (NO ID)	L0X-AAAA-OPEN REP-- AREA =a -----	6RRLsssssAAAAsOsssst
Opening by account	L0X-AAAA-OPEN REP-- ID = iii -----	6RRLsssssAAAAsOsiit
Opening by account (NO ID)	L0X-AAAA-OPEN REP-- -----	6RRLsssssAAAAsOsssst
Late opening by area	L0X-AAAA-LATE TO OPEN---- AREA = a ID =iii -----	6RRLsssssAAAAsOsiit
Late opening by area (NO ID)	L0X-AAAA-LATE TO OPEN---- AREA = a -----	6RRLsssssAAAAsOsssst
Late opening by account	L0X-AAAA-LATE TO OPEN---- ID = iii -----	6RRLsssssAAAAsOsiit
Late opening by acct (NO ID)	L0X-AAAA-LATE TO OPEN---- -----	6RRLsssssAAAAsOsssst
Fail to open by area	L0X-AAAA-FAIL TO OPEN---- AREA = a -----	6RRLsssssAAAAsTsssEt
Closing (ID)	L0X-AAAA-CLOSE REP----- ID = iii-----	6RRLsssssAAAAsCsiit
Point Closing	L0X-AAAA-POINT CLOSE--- AREA = a POINT = ppp -----	6RRLsssssAAAAsCsppt
Closing early by area	L0X-AAAA-CLOSE EARLY--- AREA =a ID =iii -----	6RRLsssssAAAAsCsiit
Closing early by area (NO ID)	L0X-AAAA-CLOSE EARLY--- AREA =a -----	6RRLsssssAAAAsCsssst
Closing early by account	L0X-AAAA-CLOSE EARLY--- ID =iii -----	6RRLsssssAAAAsCsiit
Closing early by acct (NO ID)	L0X-AAAA-CLOSE EARLY--- -----	6RRLsssssAAAAsCsssst
Fail to close by area	L0X-AAAA-FAIL TO CLOSE--- AREA =a -----	6RRLsssssAAAAsTsssEt
Extend close time by area	L0X-AAAA-EXTN CLOSE TIME- AREA =a ID =iii TIME =hh:mm-	6RRLsssssAAAAsXss27t 6RRLsssssAAAAsTsD26t
Extend close time by area (NO ID)	L0X-AAAA-EXTN CLOSE TIME- AREA =a TIME =hh:mm -----	6RRLsssssAAAAsXss27t 6RRLsssssAAAAsTsD26t

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Perimeter instant	L0X-AAAA-PERM INST ARMED- AREA= a ID =iii -----	6RRLsssssAAAAsCsiit
Perimeter instant (NO ID)	L0X-AAAA-PERM INST ARMED- AREA =a -----	6RRLsssssAAAAsCsssst
Perimeter instant (NO AREA)	L0X-AAAA-PERM INST ARMED- ID=iii -----	6RRLsssssAAAAsCsiit
Perimeter delay	L0X-AAAA-PERM DLAY ARMED- AREA=a ID=iii-----	6RRLsssssAAAAsCsiit
Perimeter delay (NO ID)	L0X-AAAA-PERM DLAY ARMED- AREA=a -----	6RRLsssssAAAAsCsssst
Perimeter delay (NO AREA)	L0X-AAAA-PERM DLAY ARMED- ID=iii -----	6RRLsssssAAAAsCsiit
Was force armed	L0X-AAAA-WAS FORCE ARMED- -----	6RRLsssssAAAAsWsssst
Force close by area	L0X-AAAA-FORCED CLOSE--- AREA=a ID=iii-----	6RRLsssssAAAAsCsiit
Force close by area (NO ID)	L0X-AAAA-FORCED CLOSE--- AREA=a -----	6RRLsssssAAAAsCsssst
Force close by account	L0X-AAAA-FORCED CLOSE--- ID=iii -----	6RRLsssssAAAAsCsiit
Force close by account (NO ID)	L0X-AAAA-FORCED CLOSE--- -----	6RRLsssssAAAAsCsssst
Force close early by area	L0X-AAAA-F CLOSE EARLY--- AREA=a ID=iii -----	6RRLsssssAAAAsCsiit
Force close early by area (NO ID)	L0X-AAAA-F CLOSE EARLY--- AREA=a -----	6RRLsssssAAAAsCsssst
Force close early by account	L0X-AAAA-F CLOSE EARLY--- ID=iii -----	6RRLsssssAAAAsCsiit
Force close early by account (NO ID)	L0X-AAAA-F CLOSE EARLY--- -----	6RRLsssssAAAAsCsssst
Force close late by area	L0X-AAAA-F CLOSE LATE--- AREA=a ID=iii -----	6RRLsssssAAAAsCsiit
Force close late by area (NO ID)	L0X-AAAA-F CLOSE LATE--- AREA=a -----	6RRLsssssAAAAsCsssst
Force close late by account	L0X-AAAA-F CLOSE LATE--- ID=iii -----	6RRLsssssAAAAsCsiit
Force close late by account (NO ID)	L0X-AAAA-F CLOSE LATE--- -----	6RRLsssssAAAAsCsssst
Force close perimeter instant by area	L0X-AAAA-F CLOSE PR INST- AREA=a ID=iii-----	6RRLsssssAAAAsCsiit
Force close perimeter instant by area(NO ID)	L0X-AAAA-F CLOSE PR INST- AREA=a -----	6RRLsssssAAAAsCsssst

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Force close perimeter delay by area	L0X-AAAA-F CLOSE PR DLAY- AREA=a ID=iii -----	6RRLsssssAAAAsCsiit
Force close perimeter delay by area (NO ID)	L0X-AAAA-F CLOSE PR DLAY- AREA=a -----	6RRLsssssAAAAsCsssst
Test report	L0X-AAAA-TEST REP----- -----	6RRLsssssAAAAsRsssEt
Status: alarm	L0X-AAAA-S: ALM----- AREA=a POINT=ppp -----	6RRLsssssAAAAsAAspppt
Status: trouble	L0X-AAAA-S: TRB----- AREA=a POINT=ppp -----	6RRLsssssAAAAsTAspppt
Status: open by area	L0X-AAAA-S: OPENING----- AREA=a -----	6RRLsssssAAAAsOsssst
Status: close by area	L0X-AAAA-S: CLOSING----- AREA=a -----	6RRLsssssAAAAsCsssst
Status: perimeter instant by area	L0X-AAAA-S: PERIM INSTANT AREA=a -----	6RRLsssssAAAAsCsssst
Status: perimeter delay by area	L0X-AAAA-S: PERIM DELAY-- AREA=a -----	6RRLsssssAAAAsCsssst
Status: RF battery low	L0X-AAAA-S: RF BATT LOW- AREA=a -----	6RRLsssssAAAAsTsssst
Swinger bypass	L0X-AAAA-SWINGER BYPASS-- AREA=a PT=ppp -----	6RRLsssssAAAAsNspppt
Swinger bypass (NO AREA)	L0X-AAAA-SWINGER BYPASS-- PT=ppp -----	6RRLsssssAAAAsNspppt
Point bypass	L0X-AAAA-POINT BYPASS---- AREA=a PT=ppp ID=iii--	6RRLsssssAAAAsNspppt
Point bypass (NO AREA/ ID)	L0X-AAAA-PT BYPASS---- PT=ppp -----	6RRLsssssAAAAsNspppt
Point bypass (NO AREA)	L0X-AAAA-PT BYPASS---- PT=ppp ID=iii--	6RRLsssssAAAAsNspppt
Point bypass (NO ID)	L0X-AAAA-PT BYPASS---- AREA=a PT=ppp -----	6RRLsssssAAAAsNspppt
Forced point (NO ID)	L0X-AAAA-FORCED PT---- AREA=a PT=ppp -----	6RRLsssssAAAAsTAspppt
Forced point	L0X-AAAA-FORCED PT---- AREA=a PT=ppp ID=iii--	6RRLsssssAAAAsTAspppt
Sensor reset	L0X-AAAA-SENSOR RESET---- AREA=a ID=iii RELAY#=rrr-	6RRLsssssAAAAsXss27t 6RRLsssssAAAAsNsD27t
Sensor reset (NO RELAY)	L0X-AAAA-SENSOR RESET---- AREA=a ID=iii -----	6RRLsssssAAAAsXss27t 6RRLsssssAAAAsNsD27t
Sensor reset (NO ID)	L0X-AAAA-SENSOR RESET---- AREA=a RELAY#=rrr-----	6RRLsssssAAAAsXss27t
Sensor reset (NO ID /RELAY)	L0X-AAAA-SENSOR RESET---- AREA=a -----	6RRLsssssAAAAsXss27t

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Log threshold	L0X-AAAA-LOG THRESHOLD--- -----	6RRLssssssAAAAsTsD01t
User code tamper	L0X-AAAA-USR CODE TAMP AREA=a -----	6RRLssssssAAAAsNsD03t
User code changed	L0X-AAAA-USR CODE CHANGE- AREA=a CODE ID=cccID=iii-	6RRLssssssAAAAsNsD04t
User code changed (NO ID)	L0X-AAAA-USR CODE CHANGE- AREA=a CODE ID=ccc -----	6RRLssssssAAAAsNsD04t
User code deleted	L0X-AAAA-USR CODE DELETE- AREA=a CODE ID=cccID=iii-	6RRLssssssAAAAsNsD05t
User code deleted(NO ID)	L0X-AAAA-USR CODE DELETE- AREA=a CODE ID=ccc -----	6RRLssssssAAAAsNsD05t
Valid local access	L0X-AAAA-PROG ACCESS OK-- -----	6RRLssssssAAAAsRsF01t
Invalid local access	L0X-AAAA-PROG ACCESS BAD- -----	6RRLssssssAAAAsTsF01t
Valid Remote access	L0X-AAAA-RAM ACCESS OK-- -----	6RRLssssssAAAAsRsssFt
Invalid remote access	L0X-AAAA-RAM ACCESS BAD- -----	6RRLssssssAAAAsTsssFt
Phone line 1 fail	L0X-AAAA-PHONE LINE FAIL- PHONE LINE=1-----	6RRLssssssAAAAsTsssBt
Phone line 1 Restoral	L0X-AAAA-PHONE RESTORAL-- PHONE LINE=1-----	6RRLssssssAAAAsRsssBt
Phone line 2 fail	L0X-AAAA-PHONE LINE FAIL- PHONE LINE=2-----	6RRLssssssAAAAsTsssCt
Phone line 2 Restore	L0X-AAAA-PHONE RESTORAL-- PHONE LINE=2-----	6RRLssssssAAAAsRsssCt
Communication Restoral	L0X-AAAA-COMM. RESTORAL--- PHONE=1-----	6RRLssssssAAAAsB01t
Keypad fail	L0X-AAAA-SDI FAIL----- SDI=ddd-----	6RRLssssssAAAAsTsssDt
Keypad Restoral	L0X-AAAA-SDI RESTR---- SDI=ddd-----	6RRLssssssAAAAsRsssDt
Point bus fail	L0X-AAAA-PT BUS TRB-- -----	6RRLssssssAAAAsTsssDt
Point bus Restoral	L0X-AAAA-PT BUS RESTR- -----	6RRLssssssAAAAsRsssDt
AC fail	L0X-AAAA-AC FAIL----- -----	6RRLssssssAAAAsPsssst
AC Restoral	L0X-AAAA-AC RESTR----- -----	6RRLssssssAAAAsRsss0t
Battery missing	L0X-AAAA-BATT MISS -----	6RRLssssssAAAAsTsss9t
Battery low	L0X-AAAA-BATT LOW----- -----	6RRLssssssAAAAsTsss9t

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Battery Restoral	L0X-AAAA-BATT RESTR -----	6RRLsssssAAAAsRsss9t
Watchdog reset	L0X-AAAA-WATCHDOG RESET-- -----	6RRLsssssAAAAsNsD09t
Re-boot	L0X-AAAA-RE-BOOT----- -----	6RRLsssssAAAAsNsD14t
Transmitter low battery	L0X-AAAA-RF BATT LOW-- AREA=a PT=ppp -----	6RRLsssssAAAAsTsppt
RF receiver Trouble	L0X-AAAA-RF RCVR TRB- -----	6RRLsssssAAAAsTsD17t

NOTES: The program in the D7112/D5700 determines the formats of the user identification and point data as they are sent to the automation system and printed. If the panel requests a translation, the DRL2A converts point data to zonex format and user IDs to Comex format. If there is no request for translation, points and IDs are transmitted to automation and printed with no conversion. User ID and point data are translated as shown below.

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
Id	Comex
0	0
1-5	001-005
06-13	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
70-99	000

PANELS: 8112
6112
4112
NAPCO

Signal	DRL2A Print out	Automation output
Alarm (no zone)	L0X-AAAA-ALM REP---	6RRLssssssAAAAsAsssst
Alarm zone 0-F	L0X-AAAA-ALM ZN z	6RRLssssssAAAAsAssszt
Alarm 100-816	L0X-AAAA-ALM ZN zyy	6RRLssssssAAAAsAszyyt
Miss Alarm 101-816	L0X-AAAA-ALM ZN zyy	6RRLssssssAAAAsMszyyt
Alarm 10-15	L0X-AAAA-ALM ZN xx	6RRLssssssAAAAsAssxxt
Alarm 16	L0X-AAAA-ALM ZN 16	6RRLssssssAAAAsAss16t
Status Alarm	L0X-AAAA-S: ALM ZN z	6RRLssssssAAAASAssszt
Duress 0-F	L0X-AAAA-DURESS ID z	6RRLssssssAAAAsDsssz
Diagnostic	L0X-AAAA-DIAG REPORT	6RRLssssssAAAAsYsssst
Diagnostic 0-F	L0X-AAAA-DIAG ZN z	6RRLssssssAAAAsYsssz
Trouble	L0X-AAAA-TRB REP	6RRLssssssAAAAsTsssst
Trouble 0-F	L0X-AAAA-TRB ZN z	6RRLssssssAAAAsTsssz
Trouble 100-816	L0X-AAAA-TRB ZN zyy	6RRLssssssAAAAsTsszyyt
Trouble 10-15	L0X-AAAA-TRB ZN xx	6RRLssssssAAAAsTssxxt
Trouble 16	L0X-AAAA-TRB ZN 16	6RRLssssssAAAAsTss16t
Status trouble	L0X-AAAA-S: TROUBLE ZN z	6RRLssssssAAAASSTsssz
Shunted 1-8	L0X-AAAA-SHUNTED ZN z	6RRLssssssAAAAsNsssz
Shunted 100-816	L0X-AAAA-SHUNTED ZN zyy	6RRLssssssAAAAsNsszyyt
Restoral	L0X-AAAA-RESTR REP-----	6RRLssssssAAAAsRsssst
Restoral 0-F	L0X-AAAA-RESTR ZN z	6RRLssssssAAAAsRsssz
Restoral 100-816	L0X-AAAA-RESTR ZN zyy	6RRLssssssAAAAsRsszyyt
Restoral 10-15	L0X-AAAA-RESTR ZN xx	6RRLssssssAAAAsRssxxt
Restoral 16	L0X-AAAA-RESTR ZN 16	6RRLssssssAAAAsRss16t
Status Restoral	L0X-AAAA-S: RESTR	6RRLssssssAAAASRsssst
Status Restoral	L0X-AAAA-S:RESTR ZN z	6RRLssssssAAAASRsssz
Opening	L0X-AAAA-OPENING REP	6RRLssssssAAAAsOsssst
Opening 0-F	L0X-AAAA-OPENING ZN i	6RRLssssssAAAAsOsssit
Opening 0-9	L0X-AAAA-OPENING ID=i	6RRLssssssAAAAsOsssit
Opening 601-F08	L0X-AAAA-OPENING ID=iyy	6RRLssssssAAAAsOsiyyt
Status opening	L0X-AAAA-S: OPENING	6RRLssssssAAAASOsssst
Status opening	L0X-AAAA-S:OPENING ZN i	6RRLssssssAAAASOsssit
Status opening	L0X-AAAA-S:OPENING ID=i	6RRLssssssAAAASRsssit
Closing	L0X-AAAA-CLOSE REP	6RRLssssssAAAAsCsssst
Closing 0-F	L0X-AAAA-CLOSE ZN i	6RRLssssssAAAAsCsssit
Closing 0-9	L0X-AAAA-CLOSE ID=i	6RRLssssssAAAAsCsssit
Closing 601-F08	L0X-AAAA-CLOSE ID=iyy	6RRLssssssAAAAsCsiyyt
Status closing	L0X-AAAA-S: CLOSE	6RRLssssssAAAASCsssst
Status closing	L0X-AAAA-S: CLOSE ZN i	6RRLssssssAAAASCsssit

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Status closing	LOX-AAAA-S: CLOSE ID=i	6RRLsssssAAAASCsssit
Cancel report	LOX-AAAA-CANC REP	6RRLsssssAAAAs\sssst
Cancel 0-F	LOX-AAAA-CANC ID=i	6RRLsssssAAAAs\sssit
Cancel 601-F08	LOX-AAAA-CANC ID=iy	6RRLsssssAAAAs\siyyt
User Alarm	LOX-AAAA-USR ALM ZN z	6RRLsssssAAAAsUssszt
Power fail	LOX-AAAA-AC FAIL	6RRLsssssAAAAsPsssst
Was force arm	LOX-AAAA-WAS FORCE ARMED	6RRLsssssAAAAsWsssst
Listen in	LOX-AAAA-LISTEN IN tt	6RRLsssssAAAAs*sssst
Listen in	LOX-AAAA-LISTEN IN	6RRLsssssAAAAs*sssst

NOTE: All the stars before the signal definition means that these signal can be received by the DRL2A but the library is not available yet.

LISTEN IN: The DRL2A will not follow the listen in time sent by any transmitter even though it prints it, but it will follow its own audio duration programmed at location [49].