



GE Interlogix

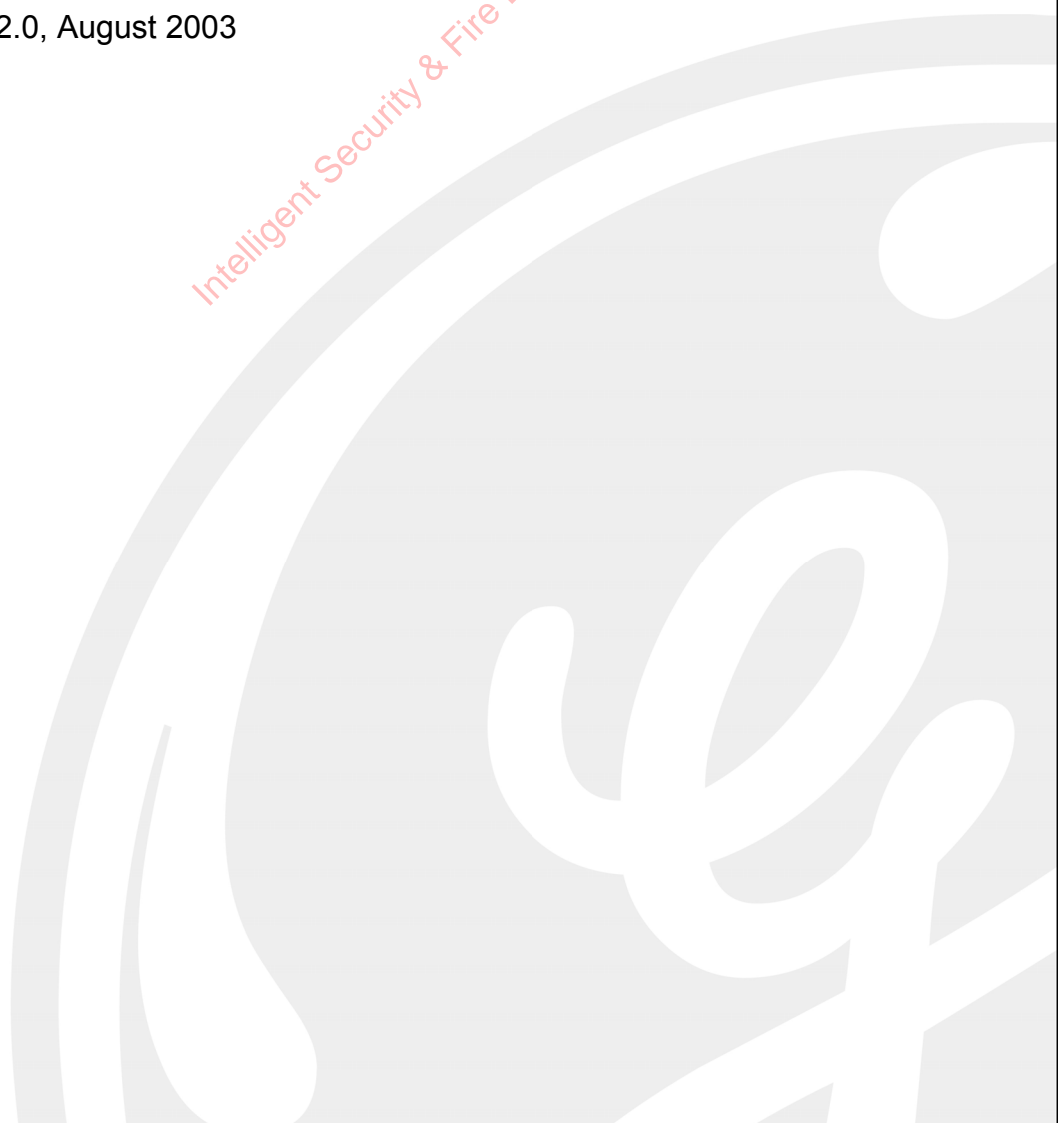
ARITECH

ATS2000/3000/4000/4500 Control Panel

Quick Programming Guide

Version 2.0, August 2003

Intelligent Security & Fire Ltd



Intelligent Security & Fire Ltd

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1. QUICK PROGRAMMING GUIDE

1. Defaulting the panel to factory defaults (using the 'Kill' jumper)

When installed, the control panel needs to be defaulted to factory defaults. This option resets all programming to the factory default. All programming will be erased and all options will have the standard values. (Real time clock will be reset).

Follow the next steps:

1. Remove all power to the control panel (mains and battery)
2. Shorten the "KILL" jumper
3. Wait 30 seconds
4. Open the "KILL" jumper

The panel is now back to factory defaults.

2. Powering up the panel

On the initial power-up:

- The ATS control panel LED's should indicate:
 - L1 - Slow flashing
 - Comms Tx - Rapid flashing
 - Comms Rx - Rapid flashing (If RAS 1 connected and functional)
- The Master LCD Arming Station (RAS 1) should have all area LED ON and the LCD should display the name "Aritech Systems" followed by details of the Arming Station software version.

A LCD RAS will also prompt you to Press the **[MENU*]** key.

Press the **[MENU*]** key followed by **[ENTER]**. The normal LCD display message shown below appears:

There Are No Alarms In This Area Code:

If there is a system condition, it is displayed on the top line.

If the Master RAS powers up with no LED ON and there is no LCD display, then no power has been applied to the RAS. If the Master RAS powers up with all the LED flashing, the LCD reads "System Fault" and the control panel conditions as described above are correct, then:

The system databus cabling must be faulty, or

The Arming Station address has been incorrectly set (RAS 1 = All dipswitches OFF).

3. Disarming the system

You must disarm the system before you can use the Installer Menu.

To disarm the system

Press **1 1 2 2** (Manager PIN code), **[OFF]** followed by **0** (select all areas) and then **[ENTER]**.

If you are unable to disarm the system using the Manager PIN Code and the **[OFF]** key, then you might need to default the panel.

4. Defaulting the panel to factory defaults (using Menu 14)

99-ALL – This option resets all programming to the factory default. All programming will be erased and all options will have the standard values. (Real time clock will not be affected).

For other options refer to the *ATS2000/3000/4000/4500 programming guide*

To default the panel programming settings

1. Enter **[Menu*] 1 2 7 8** and press **[ENTER]** to access the ATS menu.
2. Press **19 [ENTER]** to access the programming menu. The following display appears:

**Simple/Advanced Menu
* - Advanced**

3. Press ***** to access the Advanced Menu
4. Press **14 [ENTER]** to access the Default menu
5. Press **99 [ENTER]**. Panel is now defaulted.

5. Entering the ATS menu

Enter **[Menu*] 1 2 7 8** and press **[ENTER]**. The following display appears:

**0-Exit, ENTER-Down, *-Up
0-Exit, Menu:**

You can now enter the desired menu number.

See the programming and manager guide

6. Entering the programming menu to program the system

To enter to the programming menu

1. Press **[MENU*] 1 2 7 8** and press **[ENTER]** to access the ATS menu.
2. Press **19** and **[ENTER]** to access the programming menu. The following display appears:

**Simple/Advanced Menu
* - Advanced**

3. Press **[ENTER]** to access the Simple Menu (or press * to access the Advanced Menu) The following display appears:

Installer Programming
0-Exit, Menu:

Before programming the system, **for the first time**, you **must default the settings**.

You can now select the option you want to program.

7. Changing parameters in the programming (examples)

Programming zones

This function is used to program information relating to an individual zone.

This step determines how the zones will function in given circumstances.

There are over 50 types of zones. Refer to section 1 of the programming guide for further information.

To program the zones

1. Enter **[Menu*]** and the Master Engineer code. Press **[ENTER]**.
2. Press **19 [ENTER]** to access the programming menu
3. Press **[ENTER]** to access the Simple Menu
4. Press **1 [ENTER]** to access the Zone Database menu
5. Press zone number **[ENTER]** to access details of the zone to be programmed and press **[ENTER]** again to move to the next zone database display, or Press **[ENTER]** to return to the programming menu.

Notes:

ATS2000 only allows for:
- 32 zones not being programmed with zone type 0 (not used).
- Assigning areas 1-4 to zones.

ATS3000 only allows for:
- 64 zones not being programmed with zone

type 0 (not used).
- assigning areas 1-8 to zones.

ATS4000 only allows for:
-256 zones not being programmed with zone type 0 (not used).
- assigning areas 1-16 to zones.

Change manager code

Press [Menu*] and enter the Manager PIN code (1122). Press [ENTER].

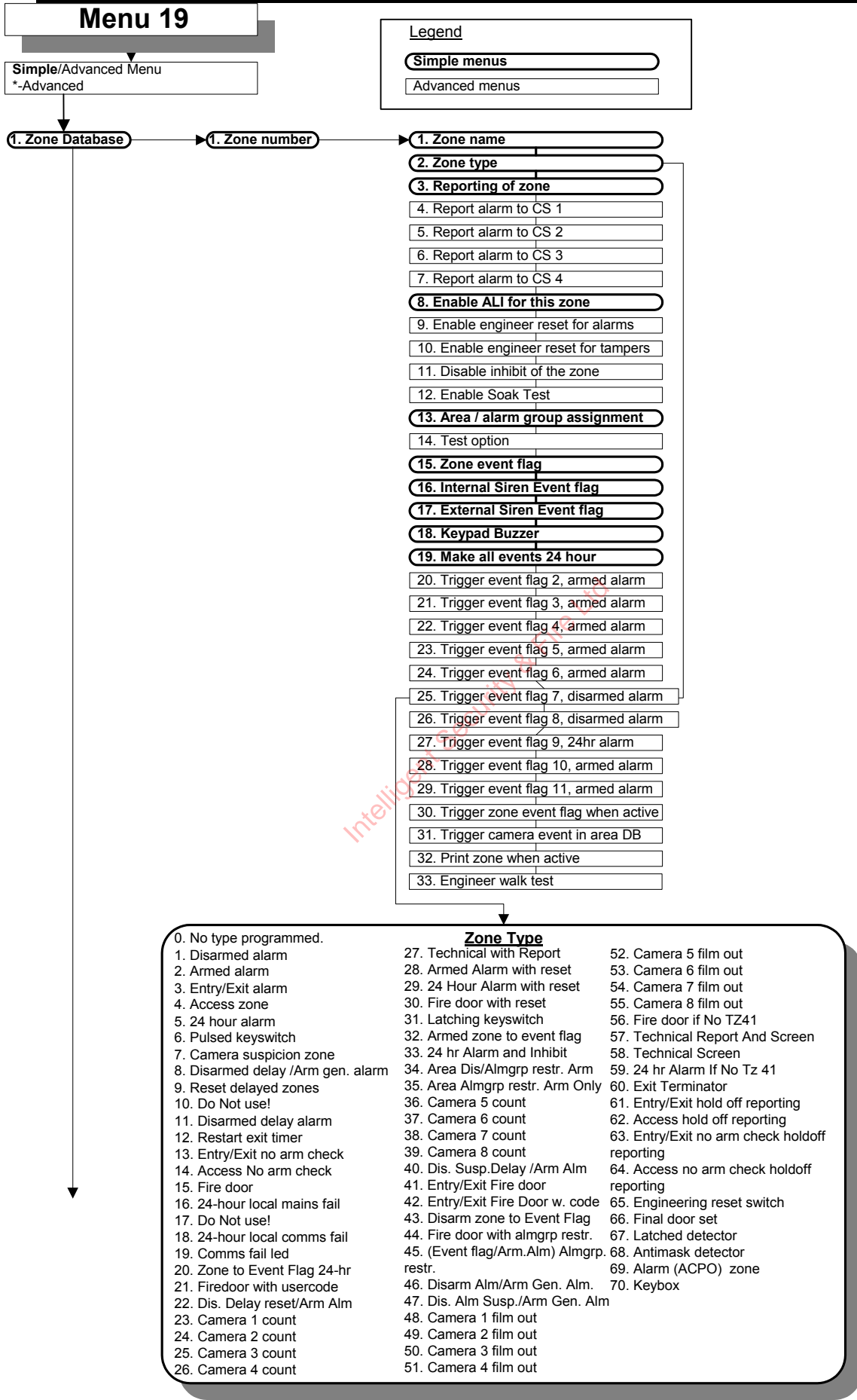
1. Press **14 [ENTER]** for access to program users
2. Press **3 [ENTER]** (Create user).
3. Press **1 [ENTER]** (Create user 1).
4. Press **[ENTER]** three times and then press **[MENU*]** to keep the same name.
5. Enter the new code (up to 10 digits) and press **[ENTER]**.
6. Press **Clear** to exit. The Manager code is now changed.

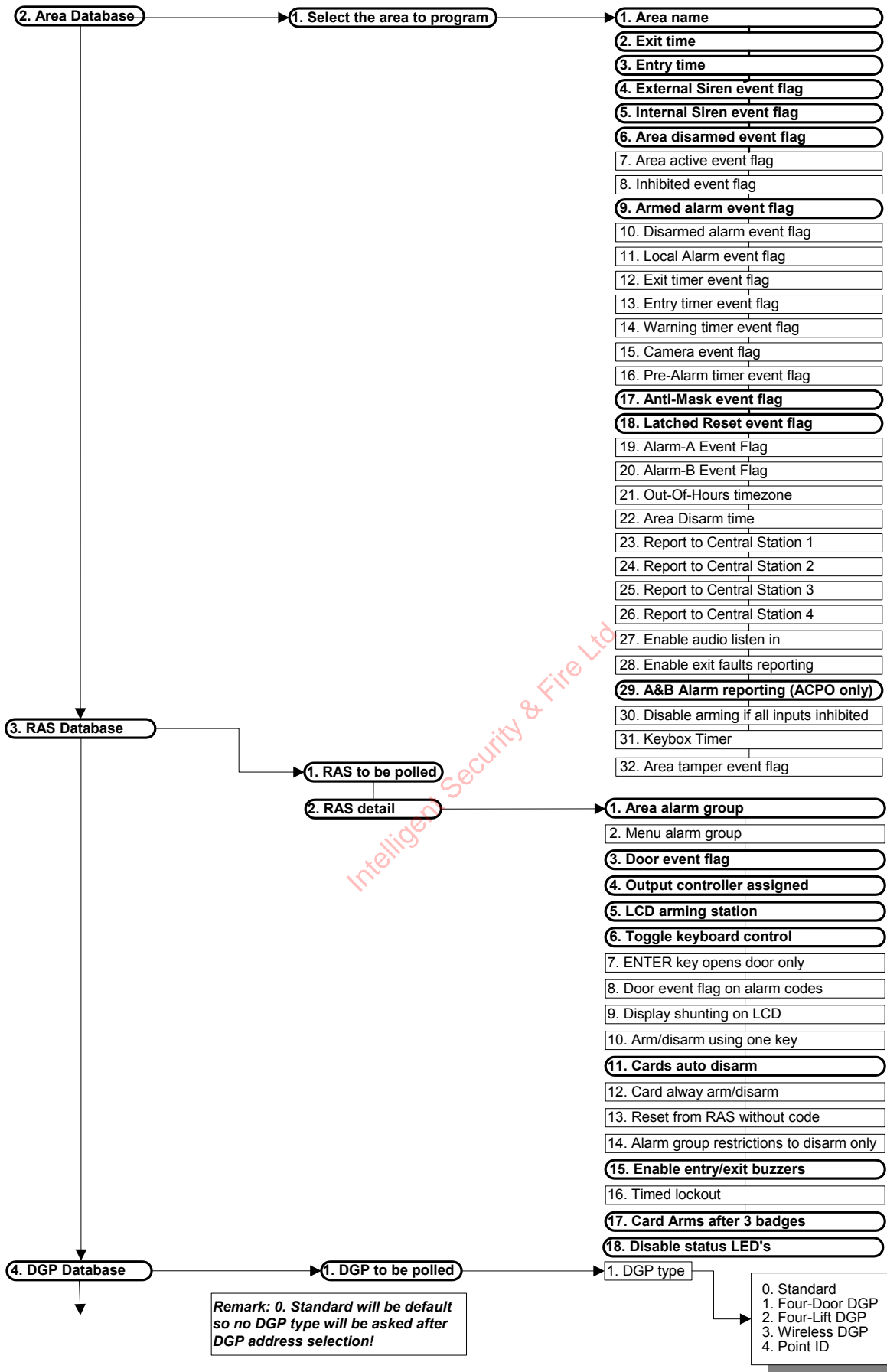
8. Programming sequences

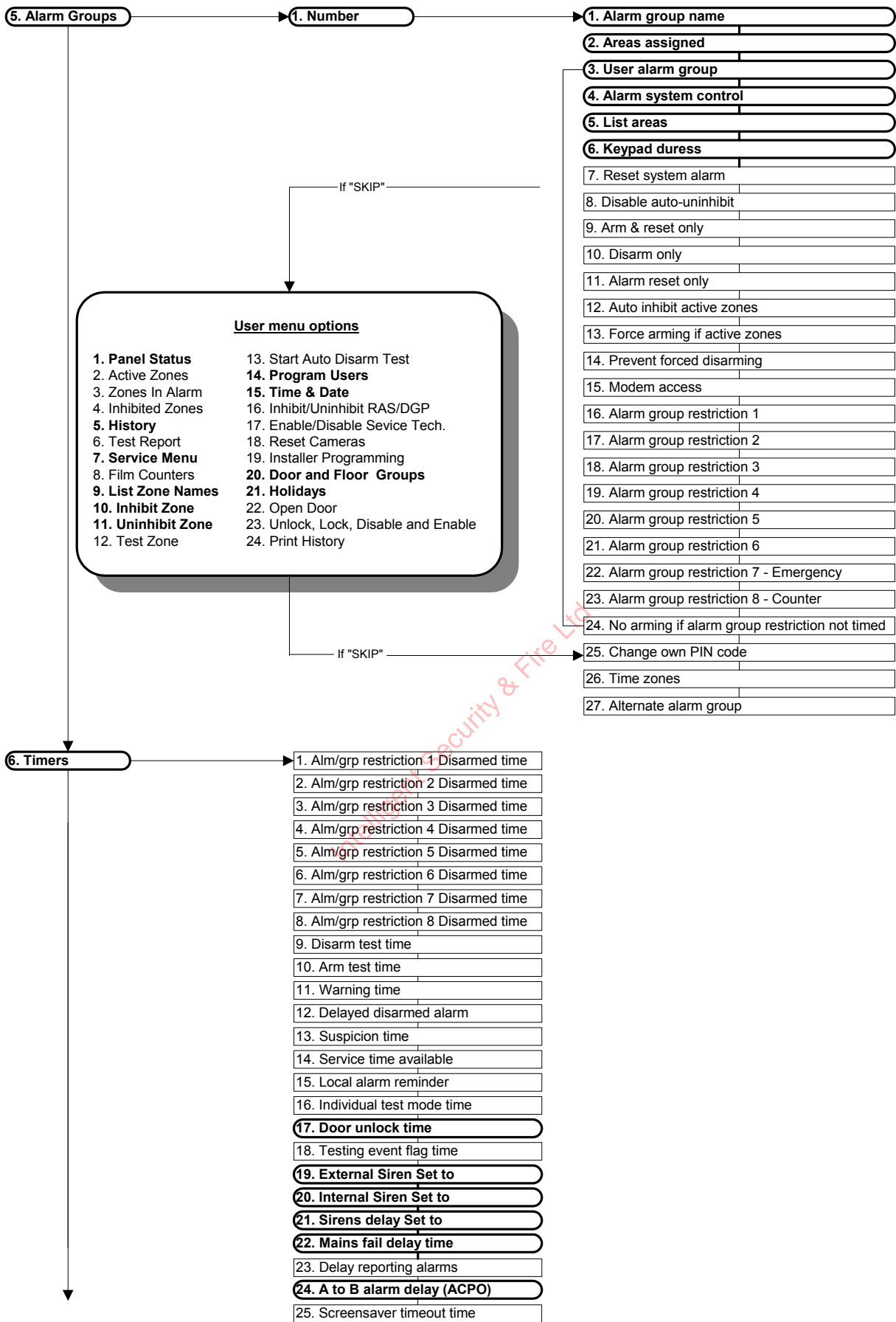
The following can be used as a guide for the order in which records can be programmed when setting up a basic system.

1. Draw the floor plan and label all zones, equipment, areas etc. Use programming sheets to fill out all information
2. Default the control panel, change the Master Engineer Code and set the time and date
3. Program specific words which are not in the library
4. Program the timezones
5. Program the areas
6. Program the alarm groups
7. Program the RAS and DGP
8. Program the zones
9. Program the dialler
10. Program users
11. Program outputs.

2. PROGRAMMING MAP







7. System options

- 1. Area/s selected to total disarm
- 2. Film low level is set to
- 3. Film out level is set to
- 4. Test Mode
- 5. No. of output controllers**
- 6. Zone event text
- 7. Alarm code prefix
- 8. LCD rotation delay
- 9. LCD text rotation speed
- 10. Dual zone enabled
- 11. Automatic uninhibit
- 12. Display zones
- 13. User name file
- 14. System alarms set siren and strobe
- 15. Latching system alarms
- 16. Siren testing
- 17. Disable "0 ENTER" for camera reset
- 18. Disable insert of alarm group restriction
- 19. Reserved
- 20. Disable PIN code from displaying
- 21. Disable flashing area LED's
- 22. Two users before programming code
- 23. Display alarms instantly on LCD

- 24. Sirens only after report fail
- 25. Financial options
- 26. Display user flags
- 27. Delayed disarmed alarm lockout
- 28. Zone expansion fitted**
- 29. Inhibit zone have tamper alarm**
- 30. Report multiple alarms in zone**
- 31. Report multiple restores**
- 32. Engineer reset on system alarms
- 33. Engineer reset on system tamper
- 34. Arming without battery
- 35. User can do engineering reset
- 36. Engineer Entry Protect
- 37. Send Arming after exit
- 38. User offset
- 39. EOL code
- 40. Duress mode
- 41. Siren type
- 42. Inhibit alarm report on exit fault
- 43. Disable tamper report in disarm
- 44. Inhibit Ext. siren and strobe indisarm tamper
- 45. ATS System Code**
- 46. Days for Soak test
- 47. ACPO 2002
- 48. EE confirm disable (ACPO 2002)
- 49. Eng. reset on B-alarm only
- 50. NFA2P
- 51. Installer dual code
- 52. Enable buzzer on mains / line fault
- 53. Enable "Call Central Station" display
- 54. Scandinavian options
- 55. Enable log limitations
- 56. Indicate inhibited zones

8. Auto Reset

- 1. Auto reset disabled time

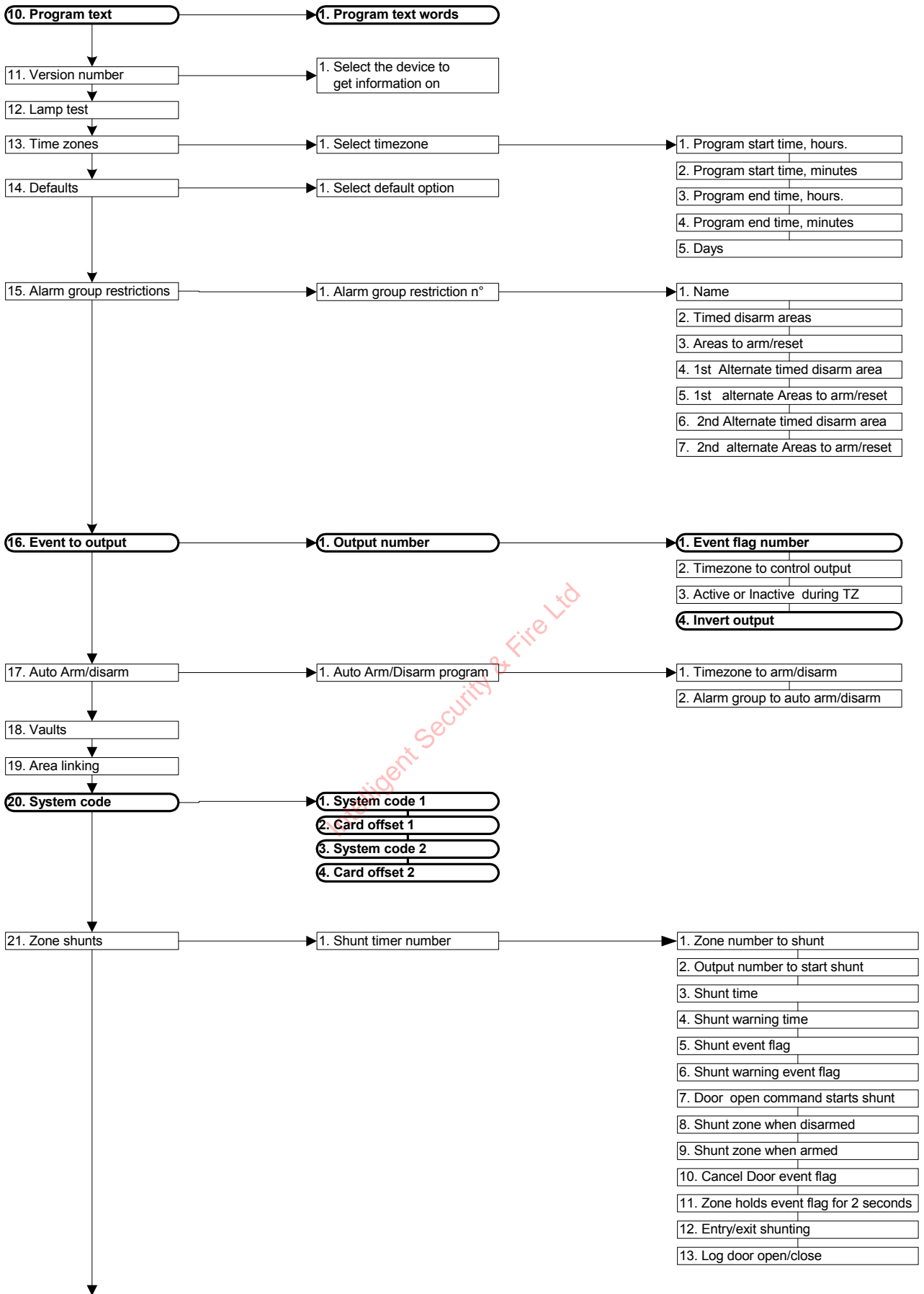
1. Reset alarm group

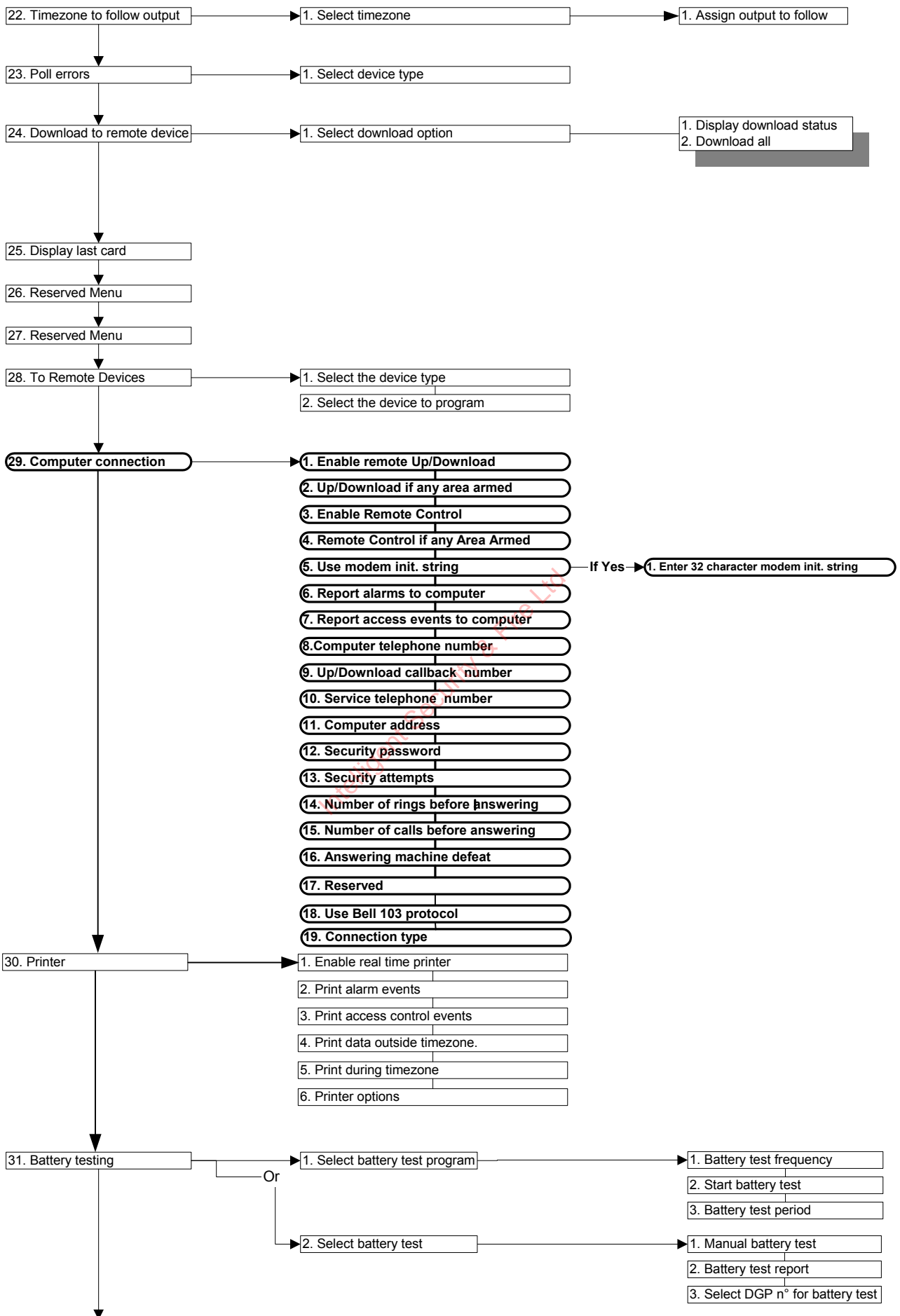
- 1. Tecom Dialler V1 (only used in Australia)
- 2. DTMF Contact ID - Small
- 3. DTMF Contact ID - Large
- 4. SIA - Small
- 5. SIA - Large
- 6. X-SIA - Small
- 7. X-SIA - Large
- 8. 200 Baud FSK - 1
- 9. 200 Baud FSK - 2
- 10. 200 Baud FSK - 3
- 11. 200 Baud FSK - 4
- 12. X25 ENAI
- 13. Voice Reporting - Acknowledge
- 14. Voice Reporting - No Acknowledge

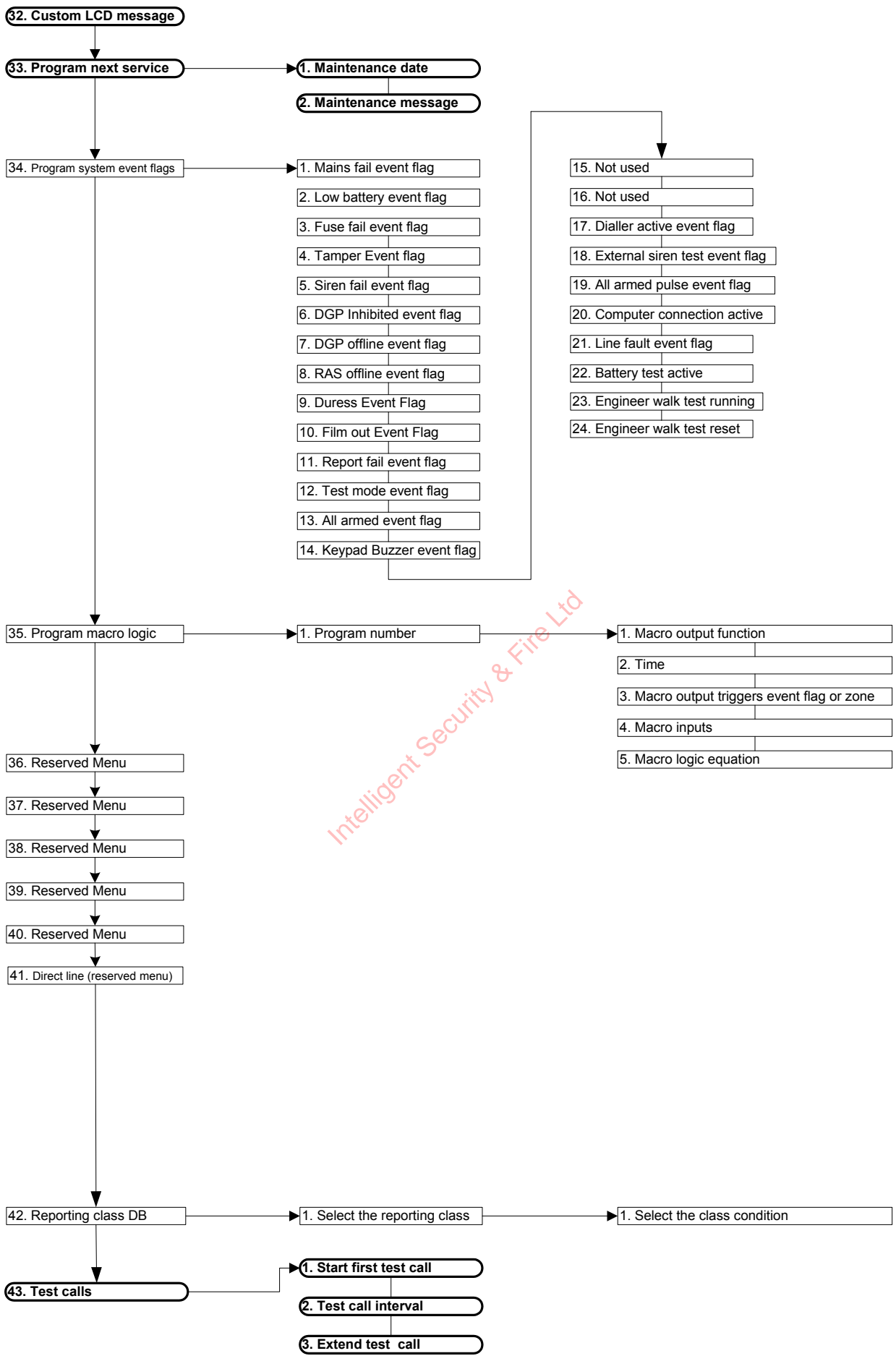
9. Communication options

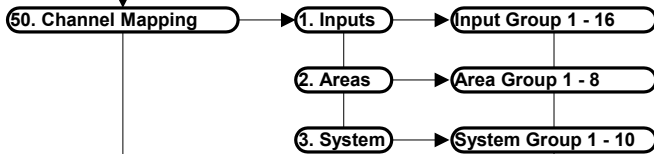
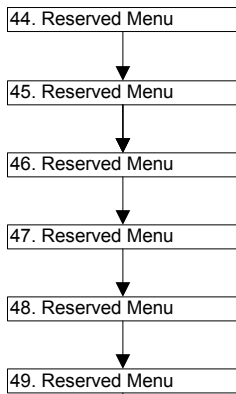
- 1. PABX number**
- 2. MSN number
- 3. Dial Tone Detection
- 4. DTMF tone dialling
- 5. Enable PSTN line fault monitor
- 6. Monitor service tones
- 7. 3 digit SIA codes (extensions)
- 8. ISDN Point to Point
- 9. Enable ISDN Line Fault monitor
- 10. 200 Baud Reverse Area Open/Close
- 11. X25 TEI Value
- 12. Audio Listen In Time (sec.)
- 13. Audio Listen In Frame Time (sec.)
- 14. Report mains fault
- 15. Report line fault
- 16. GSM line fault
- 17. Select the central station to program
- 18. SIA area modifier

- 1. Select the reporting format
- 2. Enter the 1st phone number
- 3. Enter the 2nd phone number
- 4. Enter the system account number
- 5. Enter the area account number
- 6. Use BELL modem tones for SIA
- 7. Dual reporting
- 8. Allow audio Listen In
- 9. Disable reporting of inhibits
- 10. Reserved
- 11. X-SIA Max Characters
- 12. X25 Account Code
- 13. X25 Line Polling Type
- 14. Connection type
- 15. Suppress FTC for voice reporting

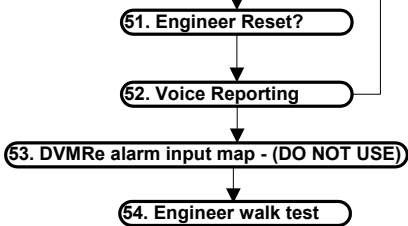








Event	Channel (Default)	Channel Type	
1	RAS Code_Attempts	00-99 (90)	A
2	Courier In	00-99 (Dis)	A
3	Guard Down	00-99 (Dis)	A
4	Time Changed	00-99 (Dis)	A
5	Auto Test Call	00-99 (Dis)	A
6	Service In/Out	00-99 (Dis)	A,R
7	Request Service	00-99 (Dis)	A
8	Summary RAS Offline	00-99 (91)	A,R
9	Summary DGP Offline	00-99 (91)	A,R
10	DGP Reset	00-99 (Dis)	A
11	Summary DGP Mains Fail	00-99 (92)	A,R
12	Summary DGP Low Batt	00-99 (93)	A,R
13	Summary DGP Tamper	00-99 (94)	A,R
14	Summary DGP Siren Tamper	00-99 (95)	A,R
15	Summary Duress Code	00-99 (96)	A,R
16	Summary Remote Log-In	00-99 (97)	A,R
17	Summary Filmout	00-99 (Dis)	A,R
18	Summary Program Mode Ent.	00-99 (98)	A,R
19	Disarm After Alarm	00-99 (Dis)	A
20	Input Isolated	00-99 (99)	A,R
21	Input Fault	00-99 (99)	A,R
22	Manual Test	00-99 (Dis)	A
-	-	-	-
40	Not Used	-	-



Event	Voice Message	
1	Burglar Alarm	0
2	Tamper Alarm	0
3	Hold-Up Alarm	0
4	Panic Alarm	0
5	Fire Alarm	0
6	Medical Alarm	0
7	Technical Alarm	0
8	Mains Fail	0
9	DGP Offline	0
10	Area Disarmed	0
11	Area Armed	0
12	130 BA Burglary	0
13	131 BA Perimeter	0
14	132 BA Interior	0
15	133 BA 24 Hour	0
16	134 BA Entry/Exit	0
17	135 BA Day/Night	0
18	136 BA Outdoor	0
19	137 BA Tamper	0
20	138 BA Near Alarm	0
21	140 UA General Alarm	0
22	Low battery alarm	0
23	Low battery restore	0
24	Mains restore	0
25	Technical restore	0

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