R A D I O N I C S

Omegalarm 8112:Skeds

Program Entry Guide

For the Omegalarm D8112G2 and D8112A Control/Communicator

Notice: The material and instructions covered in this manual have been carefully checked for accuracy and are presumed to be reliable. However, Radionics, Inc. assumes no responsibility for inaccuracies and reserves the right to modify and revise this manual without notice.
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Introduction

The Omegalarm 8112:Skeds Product Handler Program is used to make files which tell the D8112G2 or D8112A to automatically perform certain system functions at certain times. The 8112:Skeds files only work when loaded into an Omegalarm D8112G2 or D8112A Control/Communicator.

Up to 64 individual Skeds can be programmed into each D8112G2 or D8112A. Each Sked can do things like disabling opening or closing reports, controlling a relay, disabling an arm/disarm combination, or enable/ disable authorization levels in the D8112A Access Control System. Each 8112:Skeds file holds one group of 16 Skeds. The D8112G2 or D8112A can be loaded with up to four Skeds files, each with 16 Skeds, for a total of 64 Skeds. (See Figure 1.)

Each of the 64 Skeds is programmed with a **time** and **date** (January 01 to December 31) or **day(s) of the week** (Sunday to Saturday). Time is specified by the exact hour and minute (24 hour clock). A programming option allows the user to change a Sked's time from the D1252 Alpha II Command Center using Command 52. The day or date of execution can only be changed using the D5100 Bar Code Programmer or the D9300 Remote Account Manager. "Wildcard" entries for the day/date and time allow Skeds to repeat at intervals as often as once a minute or as seldom as once a month (see Section 4.3 for details on Wildcard entries).

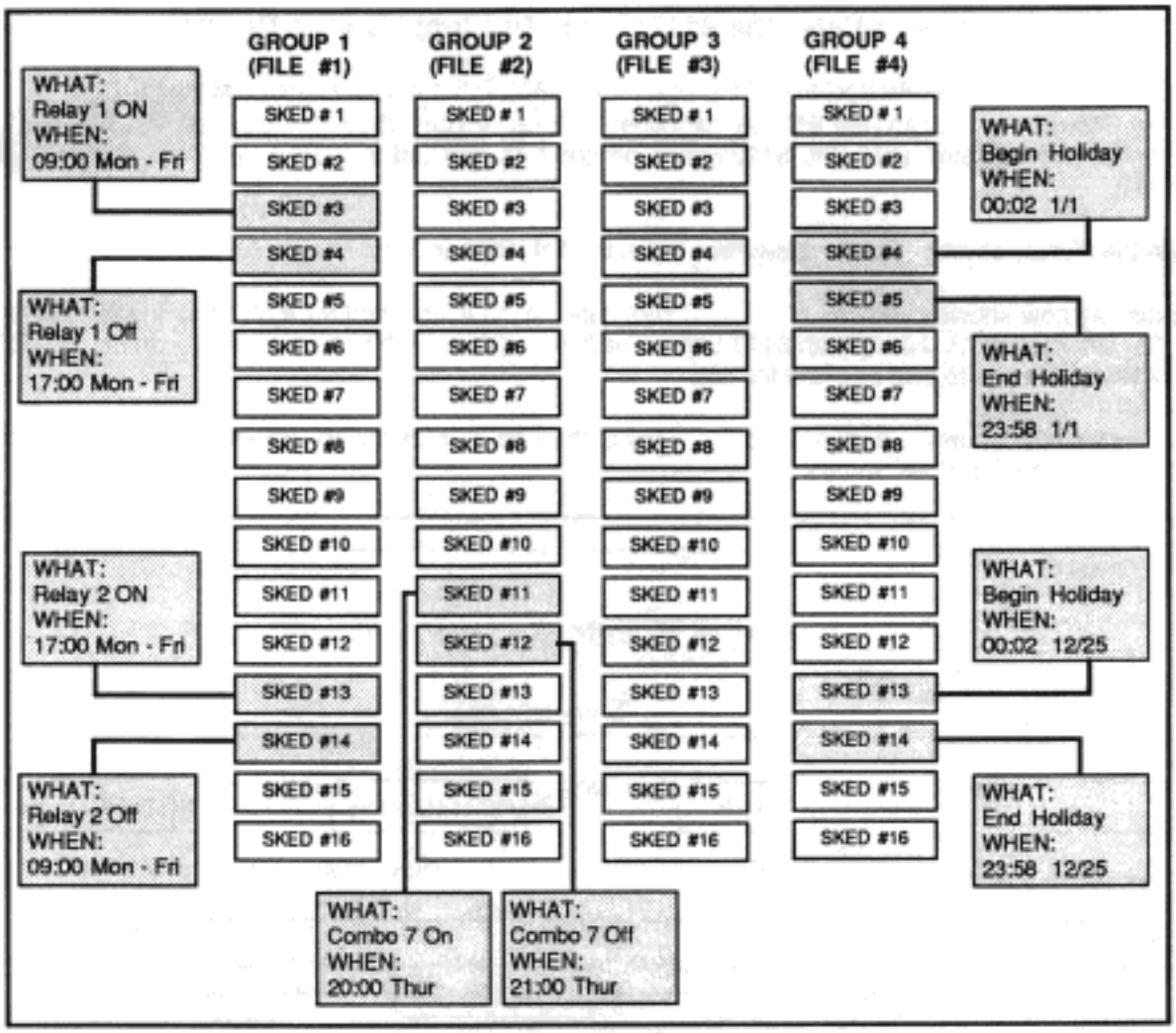

Figure 1: SKEDS FILE GROUPS

8112:Skeds files are written using the Omegalarm D5100 Bar Code Programmer loaded with the 8112:Skeds Product Handler Program. The D9301 Remote Account Manager can also be used to program 8112:Skeds. The D5100 must contain the OmegaWand 2.1 operating system and 32K RAM capacity.

Before using the 8112:Skeds Product Handler the technician should be familiar with the following products:

D8112 Control/Communicator
D5100 Bar Code Programmer
8112:MAIN Product Handler Program
8112:AUX Product Handler Program

Notice of D8112 Software Changes and 8112:Skeds Program Entry Guide Revisions

Three versions of D8112A software, and two versions of D8112G2 software have been produced. (If you do not know which version of software you are working with, use Command 59 to determine the software version in the panel.) Beginning with D8112A rev. 600/600 (Command 59 displays 60/60) and D8112G2 rev. 400/400 (Command 59 displays 40/40), the "Sked Init" Product Handler Program is required to reset some Sked-operated functions, which in prior versions of the D8112 were reset each time the panel was reset (disable/restart, or ResetBye). See Section 8.1 "Programming Notes" and the "Sked Function Reset Quick Reference Table on page 10.

[Also see the *SkedInit Product Handler Program* Manual (74-05455-000) for more information.]

Significant revisions and additions to this manual since the prior revision are noted by a thin vertical line in the margin next to the changed text (like the one to the right of this paragraph), to help you locate new information.

1. How to Enter the 8112:Skeds Product Handler Program

1. To enter the 8112:Skeds Product Handler program, ADVANCE the programmer's display to *.8112 Skeds x#.* . Scan the **ENTER** bar code. (**Note:** If your D5100 is equipped with the "8112 Index" product handler system, enter the 8112:Skeds program as directed in the *D5100 Index System Operation Manual.*)

2. When the display shows *Skeds: New File* scan the **ENTER** bar code.

3. The display now shows *Skeds:* . The blank space is provided for a file title. If you plan on saving this file, see section "2. Naming an 8112:Skeds File." If you don't wish to save the file scan the **ENTER** or the **ADVANCE** bar code to skip over the file title.

4. The display now shows *Group 1* . This is the first item of the 8112:Skeds program. To continue programming, see sections 3 and 4.

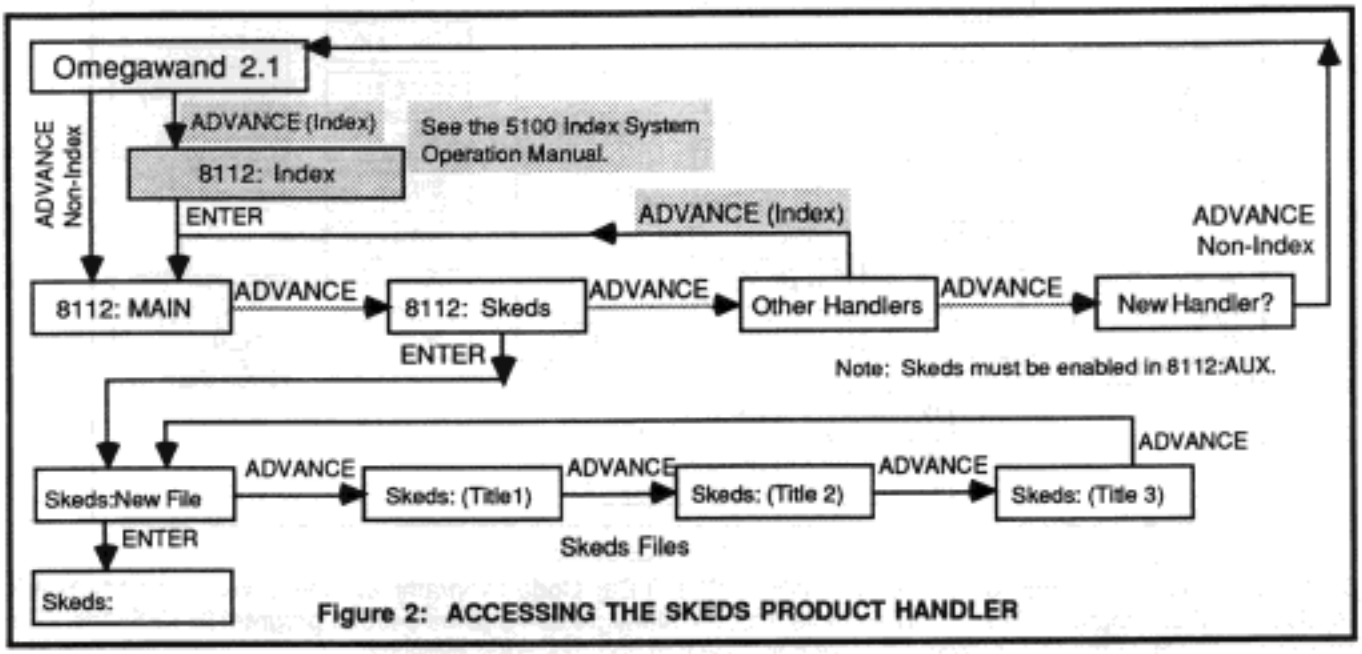

Figure 2: ACCESSING THE SKEDS PRODUCT HANDLER

2. Naming an 8112:Skeds File

An 8112:Skeds file cannot be saved to the programmer's memory without a file title. The title is used to identify the file for later editing and use.

To construct an 8112:Skeds file title, advance the programmer's display to *Skeds:* . The blank space is provided for a title. The title can be from one to nine characters in length. The characters can be any of the custom display characters, numbers or punctuation marks shown on the D5100 Programmer cover. Once the title is complete, scan the **ENTER** bar code. The Programmer display advances to *Group 1* . The file can now be saved, edited or programmed.

NOTE: Each new file created must have a file title different from any other 8112:Skeds file stored in the programmer.

3. Selecting the Group Number and Sked Number

Each 8112:Skeds file can hold one group of 16 Skeds. To program all 64 Skeds, write four separate files and load them into the D8112. Each Skeds file that will be loaded into the panel needs to have a different group number (1 through 4). **Important:** If two files with the same group number are loaded, the first file loaded will be over-written by the second file.

Each Sked within the group is identified with the number 1 through 16. This number appears on the left side of the D5100 display when editing data items for the particular Sked. (See Figure 3.)

In the D1252 Alpha Command Center and the D9300 Remote Account Manager (not in the D5100 Bar Code Programmer), each Sked within a group is indentified with the number of the group in the first digit position and the number of the Sked in the second and third digit positions (ie: Group 2, Sked #4 is identified by the number 204. Group 4, Sked #15 is identified by the number 415). The identifying number only appears like this in the displays of the Alpha II Command Center and the D9300 Remote Account Manager.

Shown on this page is a sample of the *8112:SKEDS Program Account Record Sheet*. Use one of these sheets to record the programming for each Skeds file loaded into the panel.

E-8112-350-010

R A D I O N I C S

8112:Skeds Program Account Record Sheet

Group 1 — File Name_____

#	Time	Date or Day(s) of Week	Circle if YES	Function Code	Description
1 01	__:__	__/__ S M T W T F S	TimeEdit	_____	_____
1 02	__:__	__/__ S M T W T F S	TimeEdit	_____	_____
1 03	__:__	__/__ S M T W T F S	TimeEdit	_____	_____
1 04	__:__	__/__ S M T W T F S	TimeEdit	_____	_____
1 05	__:__	__/__ S M T W T F S	TimeEdit	_____	_____
1 06	__:__	__/__ S M T W T F S	TimeEdit	_____	_____
1 07	__:__	__/__ S M T W T F S	TimeEdit	_____	_____
1 08	__:__	__/__ S M T W T F S	TimeEdit	_____	_____
1 09	__:__	__/__ S M T W T F S	TimeEdit	_____	_____
1 10	__:__	__/__ S M T W T F S	TimeEdit	_____	_____
1 11	__:__	__/__ S M T W T F S	TimeEdit	_____	_____
1 12	__:__	__/__ S M T W T F S	TimeEdit	_____	_____
1 13	__:__	__/__ S M T W T F S	TimeEdit	_____	_____
1 14	__:__	__/__ S M T W T F S	TimeEdit	_____	_____
1 15	__:__	__/__ S M T W T F S	TimeEdit	_____	_____
1 16	__:__	__/__ S M T W T F S	TimeEdit	_____	_____

Group 2 — File Name_____

#	Time	Date or Day(s) of Week	Circle if YES	Function Code	Description
2 01	__:__	__/__ S M T W T F S	TimeEdit	_____	_____
2 02	__:__	__/__ S M T W T F S	TimeEdit	_____	_____
2 03	__:__	__/__ S M T W T F S	TimeEdit	_____	_____
2 04	__:__	__/__ S M T W T F S	TimeEdit	_____	_____
2 05	__:__	__/__ S M T W T F S	TimeEdit	_____	_____
2 06	__:__	__/__ S M T W T F S	TimeEdit	_____	_____
2 07	__:__	__/__ S M T W T F S	TimeEdit	_____	_____
2 08	__:__	__/__ S M T W T F S	TimeEdit	_____	_____
2 09	__:__	__/__ S M T W T F S	TimeEdit	_____	_____
2 10	__:__	__/__ S M T W T F S	TimeEdit	_____	_____
2 11	__:__	__/__ S M T W T F S	TimeEdit	_____	_____
2 12	__:__	__/__ S M T W T F S	TimeEdit	_____	_____
2 13	__:__	__/__ S M T W T F S	TimeEdit	_____	_____
2 14	__:__	__/__ S M T W T F S	TimeEdit	_____	_____
2 15	__:__	__/__ S M T W T F S	TimeEdit	_____	_____
2 16	__:__	__/__ S M T W T F S	TimeEdit	_____	_____

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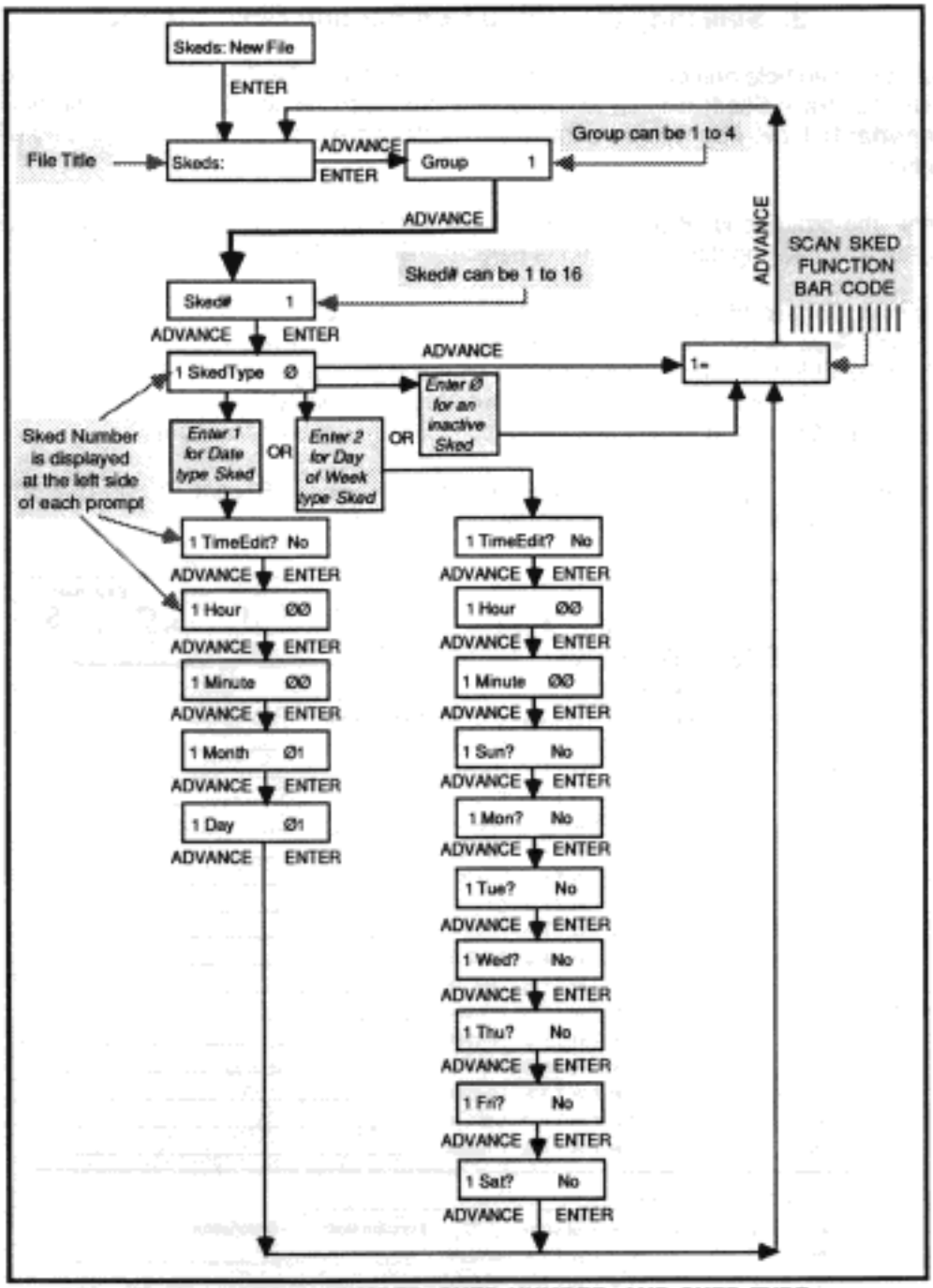


Figure 3: GROUP NUMBER, SKED NUMBER, AND SKED TYPE

To begin writing Sked programs in the 8112:Skeds file, select which group you wish to program.

1) To select the group, advance the programmer's display to *Group 1*. The "1" entry can be changed to the desired group number (1, 2, 3 or 4).

2) Scan the appropriate group number. When the number replaces the "1", scan the **ENTER** bar code.

3) The display changes to *Sked# 1*. Up to 16 Skeds can be entered for this group. The "1" can be changed to 1 through 16 to edit each of the individual Skeds. To enter a new Sked number, scan the **CLEAR** bar code, then scan the appropriate Sked number (be sure to enter both digits if necessary). Scan the **ENTER** bar code.

4. Selecting the Time, Date or Day(s), and Function of Each Sked

Each of the 16 Skeds can be programmed with a date[1] *OR* day of week,[2] plus a time,[3] and function. After the group number has been programmed, the display shows | *1 SkedType 0* |. The "1" at the left side of the display represents the Sked number which you have chosen. The "0" indicates that this Sked is type 0 (inactive). To make this Sked a Date (1) or Day of Week (2) type, scan the "1" or the "2" bar code on the programmer's cover, and then scan the **ENTER** bar code.
IMPORTANT: 8112:MAIN program item *37 Month* **MUST** be programmed "YES" when operating Skeds.

4.1 Date of Year (SkedType 1) — If the SkedType chosen is "1" (Date of Year) then the first program item is | *1 TimeEdit? No* |. Once again, the 1 in this prompt represents the Sked number which you have chosen. The following prompts are specific to | *SkedType 1* |. Two asterisks (••) are used to mean a "wildcard" entry. See Section 4.3 for details on wildcard entries.

Prompt & Default	Selections	Description
TimeEdit? No	No or Yes	This item selects whether the user can edit the time of this specific Sked from the D1252 Alpha II Command Center.[4]
Hour 00	00 to 23, or ••	Hour that the Sked will occur (•• means **EVERY** hour).
Minute 00	00 to 59, or ••	Minute that the Sked will occur (•• means **EVERY** minute).
Month 01	01 to 12, or ••	Month that the Sked will occur (•• means **EVERY** month).
Day 01	01 to 31, or ••	Day of month that the Sked will occur (•• means **EVERY** day).

4.2 Day of Week (SkedType 2) — If the SkedType chosen is 2 (Day of Week [2]) then the first program item is also | *1 TimeEdit? No* |. The following prompts are specific to | *SkedType 2* |.

Prompt & Default	Selections	Description
TimeEdit? No	No or Yes	This program item selects whether the user can edit the time of this specific Sked from the D1252 Alpha II Command Center.[4]
Hour 00	00 to 23, or ••	Hour that the Sked will occur (•• means **EVERY** hour).
Minute 00	00 to 59, or ••	Minute that the Sked will occur (•• means **EVERY** minute).
Sun? No	No or Yes	Should this Sked occur every Sunday?
Mon? No	No or Yes	Should this Sked occur every Monday?
Tue? No	No or Yes	Should this Sked occur every Tuesday?
Wed? No	No or Yes	Should this Sked occur every Wednesday?
Thu? No	No or Yes	Should this Sked occur every Thursday?
Fri? No	No or Yes	Should this Sked occur every Friday?
Sat? No	No or Yes	Should this Sked occur every Saturday?

NOTES: [1] Use COMMAND 46 to set the panel's date. [2] 8112:AUX program item *7.2 Cmd52* must be programmed "YES", use COMMAND 52 function "D" to set the panel's Day of Week. [3] Use COMMAND 45 to set the D8112's clock. [4] 8112:AUX program item *7.2 Cmd52* must be "YES" if user time editing is desired.

4.3 Wildcard Entries — A wildcard entry causes the Sked to repeat at every interval in which the entry is made, ie: every minute, or every hour, or every day. For constant occurance (every minute of every hour) select a time of ** for hour and ** for minute.

IMPORTANT: If using wildcard entries, be sure to enter *BOTH* asterisks.

4.4 SKED FUNCTIONS — After the date (or days of the week) have been programmed, the Sked Function prompt appears in the programmer's display (*1=* for the first Sked in the group, *2=* for the second, etc.). This prompt displays the code for the function that is currently programmed for this Sked. The Sked functions are up to 12 characters (0-9 and A-F) in length and are entered with the special Skeds Function Bar Codes found in the appendix of this manual. *Only the Function Bar Codes can be used to enter the Skeds functions; entering the function characters does not enable the function.*

To select or change the function, scan the new Function Bar Code and the function's number will appear in the display. The **CLEAR** and **ENTER** bar codes on the D5100 Bar Code Programmer's cover label have no effect when programming a Sked Function. To clear a Sked Function from the programmer's display, use the special ***Clear Function Bar Code*** found in section 8.3.11 of this manual.

After the Sked Function has been programmed, advance to the next Sked by scanning **ADVANCE** until the *Sked#* prompt appears in the display. Select the next Sked that you want to edit. Scan the appropriate number and the **ENTER** bar code to program additional Skeds in the group.

NOTE: If **ADVANCE** is scanned instead of **ENTER** in response to the SkedType prompt, the display shows the Sked Function prompt, and bypasses the time and date entries. (See Figure 3.)

5. Saving the 8112:Skeds File

When saving an 8112:Skeds file, the file must have a file title which is different from any other 8112:Skeds file stored in memory. See section "2. Naming an 8112:Skeds File."

The number of files that the D5100 Programmer can save to memory depends on the unused RAM capacity of the programmer. This memory is used to save all types of product handler files for several Radionics products.

1. After you are finished programming the Skeds file, scan the **SAVE FILE** bar code. If you gave the file a title when you began programming, the file is saved immediately.

2. If the display shows *Skeds:* , then the file does not have a title. Construct a file title, scan the **ENTER** bar code and then scan the **SAVE FILE** bar code again.

3. If the display shows *Check Title* , then there is already an 8112:Skeds file using the same title. Either change the file title and repeat step 1, or scan the **REPLACE FILE** bar code. This erases the file currently in memory and saves the new file.

6. Loading 8112:Skeds Files

Each 8112:Skeds file programs one group of Skeds. There are 16 Skeds in each group. Up to four groups can be loaded into the D8112G2 or D8112A. The group which the Skeds file loads is determined by the Skeds program item titled "Group". For example: if *Group* is programmed "3" then that file loads Skeds group number three of the four possible Skeds groups.

NOTES: The Skeds program is functional only when loaded into a D8112G2 or D8112A Control/Communicator containing appropriate 8112:MAIN and 8112:AUX programs. "8112:MAIN" is used to determine the basic operating characteristics of the D8112. Program item "37 Month" must be programmed "YES" when using 8112:Skeds. (See the *Omegalarm 8112:MAIN Program Entry Guide* for more information.)

"8112:AUX" contains several optional programs for the D8112. (See the *Omegalarm 8112:AUX Program Entry Guide* and the Alpha II *Security System User's Guide*.)

- Skeds must be enabled in the Skeds Subhandler Program (item 9.1 SkedsEn must be YES).
- Memory Logger must be enabled (item 6.1 MLogEn must be YES).
- Command 52 must be enabled in the Cmd 5's Subhandler Program (7.2 Cmd52 must be YES). Command 52 is used to set the day of week in the panel, to review Skeds, and lets the user set the time of Skeds programmed with *TimeEdit Yes*.

Loading the File:

1. Connect the programmer to the control/communicator.

2. Advance to programmer display until *.8112 Skeds xx.* is showing. Scan the **ENTER** bar code. The display changes to *Skeds: New File* . (**Note:** If your D5100 is equipped with the "8112 Index" product handler system, enter the 8112:Skeds program as directed in the *D5100 Index System Operation Manual*.)

3. Momentarily connect the D8112's restart terminal (32) to a common terminal (29).

4. Scan the **ADVANCE** bar code until the correct Skeds file title is displayed by the programmer. Scan the **ENTER** bar code. If the file requires editing, do so now.

5. When the file is edited and ready to load, scan the **LOAD PANEL** bar code. The programmer's display momentarily shows *Loading 8112* , then returns to *Skeds: New File* .

6. If other Skeds files are to be loaded into the D8112, do so now by repeating steps 4 through 6.

   NOTE: D8112A panels containing software rev. 600/600 (or higher) and D8112G2 panels containing software rev 400/400 (or higher) require the use of the **SkedInit** product handler program to reset certain Sked-operated functions to normal operation (see section 8.1 of this manual). When editing Skeds files, or re-locating a panel to a different protected premises, you may need to use the SkedInit product handler to ensure that all functions are reset to normal operating condition (see document #74-05455-000).

7. When you have finished loading the Skeds files, disconnect the D5100 from the D8112, then momentarily connect the D8112's restart terminal (32) to a common terminal (29).

   NOTE: If the D1252 display shows the display *SKED ERR* and one of the following displays you can correct the problem by loading a default Skeds file into the D8112, correcting the problem in the program (if applicable) then re-loading the desired file into the D8112 (### indicates the Sked number).

   ### CKSUM (Checksum error)

   ### NOT E (invalid Sked function—use the "Clear Function" bar code in section 8.3.11)

   ### OPCOD (this indicates that an improper function code is programmed)

7. Copying the 8112:Skeds File

The D5100 Bar Code Programmer is used to copy 8112:Skeds files from the control/communicator. Only one Group of Skeds can be copied from the panel at a time.

1. Connect the programmer to the control/communicator.
2. Advance the programmer's display until *.8112 Skeds x#.* is showing. Scan the **ENTER** bar code. The display changes to *Skeds: New File* . (**Note:** If your D5100 is equipped with the "8112 Index" product handler system, enter the 8112:Skeds program as directed in the *D5100 Index System Operation Manual.*)
3. Momentarily connect the D8112's restart terminal (32) to a common terminal (29).
4. Scan the **COPY PANEL** bar code. The display shows the prompt *Upload Group* . Scan the bar code for the Number of the group you wish to copy. Scan the **ENTER** bar code. For example, if you want to copy Skeds Group 3, scan the **3** bar code then the **ENTER** bar code.
5. The display momentarily shows *Copying 8112* and then changes to *Skeds:* . The Skeds file has been copied. Scan the **ADVANCE** bar code to view the file. You may now edit the file and re-load it into the D8112, or save the file for future use.
6. If the display shows *CHECKSUM* then a checksum error has occured and the requested group of Skeds can not be copied from the panel. (See notes in Section 6, step 6.)

8. Appendix: 8112:Skeds Function Bar Codes

The bar codes described and printed in this Appendix are used to tell the D8112 Control/Communicator what function to do at the programmed times and dates. Printed above each function bar code is a title for the bar code's function, and a series of hexadecimal digits (0-9, A-F). The digits will appear in the D5100's display when the bar code is scanned in response to the Sked Function prompt (see Figure 3) so that you may verify the function bar code entry. *REMEMBER: Only the Function Bar Codes can be used to enter the Skeds functions; entering the function characters does not enable the function.* (See section 8.5 Function Code Verification List, which cross-references the hexadecimal codes shown in the D5100 programmer display with their title.)

8.1 Programming Notes

Since 8112:Skeds is a supplementary program, the proper operation of certain functions depends on programming in 8112:MAIN, 8112:AUX and other programs loaded into the D8112. For example, if you program a Sked to enable Combo 3 – in a D8112**A** panel, a valid Combo 3 must be programmed in 8112:MAIN – in a D8112**G2** panel, a valid passcode in ComboGroup 3 must be programmed in 8112:Comex. In D8112A systems, some Skeds functions are restricted, or cannot be used because they conflict with the operation of the Access Control System.

Recovering from a Disable/Restart (D5100) or "ResetBye" Command (R.A.M.)

A disable/restart is required after loading or copying any program to/from the D8112 using the D5100 Bar Code Programmer. A Reset/Bye command is required under certain circumstances when changes are made with the D9301 R.A.M. (For more details, see the documentation provided with the R.A.M.)

When the D8112 is reset, all Shunts are removed until the next scheduled Shunt time, or until the shunts are manually activated with either the R.A.M. or the Command Center. *(This applies to all verisions of software)*

With D8112G2 400/400 and D8112A 600/600 software (and higher versions) following a reset – *all other scheduled events remain in the state they were in before the reset.* One way to change the state of functions which have been executed by a Sked is to program a Sked containing the opposite function. Another way to reset Relay functions, the Holiday Mode, Access Control Authorization Levels, and "Hold Open Door" functions, is to enter the appropriate commands at the Control Center, or use the D9301 Remote Account Manager. With D8112G2 400/400 and D8112A 600/600 software (and higher versions) you can temporarily reset combinations and reports, using the SkedInit Product Handler Program.

With Software versions PRIOR TO D8112G2 400/400 and D8112A 600/600 following a reset – *all Relays are turned OFF (including Hold Open Door relays), the Holiday Mode is turned OFF, all Combinations are turned ON, and all access control authorization Levels are turned ON.*

Sked Function Reset Quick Reference Table

The Table below can be used to determine how specific Sked Functions which may be programmed into the D8112 are reset. In cases where a Disable/Restart or Reset/Bye DOES NOT affect the function, the other methods which can be used to reset the function are listed. See the *SkedInit Product Handler Program* (74-05455-000), *Alpha II Security System User's Guide* (71-04415-000), and the *Remote Account Manager (R.A.M.) Operation and Installation Manual* (74-05022-000) for more information on using these methods.

Sked Function Reset Quick Reference Table

Sked Function which can be affected by Disable/ Restart or R.A.M. ResetBye, depending on version of D8112 Software	**D8112G2** Software Version:		**D8112A Access Control** Software Version:		
	301/301 (31/31)	**400/400 + (40/40)**	**500/100 (50/10)**	**501/101 (51/51)**	**600/600 + (60/60)**
•**REPORT CONTROL** **No News Is Good News** –Begin/End Opening Period –Begin/End Closing Period **If Disarmed, Local Only** –Alarm Report Off	Disable/Restart R.A.M. ResetBye	SkedInit	Disable/Restart R.A.M. ResetBye	Disable/Restart R.A.M. ResetBye	SkedInit
•**RELAY CONTROL** *–All forms of Relay Control Skeds*	Disable/Restart R.A.M. ResetBye Alpha II R.A.M.	Alpha II R.A.M.	Disable/Restart R.A.M. ResetBye Alpha II R.A.M.	Disable/Restart R.A.M. ResetBye Alpha II R.A.M.	Alpha II R.A.M.
•**ZONE SHUNTING** *–All forms of Zone Shunting Skeds*	Disable/Restart R.A.M. ResetBye R.A.M.	Disable/Restart R.A.M. ResetBye R.A.M.	Disable/Restart R.A.M. ResetBye R.A.M.	Disable/Restart R.A.M. ResetBye R.A.M.	Disable/Restart R.A.M. ResetBye R.A.M.
•**COMBINATION CONTROL** *–All forms of Combo Off Skeds*	Disable/Restart R.A.M. ResetBye	SkedInit	Disable/Restart R.A.M. ResetBye	Disable/Restart R.A.M. ResetBye	SkedInit
•**HOLIDAY MODE** –Begin Holiday Period –End Holiday Period	Disable/Restart R.A.M. ResetBye Alpha II R.A.M.	Alpha II R.A.M.	Disable/Restart R.A.M. ResetBye Alpha II R.A.M.	Disable/Restart R.A.M. ResetBye Alpha II R.A.M.	Alpha II R.A.M.
Access Control Functions •**AUTHORIZATION LEVEL CONTROL** *–All forms of Turn Level Off Skeds*			Disable/Restart R.A.M. ResetBye Alpha II R.A.M.	Disable/Restart R.A.M. ResetBye Alpha II R.A.M.	Alpha II R.A.M.
•**DOORSTRIKE CONTROL** *–All forms of Hold Open Door# Skeds*			Disable/Restart R.A.M. ResetBye	Disable/Restart R.A.M. ResetBye	Alpha II R.A.M.

+ All versions higher than the version shown will operate as indicated in this table.
(##/##) Indicates the way this version of software is shown in the Alpha II display for Command 59.

8.2 Definitions

A title is used with each bar code to help you remember what the Sked does. The titles found in this section are commonly used throughout this Appendix. For applications and Function Bar Codes, see section 8.3.

TITLE	*DEFINITION*
Alarm Reports # OFF	Suppresses Alarm and Restoral reports to the central station for the zone (#) specified, yet allows programmed local functions to operate. (This function does NOT suppress Cancel Reports and Trouble Reports, but it does suppress Restoral Reports from troubled zones.) THIS FUNCTION SHOULD NOT BE USED ON LIFE-SAFETY ZONES. This function should ALWAYS be programmed with wildcard times for continuous operation, and an "Alarm Reports # ON" Sked for the zone should also be programmed. (See Section 8.3.5. **If Disarmed, Local Alarm Only**.) **NOTE:** See section 8.1 for possible effects of a panel reset.
Alarm Reports # ON	This function is used to restore the specified zone to normal reporting operation, allowing all programmed reports to transmit as usual. Used in conjunction with "Alarm Reports # OFF" function. (See Section 8.3.5. **If Disarmed, Local Alarm Only**.)
All Relays OFF	All Relays on the D8129 Octo-Relay Module are turned off. **DO NOT** use this function when programming the D8112A Access Control System.
All Relays ON	All Relays on the D8129 Octo-Relay Module are turned on. **DO NOT** use this function when programming the D8112A Access Control System. **NOTE:** See section 8.1 for possible effects of a panel reset.
Begin Closing Period	The beginning of the time period in which the user can arm the panel without generating a closing report to the central station. **NOTE:** See section 8.1 for possible effects of a panel reset.
Begin Holiday Period	The beginning of the Holiday period. The Holiday period is used as a condition of execution of Skeds containing the function "XOH" (eXcept On Holiday), or "OOH" (Only On Holiday). **NOTE:** See section 8.1 for possible effects of a panel reset.
Begin Opening Period	The beginning of the time period in which the user can disarm the panel without generating an opening report to the central station. **NOTE:** See section 8.1 for possible effects of a panel reset.
Combo # OFF	The specified arm/disarm Combination (see 8112:MAIN items 55 through 68), or ComboGroup (see 8112:Comex) is disabled for arming and disarming purposes. (The Combination can still be used for functions such as unlocking the COMMAND Bar, entering expanded Command 5's, etc. Disabled combinations can be used during Exit Delay.) CAUTION: If protection is violated and all Combinations are disabled, the user cannot disarm the system unless a keyswitch is installed (connected to D8112 terminals 26 and 24). **NOTE:** See section 8.1 for possible effects of a panel reset.
Combo # ON	The specified arm/disarm Combination (programmed in 8112:MAIN program items 55 through 68) is enabled. NOTE: Only those Combinations disabled by a Sked programmed with the function "Combo # OFF" require re-enabling.
End Closing Period	The end of the time period in which the user can arm the panel without generating a closing report to the central station.
End Holiday Period	The end of the Holiday period. The Holiday period is used as a condition of execution of Skeds containing the function "XOH" (eXcept On Holiday), or "OOH" (Only On Holiday).
End Opening Period	The end of the time period in which the user can disarm the panel without generating an opening report to the central station.

If Armed	Skeds condition of execution: If the D8112 is master armed or perimeter armed, the Sked executes according to the other conditions listed in the function code. *See* (*Sked Tip*) *below.*
If Disarmed	Skeds condition of execution: If the D8112 is disarmed, the Sked executes according to the other conditions listed in the function code. *See* (*Sked Tip*) *below.*
OOH	Skeds condition of execution: "Only On Holiday." Functions containing this condition ONLY execute during Holiday Periods as defined by the "Begin Holiday Period" and "End Holiday Period" Skeds functions. (See "XOH".) *See* (*Sked Tip*) *below.*
Relay # OFF	The specified relay on the D8129 Octo-Relay Module is turned off.
Relay # ON	The specified relay on the D8129 Octo-Relay Module is turned on. **NOTE:** See section 8.1 for possible effects of a panel reset.
Send Tbl E	Transmits a "Trouble Zone E" report to the central station. NOTE: If using this function, make sure Trouble Reports are *enabled* in 8112:MAIN, and *not suppressed* in 8112:AUX.
Tone	Sounds a "Watch Tone" at the Alpha II Command Center.
XOH	Skeds condition of execution: "eXcept On Holiday." Functions containing this condition will NOT execute during Holiday Periods as defined by the "Begin Holiday Period" and "End Holiday Period" Skeds functions. (See "OOH".) *See* (*Sked Tip*) *below.*
Zone # Shunt	The specified zone is shunted, bypassing the protection connected to the zone input. **NOTE:** See section 8.1 for effects of a panel reset.
Zone # Unshunt	The specified zone is returned to the system, allowing the protection to detect violations. NOTE: This function will remove shunt(s) placed on the system by the user through Selective Zone Shunting, Force Arming, and through the Remote Account Manager.

Sked Tip: *When using Skeds containing a "condition of execution" keep in mind that the "condition" must exist, or else the Sked will NOT run. Wildcard times and/or dates can be very effective with Skeds containing a condition of execution. If specific times are used with this type of Sked, carefully consider the time window in relation to other Skeds which may be programmed.*

8.3 Function Bar Code Applications

There are eleven groups of function bar codes. (See sections 8.3.1 through 8.3.11.) Each group is described in these sections. With each group description are the function bar codes used in the group.

8.3.1 ***No News Is Good News*** — These function bar codes are used to prevent routine opening and closing reports from being transmitted to the central station. Opening and closing events are stored in the D8112 and can be printed at a Local Printer as they occur, and/or downloaded later via the Remote Account Manager. (These features are enabled in the 8112:AUX, Logger Subhandler).

The first step in programming a *No News is Good News* group of Skeds is to define the opening and closing periods. One Sked is required to set the *beginning* of the opening period, and a second Sked is required to set the *end* of the opening period. A third Sked is required to set the *beginning* of the closing period, and a fourth Sked is required to set the *end* of the closing period.

Opening and closing events which occur outside of the opening and closing windows cause a report to be sent when the system is armed or disarmed. The Alpha II Command Center sounds the "Watch Tone" at the begining and end of the opening and closing windows. The "XOH" in these bar codes prevents these Skeds from operating during Holiday Periods. (See 8.3.2 Holidays.)

The second step is to determine *if and when* the central station is to be notified of a "fail to disarm" or "fail to arm" situation. If the central station is to be notified, two additional Skeds are needed. The **"If Armed, Tone, Send TblE, XOH"** bar code is used to transmit a *Trouble Zone E* report to the central station if the system is in the armed condition at the time set for the Sked (fail to disarm). The **"If Disarmed, Tone, Send TblE, XOH"** bar code is used to transmit a *Trouble Zone E* report if the system is in the disarmed condition at the time set for the Sked (fail to arm).

The **"If Armed, Tone..."** ("Fail to Disarm") and **"If Disarmed, Tone..."** ("Fail To Arm") bar codes can be used to remind the user to disarm and arm the system during the opening and closing periods.

No News Is Good News Function Bar Codes

Begin Opening Period, Tone, XOH FE580900

End Opening Period, Tone, XOH FE580800

FAIL TO DISARM

If Armed, Tone, send TblE, XOH 5801FE050E

If Armed, Tone, XOH 5801FE

EXAMPLE — No News is Good News OPENINGS: *The following Skeds are used to suppress opening reports between 08:45 and 09:30. Opening reports before 08:45 or after 09:30 are sent. If the system is not disarmed by 09:45, a Trouble Zone E report is sent to indicate a missed opening.*

NOTE: If the system is disarmed then re-armed during the Opening period, the Opening report is not sent, but the closing report IS sent. If the system is not disarmed by 09:45, the fail to disarm signal will be sent.

Sked 1: Mon – Fri 08:45
Begin Opening Period, Tone, XOH
Sked 2: Mon – Fri 09:30
End Opening Period, Tone, XOH
Sked 3: Mon – Fri 09:45
If Armed, Send Tbl E, Tone, XOH
*(optional **Fail to Disarm**)*

Begin Closing Period, Tone, XOH FE580B00

End Closing Period, Tone, XOH FE580A00

FAIL TO ARM

If Disarmed, Tone, send TblE, XOH 5802FE050E

If Disarmed, Tone, XOH 5802FE

EXAMPLE — No News is Good News CLOSINGS: *The following Skeds are used to suppress closing reports between 16:45 and 17:30. Closing reports before 16:45 or after 17:30 are sent. If the system is not armed by 17:45, a Trouble ZoneE report is sent to indicate a missed closing.*

NOTE: If the system is armed then disarmed during the Closing period, the Closing report is not sent, but the Opening report IS sent. If the system is not armed by 17:45, the fail to arm signal will be sent.

Sked 1: Mon – Fri 16:45
Begin Closing Period, Tone, XOH
Sked 2: Mon – Fri 17:30
End Closing Period, Tone, XOH
Sked 3: Mon – Fri 17:45
If Disarmed, Send Tbl E, Tone, XOH
*(optional, **Fail to Arm**)*

"Holiday Period" Bar Codes

Begin Holiday Period 39

End Holiday Period 31

8.3.2 ***Holidays*** — Functions containing the "XOH" (eXcept On Holiday) function will not execute during a defined holiday period. Functions containing the "OOH" (Only On Holiday) function will ONLY execute during a defined holiday period. Each Holiday Period is defined using two Skeds.

One Sked must be programmed with the **"Begin Holiday Period"** function, and a second Sked must be programmed with the **"End Holiday"** function. See Figure 1 Group 4 for an example.

NOTE for D8112G2 software 301/301 (and lower) and D8112A software 501/101 (and lower): Following a disable/restart, the Holiday Mode is turned off in the D8112. If the panel is supposed to be in the Holiday Mode at the time of the disable/restart, use COMMAND 52 function "B" or the R.A.M. to turn the Holiday Mode on.

8.3.3 ***Relay Control*** — These function bar codes turn on and off each of the eight relays on the Omegalarm D8129 OctoRelay Module. The D8129 must be programmed for the Remote Control Mode if using these Skeds functions. (See the *D8129 OctoRelay Operation and Installation Manual.*)

The **"Relay # ON, XOH"** Relay Control Function Bar Codes are conditioned on the Holiday Period. These bar codes do not allow operation of the Sked during the Holiday Period (see section 8.3.2). Each of the bar codes will turn ON the relay specified in its title.

NOTE for D8112G2 software 301/301 (and lower) and D8112A software 501/101 (and lower): Following a disable/restart (or D9300 R.A.M. "ResetBye" command), all of the relays are turned OFF. Check the condition of relays using COMMAND 54 at the Alpha II Command Center and make adjustments as needed (or use the D9300 R.A.M., screen CF7, and end the session using a "GoodBye" or "ArmBye").

D8112A NOTE: Do not program relay control functions for relays operated in 8112:ACCESS. Use the "Hold Open" and "Normal Operation" function bar codes (see section 8.3.8).

"Relay # ON, XOH" Bar Codes

Relay 1 ON, XOH 581A

Relay 2 ON, XOH 581B

Relay 3 ON, XOH 581C

Relay 4 ON, XOH 581D

Relay 5 ON, XOH 581E

Relay 6 ON, XOH 581F

Relay 7 ON, XOH 5820

Relay 8 ON, XOH 5821

All Relays ON, XOH 5819

The **"Relay # OFF, XOH"** Relay Control Function Bar Codes are conditioned on the Holiday Period. These bar codes do not allow operation of the Sked during the Holiday Period (see section 8.3.2). Each of the bar codes will turn OFF the relay specified in its title.

"Relay # OFF, XOH" Bar Codes

Relay 1 OFF, XOH 5811

Relay 2 OFF, XOH 5812

Relay 3 OFF, XOH 5813

Relay 4 OFF, XOH 5814

Relay 5 OFF, XOH 5815

Relay 6 OFF, XOH 5816

Relay 7 OFF, XOH 5817

Relay 8 OFF, XOH 5818

All Relays OFF, XOH 5810

"Relay # ON" Bar Codes

Relay 1 ON 1A

Relay 2 ON 1B

Relay 3 ON 1C

Relay 4 ON 1D

Relay 5 ON 1E

Relay 6 ON 1F

Relay 7 ON 20

Relay 8 ON 21

All Relays ON 19

Each of the **"Relay # ON"** bar codes turn ON the relay specified in the title. (These functions continue to work during Holiday Periods.)

NOTE for D8112G2 software 301/301 (and lower) and D8112A software 501/101 (and lower): Following a disable/restart (or D9300 R.A.M. "ResetBye" command), all of the relays are turned OFF. Check the condition of relays using COMMAND 54 at the Alpha II Command Center and make adjustments as needed (or use the D9300 R.A.M., screen CF7, and end the session using a "GoodBye" or "ArmBye").

D8112A NOTE: Do not program relay control functions for relays operated in 8112:ACCESS. Use the "Hold Open" and "Normal Operation" function bar codes (see section 8.3.8).

"Relay # OFF" Bar Codes

Each of the **"Relay # OFF"** bar codes turn OFF the relay specified in the title. (These functions continue to work during Holiday Periods.)

Relay 1 OFF 11

Relay 2 OFF 12

Relay 3 OFF 13

Relay 4 OFF 14

Relay 5 OFF 15

Relay 6 OFF 16

Relay 7 OFF 17

Relay 8 OFF 18

All Relays OFF 10

"If Armed, Relay # ON" Bar Codes

If Armed, Relay 1 ON 11A

If Armed, Relay 2 ON 11B

If Armed, Relay 3 ON 11C

If Armed, Relay 4 ON 11D

If Armed, Relay 5 ON 11E

If Armed, Relay 6 ON 11F

If Armed, Relay 7 ON 120

If Armed, Relay 8 ON 121

The **"If Armed, Relay # ON"** Relay Control Function Bar Codes are conditioned on the armed state of the D8112. Each of the bar codes will turn ON the relay specified in its title if the Sked runs while the system is armed.

NOTE for D8112G2 software 301/301 (and lower) and D8112A software 501/101 (and lower): Following a disable/restart (or D9300 R.A.M. "ResetBye" command), all of the relays are turned OFF. Check the condition of relays using COMMAND 54 at the Alpha II Command Center and make adjustments as needed (or use the D9300 R.A.M., screen CF7, and end the session using a "GoodBye" or "ArmBye").

D8112A NOTE: Do not program relay control functions for relays operated in 8112:ACCESS. Use the "Hold Open" and "Normal Operation" function bar codes (see section 3.8).

"If Disarmed, Relay # OFF" Bar Codes

If Disarmed, Relay 1 OFF 211

If Disarmed, Relay 2 OFF 212

If Disarmed, Relay 3 OFF 213

If Disarmed, Relay 4 OFF 214

If Disarmed, Relay 5 OFF 215

If Disarmed, Relay 6 OFF 216

If Disarmed, Relay 7 OFF 217

If Disarmed, Relay 8 OFF 218

The **"If Disarmed, Relay # OFF"** Relay Control Function Bar Codes are conditioned on the armed state of the D8112. Each of the bar codes will turn OFF the relay specified in its title if the Sked runs while the system is disarmed.

D8112A NOTE: Do not program relay control functions for relays operated in 8112:ACCESS. Use the "Hold Open" and "Normal Operation" function bar codes (see section 3.8).

8.3.4 ***Zone Shunting*** — These function bar codes shunt the specified master zone and all "Zonex" Points-of-Protection assigned to the zone.

"Zone # Shunt, If Disarmed" function bar codes are conditioned on the armed state of the panel. These function bars will shunt the specified zone if the system is disarmed.

Zone shunt (and unshunt) functions do not cause any tone or other indication when they occur. To provide annunciation of the shunted zone, it would be appropriate in most applications to program a Sked for the "Tone" function, or to turn a relay ON (or OFF) at the same time as the shunt.

Shunts placed in the system by Sked Functions can be removed by:

- A Sked programmed to "Unshunt" the zone.
- The D9300 R.A.M., screen CF5
- Arming the system (changing state from disarmed to armed).
- Disarming the system (changing state from armed to disarmed).
- Entering a combination at a Command Center to silence the alarm.
- Performing a disable/restart at the D8112.
- Performing a Reset/Bye from the R.A.M.

NOTE: Do not use Sked Functions to shunt independent zone control zones.

D8112A NOTE: Do not use Sked Functions to shunt the Door Zone in the Access Control system. Use "Hold Open" and "Normal Operation" bar codes found in section 8.3.8.

"Zone # Shunt" function bar codes shunt the specified master zone and all "Zonex" Points-of-Protection assigned to it, regardless of the armed state of the panel.

Zone shunt functions do not cause any tone or other indication when they occur. To provide annunciation of the shunted zone, it would be appropriate in most applications to program a Sked for the "Tone" function or, to turn a relay ON (or OFF) at the same time as the shunt.

"Zone # Shunt, If Disarmed" Bar Codes

Zone1 Shunt, If Disarmed 20301

Zone2 Shunt, If Disarmed 20302

Zone3 Shunt, If Disarmed 20303

Zone4 Shunt, If Disarmed 20304

Zone5 Shunt, If Disarmed 20305

Zone6 Shunt, If Disarmed 20306

Zone7 Shunt, If Disarmed 20307

Zone8 Shunt, If Disarmed 20308

"Zone # Shunt" Bar Codes

Zone 1 Shunt 301

Zone 2 Shunt 302

Zone 3 Shunt 303

Zone 4 Shunt 304

Zone 5 Shunt 305

Zone 6 Shunt 306

Zone 7 Shunt 307

Zone 8 Shunt 308

"Zone # Unshunt" Bar Codes

Zone1 Unshunt 401

Zone2 Unshunt 402

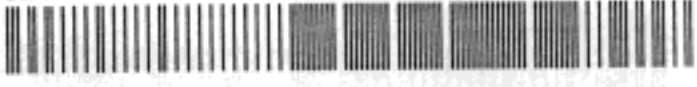
Zone3 Unshunt 403

Zone4 Unshunt 404

Zone5 Unshunt 405

Zone6 Unshunt 406

Zone7 Unshunt 407



Zone8 Unshunt 408

"Zone # Unshunt" function bar codes remove the shunt from the specified master zone and all "Zonex" Points-of-Protection, returning the protection to normal operation.

These function bar codes will remove shunts placed on the zone by the user through Selective Zone Shunting, Force Arming, and through the Remote Account Manager.

8.3.5 **If Disarmed, Local Alarm Only: *Alarm Reports OFF/ON*** — These function bar codes suppress or enable Alarm and Restoral reports from the specified master zone and all "Zonex" Points-of-Protection assigned to it, based on the armed state of the panel. Local functions operate as programmed for the specified zone(s).

This function is ideally suited for zones which should be annunciated at a local guard station when the system is disarmed. These zones should be programmed with "24 Hour" Zone Codes in 8112:MAIN.

"If Disarmed, Alarm Reports #, OFF"
These function bar codes turn OFF (suppress) transmission of Alarm and Restoral reports from the zone specified when the system is disarmed. These bar codes do NOT suppress Cancel or Trouble reports, but they do suppress Restoral reports from troubled zones.

SKEDS PROGRAMMED WITH THIS FUNCTION SHOULD BE PROGRAMMED WITH WILDCARD TIMES FOR CONTINUOUS OPERATION, AND AN "IF ARMED, ALARM REPORTS # ON" SKED FOR THE ZONE SHOULD ALSO BE PROGRAMMED.

WARNING: DO NOT USE THE "ALARM REPORT # OFF" FUNCTION ON LIFE SAFETY ZONES. It may also be inappropriate to use these functions on zones programmed for Command 7, Command 9, and Duress.

"If Armed, Alarm Reports #, ON"
These function bar codes turn ON transmission of Alarm and Restoral reports for the zone specified when the system is armed. This function is used to restore the zone to normal operation, allowing all programmed reports to transmit as usual.

SKEDS PROGRAMMED WITH THIS FUNCTION SHOULD BE PROGRAMMED WITH WILDCARD TIMES FOR CONTINUOUS OPERATION.

If Disarmed, Local Alarm Only, Zone 1

If Disarmed, Alarm Report 1 OFF 261016501

If Armed, Alarm Report 1 ON 160016401

If Disarmed, Local Alarm Only, Zone 2

If Disarmed, Alarm Report 2 OFF 261026502

If Armed, Alarm Report 2 ON 160026402

If Disarmed, Local Alarm Only, Zone 3

If Disarmed, Alarm Report 3 OFF 261036503

If Armed, Alarm Report 3 ON 160036403

If Disarmed, Alarm Report 4 OFF 261046504

If Armed, Alarm Report 4 ON 160046404

If Disarmed, Local Alarm Only, Zone 4

If Disarmed, Alarm Report 5 OFF 261056505

If Armed, Alarm Report 5 ON 160056405

If Disarmed, Local Alarm Only, Zone 5

If Disarmed, Alarm Report 6 OFF 261066506

If Armed, Alarm Report 6 ON 160066406

If Disarmed, Local Alarm Only, Zone 6

If Disarmed, Alarm Report 7 OFF 261076507

If Armed, Alarm Report 7 ON 160076407

If Disarmed, Local Alarm Only, Zone 7

If Disarmed, Alarm Report 8 OFF 261086508

If Armed, Alarm Report 8 ON 160086408

If Disarmed, Local Alarm Only, Zone 8

If Disarmed, Alarm Report 1-8 OFF 261006500

If Armed, Alarm Report 1-8 ON 160006400

If Disarmed, Local Alarm Only, Zones 1 through 8

If Armed, Local Alarm Only: ***Alarm Reports OFF/ON*** — These function bar codes suppress or enable Alarm and Restoral reports from the specified master zone and all "Zonex" Points-of-Protection assigned to it, based on the armed state of the panel. Local functions operate as programmed for the specified zone(s).

This function is ideally suited for zones which should be annunciated only at a local guard station when the system is armed. These zones should be programmed with "24 Hour" Zone Codes in 8112:MAIN.

"If Armed, Alarm Reports #, OFF"
These function bar codes turn OFF (suppress) transmission of Alarm and Restoral reports from the zone specified when the system is armed. These bar codes do NOT suppress Cancel or Trouble reports, but they do suppress Restoral reports from troubled zones.

SKEDS PROGRAMMED WITH THIS FUNCTION SHOULD BE PROGRAMMED WITH WILDCARD TIMES FOR CONTINUOUS OPERATION, AND AN "IF DISARMED, ALARM REPORT # ON" SKED FOR THE ZONE SHOULD ALSO BE PROGRAMMED.

WARNING: DO NOT USE THE "ALARM REPORT # OFF" FUNCTION ON LIFE SAFETY ZONES. It may also be inappropriate to use these functions on zones programmed for Command 7, Command 9, and Duress.

"If Disarmed, Alarm Reports #, ON"
These function bar codes turn ON transmission of Alarm and Restoral reports for the zone specified when the system is disarmed. This function is used to restore the zone to normal operation, allowing all programmed reports to transmit as usual.

SKEDS PROGRAMMED WITH THIS FUNCTION SHOULD BE PROGRAMMED WITH WILDCARD TIMES FOR CONTINUOUS OPERATION.

If Armed, Local Alarm Only, Zone 1

If Armed, Alarm Report 1 OFF 161016501

If Disarmed, Alarm Report 1 ON 260016401

If Armed, Local Alarm Only, Zone 2

If Armed, Alarm Report 2 OFF 161026502

If Disarmed, Alarm Report 2 ON 260026402

If Armed, Local Alarm Only, Zone 3

If Armed, Alarm Report 3 OFF 161036503

If Disarmed, Alarm Report 3 ON 260036403

If Armed, Local Alarm Only, Zone 4

If Armed, Alarm Report 4 OFF 161046504

If Disarmed, Alarm Report 4 ON 260046404

If Armed, Local Alarm Only, Zone 5

If Armed, Alarm Report 5 OFF 161056505

If Disarmed, Alarm Report 5 ON 260056405

If Armed, Local Alarm Only, Zone 6

If Armed, Alarm Report 6 OFF 161066506

If Disarmed, Alarm Report 6 ON 260066406

If Armed, Local Alarm Only, Zone 7

If Armed, Alarm Report 7 OFF 161076507

If Disarmed, Alarm Report 7 ON 260076407

If Armed, Local Alarm Only, Zone 8

If Armed, Alarm Report 8 OFF 161086508

If Disarmed, Alarm Report 8 ON 260086408

If Armed, Local Alarm Only, Zones 1 through 8

If Armed, Alarm Report 1-8 OFF 161006500

If Disarmed, Alarm Report 1-8 ON 260006400

8.3.6 *Combination Enable/Disable* — This group of Skeds functions is used to enable and disable the specified arm/disarm combination (as programmed in 8112:MAIN) or the specified ComboGroup (as programmed in 8112:Comex).

Combinations and ComboGroups which are *not* disabled by Skeds functions *do not need to be enabled in the 8112:Skeds program.*

If a D8112 panel is being moved to a new subscriber location, or being upgraded with new software, use the initialization procedure outlined in the *MLogStart Product Handler Program*Manual (74-05608-000) to insure that all combinations are enabled.

See Section 8.1 (pages 9-10) of this manual for information regarding the impact of a Disable/ Restart, or R.A.M. ResetBye on this Sked Function Group.

In D8112G2 software 400/400 (and higher) and D8112A software 600/600 (and higher), combinations can be re-enabled using the SkedInit Product Handler (see 74-05455-000).

In D8112G2 software 301/301 (and lower) and D8112A software 501/101 (and lower): All programmed combinations or ComboGroups are enabled following a disable/restart (momentarily connecting D8112 terminal 32 to terminal 29), and after a "Reset Bye" command is entered at the D9300 Remote Account Manager.

"Combo # ON, XOH" function bar codes are used to enable the specified arm/disarm combination or Comex ComboGroup. These

"Combo # ON, XOH" Bar Codes

Combo1 ON, XOH 580D010F01

Combo2 ON, XOH 580D020F02

Combo3 ON, XOH 580D030F03

Combo4 ON, XOH 580D040F04

Combo5 ON, XOH 580D050F05

Combo6 ON, XOH 580D060F06

Combo7 ON, XOH 580D070F07

Combo8 ON, XOH 580D080F08

Combo 91 ON, XOH 580D090F09

Combo92 ON, XOH 580D0A0F0A

Combo93 ON, XOH 580D0B0F0B

Combo94 ON, XOH 580D0C0F0C

Combo95 ON, XOH 580D0D0F0D

Combo96 ON, XOH 580D0E0F0E

"Combo # OFF, XOH" Bar Codes

Combo1 OFF, XOH 580C010E01

Combo2 OFF, XOH 580C020E02

Combo3 OFF, XOH 580C030E03

Combo4 OFF, XOH 580C040E04

Combo5 OFF, XOH 580C050E05

Combo6 OFF, XOH 580C060E06

Combo7 OFF, XOH 580C070E07

Combo8 OFF, XOH 580C080E08

Combo91 OFF, XOH 580C090E09

Combo92 OFF, XOH 580C0A0E0A

Combo93 OFF, XOH 580C0B0E0B

Combo94 OFF, XOH 580C0C0E0C

Combo95 OFF, XOH 580C0D0E0D

Combo96 OFF, XOH 580C0E0E0E

"Combo # OFF, XOH" function bar codes are used to disable the specified arm/disarm combination or Comex ComboGroup. These functions do not operate during Holiday Periods.

When disabled using this function, the specified arm/disarm combination can be used during "exit delay". Disabled combinations can also be used when entering expanded Command 5's (see the *8112: AUX Program Entry Guide, Cmd5's Subhandler*).

Combinations disabled by the "Combo # OFF, XOH" function will need to be re-enabled using one of the "Combo # ON" Sked functions before they can be used to arm and disarm the system.

See Section 8.1 (pages 9-10) of this manual for information regarding the impact of a Disable/ Restart, or R.A.M. ResetBye on this Sked Function Group.

"Combo # ON, OOH" Bar Codes

"Combo # ON, OOH" enables the arm/disarm combination or ComboGroup specified. These functions ONLY operate during Holiday Periods (see section 8.3.2).

See Section 8.1 (pages 9-10) of this manual for information regarding the impact of a Disable/ Restart, or R.A.M. ResetBye on this Sked Function Group.

Combo1 ON, OOH 500D010F01

Combo2 ON, OOH 500D020F02

Combo3 ON, OOH 500D030F03

Combo4 ON, OOH 500D040F04

Combo5 ON, OOH 500D050F05

Combo6 ON, OOH 500D060F06

Combo7 ON, OOH 500D070F07

Combo8 ON, OOH 500D080F08

Combo 91 ON, OOH 500D090F09

Combo92 ON, OOH 500D0A0F0A

Combo93 ON, OOH 500D0B0F0B

Combo94 ON, OOH 500D0C0F0C

Combo95 ON, OOH 500D0D0F0D

Combo96 ON, OOH 500D0E0F0E

"Combo # OFF, OOH" Bar Codes

Combo1 OFF, OOH 500C010E01

Combo2 OFF, OOH 500C020E02

Combo3 OFF, OOH 500C030E03

Combo4 OFF, OOH 500C040E04

Combo5 OFF, OOH 500C050E05

Combo6 OFF, OOH 500C060E06

Combo7 OFF, OOH 500C070E07

Combo8 OFF, OOH 500C080E08

Combo91 OFF, OOH 500C090E09

Combo92 OFF, OOH 500C0A0E0A

Combo93 OFF, OOH 500C0B0E0B

Combo94 OFF, OOH 500C0C0E0C

Combo95 OFF, OOH 500C0D0E0D

Combo96 OFF, OOH 500C0E0E0E

"Combo # OFF, OOH" disables the arm/disarm combination specified, ONLY if the Sked runs during a programmed Holiday Period.

When disabled using this function, the specified arm/disarm combination (or ComboGroup) can be used during "exit delay". Disabled combinations can also be used when entering expanded Command 5's (see the *8112:AUX Program Entry Guide, Cmd5's Subhandler*).

Application Note: If your application requires that a certain combination is disabled during Holiday Periods, the best way to achieve this is using the "Combo # OFF, OOH" function in a Sked programmed with a "wildcard time", and another Sked using the "Combo # ON, XOH" function in a Sked programmed with a "wildcard time".

See Section 8.1 (pages 9-10) of this manual for information regarding the impact of a Disable/Restart, or R.A.M. ResetBye on this Sked Function Group.

The **"If Disarmed, Combo # ON"** and **"If Armed, Combo # OFF"** function bar codes are used to enable and disable the specified arm/disarm combinations (as programmed in 8112:MAIN) or the specified ComboGroup (as programmed in 8112: Comex) based on the armed state of the panel. These functions operate regardless of programmed Holiday Periods.

"If Disarmed, Combo # ON" enables the arm/disarm combination specified, if the Sked runs while the panel is disarmed.

See Section 8.1 (pages 9-10) of this manual for information regarding the impact of a Disable/Restart, or R.A.M. ResetBye on this Sked Function Group.

"If Disarmed, Combo # ON" Bar Codes

If Disarmed, Combo1 ON 20D010F01

If Disarmed, Combo2 ON 20D020F02

If Disarmed, Combo3 ON 20D030F03

If Disarmed, Combo4 ON 20D040F04

If Disarmed, Combo5 ON 20D050F05

If Disarmed, Combo6 ON 20D060F06

If Disarmed, Combo7 ON 20D070F07

If Disarmed, Combo8 ON 20D080F08

If Disarmed, Combo 91 ON 20D090F09

If Disarmed, Combo92 ON 20D0A0F0A

If Disarmed, Combo93 ON 20D0B0F0B

If Disarmed, Combo94 ON 20D0C0F0C

If Disarmed, Combo95 ON 20D0D0F0D

If Disarmed, Combo96 ON 20D0E0F0E

"If Armed, Combo # OFF" Bar Codes

If Armed, Combo1 OFF 10C010E01

If Armed, Combo2 OFF 10C020E02

If Armed, Combo3 OFF 10C030E03

If Armed, Combo4 OFF 10C040E04

If Armed, Combo5 OFF 10C050E05

If Armed, Combo6 OFF 10C060E06

If Armed, Combo7 OFF 10C070E07

If Armed, Combo8 OFF 10C080E08

If Armed, Combo91 OFF 10C090E09

If Armed, Combo92 OFF 10C0A0E0A

If Armed, Combo93 OFF 10C0B0E0B

If Armed, Combo94 OFF 10C0C0E0C

If Armed, Combo95 OFF 10C0D0E0D

If Armed, Combo96 OFF 10C0E0E0E

"If Armed, Combo # OFF" disables the arm/disarm combination specified while the panel is armed. When disabled using this function, the specified arm/disarm combination (or Combo-Group) can be used during "exit delay". Disabled combinations can also be used when entering expanded Command 5's which require a combination (see the *8112:AUX Program Entry Guide, Cmd5's Subhandler*).

NOTE: Combinations disabled by the "If Armed, Combo # OFF" function cannot be used to disarm the system.

See Section 8.1 (pages 9-10) of this manual for information regarding the impact of a Disable/Restart, or R.A.M. ResetBye on this Sked Function Group.

8.3.7 ***Access Control Authorization Level Enable/Disable***—The Turn Level # On/Off function bar codes are used to enable and disable the specified authorization Levels for the D8112A Access Control System. The characteristics of each authorization Level are programmed in the 8112:ACCESS product handler program. Each User in the Access Control System is assigned an authorization Level for each door in the system using the 8112:ASSIGN product handler program.

"Turn Level # ON" bar codes are used to enable the authorization Level specified, regardless of any programmed Holiday Periods.

NOTE: Only Levels disabled by the "Turn Level # OFF" function need to be enabled in 8112:Skeds.

See Section 8.1 (pages 9-10) of this manual for information regarding the impact of a Disable/ Restart, or R.A.M. ResetBye on this Sked Function Group.

"Turn Level # OFF" bar codes are used to disable the authorization Level specified, regardless of any programmed Holiday Periods.

See Section 8.1 (pages 9-10) of this manual for information regarding the impact of a Disable/ Restart, or R.A.M. ResetBye on this Sked Function Group.

"Turn Level # ON" Bar Codes

Turn Level 1 ON 73

Turn Level 2 ON 74

Turn Level 3 ON 75

Turn Level 4 ON 76

Turn Level 5 ON 77

Turn Level 6 ON 78

Turn Level 7 ON 79

Turn All Levels ON 8200

"Turn Level # OFF" Bar Codes

Turn Level 1 OFF 6C

Turn Level 2 OFF 6D

Turn Level 3 OFF 6E

Turn Level 4 OFF 6F

Turn Level 5 OFF 70

Turn Level 6 OFF 71

Turn Level 7 OFF 72

Turn All Levels OFF 82FF

"Turn Level # ON XOH" Bar Codes

Turn Level 1 ON XOH 5873

Turn Level 2 ON XOH 5874

Turn Level 3 ON XOH 5875

Turn Level 4 ON XOH 5876

Turn Level 5 ON XOH 5877

Turn Level 6 ON XOH 5878

Turn Level 7 ON XOH 5879

Turn All Levels ON XOH 588200

"Turn Level # ON XOH" bar codes are used to enable the authorization Level specified, except during programmed Holiday periods.

See Section 8.1 (pages 9-10) of this manual for information regarding the impact of a Disable/ Restart, or R.A.M. ResetBye on this Sked Function Group.

"Turn Level # OFF XOH" Bar Codes

Turn Level 1 OFF XOH 586C

Turn Level 2 OFF XOH 586D

Turn Level 3 OFF XOH 586E

Turn Level 4 OFF XOH 586F

Turn Level 5 OFF XOH 5870

Turn Level 6 OFF XOH 5871

Turn Level 7 OFF XOH 5872

Turn All Levels OFF XOH 5882FF

"Turn Level # OFF XOH" bar codes are used to disable the authorization Level specified, except during programmed Holiday periods.

See Section 8.1 (pages 9-10) of this manual for information regarding the impact of a Disable/ Restart, or R.A.M. ResetBye on this Sked Function Group.

"Turn Level # ON OOH" Bar Codes

"Turn Level # ON OOH" bar codes are used to enable the authorization Level specified, ONLY during programmed Holiday periods.

See Section 8.1 (pages 9-10) of this manual for information regarding the impact of a Disable/ Restart, or R.A.M. ResetBye on this Sked Function Group.

Turn Level 1 ON OOH 5073

Turn Level 2 ON OOH 5074

Turn Level 3 ON OOH 5075

Turn Level 4 ON OOH 5076

Turn Level 5 ON OOH 5077

Turn Level 6 ON OOH 5078

Turn Level 7 ON OOH 5079

Turn All Levels ON OOH 508200

"Turn Level # OFF OOH" Bar Codes

"Turn Level # OFF OOH" bar codes are used to disable the authorization Level specified, ONLY during programmed Holiday periods.

See Section 8.1 (pages 9-10) of this manual for information regarding the impact of a Disable/ Restart, or R.A.M. ResetBye on this Sked Function Group.

Turn Level 1 OFF OOH 506C

Turn Level 2 OFF OOH 506D

Turn Level 3 OFF OOH 506E

Turn Level 4 OFF OOH 506F

Turn Level 5 OFF OOH 5070

Turn Level 6 OFF OOH 5071

Turn Level 7 OFF OOH 5072

Turn All Levels OFF OOH 5082FF

8.3.8 *Access Control Doorstrike Relay Control–*

The "Hold Open/Normal Operation Door#" functions are used to latch open doors and restore them to normal in the D8112A Access Control System. **"Wildcard" Times (entry **:**) should NOT be used with "Hold Open/ Normal Operation Door" Skeds. Because the "Normal Operation Door" Skeds *remove shunts* when they operate, false alarms can occur if the associated door is open at the time that the Sked runs. False alarms can occur frequently if wildcard times are used.** The characteristics of each door in the system are programmed in the 8112:ACCESS product handler program.

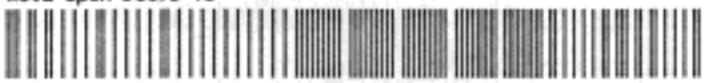
"Hold Open Door#" Bar Codes

Hold Open DoorA 7A

Hold Open DoorB 7B

Hold Open DoorC 7C

Hold Open DoorD 7D



"Hold Open Door #" bar codes are used to activate the relays associated with the door specified, regardless of Holiday Periods. *"Wildcard" Times should NOT be used with these Skeds.*

To restore the specified door to normal operation, a Sked needs to be programmed with the "Normal Operation Door#" function for the specified door.

See Section 8.1 (pages 9-10) of this manual for information regarding the impact of a Disable/Restart, or R.A.M. ResetBye on this Sked Function Group. (With D8112A rev. 600/600, use Command 51 at the Alpha II Command Center, or use the R.A.M. to change the state of the "Hold Open Door" relay.)

"Normal Operation Door#" Bar Codes

Normal Operation DoorA 7E

Normal Operation DoorB 7F

Normal Operation DoorC 80

Normal Operation DoorD 81

"Normal Operation Door #" bar codes are used to restore the door specified to normal operation. These functions de-activate the relays, and remove the zone shunt associated with the door, regardless of any programmed Holiday Periods. *"Wildcard" Times should NOT be used with these Skeds.*

See Section 8.1 (pages 9-10) of this manual for information regarding the impact of a Disable/Restart, or R.A.M. ResetBye on this Sked Function Group. (With D8112A rev. 600/600, use Command 51 at the Alpha II Command Center, or use the R.A.M. to change the state of the "Hold Open Door" relay.)

"Hold Open Door# XOH" Bar Codes

Hold Open DoorA XOH 587A

Hold Open DoorB XOH 587B

Hold Open DoorC XOH 587C

Hold Open DoorD XOH 587D

"Hold Open Door # XOH" bar codes are used to activate the relays associated with the door specified, except during programmed Holiday Periods. *"Wildcard" Times should NOT be used with these Skeds.*

To restore the specified door to normal operation, a Sked needs to be programmed with the "Normal Operation Door#" function for the specified door.

See Section 8.1 (pages 9-10) of this manual for information regarding the impact of a Disable/Restart, or R.A.M. ResetBye on this Sked Function Group. (With D8112A rev. 600/600, use Command 51 at the Alpha II Command Center, or use the R.A.M. to change the state of the "Hold Open Door" relay.)

"Normal Operation Door # XOH" bar codes are used to restore the door specified to normal operation. These functions de-activate the relays, and remove the zone shunt associated with the door, except during programmed Holiday Periods. *"Wildcard" Times should NOT be used with these Skeds.*

See Section 8.1 (pages 9-10) of this manual for information regarding the impact of a Disable/Restart, or R.A.M. ResetBye on this Sked Function Group. (With D8112A rev. 600/600, use Command 51 at the Alpha II Command Center, or use the R.A.M. to change the state of the "Hold Open Door" relay.)

"Normal Operation Door# XOH" Bar Codes

Normal Operation DoorA XOH 587E

Normal Operation DoorB XOH 587F

Normal Operation DoorC XOH 5880

Normal Operation DoorD XOH 5881

"Hold Open Door # OOH" bar codes are used to activate the relays associated with the door specified, ONLY during programmed Holiday Periods. *"Wildcard" Times should NOT be used with these Skeds.*

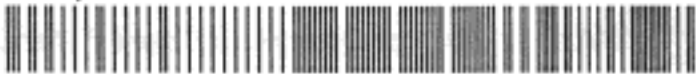
To restore the specified door to normal operation, a Sked needs to be programmed with a "Normal Operation Door#" function for the specified door.

See Section 8.1 (pages 9-10) of this manual for information regarding the impact of a Disable/Restart, or R.A.M. ResetBye on this Sked Function Group. (With D8112A rev. 600/600, use Command 51 at the Alpha II Command Center, or use the R.A.M. to change the state of the "Hold Open Door" relay.)

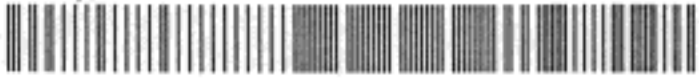
"Hold Open Door# OOH" Bar Codes

Hold Open DoorA OOH 507A

Hold Open DoorB OOH 507B



Hold Open DoorC OOH 507C



Hold Open DoorD OOH 507D

"Normal Operation Door # OOH" bar codes are used to restore the door specified to normal operation. These functions de-activate the relays, and remove the zone shunt associated with the door, ONLY during programmed Holiday Periods. *"Wildcard" Times should NOT be used with these Skeds.*

See Section 8.1 (pages 9-10) of this manual for information regarding the impact of a Disable/Restart, or R.A.M. ResetBye on this Sked Function Group. (With D8112A rev. 600/600, use Command 51 at the Alpha II Command Center, or use the R.A.M. to change the state of the "Hold Open Door" relay.)

"Normal Operation Door# OOH" Bar Codes

Normal Operation DoorA OOH 507E

Normal Operation DoorB OOH 507F

Normal Operation DoorC OOH 5080

Normal Operation DoorD OOH 5081

"If Disarmed Hold Open Door# " Bar Codes

If Disarmed Hold Open DoorA 27A

If Disarmed Hold Open DoorB 27B

If Disarmed Hold Open DoorC 27C

If Disarmed Hold Open DoorD 27D

If Disarmed Hold Open DoorABCD 27A7B7C7D

"If Disarmed Hold Open Door # " bar codes are used to activate the relays and shunt associated with the door specified, ONLY when the panel is disarmed. *"Wildcard" Times should NOT be used with these Skeds.*

To restore the specified door to normal operation, a Sked needs to be programmed with a "Normal Operation Door#" function for the specified door.

The **"If Disarmed Hold Open Door ABCD"** bar code is used to activate the relays and shunts associated with all Access Control doors when the panel is disarmed.

See Section 8.1 (pages 9-10) of this manual for information regarding the impact of a Disable/Restart, or R.A.M. ResetBye on this Sked Function Group. (With D8112A rev. 600/600, use Command 51 at the Alpha II Command Center, or use the R.A.M. to change the state of the "Hold Open Door" relay.)

"If Armed Normal Operation Door# " Bar Codes

If Armed Normal Op DoorA 17E

If Armed Normal Op DoorB 17F

If Armed Normal Op DoorC 180

If Armed Normal Op DoorD 181

If Armed Normal Op DoorABCD 17E7F8081

"If Armed Normal Op Door # " bar codes are used to restore the door specified to normal operation. These functions de-activate the relays, and remove the zone shunt associated with the door, ONLY when the panel is armed.

"Wildcard" Times should NOT be used with these Skeds.

The **"Armed Normal Op Door ABCD"** bar code is used to restore all Access Control Doors to normal operation when the panel is armed. This Sked de-activates the relays, and removes the zone shunts associated with all Access Control doors when the panel is armed.

See Section 8.1 (pages 9-10) of this manual for information regarding the impact of a Disable/Restart, or R.A.M. ResetBye on this Sked Function Group. (With D8112A rev. 600/600, use Command 51 at the Alpha II Command Center, or use the R.A.M. to change the state of the "Hold Open Door" relay.)

"If Armed Hold Open Door# " Bar Codes

"If Armed Hold Open Door # " bar codes are used to activate the relays and shunt associated with the door specified, ONLY when the panel is armed. *"Wildcard" Times should NOT be used with these Skeds.*

To restore the specified door to normal operation, a Sked needs to be programmed with a "Normal Operation Door#" function for the specified door.

The **"If Armed Hold Open Door ABCD"** bar code is used to activate the relays and shunts associated with all Access Control doors when the panel is armed.

See Section 8.1 (pages 9-10) of this manual for information regarding the impact of a Disable/Restart, or R.A.M. ResetBye on this Sked Function Group. (With D8112A rev. 600/600, use Command 51 at the Alpha II Command Center, or use the R.A.M. to change the state of the "Hold Open Door" relay.)

If Armed Hold Open DoorA 17A

If Armed Hold Open DoorB 17B

If Armed Hold Open DoorC 17C

If Armed Hold Open DoorD 17D

If Armed Hold Open DoorABCD 17A7B7C7D

"If Disarmed Normal Operation Door# " Bar Codes

"If Disarmed Normal Op Door # " bar codes are used to restore the door specified to normal operation. These functions de-activate the relays, and removes the zone shunt associated with the door, ONLY when the panel is disarmed.

"Wildcard" Times should NOT be used with these Skeds.

The **"If Disarmed Normal Op Door ABCD"** bar code is used to restore all Access Control doors to normal operation when the panel is disarmed. This Sked de-activates the relays, and removes zone shunts associated with all Access Control doors.

See Section 8.1 (pages 9-10) of this manual for information regarding the impact of a Disable/Restart, or R.A.M. ResetBye on this Sked Function Group. (With D8112A rev. 600/600, use Command 51 at the Alpha II Command Center, or use the R.A.M. to change the state of the "Hold Open Door" relay.)

If Disarmed Normal Op DoorA 27E

If Disarmed Normal Op DoorB 27F

If Disarmed Normal Op DoorC 280

If Disarmed Normal Op DoorD 281

If Disarmed Normal Op DoorABCD 27E7F8081

8.3.9 ***Access Control System Logger Control***—The "Log...Door#" functions are used to tell the D8112A what events to log in the D8112A Access Control panel's Memory Logger for the door specified. The logging characteristics for each door in the system are programmed in the 8112:ACCESS product handler program. These Skeds functions are used to change the programming of 8112:ACCESS program item ***Log***. (Memory Logger is enabled in the 8112:AUX product handler program, program item ***6.1 MLog En***.)

"Log All Events Door#" Bar Codes

Log All Events DoorA 6A00

Log All Events DoorB 6A10

Log All Events DoorC 6A20

Log All Events DoorD 6A30

"Log All Events Door#" bar codes are used to change the logging entry programmed in 8112:ACCESS so that the D8112A logs all events (entries, denials, exit requests, etc.) associated with the door specified at the time specified in the Sked, regardless of any programmed Holiday Periods.

[The Memory Logger can also be changed with other Skeds programmed with the "Log Only Denials Door#", "Log All But Egress (000) Door#", and "Log Only Entries Door#" functions.]

"Log All Events Door# XOH" Bar Codes

Log All Events DoorA XOH 586A00

Log All Events DoorB XOH 586A10

Log All Events DoorC XOH 586A20

Log All Events DoorD XOH 586A30

"Log All Events Door# XOH" bar codes are used to change the logging entry programmed in 8112:ACCESS so that the D8112A logs all events (entries, denials, exit requests, etc) associated with the door specified at the time specified in the Sked, except during programmed Holiday Periods.

[The Memory Logger can also be changed with other Skeds programmed with the "Log Only Denials Door#", "Log All But Egress (000) Door#", and "Log Only Entries Door#" functions.]

"Log All Events Door# OOH" Bar Codes

Log All Events DoorA OOH 506A00

Log All Events DoorB OOH 506A10

Log All Events DoorC OOH 506A20

Log All Events DoorD OOH 506A30

"Log All Events Door# OOH" bar codes are used to change the logging entry programmed in 8112:ACCESS so that the D8112A logs all events (entries, denials, exit requests, etc) associated with the door specified at the time specified in the Sked, ONLY during programmed Holiday Periods.

[The Memory Logger can also be changed with other Skeds programmed with the "Log Only Denials Door#", "Log All But Egress (000) Door#", and "Log Only Entries Door#" functions.]

"Log Only Denials Door#" bar codes are used to change the logging entry programmed in 8112:ACCESS so that the D8112A logs ONLY denials associated with the door specified at the time specified in the Sked, regardless of any programmed Holiday Periods.

[The Memory Logger can also be changed with other Skeds programmed with the "Log All Events Door#", "Log All But Egress (000) Door#", and "Log Only Entries Door#" functions.]

"Log Only Denials Door#" Bar Codes

Log Only Denials DoorA 6A01

Log Only Denials DoorB 6A11

Log Only Denials DoorC 6A21

Log Only Denials DoorD 6A31

"Log Only Denials Door# XOH" bar codes are used to change the logging entry programmed in 8112:ACCESS so that the D8112A logs ONLY denials associated with the door specified at the time specified in the Sked, except during programmed Holiday periods.

[The Memory Logger can also be changed with other Skeds programmed with the "Log All Events Door#", "Log All But Egress (000) Door#", and "Log Only Entries Door#" functions.]

"Log Only Denials Door# XOH" Bar Codes

Log Only Denials DoorA XOH 586A01

Log Only Denials DoorB XOH 586A11

Log Only Denials DoorC XOH 586A21

Log Only Denials DoorD XOH 586A31

"Log Only Denials Door# OOH" bar codes are used to change the logging entry programmed in 8112:ACCESS so that the D8112A logs ONLY denials associated with the door specified at the time specified in the Sked, ONLY during programmed Holiday Periods.

[The Memory Logger can also be changed with other Skeds programmed with the "Log All Events Door#", "Log All But Egress (000) Door#", and "Log Only Entries Door#" functions.]

"Log Only Denials Door# OOH" Bar Codes

Log Only Denials DoorA OOH 506A01

Log Only Denials DoorB OOH 506A11

Log Only Denials DoorC OOH 506A21

Log Only Denials DoorD OOH 506A31

"Log Only Entries and Egress Door#"

Log Only Entries DoorA 6A02

Log Only Entries DoorB 6A12

Log Only Entries DoorC 6A22

Log Only Entries DoorD 6A32

"Log Only Entries Door#" bar codes are used to change the logging entry programmed in 8112:ACCESS so that the D8112A logs ONLY entries and "egress" (exits using a pushbutton or motion detector, logged as user "000") associated with the door specified at the time specified in the Sked.

[The Memory Logger can also be changed with other Skeds programmed with the "Log All Events Door#", "Log All But Egress (000) Door#", and "Log Only Denials Door#" functions.]

"Log Only Entries and Egress Door# XOH"

Log Only Entries DoorA XOH 586A02

Log Only Entries DoorB XOH 586A12

Log Only Entries DoorC XOH 586A22

Log Only Entries DoorD XOH 586A32

"Log Only Entries Door# XOH" bar codes are used to change the logging entry programmed in 8112:ACCESS so that the D8112A logs ONLY entries and "egress" (exits using a pushbutton or motion detector, logged as user "000") associated with the door specified at the time specified in the Sked, eXcept during programmed Holiday periods.

[The Memory Logger can also be changed with other Skeds programmed with the "Log All Events Door#", "Log All But Egress (000) Door#", and "Log Only Denials Door#" functions.]

"Log Only Entries and Egress Door# OOH"

Log Only Entries DoorA OOH 506A02

Log Only Entries DoorB OOH 506A12

Log Only Entries DoorC OOH 506A22

Log Only Entries DoorD OOH 506A32

"Log Only Entries Door#" bar codes are used to change the logging entry programmed in 8112:ACCESS so that the D8112A logs ONLY entries and "egress" (exits using a pushbutton or motion detector, logged as user "000") associated with the door specified at the time specified in the Sked, ONLY during programmed Holiday periods.

[The Memory Logger can also be changed with other Skeds programmed with the "Log All Events Door#", "Log All But Egress (000) Door#", and "Log Only Denials Door#" functions.]

"Log All But Egress (000) Door#" bar codes are used to change the logging entry programmed in 8112:ACCESS so that the D8112A logs all events except "egress" (exits using a pushbutton or motion detector, logged as user "000") associated with the door specified at the time specified in the Sked.

[The Memory Logger can also be changed with other Skeds programmed with the "Log All Events Door#", "Log Only Entries Door#", and "Log Only Denials Door#" functions.]

"Log All But Egress (000) Door#"

Log All But Egress (000) DoorA 6A03

Log All But Egress (000) DoorB 6A13

Log All But Egress (000) DoorC 6A23

Log All But Egress (000) DoorD 6A33

"Log All But Egress (000) Door# XOH" bar codes are used to change the logging entry programmed in 8112: ACCESS so that the D8112A logs all events except "egress" (exits using a pushbutton or motion detector, logged as user "000") associated with the door specified at the time specified in the Sked, eXcept during programmed Holiday periods.

[The Memory Logger can also be changed with other Skeds programmed with the "Log All Events Door#", "Log Only Entries Door#", and "Log Only Denials Door#" functions.]

"Log All But Egress (000) Door# XOH"

Log All But Egress (000) DoorA XOH 586A03

Log All But Egress (000) DoorB XOH 586A13

Log All But Egress (000) DoorC XOH 586A23

Log All But Egress (000) DoorD XOH 586A33

"Log All But Egress (000) Door# OOH" bar codes are used to change the logging entry programmed in 8112:ACCESS so that the D8112A logs all events except "egress" (exits using a pushbutton or motion detector, logged as user "000") associated with the door specified at the time specified in the Sked, ONLY during programmed Holiday periods.

[The Memory Logger can also be changed with other Skeds programmed with the "Log All Events Door#", "Log Only Entries Door#", and "Log Only Denials Door#" functions.]

"Log All But Egress (000) Door# OOH"

Log All But Egress (000) DoorA OOH 506A03

Log All But Egress (000) DoorB OOH 506A13

Log All But Egress (000) DoorC OOH 506A23

Log All But Egress (000) DoorD OOH 506A33

"Tone" Bar Code

Tone FE

8.3.10 ***Tone*** — This function bar code causes a "watch tone" to sound at the Alpha II Command Center. The Tone can be used for a variety of applications: It can be programmed to trigger when zones are shunted or unshunted, during the opening or closing periods, when relays are turned on or off, etc.

"Clear Function" Bar Code

Clear Function

8.3.11 ***Clear Function*** — This bar code is used to clear a function code from a Sked when that function is no longer desired. Scan this bar code to remove the function from the Sked.

8.4 Do's and Don'ts of Programming Skeds

DO: Use a time of 23:59 if you want a Sked to be done at the end of the day (just before midnight). Use a time of 00:01 if you want a Sked to be done at the start of the day (just after midnight).

***DON'T** use a time of 00:00.*

DO: Remember that Skeds runs based on the clock inside the D8112. COMMAND 45 and COMMAND 46 can change the time and date on the D8112's clock.

Remember, when using the Remote Account Manager, *set the time before hanging up.*

***DON'T** forget to check the time and date in the D8112's clock before leaving the installation.*

DO: Remember that Skeds does not work while the backlight is on at the Alpha II Command Center. This is to safeguard against timing errors caused when you make adjustments using COMMAND 52, COMMAND 45, or COMMAND 46. *If the backlight is on for less than seventy (70) minutes,* the Skeds that were scheduled to run will "catch up" and be done after the backlight goes out.

***DON'T** forget that if the backlight on the Alpha II is on for more than seventy (70) minutes, Skeds which were scheduled to run during that time will be skipped over.*

DO: Remember that if Skeds turns a relay on (or off) you can still change the state of the relay using COMMAND 54.

8.5 Function Code Verification List

This section lists the hexadecimal code entered into the D5100 programmer when a Function Bar Code is scanned in response to the Sked Function prompt in 8112:Skeds. DO NOT ATTEMPT TO PROGRAM SKED FUNCTIONS USING THESE CHARACTERS. *Only the Function **Bar** Codes can be used to enter the Skeds functions; entering the function characters does not enable the function.*

CODE	TITLE	CODE	TITLE
1A	Relay 1 ON	581A	Relay 1 ON, XOH
1B	Relay 2 ON	581B	Relay 2 ON, XOH
1C	Relay 3 ON	581C	Relay 3 ON, XOH
1D	Relay 4 ON	581D	Relay 4 ON, XOH
1E	Relay 5 ON	581E	Relay 5 ON, XOH
1F	Relay 6 ON	581F	Relay 6 ON, XOH
10	All Relays OFF	5810	All Relays OFF, XOH
11	Relay 1 OFF	5811	Relay 1 OFF, XOH
12	Relay 2 OFF	5812	Relay 2 OFF, XOH
13	Relay 3 OFF	5813	Relay 3 OFF, XOH
14	Relay 4 OFF	5814	Relay 4 OFF, XOH
15	Relay 5 OFF	5815	Relay 5 OFF, XOH
16	Relay 6 OFF	5816	Relay 6 OFF, XOH
17	Relay 7 OFF	5817	Relay 7 OFF, XOH
18	Relay 8 OFF	5818	Relay 8 OFF, XOH
19	All Relays ON	5819	All Relays ON, XOH
20	Relay 7 ON	5820	Relay 7 ON, XOH
21	Relay 8 ON	5821	Relay 8 ON, XOH
31	End Holiday Period		
39	Begin Holiday Period		
FE	Tone		
11A	If Armed, Relay 1 ON	211	If Disarmed, Relay 1 OFF
11B	If Armed, Relay 2 ON	212	If Disarmed, Relay 2 OFF
11C	If Armed, Relay 3 ON	213	If Disarmed, Relay 3 OFF
11D	If Armed, Relay 4 ON	214	If Disarmed, Relay 4 OFF
11E	If Armed, Relay 5 ON	215	If Disarmed, Relay 5 OFF
11F	If Armed, Relay 6 ON	216	If Disarmed, Relay 6 OFF
120	If Armed, Relay 7 ON	217	If Disarmed, Relay 7 OFF
121	If Armed, Relay 8 ON	218	If Disarmed, Relay 8 OFF
301	Zone 1 Shunt	20301	Zone 1 Shunt, If Disarmed
302	Zone 2 Shunt	20302	Zone 2 Shunt, If Disarmed
303	Zone 3 Shunt	20303	Zone 3 Shunt, If Disarmed
304	Zone 4 Shunt	20304	Zone 4 Shunt, If Disarmed
305	Zone 5 Shunt	20305	Zone 5 Shunt, If Disarmed
306	Zone 6 Shunt	20306	Zone 6 Shunt, If Disarmed
307	Zone 7 Shunt	20307	Zone 7 Shunt, If Disarmed
308	Zone 8 Shunt	20308	Zone 8 Shunt, If Disarmed
401	Zone 1 Unshunt	5801FE	If Armed, Tone, XOH
402	Zone 2 Unshunt	5802FE	If Disarmed, Tone, XOH
403	Zone 3 Unshunt		
404	Zone 4 Unshunt	FE580A00	End Closing Period, Tone, XOH
405	Zone 5 Unshunt	FE580B00	Begin Closing Period, Tone XOH
406	Zone 6 Unshunt	FE580800	End Opening Period, Tone, XOH
407	Zone 7 Unshunt	FE580900	Begin Opening Period, Tone, XOH
408	Zone 8 Unshunt	5801FE050E	If Armed, Tone, Send, Tbl E, XOH
		5802FE050E	If Disarmed, Tone, Send Tbl E, XOH

10C010E01	If Armed, Combo 1 OFF
10C020E02	If Armed, Combo 2 OFF
10C030E03	If Armed, Combo 3 OFF
10C040E04	If Armed, Combo 4 OFF
10C050E05	If Armed, Combo 5 OFF
10C060E06	If Armed, Combo 6 OFF
10C070E07	If Armed, Combo 7 OFF
10C080E08	If Armed, Combo 8 OFF
10C090E09	If Armed, Combo 91 OFF
10C0A0E0A	If Armed, Combo 92 OFF
10C0B0E0B	If Armed, Combo 93 OFF
10C0C0E0C	If Armed, Combo 94 OFF
10C0D0E0D	If Armed, Combo 95 OFF
10C0E0E0E	If Armed, Combo 96 OFF

20D010F01	If Disarmed, Combo 1 ON
20D020F02	If Disarmed, Combo 2 ON
20D030F03	If Disarmed, Combo 3 ON
20D040F04	If Disarmed, Combo 4 ON
20D050F05	If Disarmed, Combo 5 ON
20D060F06	If Disarmed, Combo 6 ON
20D070F07	If Disarmed, Combo 7 ON
20D080F08	If Disarmed, Combo 8 ON
20D090F09	If Disarmed, Combo 91 ON
20D0A0F0A	If Disarmed, Combo 92 ON
20D0B0F0B	If Disarmed, Combo 93 ON
20D0C0F0C	If Disarmed, Combo 94 ON
20D0D0F0D	If Disarmed, Combo 95 ON
20D0E0F0E	If Disarmed, Combo 1 ON

160006400	If Armed, Alarm Reports 1-8 ON
160016401	If Armed, Alarm Report 1 ON
160026402	If Armed, Alarm Report 2 ON
160036403	If Armed, Alarm Report 3 ON
160046404	If Armed, Alarm Report 4 ON
160056405	If Armed, Alarm Report 5 ON
160066406	If Armed, Alarm Report 6 ON
160076407	If Armed, Alarm Report 7 ON
160086408	If Armed, Alarm Report 8 ON

260006400	If Disarmed, Alarm Reports 1-8 ON
260016401	If Disarmed, Alarm Report 1 ON
260026402	If Disarmed, Alarm Report 2 ON
260036403	If Disarmed, Alarm Report 3 ON
260046404	If Disarmed, Alarm Report 4 ON
260056405	If Disarmed, Alarm Report 5 ON
260066406	If Disarmed, Alarm Report 6 ON
260076407	If Disarmed, Alarm Report 7 ON
260086408	If Disarmed, Alarm Report 8 ON

161006500	If Armed, Alarm Reports 1-8 OFF
161016501	If Armed, Alarm Report 1 OFF
161026502	If Armed, Alarm Report 2 OFF
161036503	If Armed, Alarm Report 3 OFF
161046504	If Armed, Alarm Report 4 OFF
161056505	If Armed, Alarm Report 5 OFF
161066506	If Armed, Alarm Report 6 OFF
161076507	If Armed, Alarm Report 7 OFF
161086508	If Armed, Alarm Report 8 OFF

261006500	If Disarmed, Alarm Reports 1-8 OFF
261016501	If Disarmed, Alarm Report 1 OFF
261026502	If Disarmed, Alarm Report 2 OFF
261036503	If Disarmed, Alarm Report 3 OFF
261046504	If Disarmed, Alarm Report 4 OFF
261056505	If Disarmed, Alarm Report 5 OFF
261066506	If Disarmed, Alarm Report 6 OFF
261076507	If Disarmed, Alarm Report 7 OFF
261086508	If Disarmed, Alarm Report 8 OFF

500C010E01	Combo 1 OFF, OOH
500C020E02	Combo 2 OFF, OOH
500C030E03	Combo 3 OFF, OOH
500C040E04	Combo 4 OFF, OOH
500C050E05	Combo 5 OFF, OOH
500C060E06	Combo 6 OFF, OOH
500C070E07	Combo 7 OFF, OOH
500C080E08	Combo 8 OFF, OOH
500C090E09	Combo 91 OFF, OOH
500C0A0E0A	Combo 92 OFF, OOH
500C0B0E0B	Combo 93 OFF, OOH
500C0C0E0C	Combo 94 OFF, OOH
500C0D0E0D	Combo 95 OFF, OOH
500C0E0E0E	Combo 96 OFF, OOH

500D010F01	Combo 1 ON, OOH
500D020F02	Combo 2 ON, OOH
500D030F03	Combo 3 ON, OOH
500D040F04	Combo 4 ON, OOH
500D050F05	Combo 5 ON, OOH
500D060F06	Combo 6 ON, OOH
500D070F07	Combo 7 ON, OOH
500D080F08	Combo 8 ON, OOH
500D090F09	Combo 91 ON, OOH
500D0A0F0A	Combo 92 ON, OOH
500D0B0F0B	Combo 93 ON, OOH
500D0C0F0C	Combo 94 ON, OOH
500D0D0F0D	Combo 95 ON, OOH
500D0E0F0E	Combo 96 ON, OOH

580C010E01	Combo 1 OFF, XOH
580C020E02	Combo 2 OFF, XOH
580C030E03	Combo 3 OFF, XOH
580C040E04	Combo 4 OFF, XOH
580C050E05	Combo 5 OFF, XOH
580C060E06	Combo 6 OFF, XOH
580C070E07	Combo 7 OFF, XOH
580C080E08	Combo 8 OFF, XOH
580C090E09	Combo 91 OFF, XOH
580C0A0E0A	Combo 92 OFF, XOH
580C0B0E0B	Combo 93 OFF, XOH
580C0C0E0C	Combo 94 OFF, XOH
580C0D0E0D	Combo 95 OFF, XOH
580C0E0E0E	Combo 96 OFF, XOH

580D010F01	Combo 1 ON, XOH
580D020F02	Combo 2 ON, XOH
580D030F03	Combo 3 ON, XOH
580D040F04	Combo 4 ON, XOH
580D050F05	Combo 5 ON, XOH
580D060F06	Combo 6 ON, XOH
580D070F07	Combo 7 ON, XOH
580D080F08	Combo 8 ON, XOH
580D090F09	Combo 91 ON, XOH
580D0A0F0A	Combo 92 ON, XOH
580D0B0F0B	Combo 93 ON, XOH
580D0C0F0C	Combo 94 ON, XOH
580D0D0F0D	Combo 95 ON, XOH
580D0E0F0E	Combo 96 ON, XOH

D8112A ACCESS CONTROL SYSTEM FUNCTION CODES

6C	Turn Level 1 OFF
6D	Turn Level 2 OFF
6E	Turn Level 3 OFF
6F	Turn Level 4 OFF
70	Turn Level 5 OFF
71	Turn Level 6 OFF
72	Turn Level 7 OFF
73	Turn Level 1 ON
74	Turn Level 2 ON
75	Turn Level 3 ON
76	Turn Level 4 ON
77	Turn Level 5 ON
78	Turn Level 6 ON
79	Turn Level 7 ON
7A	Hold Open DoorA
7B	Hold Open DoorB
7C	Hold Open DoorC
7D	Hold Open DoorD
7E	Normal Operation DoorA
7F	Normal Operation DoorB
80	Normal Operation DoorC
81	Normal Operation DoorD
17A	If Armed, Hold Open DoorA
17B	If Armed, Hold Open DoorB
17C	If Armed, Hold Open DoorC
17D	If Armed, Hold Open DoorD
17E	If Armed, Normal Op DoorA
17F	If Armed, Normal Op DoorB
180	If Armed, Normal Op DoorC
181	If Armed, Normal Op DoorD
27A	If Disarmed, Hold Open DoorA
27B	If Disarmed, Hold Open DoorB
27C	If Disarmed, Hold Open DoorC
27D	If Disarmed, Hold Open DoorD
27E	If Disarmed, Normal Op DoorA
27F	If Disarmed, Normal Op DoorB
280	If Disarmed, Normal Op DoorC
281	If Disarmed, Normal Op DoorD

506C	Turn Level 1 OFF OOH
506D	Turn Level 2 OFF OOH
506E	Turn Level 3 OFF OOH
506F	Turn Level 4 OFF OOH
5070	Turn Level 5 OFF OOH
5071	Turn Level 6 OFF OOH
5072	Turn Level 7 OFF OOH
5073	Turn Level 1 ON OOH
5074	Turn Level 2 ON OOH
5075	Turn Level 3 ON OOH
5076	Turn Level 4 ON OOH
5077	Turn Level 5 ON OOH
5078	Turn Level 6 ON OOH
5079	Turn Level 7 ON OOH
507A	Hold Open DoorA OOH
507B	Hold Open DoorB OOH
507C	Hold Open DoorC OOH
507D	Hold Open DoorD OOH
507E	Normal Operation DoorA OOH
507F	Normal Operation DoorB OOH
5080	Normal Operation DoorC OOH
5081	Normal Operation DoorD OOH
586C	Turn Level 1 OFF XOH
586D	Turn Level 2 OFF XOH
586E	Turn Level 3 OFF XOH
586F	Turn Level 4 OFF XOH
5870	Turn Level 5 OFF XOH
5871	Turn Level 6 OFF XOH
5872	Turn Level 7 OFF XOH
5873	Turn Level 1 ON XOH
5874	Turn Level 2 ON XOH
5875	Turn Level 3 ON XOH
5876	Turn Level 4 ON XOH
5877	Turn Level 5 ON XOH
5878	Turn Level 6 ON XOH
5879	Turn Level 7 ON XOH

D8112A ACCESS CONTROL SYSTEM FUNCTION CODES (...continued)

587A	Hold Open DoorA XOH
587B	Hold Open DoorB XOH
587C	Hold Open DoorC XOH
587D	Hold Open DoorD XOH
587E	Normal Operation DoorA XOH
587F	Normal Operation DoorB XOH
5880	Normal Operation DoorC XOH
5881	Normal Operation DoorD XOH
6A00	Log All Events DoorA
6A01	Log Only Denials DoorA
6A02	Log Only Entries DoorA
6A03	Log All But Egress (000) DoorA
6A10	Log All Events DoorB
6A11	Log Only Denials DoorB
6A12	Log Only Entries DoorB
6A13	Log All But Egress (000) DoorB
6A20	Log All Events DoorC
6A21	Log Only Denials DoorC
6A22	Log Only Entries DoorC
6A23	Log All But Egress (000) DoorC
6A30	Log All Events DoorD
6A31	Log Only Denials DoorD
6A32	Log Only Entries DoorD
6A33	Log All But Egress (000) DoorD
82FF	Turn All Levels OFF
8200	Turn All Levels ON
506A00	Log All Events DoorA OOH
506A01	Log Only Denials DoorA OOH
506A02	Log Only Entries DoorA OOH
506A03	Log All But Egress DoorA OOH
506A10	Log All Events DoorB OOH
506A11	Log Only Denials DoorB OOH
506A12	Log Only Entries DoorB OOH
506A13	Log All But Egress DoorB OOH
506A20	Log All Events DoorC OOH
506A21	Log Only Denials DoorC OOH
506A22	Log Only Entries DoorC OOH
506A23	Log All But Egress DoorC OOH
506A30	Log All Events DoorD OOH
506A31	Log Only Denials DoorD OOH
506A32	Log Only Entries DoorD OOH
506A33	Log All But Egress DoorD OOH
5082FF	Turn All Levels OFF OOH
508200	Turn All Levels ON OOH
586A00	Log All Events DoorA XOH
586A01	Log Only Denials DoorA XOH
586A02	Log Only Entries DoorA XOH
586A03	Log All But Egress (000) DoorA XOH
586A10	Log All Events DoorB XOH
586A11	Log Only Denials DoorB XOH
586A12	Log Only Entries DoorB XOH
586A13	Log All But Egress (000) DoorB XOH
586A20	Log All Events DoorC XOH
586A21	Log Only Denials DoorC XOH
586A22	Log Only Entries DoorC XOH
586A23	Log All But Egress (000) DoorC XOH
586A30	Log All Events DoorD XOH
586A31	Log Only Denials DoorD XOH
586A32	Log Only Entries DoorD XOH
586A33	Log All But Egress (000) DoorD XOH
5882FF	Turn All Levels OFF XOH
588200	Turn All Levels ON XOH
17A7B7C7D	If Armed, Hold Open Door ABCD
17E7F8081	If Armed, Normal Op Door ABCD
27A7B7C7D	If Disarmed, Hold Open Door ABCD
27E7F8081	If Disarmed, Normal Op DoorABCD

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