

# **NX2192 PINPOINT SYSTEM**

## **INSTALLATION MANUAL**

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## 1. GENERAL DESCRIPTION

The NX2192 is a microprocessor-controlled point ID bus interface module for the NX8E control panel. The PinPoint System provides two-wire bidirectional communications with up to 255 individually addressed devices. The total number of devices in a system is limited by the I/O capability of the panel. The NX8E can support a maximum of 192 zones mapped to 192 input device addresses and an additional 48 addresses for output devices. Warranty information is provided in the Interlogix product catalog.

## 2. INSTALLING THE PINPOINT SYSTEM

The NX2192 is installed in the NX8E control panel enclosure. Three loop outputs are provided for interface with the point ID devices. A single loop output can support the full 255 point ID devices as long as the wire run limits are not exceeded. The total number of devices can be distributed across the three loop outputs to meet wire run limit requirements.

## 3. DEVICE ADDRESS CONFIGURATION

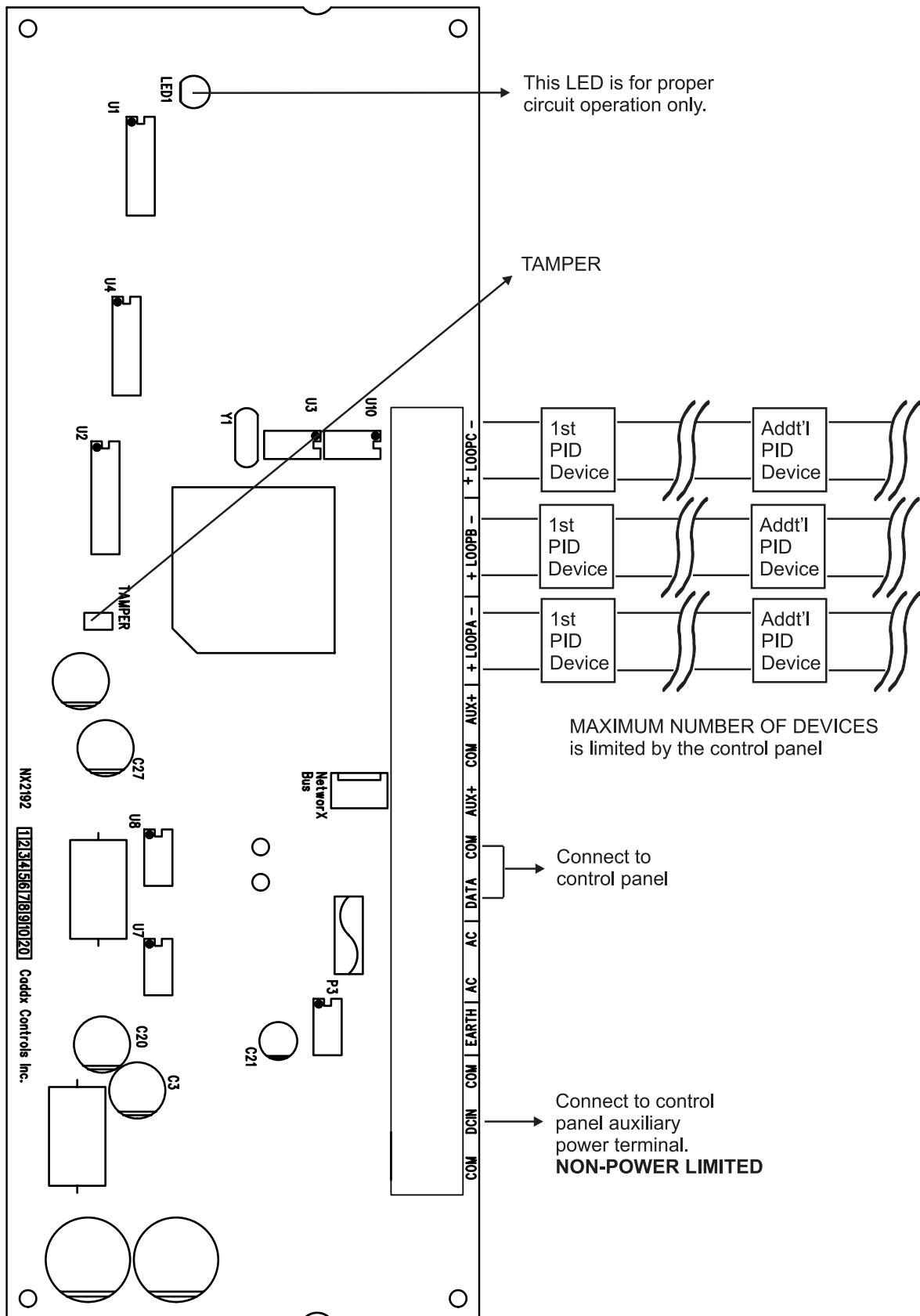
Each device on the PinPoint System must be configured for a unique address with the range of 0 through 254. Address 255 is reserved. Setting the address switches at the time that each device is installed will determine the address selection. Please refer to the worksheet in Appendix1 on page 47.

## 4. TERMINAL DESCRIPTIONS

TERMINAL	DESCRIPTION
<b>COM</b>	Supply Common terminal.
<b>DC IN</b>	DC supply terminal for powering the NX2192.
<b>COM</b>	Common terminal.
<b>EARTH</b>	Earth Ground.
<b>AC</b>	AC Input. Connect to a 16.5V 25, 40, or 50VA Class II UL approved transformer. *
<b>AC</b>	AC Input. Connect to a 16.5V 25, 40, or 50VA Class II UL approved transformer. *
<b>DATA</b>	Connect to the NX8 / NX8E control panel <b>DATA</b> terminal. This terminal is the <b>incoming</b> data-signaling terminal to the NX2192. The maximum total wire run from the control panel to all devices including the NX2192 is 2500 feet. ● <b>WARNING:</b> This terminal is not protected from damage by mis-connection. Observe caution when connecting.
<b>COM</b>	Connect to the NX8 / NX8E control panel <b>COMMON</b> terminal. This terminal supplies the common side of the power to the NX2192.
<b>AUX+</b>	Not used at this time.
<b>COM</b>	Supply Common terminal.
<b>AUX+</b>	Not used at this time.
<b>LOOPA+</b>	Loop A Point ID bus supply terminal.
<b>LOOPA-</b>	Loop A Point ID bus return terminal.
<b>LOOPB+</b>	Loop B Point ID bus supply terminal.
<b>LOOPB-</b>	Loop B Point ID bus return terminal.
<b>LOOPC+</b>	Loop C Point ID bus supply terminal.
<b>LOOPC-</b>	Loop C Point ID bus return terminal.

\* For UL certified installations, the NX2192 must be powered by the NX8E control panel.

## 5. WIRING DIAGRAM



## 6. MAXIMUM NUMBER OF DEVICES PER WIRE RUN

The number of devices on an individual wire run must not exceed the number listed in the following table. If a star configuration is used, the total wire length must not exceed 10000 feet per loop output.

**Table 6-1**

Wire Gauge	Length in Feet				
	1000	2500	5000	7500	10000
22AWG	170	20	--	--	--
18AWG	255	170	45	5	--
16AWG	255	255	120	55	20
14AWG	255	255	240	135	80

## 7. ENROLLING THE PINPOINT SYSTEM

The NX8E has the ability to automatically find and store in its memory the presence of all keypads, zone expanders, wireless receivers and any other modules connected to the data terminal. This allows these modules to be supervised by the control panel. To enroll the modules enter the Program Mode of the NX8E control panel, and when the Program Mode is exited, it will automatically enroll the devices. The enrolling process takes about 12 seconds, during which time the "Service" LED will illuminate. User codes will not be accepted during the enrolling process. Once a module is enrolled, if it is not detected by the control, the "Service" LED will illuminate.

## 8. PROGRAMMING THE NX2192

- To enter the program mode, press **[\*]-[8]**. All of the function key LEDs will begin to flash.
- Enter the "Go To Program" code (default is **[9]-[7]-[1]-[3]**). If the code was valid, the Service LED will flash, and the function LEDs will illuminate steady, indicating the device to program should be entered.
- Press **[4]-[4]-[#]** for the fixed address of the PinPoint module. The Armed LED will illuminate while it is waiting for a programming location to be entered.
- Enter the desired programming location. The Armed LED will begin to flash while a programming location is being entered.
- Press **[#]**. If this is a valid location, the Armed LED will extinguish, the Ready LED will illuminate, and the binary data for the first segment of this location will be shown on the zone LEDs.
- To change the data, enter the data followed by **[\*]**. The data will be entered, and the location will automatically increment to the next segment. The data for that segment will be displayed. This procedure is repeated until the last segment is reached. Pressing the **[#]** key will exit from this location. To review the data, repeat the above procedure, pressing the **[\*]** key without entering data first. Each time the **[\*]** key is pressed the next segment is displayed.

Programming data is always one of two types of data. The first type is numerical, and can take on values from 0-255 or 0-15 depending on the segment size. The second type is a feature selection type. Feature selection data is used to turn features on or off. **LCD Keypad Users Note:** All steps required for programming are the same as the aforementioned LED keypad. The LCD keypad display will prompt you for the data required. While in the programming mode, and not in a location, the number in parenthesis is the location you were previously changing. For example, if the display reads "Enter location, then # (5)", it is reminding you that location 5 was the last location you programmed. In feature selection data, the numbers of the enabled features will be displayed. However, the features not enabled will display a hyphen (-).

## 9. PROGRAMMING SEQUENCE EXAMPLE

The following example assumes the installation of a single input module on the bus as address number 5, with its input mapped to zone number 9:

- Enter system program mode on the NX2192 as previously described.
- Select the configuration location for zone number 9 by entering [9] [#].
- Input for segment 1 is requested. Select the device address of 5 (binary) by entering [2]-[4]-[5]-[6]-[7]-[8] so that the sequence of (1\_3\_\_\_\_\_) is displayed.
- Press [\*] [#] to exit this location.
- Select the PinPoint program mode location by entering [0] [#].
- Input for segment 1 is requested. Enable PinPoint program mode by entering [1] [\*].
- Wait for the keypad to sound a ding-dong. Press [EXIT] [EXIT] to exit the system program mode.
- Refer to Location 0 description for troubleshooting if the keypad does not ding-dong after PinPoint program mode is complete.

## 10. PROGRAMMING LOCATION GUIDE

LOCATION 0	POINT ID PROGRAM MODE DESIGNATION	1 segment of numerical data
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Location 0 is used to communicate to the PID bus interface to enter PID Program Mode by entering a [1] in this location. While in this mode, all nodes able to communicate will be enabled and mapped to pre-programmed zones. With this in mind, prior to entering PID program mode, all zones must be either programmed with a serial number (for devices without a dip switch) or a physical address (for devices with a dip switch). If programming is a success and no errors were reported, a "0" will automatically be written into this location and the keypad will sound a ding-dong. Otherwise, the number of errors will be written and the keypad will sound a triple beep, indicating that errors were found. If errors were found, zone locations may then be examined to determine the type of error that occurred.

-  **NOTE:** If the 8 on-board zones are enabled, then zones 1-8 are already used and may not have a PID address mapped to them. If zone doubling is enabled, then zones 1-16 are already used and may not have a PID address mapped to them.

LOCATIONS 1 – 192	PROGRAMMING NODE INFORMATION ZONES 1 - 192	3 segments of binary data
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**Segment 1** is used to store the **physical address** of the corresponding node. Factory default is 255. Whether or not the device has a dip switch, this location is programmed by the installer prior to entering PID Program Mode. This segment can also be used as an indicator that the corresponding node had an error during the last PID Program Mode cycle, because any error causes this segment to be defaulted to address **255**.

**Segment 2** is used to store the **input number** for multiple input/output devices. Factory default is **1**.

**Segment 3** is used to display an **error code** if an error(s) occurred during the last PID program mode cycle. The following table provides a description of the types of errors that may occur:

**Table 10-1**

ERROR CODE	DESCRIPTION
1	Node is missing.
2	Multiple node responded.
3	Communication error.
4	Device type mismatch.
5	Auto enroll error.
6	Reserved.
7	Reserved.
8	Zone programmed but node not enabled.

LOCATION 193	DEVICE OPTIONS	1 segment of feature selection data
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**Segment 1** selects the following options:

- 1 = Reserved.
- 2 = "On" if Loop A should be enabled; "Off" if disabled.
- 3 = "On" if Loop B should be enabled; "Off" if disabled.
- 4 = "On" if Loop C should be enabled; "Off" if disabled.
- 5 = Reserved. Must be "Off".
- 6 = "On" if the NX2192 is powered from AUX + terminals of the control panel. Turning this option "On" disables NX2192 power monitoring.
- 7 = "On" if any AC Fail condition should be communicated to the central monitoring station. Option 6 overrides this condition occurring on the NX2192, but not individual nodes.
- 8 = "On" if any Low Battery condition should be communicated to the central monitoring station. Option 6 overrides this condition occurring on the NX2192, but not individual nodes.

LOCATIONS 194 - 241	NODE INFORMATION FOR OUTPUTS 1 - 48	3 segments of binary data
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**Segment 1** is used to store the **physical address** of the corresponding node. Whether or not the device has a dip switch, this location is programmed by the installer prior to entering PID Program Mode. This segment can also be used as an indicator that the corresponding node had an error during the last PID Program Mode cycle, because any error causes this segment to be defaulted to address **255**.

**Segment 2** is used to store the **output number** for multiple input/output devices. Default is **1**.

**Segment 3** is used to display an **error code** if an error or errors occurred during the last PID Program Mode cycle. In the following Table 2.1, a description of the types of errors that may occur and the bit in the error code associated with the error is outlined.

**Table 10-2**

ERROR CODE	DESCRIPTION
1	Node is missing.
2	Multiple node responded.
3	Communication error.
4	Device type mismatch.
5	Auto enroll error.
6	Reserved.
7	Output programmed to non-output device.
8	Output programmed but node not enabled.

LOCATION 242 – 336 (EVEN LOC)	EVENT & TIME FOR OUTPUTS 1 - 48	2 segments of numerical data
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**Segment 1** is used to select the particular event that will trigger the output. Refer to Table 10-3 for the specific events that can be selected.

**Segment 2** is used to select the amount of time an output will remain activated when an output triggers. If this location is programmed as a zero, the output will follow the particular event.

**Table 10-3**

#	Event	#	Event	#	Event
<b>0</b>	Always On	<b>11</b>	Smoke Power Reset	<b>22</b>	Disarmed
<b>1</b>	AC Fail (control or exp.) does not follow AC Fail delay time	<b>12</b>	Yelping Siren	<b>23</b>	Ready to Arm
<b>2</b>	Low Battery (control or exp.)	<b>13</b>	Steady Siren	<b>24</b>	Not Ready to Arm
<b>3</b>	Dynamic Battery Test Time	<b>14</b>	Any Siren	<b>25</b>	Fire
<b>4</b>	Listen In	<b>15</b>	Steady Siren (temporal)	<b>26</b>	Fire Trouble
<b>5</b>	Line Seizure	<b>16</b>	Any Siren (temporal)	<b>27</b>	Chime
<b>6</b>	Telephone Line Fault	<b>17</b>	Alarm Memory	<b>28</b>	Beeping Keypad
<b>7</b>	Program Mode	<b>18</b>	Entry	<b>29◆</b>	Aux 1 Keypad Function
<b>8</b>	Over-current (control or exp.)	<b>19</b>	Exit	<b>30◆</b>	Aux 2 Keypad Function
<b>9</b>	Box Tamper (control or exp.)	<b>20</b>	Entry or Exit	<b>31◆</b>	Panic Keypad Function
<b>10</b>	Siren Tamper (control or exp.)	<b>21</b>	Armed	<b>32◆</b>	Code Entry (set in locs 338 - 481)

♦ If set to follow condition, these events will be one second.

LOCATION 243 – 337 (ODD LOC)	SPECIAL FEATURES FOR OUTPUTS 1 - 48	2 segments of feature selection data
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**Segment 1** selects the following special conditions:

- 1 = "On" if output should time in minutes; "Off" if output times in seconds.
- 2 = "On" if output should latch until a code is entered; "Off" for timed.
- 3 = "On" if output should stop time when a code is entered.
- 4 = "On" for inverted output.
- 5 = "On" disables output during listen-in (only events 12-16).
- 6 = Reserved.
- 7 = Reserved.
- 8 = Reserved.

**Segment 2** selects the following partitions:

- 1 = "On" if the event should activate when it occurs in Partition 1.
- 2 = "On" if the event should activate when it occurs in Partition 2.
- 3 = "On" if the event should activate when it occurs in Partition 3.
- 4 = "On" if the event should activate when it occurs in Partition 4.
- 5 = "On" if the event should activate when it occurs in Partition 5.
- 6 = "On" if the event should activate when it occurs in Partition 6.
- 7 = "On" if the event should activate when it occurs in Partition 7.
- 8 = "On" if the event should activate when it occurs in Partition 8.

**Table 10-4**

**TABLE 10-4  
IS USED TO  
PROGRAM  
LOCATIONS  
338 - 481□**

LED	DESCRIPTION	OUTPUTS
1	"On" if code will activate output; "Off" if it will not.	1, 9, 17, 25, 33, 41
2	"On" if code will activate output; "Off" if it will not.	2, 10, 18, 26, 34, 42
3	"On" if code will activate output; "Off" if it will not.	3, 11, 19, 27, 35, 43
4	"On" if code will activate output; "Off" if it will not.	4, 12, 20, 28, 36, 44
5	"On" if code will activate output; "Off" if it will not.	5, 13, 21, 29, 37, 45
6	"On" if code will activate output; "Off" if it will not.	6, 14, 22, 30, 38, 46
7	"On" if code will activate output; "Off" if it will not.	7, 15, 23, 31, 39, 47
8	"On" if code will activate output; "Off" if it will not.	8, 16, 24, 32, 40, 48

LOCATIONS 338 - 361	CODES 1 – 240 OUTPUTS 1 – 8 ENABLE	10 segments of feature selection data
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When activating outputs with a user code (event #32), locations 338 - 361 can be used to restrict certain codes from activating certain outputs. Each location contains 10 segments. Location 338 / segment 1 corresponds to user 1; segment 10 corresponds to user 10; and finally location 361 / segment 1 corresponds to user 231; Segment 10 corresponds to user 240. The LEDs correspond to **outputs 1 - 8**. Refer to Table 10-4 for descriptions.

LOCATIONS 362 - 385	CODES 1 – 240 OUTPUTS 9 - 16 ENABLE	10 segments of feature selection data
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When activating outputs with a user code (event #32), locations 362 - 385 can be used to restrict certain codes from activating certain outputs. Each location contains 10 segments. Location 362 / segment 1 corresponds to user 1; segment 10 corresponds to user 10; and finally location 385 / segment 1 corresponds to user 231; Segment 10 corresponds to user 240. The LEDs correspond to **outputs 9 - 16**. Refer to Table 10-4 for descriptions.

LOCATIONS 386 - 409	CODES 1 – 240 OUTPUTS 17 - 24 ENABLE	10 segments of feature selection data
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When activating outputs with a user code (event #32), locations 386 - 409 can be used to restrict certain codes from activating certain outputs. Each location contains 10 segments. Location 386 / segment 1 corresponds to user 1; segment 10 corresponds to user 10; and finally location 409 / segment 1 corresponds to user 231; Segment 10 corresponds to user 240. The LEDs correspond to **outputs 17 - 24**. Refer to Table 10-4 for descriptions.

LOCATIONS 410 - 433	CODES 1 – 240 OUTPUTS 25 - 32 ENABLE	10 segments of feature selection data
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When activating outputs with a user code (event #32), locations 410 - 433 can be used to restrict certain codes from activating certain outputs. Each location contains 10 segments. Location 410 / segment 1 corresponds to user 1; segment 10 corresponds to user 10; and finally location 433 / segment 1 corresponds to user 231; Segment 10 corresponds to user 240. The LEDs correspond to **outputs 25 - 32**. Refer to Table 10-4 for descriptions.

LOCATIONS 434 - 457	CODES 1 – 240 OUTPUTS 33 - 40 ENABLE	10 segments of feature selection data
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When activating outputs with a user code (event #32), locations 434 - 457 can be used to restrict certain codes from activating certain outputs. Each location contains 10 segments. Location 434 / segment 1 corresponds to user 1; segment 10 corresponds to user 10; and finally location 457 / segment 1 corresponds to user 231; Segment 10 corresponds to user 240. The LEDs correspond to **outputs 33 - 40**. Refer to Table 10-4 for descriptions.

LOCATIONS 458 - 481	CODES 1 – 240 OUTPUTS 41 - 48 ENABLE	10 segments of feature selection data
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When activating outputs with a user code (event #32), locations 458 - 481 can be used to restrict certain codes from activating certain outputs. Each location contains 10 segments. Location 458 / segment 1 corresponds to user 1; segment 10 corresponds to user 10; and finally location 481 / segment 1 corresponds to user 231; Segment 10 corresponds to user 240. The LEDs correspond to **outputs 41 - 48**. Refer to Table 10-4 for descriptions.

## **IMPORTANT NOTES**

To program additional points after the Program Mode is exited:

1. Re-Enter the Program Mode using the instructions in Section 8, page 4 of this manual.
2. Enter Location 0 and press [1] to initialize the “Program Mode Designation”
3. Program the desired location(s).

## **SYSTEM NOTES**

## 11. NetworX NX2192 Programming Worksheets

(Defaults are printed in ***bold italics*** text.)

LOC	PAGE	DESCRIPTION			
0	5	PROGRAM MODE DESIGNATION (Must be set to [1] in order to 'learn' points)			
LOC	PAGE	PROGRAMMING NODE INFORMATION FOR ZONES 1 - 192			
		Segment #1 Physical address	Segment #2 Input number	Segment #3 Error code	Notes
1	5	<b>12345678</b>	1_____	—	
2	5	<b>12345678</b>	1_____	—	
3	5	<b>12345678</b>	1_____	—	
4	5	<b>12345678</b>	1_____	—	
5	5	<b>12345678</b>	1_____	—	
6	5	<b>12345678</b>	1_____	—	
7	5	<b>12345678</b>	1_____	—	
8	5	<b>12345678</b>	1_____	—	
9	5	<b>12345678</b>	1_____	—	
10	5	<b>12345678</b>	1_____	—	
11	5	<b>12345678</b>	1_____	—	
12	5	<b>12345678</b>	1_____	—	
13	5	<b>12345678</b>	1_____	—	
14	5	<b>12345678</b>	1_____	—	
15	5	<b>12345678</b>	1_____	—	
16	5	<b>12345678</b>	1_____	—	
17	5	<b>12345678</b>	1_____	—	
18	5	<b>12345678</b>	1_____	—	
19	5	<b>12345678</b>	1_____	—	
20	5	<b>12345678</b>	1_____	—	
21	5	<b>12345678</b>	1_____	—	
22	5	<b>12345678</b>	1_____	—	
23	5	<b>12345678</b>	1_____	—	
24	5	<b>12345678</b>	1_____	—	
25	5	<b>12345678</b>	1_____	—	
26	5	<b>12345678</b>	1_____	—	
27	5	<b>12345678</b>	1_____	—	
28	5	<b>12345678</b>	1_____	—	
29	5	<b>12345678</b>	1_____	—	
30	5	<b>12345678</b>	1_____	—	
31	5	<b>12345678</b>	1_____	—	
32	5	<b>12345678</b>	1_____	—	
33	5	<b>12345678</b>	1_____	—	
34	5	<b>12345678</b>	1_____	—	
35	5	<b>12345678</b>	1_____	—	

LOC	PAGE	PROGRAMMING NODE INFORMATION FOR ZONES 1 - 192			
		Segment #1 Physical address	Segment #2 Input number	Segment #3 Error code	Notes
36	5	12345678	1_____	—	
37	5	12345678	1_____	—	
38	5	12345678	1_____	—	
39	5	12345678	1_____	—	
40	5	12345678	1_____	—	
41	5	12345678	1_____	—	
42	5	12345678	1_____	—	
43	5	12345678	1_____	—	
44	5	12345678	1_____	—	
45	5	12345678	1_____	—	
46	5	12345678	1_____	—	
47	5	12345678	1_____	—	
48	5	12345678	1_____	—	
49	5	12345678	1_____	—	
50	5	12345678	1_____	—	
51	5	12345678	1_____	—	
52	5	12345678	1_____	—	
53	5	12345678	1_____	—	
54	5	12345678	1_____	—	
55	5	12345678	1_____	—	
56	5	12345678	1_____	—	
57	5	12345678	1_____	—	
58	5	12345678	1_____	—	
59	5	12345678	1_____	—	
60	5	12345678	1_____	—	
61	5	12345678	1_____	—	
62	5	12345678	1_____	—	
63	5	12345678	1_____	—	
64	5	12345678	1_____	—	
65	5	12345678	1_____	—	
66	5	12345678	1_____	—	
67	5	12345678	1_____	—	
68	5	12345678	1_____	—	
69	5	12345678	1_____	—	
70	5	12345678	1_____	—	
71	5	12345678	1_____	—	
72	5	12345678	1_____	—	
73	5	12345678	1_____	—	
74	5	12345678	1_____	—	
75	5	12345678	1_____	—	

LOC	PAGE	PROGRAMMING NODE INFORMATION FOR ZONES 1 - 192			
		Segment #1 Physical address	Segment #2 Input number	Segment #3 Error code	Notes
76	5	12345678	1_____	—	
77	5	12345678	1_____	—	
78	5	12345678	1_____	—	
79	5	12345678	1_____	—	
80	5	12345678	1_____	—	
81	5	12345678	1_____	—	
82	5	12345678	1_____	—	
83	5	12345678	1_____	—	
84	5	12345678	1_____	—	
85	5	12345678	1_____	—	
86	5	12345678	1_____	—	
87	5	12345678	1_____	—	
88	5	12345678	1_____	—	
89	5	12345678	1_____	—	
90	5	12345678	1_____	—	
91	5	12345678	1_____	—	
92	5	12345678	1_____	—	
93	5	12345678	1_____	—	
94	5	12345678	1_____	—	
95	5	12345678	1_____	—	
96	5	12345678	1_____	—	
97	5	12345678	1_____	—	
98	5	12345678	1_____	—	
99	5	12345678	1_____	—	
100	5	12345678	1_____	—	
101	5	12345678	1_____	—	
102	5	12345678	1_____	—	
103	5	12345678	1_____	—	
104	5	12345678	1_____	—	
105	5	12345678	1_____	—	
106	5	12345678	1_____	—	
107	5	12345678	1_____	—	
108	5	12345678	1_____	—	
109	5	12345678	1_____	—	
110	5	12345678	1_____	—	
111	5	12345678	1_____	—	
112	5	12345678	1_____	—	
113	5	12345678	1_____	—	
114	5	12345678	1_____	—	
115	5	12345678	1_____	—	

LOC	PAGE	PROGRAMMING NODE INFORMATION FOR ZONES 1 - 192			
		Segment #1 Physical address	Segment #2 Input number	Segment #3 Error code	Notes
116	5	12345678	1_____	-	
117	5	12345678	1_____	-	
118	5	12345678	1_____	-	
119	5	12345678	1_____	-	
120	5	12345678	1_____	-	
121	5	12345678	1_____	-	
122	5	12345678	1_____	-	
123	5	12345678	1_____	-	
124	5	12345678	1_____	-	
125	5	12345678	1_____	-	
126	5	12345678	1_____	-	
127	5	12345678	1_____	-	
128	5	12345678	1_____	-	
129	5	12345678	1_____	-	
130	5	12345678	1_____	-	
131	5	12345678	1_____	-	
132	5	12345678	1_____	-	
133	5	12345678	1_____	-	
134	5	12345678	1_____	-	
135	5	12345678	1_____	-	
136	5	12345678	1_____	-	
137	5	12345678	1_____	-	
138	5	12345678	1_____	-	
139	5	12345678	1_____	-	
140	5	12345678	1_____	-	
141	5	12345678	1_____	-	
142	5	12345678	1_____	-	
143	5	12345678	1_____	-	
144	5	12345678	1_____	-	
145	5	12345678	1_____	-	
146	5	12345678	1_____	-	
147	5	12345678	1_____	-	
148	5	12345678	1_____	-	
149	5	12345678	1_____	-	
150	5	12345678	1_____	-	
151	5	12345678	1_____	-	
152	5	12345678	1_____	-	
153	5	12345678	1_____	-	
154	5	12345678	1_____	-	
155	5	12345678	1_____	-	

LOC	PAGE	PROGRAMMING NODE INFORMATION FOR ZONES 1 - 192			
		Segment #1 Physical address	Segment #2 Input number	Segment #3 Error code	Notes
156	5	1 2 3 4 5 6 7 8	1 _____	-	
157	5	1 2 3 4 5 6 7 8	1 _____	-	
158	5	1 2 3 4 5 6 7 8	1 _____	-	
159	5	1 2 3 4 5 6 7 8	1 _____	-	
160	5	1 2 3 4 5 6 7 8	1 _____	-	
161	5	1 2 3 4 5 6 7 8	1 _____	-	
162	5	1 2 3 4 5 6 7 8	1 _____	-	
163	5	1 2 3 4 5 6 7 8	1 _____	-	
164	5	1 2 3 4 5 6 7 8	1 _____	-	
165	5	1 2 3 4 5 6 7 8	1 _____	-	
166	5	1 2 3 4 5 6 7 8	1 _____	-	
167	5	1 2 3 4 5 6 7 8	1 _____	-	
168	5	1 2 3 4 5 6 7 8	1 _____	-	
169	5	1 2 3 4 5 6 7 8	1 _____	-	
170	5	1 2 3 4 5 6 7 8	1 _____	-	
171	5	1 2 3 4 5 6 7 8	1 _____	-	
172	5	1 2 3 4 5 6 7 8	1 _____	-	
173	5	1 2 3 4 5 6 7 8	1 _____	-	
174	5	1 2 3 4 5 6 7 8	1 _____	-	
175	5	1 2 3 4 5 6 7 8	1 _____	-	
176	5	1 2 3 4 5 6 7 8	1 _____	-	
177	5	1 2 3 4 5 6 7 8	1 _____	-	
178	5	1 2 3 4 5 6 7 8	1 _____	-	
179	5	1 2 3 4 5 6 7 8	1 _____	-	
180	5	1 2 3 4 5 6 7 8	1 _____	-	
181	5	1 2 3 4 5 6 7 8	1 _____	-	
182	5	1 2 3 4 5 6 7 8	1 _____	-	
183	5	1 2 3 4 5 6 7 8	1 _____	-	
184	5	1 2 3 4 5 6 7 8	1 _____	-	
185	5	1 2 3 4 5 6 7 8	1 _____	-	
186	5	1 2 3 4 5 6 7 8	1 _____	-	
187	5	1 2 3 4 5 6 7 8	1 _____	-	
188	5	1 2 3 4 5 6 7 8	1 _____	-	
189	5	1 2 3 4 5 6 7 8	1 _____	-	
190	5	1 2 3 4 5 6 7 8	1 _____	-	
191	5	1 2 3 4 5 6 7 8	1 _____	-	
192	5	1 2 3 4 5 6 7 8	1 _____	-	

LOC	PAGE	DESCRIPTION
193	6	DEVICE OPTIONS
		1 = Reserved.
		2 = "On" if Loop A should be enabled; "Off" if disabled.
		3 = "On" if Loop B should be enabled; "Off" if disabled.
		4 = "On" if Loop C should be enabled; "Off" if disabled.
		5 = Reserved. Must be "Off".
		6 = "On" if the NX2192 is powered from AUX + terminals of the control panel. Turning this option "On" disables NX2192 power monitoring.
		7 = "On" if any AC Fail condition should be communicated to the central monitoring station. Option 6 overrides this condition occurring on the NX2192, but not individual nodes.
		8 = "On" if any Low Battery condition should be communicated to the central monitoring station. Option 6 overrides this condition occurring on the NX2192, but not individual nodes.

LOC	PAGE	PROGRAMMING NODE INFORMATION FOR OUTPUTS 1 - 48			
		Segment #1 Physical address	Segment #2 Output number	Segment #3 Error code	Notes
194	6	1 2 3 4 5 6 7 8	1 _____	—	
195	6	1 2 3 4 5 6 7 8	1 _____	—	
196	6	1 2 3 4 5 6 7 8	1 _____	—	
197	6	1 2 3 4 5 6 7 8	1 _____	—	
198	6	1 2 3 4 5 6 7 8	1 _____	—	
199	6	1 2 3 4 5 6 7 8	1 _____	—	
200	6	1 2 3 4 5 6 7 8	1 _____	—	
201	6	1 2 3 4 5 6 7 8	1 _____	—	
202	6	1 2 3 4 5 6 7 8	1 _____	—	
203	6	1 2 3 4 5 6 7 8	1 _____	—	
204	6	1 2 3 4 5 6 7 8	1 _____	—	
205	6	1 2 3 4 5 6 7 8	1 _____	—	
206	6	1 2 3 4 5 6 7 8	1 _____	—	
207	6	1 2 3 4 5 6 7 8	1 _____	—	
208	6	1 2 3 4 5 6 7 8	1 _____	—	
209	6	1 2 3 4 5 6 7 8	1 _____	—	
210	6	1 2 3 4 5 6 7 8	1 _____	—	
211	6	1 2 3 4 5 6 7 8	1 _____	—	
212	6	1 2 3 4 5 6 7 8	1 _____	—	
213	6	1 2 3 4 5 6 7 8	1 _____	—	
214	6	1 2 3 4 5 6 7 8	1 _____	—	
215	6	1 2 3 4 5 6 7 8	1 _____	—	
216	6	1 2 3 4 5 6 7 8	1 _____	—	
217	6	1 2 3 4 5 6 7 8	1 _____	—	
218	6	1 2 3 4 5 6 7 8	1 _____	—	
219	6	1 2 3 4 5 6 7 8	1 _____	—	
220	6	1 2 3 4 5 6 7 8	1 _____	—	
221	6	1 2 3 4 5 6 7 8	1 _____	—	
222	6	1 2 3 4 5 6 7 8	1 _____	—	

LOC	PAGE	PROGRAMMING NODE INFORMATION FOR OUTPUTS 1 - 48			
		Segment #1 Physical address	Segment #2 Output number	Segment #3 Error code	Notes
223	6	1 2 3 4 5 6 7 8	1 _____	—	
224	6	1 2 3 4 5 6 7 8	1 _____	—	
225	6	1 2 3 4 5 6 7 8	1 _____	—	
226	6	1 2 3 4 5 6 7 8	1 _____	—	
227	6	1 2 3 4 5 6 7 8	1 _____	—	
228	6	1 2 3 4 5 6 7 8	1 _____	—	
229	6	1 2 3 4 5 6 7 8	1 _____	—	
230	6	1 2 3 4 5 6 7 8	1 _____	—	
231	6	1 2 3 4 5 6 7 8	1 _____	—	
232	6	1 2 3 4 5 6 7 8	1 _____	—	
233	6	1 2 3 4 5 6 7 8	1 _____	—	
234	6	1 2 3 4 5 6 7 8	1 _____	—	
235	6	1 2 3 4 5 6 7 8	1 _____	—	
236	6	1 2 3 4 5 6 7 8	1 _____	—	
237	6	1 2 3 4 5 6 7 8	1 _____	—	
238	6	1 2 3 4 5 6 7 8	1 _____	—	
239	6	1 2 3 4 5 6 7 8	1 _____	—	
240	6	1 2 3 4 5 6 7 8	1 _____	—	
241	6	1 2 3 4 5 6 7 8	1 _____	—	

**USE THE FOLLOWING TABLE FOR EVEN NUMBERED LOCATIONS 242 – 336  
(EVENT/TIME)**

#	Event	#	Event
0	Always On	17	Alarm Memory
1	AC Fail (control or exp.) does not follow AC Fail delay time	18	Entry
2	Low Battery (control or exp.)	19	Exit
3	Dynamic Battery Test Time	20	Entry or Exit
4	Listen In	21	Armed
5	Line Seizure	22	Disarmed
6	Telephone Line Fault	23	Ready to Arm
7	Program Mode	24	Not Ready to Arm
8	Over-current (control or exp.)	25	Fire
9	Box Tamper (control or exp.)	26	Fire Trouble
10	Siren Tamper (control or exp.)	27	Chime
11	Smoke Power Reset	28	Beeping Keypad
12	Yelping Siren	29*	Aux 1 Keypad Function
13	Steady Siren	30*	Aux 2 Keypad Function
14	Any Siren	31*	Panic Keypad Function
15	Steady Siren (temporal)	32*	Code Entry (locs 338 - 481)
16	Any Siren (temporal)		

**USE THE FOLLOWING TABLE FOR ODD NUMBERED LOCATIONS 243 – 337  
(SPECIAL FEATURES)**

SEG 1	DESCRIPTION	SEG 2	DESCRIPTION
1 =	ON times in minutes OFF if times in seconds	1 =	On if event activates output in Partition 1
2 =	ON to latch until a code is entered; OFF for timed	2 =	On if event activates output in Partition 2
3 =	ON if output should stop time when a code is entered	3 =	On if event activates output in Partition 3
4 =	ON for inverted output	4 =	On if event activates output in Partition 4
5 =	ON disables output during listen-in (only events 12-16)	5 =	On if event activates output in Partition 5
6 =	Reserved	6 =	On if event activates output in Partition 6
7 =	Reserved	7 =	On if event activates output in Partition 7
8 =	Reserved	8 =	On if event activates output in Partition 8

LOC	PAGE	DESCRIPTION	SEG 1 DEFAULT	SEG 1 DATA	SEG 2 DEFAULT	SEG 2 DATA
242	6	EVENT / TIME – OUTPUT 1	0=Always On		0=Follow Evt	
243	7	FEATURES – OUTPUT 1			1 2 3 4 5 6 7 8	
244	6	EVENT / TIME – OUTPUT 2	0=Always On		0=Follow Evt	
245	7	FEATURES – OUTPUT 2			1 2 3 4 5 6 7 8	
246	6	EVENT / TIME – OUTPUT 3	0=Always On		0=Follow Evt	
247	7	FEATURES – OUTPUT 3			1 2 3 4 5 6 7 8	
248	6	EVENT / TIME – OUTPUT 4	0=Always On		0=Follow Evt	
249	7	FEATURES – OUTPUT 4			1 2 3 4 5 6 7 8	
250	6	EVENT / TIME – OUTPUT 5	0=Always On		0=Follow Evt	

LOC	PAGE	DESCRIPTION	SEG 1 DEFAULT	SEG 1 DATA	SEG 2 DEFAULT	SEG 2 DATA
251	7	FEATURES – OUTPUT 5	-----		1 2 3 4 5 6 7 8	
252	6	EVENT / TIME – OUTPUT 6	0=Always On		0=Follow Evt	
253	7	FEATURES – OUTPUT 6	-----		1 2 3 4 5 6 7 8	
254	6	EVENT / TIME – OUTPUT 7	0=Always On		0=Follow Evt	
255	7	FEATURES – OUTPUT 7	-----		1 2 3 4 5 6 7 8	
256	6	EVENT / TIME – OUTPUT 8	0=Always On		0=Follow Evt	
257	7	FEATURES – OUTPUT 8	-----		1 2 3 4 5 6 7 8	
258	6	EVENT / TIME – OUTPUT 9	0=Always On		0=Follow Evt	
259	7	FEATURES – OUTPUT 9	-----		1 2 3 4 5 6 7 8	
260	6	EVENT / TIME – OUTPUT 10	0=Always On		0=Follow Evt	
261	7	FEATURES – OUTPUT 10	-----		1 2 3 4 5 6 7 8	
262	6	EVENT / TIME – OUTPUT 11	0=Always On		0=Follow Evt	
263	7	FEATURES – OUTPUT 11	-----		1 2 3 4 5 6 7 8	
264	6	EVENT / TIME – OUTPUT 12	0=Always On		0=Follow Evt	
265	7	FEATURES – OUTPUT 12	-----		1 2 3 4 5 6 7 8	
266	6	EVENT / TIME – OUTPUT 13	0=Always On		0=Follow Evt	
267	7	FEATURES – OUTPUT 13	-----		1 2 3 4 5 6 7 8	
268	6	EVENT / TIME – OUTPUT 14	0=Always On		0=Follow Evt	
269	7	FEATURES – OUTPUT 14	-----		1 2 3 4 5 6 7 8	
270	6	EVENT / TIME – OUTPUT 15	0=Always On		0=Follow Evt	
271	7	FEATURES – OUTPUT 15	-----		1 2 3 4 5 6 7 8	
272	6	EVENT / TIME – OUTPUT 16	0=Always On		0=Follow Evt	
273	7	FEATURES – OUTPUT 16	-----		1 2 3 4 5 6 7 8	
274	6	EVENT / TIME – OUTPUT 17	0=Always On		0=Follow Evt	
275	7	FEATURES – OUTPUT 17	-----		1 2 3 4 5 6 7 8	
276	6	EVENT / TIME – OUTPUT 18	0=Always On		0=Follow Evt	
277	7	FEATURES – OUTPUT 18	-----		1 2 3 4 5 6 7 8	
278	6	EVENT / TIME – OUTPUT 19	0=Always On		0=Follow Evt	
279	7	FEATURES – OUTPUT 19	-----		1 2 3 4 5 6 7 8	
280	6	EVENT / TIME – OUTPUT 20	0=Always On		0=Follow Evt	
281	7	FEATURES – OUTPUT 20	-----		1 2 3 4 5 6 7 8	
282	6	EVENT / TIME – OUTPUT 21	0=Always On		0=Follow Evt	
283	7	FEATURES – OUTPUT 21	-----		1 2 3 4 5 6 7 8	
284	6	EVENT / TIME – OUTPUT 22	0=Always On		0=Follow Evt	
285	7	FEATURES – OUTPUT 22	-----		1 2 3 4 5 6 7 8	
286	6	EVENT / TIME – OUTPUT 23	0=Always On		0=Follow Evt	
287	7	FEATURES – OUTPUT 23	-----		1 2 3 4 5 6 7 8	
288	6	EVENT / TIME – OUTPUT 24	0=Always On		0=Follow Evt	
289	7	FEATURES – OUTPUT 24	-----		1 2 3 4 5 6 7 8	
290	6	EVENT / TIME – OUTPUT 25	0=Always On		0=Follow Evt	
291	7	FEATURES – OUTPUT 25	-----		1 2 3 4 5 6 7 8	
292	6	EVENT / TIME – OUTPUT 26	0=Always On		0=Follow Evt	
293	6	FEATURES – OUTPUT 26	-----		1 2 3 4 5 6 7 8	
294	7	EVENT / TIME – OUTPUT 27	0=Always On		0=Follow Evt	
295	6	FEATURES – OUTPUT 27	-----		1 2 3 4 5 6 7 8	
296	7	EVENT / TIME – OUTPUT 28	0=Always On		0=Follow Evt	
297	6	FEATURES – OUTPUT 28	-----		1 2 3 4 5 6 7 8	
298	7	EVENT / TIME – OUTPUT 29	0=Always On		0=Follow Evt	
299	6	FEATURES – OUTPUT 29	-----		1 2 3 4 5 6 7 8	
300	7	EVENT / TIME – OUTPUT 30	0=Always On		0=Follow Evt	
301	6	FEATURES – OUTPUT 30	-----		1 2 3 4 5 6 7 8	
302	7	EVENT / TIME – OUTPUT 31	0=Always On		0=Follow Evt	
303	6	FEATURES – OUTPUT 31	-----		1 2 3 4 5 6 7 8	
304	7	EVENT / TIME – OUTPUT 32	0=Always On		0=Follow Evt	

LOC	PAGE	DESCRIPTION	SEG 1 DEFAULT	SEG 1 DATA	SEG 2 DEFAULT	SEG 2 DATA
305	6	FEATURES – OUTPUT 32	-----		1 2 3 4 5 6 7 8	
306	7	EVENT / TIME – OUTPUT 33	0=Always On		0=Follow Evt	
307	6	FEATURES – OUTPUT 33	-----		1 2 3 4 5 6 7 8	
308	7	EVENT / TIME – OUTPUT 34	0=Always On		0=Follow Evt	
309	6	FEATURES – OUTPUT 34	-----		1 2 3 4 5 6 7 8	
310	7	EVENT / TIME – OUTPUT 35	0=Always On		0=Follow Evt	
311	6	FEATURES – OUTPUT 35	-----		1 2 3 4 5 6 7 8	
312	7	EVENT / TIME – OUTPUT 36	0=Always On		0=Follow Evt	
313	6	FEATURES – OUTPUT 36	-----		1 2 3 4 5 6 7 8	
314	7	EVENT / TIME – OUTPUT 37	0=Always On		0=Follow Evt	
315	6	FEATURES – OUTPUT 37	-----		1 2 3 4 5 6 7 8	
316	7	EVENT / TIME – OUTPUT 38	0=Always On		0=Follow Evt	
317	6	FEATURES – OUTPUT 38	-----		1 2 3 4 5 6 7 8	
318	7	EVENT / TIME – OUTPUT 39	0=Always On		0=Follow Evt	
319	6	FEATURES – OUTPUT 39	-----		1 2 3 4 5 6 7 8	
320	7	EVENT / TIME – OUTPUT 40	0=Always On		0=Follow Evt	
321	6	FEATURES – OUTPUT 40	-----		1 2 3 4 5 6 7 8	
322	7	EVENT / TIME – OUTPUT 41	0=Always On		0=Follow Evt	
323	6	FEATURES – OUTPUT 41	-----		1 2 3 4 5 6 7 8	
324	6	EVENT / TIME – OUTPUT 42	0=Always On		0=Follow Evt	
325	7	FEATURES – OUTPUT 42	-----		1 2 3 4 5 6 7 8	
326	6	EVENT / TIME – OUTPUT 43	0=Always On		0=Follow Evt	
327	7	FEATURES – OUTPUT 43	-----		1 2 3 4 5 6 7 8	
328	6	EVENT / TIME – OUTPUT 44	0=Always On		0=Follow Evt	
329	7	FEATURES – OUTPUT 44	-----		1 2 3 4 5 6 7 8	
330	6	EVENT / TIME – OUTPUT 45	0=Always On		0=Follow Evt	
331	7	FEATURES – OUTPUT 45	-----		1 2 3 4 5 6 7 8	
332	6	EVENT / TIME – OUTPUT 46	0=Always On		0=Follow Evt	
333	7	FEATURES – OUTPUT 46	-----		1 2 3 4 5 6 7 8	
334	6	EVENT / TIME – OUTPUT 47	0=Always On		0=Follow Evt	
335	7	FEATURES – OUTPUT 48	-----		1 2 3 4 5 6 7 8	
336	6	EVENT / TIME – OUTPUT 48	0=Always On		0=Follow Evt	
337	7	FEATURES – OUTPUT 48	-----		1 2 3 4 5 6 7 8	

LOC	PAGE	DESCRIPTION																																																																																																			
338	8	CODES 1-10 OUTPUT SELECTION (Circle the numbers to disable)																																																																																																			
		<table border="1"> <thead> <tr> <th>User</th><th>1</th><th>2</th><th>3</th><th>4</th><th>5</th><th>6</th><th>7</th><th>8</th><th>9</th><th>10</th></tr> </thead> <tbody> <tr><td>Output 1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td></tr> <tr><td>Output 2</td><td>2</td><td>2</td><td>2</td><td>2</td><td>2</td><td>2</td><td>2</td><td>2</td><td>2</td><td>2</td></tr> <tr><td>Output 3</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td></tr> <tr><td>Output 4</td><td>4</td><td>4</td><td>4</td><td>4</td><td>4</td><td>4</td><td>4</td><td>4</td><td>4</td><td>4</td></tr> <tr><td>Output 5</td><td>5</td><td>5</td><td>5</td><td>5</td><td>5</td><td>5</td><td>5</td><td>5</td><td>5</td><td>5</td></tr> <tr><td>Output 6</td><td>6</td><td>6</td><td>6</td><td>6</td><td>6</td><td>6</td><td>6</td><td>6</td><td>6</td><td>6</td></tr> <tr><td>Output 7</td><td>7</td><td>7</td><td>7</td><td>7</td><td>7</td><td>7</td><td>7</td><td>7</td><td>7</td><td>7</td></tr> <tr><td>Output 8</td><td>8</td><td>8</td><td>8</td><td>8</td><td>8</td><td>8</td><td>8</td><td>8</td><td>8</td><td>8</td></tr> </tbody> </table>	User	1	2	3	4	5	6	7	8	9	10	Output 1	1	1	1	1	1	1	1	1	1	1	Output 2	2	2	2	2	2	2	2	2	2	2	Output 3	3	3	3	3	3	3	3	3	3	3	Output 4	4	4	4	4	4	4	4	4	4	4	Output 5	5	5	5	5	5	5	5	5	5	5	Output 6	6	6	6	6	6	6	6	6	6	6	Output 7	7	7	7	7	7	7	7	7	7	7	Output 8	8	8	8	8	8	8	8	8	8	8
User	1	2	3	4	5	6	7	8	9	10																																																																																											
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339	8	CODES 11-20 OUTPUT SELECTION (Circle the numbers to disable)																																																																																																			
		<table border="1"> <thead> <tr> <th>User</th><th>11</th><th>12</th><th>13</th><th>14</th><th>15</th><th>16</th><th>17</th><th>18</th><th>19</th><th>20</th></tr> </thead> <tbody> <tr><td>Output 1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td></tr> <tr><td>Output 2</td><td>2</td><td>2</td><td>2</td><td>2</td><td>2</td><td>2</td><td>2</td><td>2</td><td>2</td><td>2</td></tr> <tr><td>Output 3</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td></tr> <tr><td>Output 4</td><td>4</td><td>4</td><td>4</td><td>4</td><td>4</td><td>4</td><td>4</td><td>4</td><td>4</td><td>4</td></tr> <tr><td>Output 5</td><td>5</td><td>5</td><td>5</td><td>5</td><td>5</td><td>5</td><td>5</td><td>5</td><td>5</td><td>5</td></tr> <tr><td>Output 6</td><td>6</td><td>6</td><td>6</td><td>6</td><td>6</td><td>6</td><td>6</td><td>6</td><td>6</td><td>6</td></tr> <tr><td>Output 7</td><td>7</td><td>7</td><td>7</td><td>7</td><td>7</td><td>7</td><td>7</td><td>7</td><td>7</td><td>7</td></tr> <tr><td>Output 8</td><td>8</td><td>8</td><td>8</td><td>8</td><td>8</td><td>8</td><td>8</td><td>8</td><td>8</td><td>8</td></tr> </tbody> </table>	User	11	12	13	14	15	16	17	18	19	20	Output 1	1	1	1	1	1	1	1	1	1	1	Output 2	2	2	2	2	2	2	2	2	2	2	Output 3	3	3	3	3	3	3	3	3	3	3	Output 4	4	4	4	4	4	4	4	4	4	4	Output 5	5	5	5	5	5	5	5	5	5	5	Output 6	6	6	6	6	6	6	6	6	6	6	Output 7	7	7	7	7	7	7	7	7	7	7	Output 8	8	8	8	8	8	8	8	8	8	8
User	11	12	13	14	15	16	17	18	19	20																																																																																											
Output 1	1	1	1	1	1	1	1	1	1	1																																																																																											
Output 2	2	2	2	2	2	2	2	2	2	2																																																																																											
Output 3	3	3	3	3	3	3	3	3	3	3																																																																																											
Output 4	4	4	4	4	4	4	4	4	4	4																																																																																											
Output 5	5	5	5	5	5	5	5	5	5	5																																																																																											
Output 6	6	6	6	6	6	6	6	6	6	6																																																																																											
Output 7	7	7	7	7	7	7	7	7	7	7																																																																																											
Output 8	8	8	8	8	8	8	8	8	8	8																																																																																											

LOC	PAGE	DESCRIPTION										
340	8	CODES 21-30 OUTPUT SELECTION (Circle the numbers to disable)										
		User	21	22	23	24	25	26	27	28	29	30
		Output 1	1	1	1	1	1	1	1	1	1	1
		Output 2	2	2	2	2	2	2	2	2	2	2
		Output 3	3	3	3	3	3	3	3	3	3	3
		Output 4	4	4	4	4	4	4	4	4	4	4
		Output 5	5	5	5	5	5	5	5	5	5	5
		Output 6	6	6	6	6	6	6	6	6	6	6
		Output 7	7	7	7	7	7	7	7	7	7	7
		Output 8	8	8	8	8	8	8	8	8	8	8
341	8	CODES 31-40 OUTPUT SELECTION (Circle the numbers to program)										
		User	31	32	33	34	35	36	37	38	39	40
		Output 1	1	1	1	1	1	1	1	1	1	1
		Output 2	2	2	2	2	2	2	2	2	2	2
		Output 3	3	3	3	3	3	3	3	3	3	3
		Output 4	4	4	4	4	4	4	4	4	4	4
		Output 5	5	5	5	5	5	5	5	5	5	5
		Output 6	6	6	6	6	6	6	6	6	6	6
		Output 7	7	7	7	7	7	7	7	7	7	7
		Output 8	8	8	8	8	8	8	8	8	8	8
342	8	CODES 41-50 OUTPUT SELECTION (Circle the numbers to disable)										
		User	41	42	43	44	45	46	47	48	49	50
		Output 1	1	1	1	1	1	1	1	1	1	1
		Output 2	2	2	2	2	2	2	2	2	2	2
		Output 3	3	3	3	3	3	3	3	3	3	3
		Output 4	4	4	4	4	4	4	4	4	4	4
		Output 5	5	5	5	5	5	5	5	5	5	5
		Output 6	6	6	6	6	6	6	6	6	6	6
		Output 7	7	7	7	7	7	7	7	7	7	7
		Output 8	8	8	8	8	8	8	8	8	8	8
343	8	CODES 51-60 OUTPUT SELECTION (Circle the numbers to disable)										
		User	51	52	53	54	55	56	57	58	59	60
		Output 1	1	1	1	1	1	1	1	1	1	1
		Output 2	2	2	2	2	2	2	2	2	2	2
		Output 3	3	3	3	3	3	3	3	3	3	3
		Output 4	4	4	4	4	4	4	4	4	4	4
		Output 5	5	5	5	5	5	5	5	5	5	5
		Output 6	6	6	6	6	6	6	6	6	6	6
		Output 7	7	7	7	7	7	7	7	7	7	7
		Output 8	8	8	8	8	8	8	8	8	8	8
344	8	CODES 61-70 OUTPUT SELECTION (Circle the numbers to disable)										
		User	61	62	63	64	65	66	67	68	69	70
		Output 1	1	1	1	1	1	1	1	1	1	1
		Output 2	2	2	2	2	2	2	2	2	2	2
		Output 3	3	3	3	3	3	3	3	3	3	3
		Output 4	4	4	4	4	4	4	4	4	4	4
		Output 5	5	5	5	5	5	5	5	5	5	5
		Output 6	6	6	6	6	6	6	6	6	6	6
		Output 7	7	7	7	7	7	7	7	7	7	7
		Output 8	8	8	8	8	8	8	8	8	8	8

LOC	PAGE	DESCRIPTION										
345	8	CODES 71-80 OUTPUT SELECTION (Circle the numbers to disable)										
		User	71	72	73	74	75	76	77	78	79	80
		Output 1	1	1	1	1	1	1	1	1	1	1
		Output 2	2	2	2	2	2	2	2	2	2	2
		Output 3	3	3	3	3	3	3	3	3	3	3
		Output 4	4	4	4	4	4	4	4	4	4	4
		Output 5	5	5	5	5	5	5	5	5	5	5
		Output 6	6	6	6	6	6	6	6	6	6	6
		Output 7	7	7	7	7	7	7	7	7	7	7
		Output 8	8	8	8	8	8	8	8	8	8	8
346		CODES 81-90 OUTPUT SELECTION (Circle the numbers to disable)										
		User	81	82	83	84	85	86	87	88	89	90
		Output 1	1	1	1	1	1	1	1	1	1	1
		Output 2	2	2	2	2	2	2	2	2	2	2
		Output 3	3	3	3	3	3	3	3	3	3	3
		Output 4	4	4	4	4	4	4	4	4	4	4
		Output 5	5	5	5	5	5	5	5	5	5	5
		Output 6	6	6	6	6	6	6	6	6	6	6
		Output 7	7	7	7	7	7	7	7	7	7	7
		Output 8	8	8	8	8	8	8	8	8	8	8
347	8	CODES 91-100 OUTPUT SELECTION (Circle the numbers to disable)										
		User	91	92	93	94	95	96	97	98	99	100
		Output 1	1	1	1	1	1	1	1	1	1	1
		Output 2	2	2	2	2	2	2	2	2	2	2
		Output 3	3	3	3	3	3	3	3	3	3	3
		Output 4	4	4	4	4	4	4	4	4	4	4
		Output 5	5	5	5	5	5	5	5	5	5	5
		Output 6	6	6	6	6	6	6	6	6	6	6
		Output 7	7	7	7	7	7	7	7	7	7	7
		Output 8	8	8	8	8	8	8	8	8	8	8
348	8	CODES 101-110 OUTPUT SELECTION (Circle the numbers to disable)										
		User	101	102	103	104	105	106	107	108	109	110
		Output 1	1	1	1	1	1	1	1	1	1	1
		Output 2	2	2	2	2	2	2	2	2	2	2
		Output 3	3	3	3	3	3	3	3	3	3	3
		Output 4	4	4	4	4	4	4	4	4	4	4
		Output 5	5	5	5	5	5	5	5	5	5	5
		Output 6	6	6	6	6	6	6	6	6	6	6
		Output 7	7	7	7	7	7	7	7	7	7	7
		Output 8	8	8	8	8	8	8	8	8	8	8
349	8	CODES 111-120 OUTPUT SELECTION (Circle the numbers to disable)										
		User	111	112	113	114	115	116	117	118	119	120
		Output 1	1	1	1	1	1	1	1	1	1	1
		Output 2	2	2	2	2	2	2	2	2	2	2
		Output 3	3	3	3	3	3	3	3	3	3	3
		Output 4	4	4	4	4	4	4	4	4	4	4
		Output 5	5	5	5	5	5	5	5	5	5	5
		Output 6	6	6	6	6	6	6	6	6	6	6
		Output 7	7	7	7	7	7	7	7	7	7	7
		Output 8	8	8	8	8	8	8	8	8	8	8

LOC	PAGE	DESCRIPTION										
350	8	CODES 121-130 OUTPUT SELECTION (Circle the numbers to disable)										
		User	121	122	123	124	125	126	127	128	129	130
		Output 1	1	1	1	1	1	1	1	1	1	1
		Output 2	2	2	2	2	2	2	2	2	2	2
		Output 3	3	3	3	3	3	3	3	3	3	3
		Output 4	4	4	4	4	4	4	4	4	4	4
		Output 5	5	5	5	5	5	5	5	5	5	5
		Output 6	6	6	6	6	6	6	6	6	6	6
		Output 7	7	7	7	7	7	7	7	7	7	7
		Output 8	8	8	8	8	8	8	8	8	8	8
351	8	CODES 131-140 OUTPUT SELECTION (Circle the numbers to disable)										
		User	131	132	133	134	135	136	137	138	139	140
		Output 1	1	1	1	1	1	1	1	1	1	1
		Output 2	2	2	2	2	2	2	2	2	2	2
		Output 3	3	3	3	3	3	3	3	3	3	3
		Output 4	4	4	4	4	4	4	4	4	4	4
		Output 5	5	5	5	5	5	5	5	5	5	5
		Output 6	6	6	6	6	6	6	6	6	6	6
		Output 7	7	7	7	7	7	7	7	7	7	7
		Output 8	8	8	8	8	8	8	8	8	8	8
352	8	CODES 141-150 OUTPUT SELECTION (Circle the numbers to disable)										
		User	141	142	143	144	145	146	147	148	149	150
		Output 1	1	1	1	1	1	1	1	1	1	1
		Output 2	2	2	2	2	2	2	2	2	2	2
		Output 3	3	3	3	3	3	3	3	3	3	3
		Output 4	4	4	4	4	4	4	4	4	4	4
		Output 5	5	5	5	5	5	5	5	5	5	5
		Output 6	6	6	6	6	6	6	6	6	6	6
		Output 7	7	7	7	7	7	7	7	7	7	7
		Output 8	8	8	8	8	8	8	8	8	8	8
353	8	CODES 151-160 OUTPUT SELECTION (Circle the numbers to disable)										
		User	151	152	153	154	155	156	157	158	159	160
		Output 1	1	1	1	1	1	1	1	1	1	1
		Output 2	2	2	2	2	2	2	2	2	2	2
		Output 3	3	3	3	3	3	3	3	3	3	3
		Output 4	4	4	4	4	4	4	4	4	4	4
		Output 5	5	5	5	5	5	5	5	5	5	5
		Output 6	6	6	6	6	6	6	6	6	6	6
		Output 7	7	7	7	7	7	7	7	7	7	7
		Output 8	8	8	8	8	8	8	8	8	8	8
354	8	CODES 161-170 OUTPUT SELECTION (Circle the numbers to disable)										
		User	161	162	163	164	165	166	167	168	169	170
		Output 1	1	1	1	1	1	1	1	1	1	1
		Output 2	2	2	2	2	2	2	2	2	2	2
		Output 3	3	3	3	3	3	3	3	3	3	3
		Output 4	4	4	4	4	4	4	4	4	4	4
		Output 5	5	5	5	5	5	5	5	5	5	5
		Output 6	6	6	6	6	6	6	6	6	6	6
		Output 7	7	7	7	7	7	7	7	7	7	7
		Output 8	8	8	8	8	8	8	8	8	8	8

LOC	PAGE	DESCRIPTION										
355	8	CODES 171-180 OUTPUT SELECTION (Circle the numbers to disable)										
		User	171	172	173	174	175	176	177	178	179	180
		Output 1	1	1	1	1	1	1	1	1	1	1
		Output 2	2	2	2	2	2	2	2	2	2	2
		Output 3	3	3	3	3	3	3	3	3	3	3
		Output 4	4	4	4	4	4	4	4	4	4	4
		Output 5	5	5	5	5	5	5	5	5	5	5
		Output 6	6	6	6	6	6	6	6	6	6	6
		Output 7	7	7	7	7	7	7	7	7	7	7
		Output 8	8	8	8	8	8	8	8	8	8	8
356	8	CODES 181-190 OUTPUT SELECTION (Circle the numbers to disable)										
		User	181	182	183	184	185	186	187	188	189	190
		Output 1	1	1	1	1	1	1	1	1	1	1
		Output 2	2	2	2	2	2	2	2	2	2	2
		Output 3	3	3	3	3	3	3	3	3	3	3
		Output 4	4	4	4	4	4	4	4	4	4	4
		Output 5	5	5	5	5	5	5	5	5	5	5
		Output 6	6	6	6	6	6	6	6	6	6	6
		Output 7	7	7	7	7	7	7	7	7	7	7
		Output 8	8	8	8	8	8	8	8	8	8	8
357	8	CODES 191-200 OUTPUT SELECTION (Circle the numbers to disable)										
		User	191	192	193	194	195	196	197	198	199	200
		Output 1	1	1	1	1	1	1	1	1	1	1
		Output 2	2	2	2	2	2	2	2	2	2	2
		Output 3	3	3	3	3	3	3	3	3	3	3
		Output 4	4	4	4	4	4	4	4	4	4	4
		Output 5	5	5	5	5	5	5	5	5	5	5
		Output 6	6	6	6	6	6	6	6	6	6	6
		Output 7	7	7	7	7	7	7	7	7	7	7
		Output 8	8	8	8	8	8	8	8	8	8	8
358	8	CODES 201-210 OUTPUT SELECTION (Circle the numbers to disable)										
		User	201	202	203	204	205	206	207	208	209	210
		Output 1	1	1	1	1	1	1	1	1	1	1
		Output 2	2	2	2	2	2	2	2	2	2	2
		Output 3	3	3	3	3	3	3	3	3	3	3
		Output 4	4	4	4	4	4	4	4	4	4	4
		Output 5	5	5	5	5	5	5	5	5	5	5
		Output 6	6	6	6	6	6	6	6	6	6	6
		Output 7	7	7	7	7	7	7	7	7	7	7
		Output 8	8	8	8	8	8	8	8	8	8	8
359	8	CODES 211-220 OUTPUT SELECTION (Circle the numbers to disable)										
		User	211	212	213	214	215	216	217	218	219	220
		Output 1	1	1	1	1	1	1	1	1	1	1
		Output 2	2	2	2	2	2	2	2	2	2	2
		Output 3	3	3	3	3	3	3	3	3	3	3
		Output 4	4	4	4	4	4	4	4	4	4	4
		Output 5	5	5	5	5	5	5	5	5	5	5
		Output 6	6	6	6	6	6	6	6	6	6	6
		Output 7	7	7	7	7	7	7	7	7	7	7
		Output 8	8	8	8	8	8	8	8	8	8	8

LOC	PAGE	DESCRIPTION										
360	8	CODES 221-230 OUTPUT SELECTION (Circle the numbers to disable)										
		User	221	222	223	224	225	226	227	228	229	230
		Output 1	1	1	1	1	1	1	1	1	1	1
		Output 2	2	2	2	2	2	2	2	2	2	2
		Output 3	3	3	3	3	3	3	3	3	3	3
		Output 4	4	4	4	4	4	4	4	4	4	4
		Output 5	5	5	5	5	5	5	5	5	5	5
		Output 6	6	6	6	6	6	6	6	6	6	6
		Output 7	7	7	7	7	7	7	7	7	7	7
		Output 8	8	8	8	8	8	8	8	8	8	8
361	8	CODES 231-240 OUTPUT SELECTION (Circle the numbers to disable)										
		User	231	232	233	234	235	236	237	238	239	240
		Output 1	1	1	1	1	1	1	1	1	1	1
		Output 2	2	2	2	2	2	2	2	2	2	2
		Output 3	3	3	3	3	3	3	3	3	3	3
		Output 4	4	4	4	4	4	4	4	4	4	4
		Output 5	5	5	5	5	5	5	5	5	5	5
		Output 6	6	6	6	6	6	6	6	6	6	6
		Output 7	7	7	7	7	7	7	7	7	7	7
		Output 8	8	8	8	8	8	8	8	8	8	8
362	8	CODES 1-10 OUTPUT SELECTION (Circle the numbers to disable)										
		User	1	2	3	4	5	6	7	8	9	10
		Output 9	1	1	1	1	1	1	1	1	1	1
		Output 10	2	2	2	2	2	2	2	2	2	2
		Output 11	3	3	3	3	3	3	3	3	3	3
		Output 12	4	4	4	4	4	4	4	4	4	4
		Output 13	5	5	5	5	5	5	5	5	5	5
		Output 14	6	6	6	6	6	6	6	6	6	6
		Output 15	7	7	7	7	7	7	7	7	7	7
		Output 16	8	8	8	8	8	8	8	8	8	8
363	8	CODES 11-20 OUTPUT SELECTION (Circle the numbers to disable)										
		User	11	12	13	14	15	16	17	18	19	20
		Output 9	1	1	1	1	1	1	1	1	1	1
		Output 10	2	2	2	2	2	2	2	2	2	2
		Output 11	3	3	3	3	3	3	3	3	3	3
		Output 12	4	4	4	4	4	4	4	4	4	4
		Output 13	5	5	5	5	5	5	5	5	5	5
		Output 14	6	6	6	6	6	6	6	6	6	6
		Output 15	7	7	7	7	7	7	7	7	7	7
		Output 16	8	8	8	8	8	8	8	8	8	8
364	8	CODES 21-30 OUTPUT SELECTION (Circle the numbers to disable)										
		User	21	22	23	24	25	26	27	28	29	30
		Output 9	1	1	1	1	1	1	1	1	1	1
		Output 10	2	2	2	2	2	2	2	2	2	2
		Output 11	3	3	3	3	3	3	3	3	3	3
		Output 12	4	4	4	4	4	4	4	4	4	4
		Output 13	5	5	5	5	5	5	5	5	5	5
		Output 14	6	6	6	6	6	6	6	6	6	6
		Output 15	7	7	7	7	7	7	7	7	7	7
		Output 16	8	8	8	8	8	8	8	8	8	8

LOC	PAGE	DESCRIPTION										
365	8	CODES 31-40 OUTPUT SELECTION (Circle the numbers to disable)										
		User	31	32	33	34	35	36	37	38	39	40
		Output 9	1	1	1	1	1	1	1	1	1	1
		Output 10	2	2	2	2	2	2	2	2	2	2
		Output 11	3	3	3	3	3	3	3	3	3	3
		Output 12	4	4	4	4	4	4	4	4	4	4
		Output 13	5	5	5	5	5	5	5	5	5	5
		Output 14	6	6	6	6	6	6	6	6	6	6
		Output 15	7	7	7	7	7	7	7	7	7	7
		Output 16	8	8	8	8	8	8	8	8	8	8
366	8	CODES 41-50 OUTPUT SELECTION (Circle the numbers to disable)										
		User	41	42	43	44	45	46	47	48	49	50
		Output 9	1	1	1	1	1	1	1	1	1	1
		Output 10	2	2	2	2	2	2	2	2	2	2
		Output 11	3	3	3	3	3	3	3	3	3	3
		Output 12	4	4	4	4	4	4	4	4	4	4
		Output 13	5	5	5	5	5	5	5	5	5	5
		Output 14	6	6	6	6	6	6	6	6	6	6
		Output 15	7	7	7	7	7	7	7	7	7	7
		Output 16	8	8	8	8	8	8	8	8	8	8
367	8	CODES 51-60 OUTPUT SELECTION (Circle the numbers to disable)										
		User	51	52	53	54	55	56	57	58	59	60
		Output 9	1	1	1	1	1	1	1	1	1	1
		Output 10	2	2	2	2	2	2	2	2	2	2
		Output 11	3	3	3	3	3	3	3	3	3	3
		Output 12	4	4	4	4	4	4	4	4	4	4
		Output 13	5	5	5	5	5	5	5	5	5	5
		Output 14	6	6	6	6	6	6	6	6	6	6
		Output 15	7	7	7	7	7	7	7	7	7	7
		Output 16	8	8	8	8	8	8	8	8	8	8
368	8	CODES 61-70 OUTPUT SELECTION (Circle the numbers to disable)										
		User	61	62	63	64	65	66	67	68	69	70
		Output 9	1	1	1	1	1	1	1	1	1	1
		Output 10	2	2	2	2	2	2	2	2	2	2
		Output 11	3	3	3	3	3	3	3	3	3	3
		Output 12	4	4	4	4	4	4	4	4	4	4
		Output 13	5	5	5	5	5	5	5	5	5	5
		Output 14	6	6	6	6	6	6	6	6	6	6
		Output 15	7	7	7	7	7	7	7	7	7	7
		Output 16	8	8	8	8	8	8	8	8	8	8
369	8	CODES 71-80 OUTPUT SELECTION (Circle the numbers to disable)										
		User	71	72	73	74	75	76	77	78	79	80
		Output 9	1	1	1	1	1	1	1	1	1	1
		Output 10	2	2	2	2	2	2	2	2	2	2
		Output 11	3	3	3	3	3	3	3	3	3	3
		Output 12	4	4	4	4	4	4	4	4	4	4
		Output 13	5	5	5	5	5	5	5	5	5	5
		Output 14	6	6	6	6	6	6	6	6	6	6
		Output 15	7	7	7	7	7	7	7	7	7	7
		Output 16	8	8	8	8	8	8	8	8	8	8

LOC	PAGE	DESCRIPTION										
370	8	CODES 81-90 OUTPUT SELECTION (Circle the numbers to disable)										
		User	81	82	83	84	85	86	87	88	89	90
		Output 9	1	1	1	1	1	1	1	1	1	1
		Output 10	2	2	2	2	2	2	2	2	2	2
		Output 11	3	3	3	3	3	3	3	3	3	3
		Output 12	4	4	4	4	4	4	4	4	4	4
		Output 13	5	5	5	5	5	5	5	5	5	5
		Output 14	6	6	6	6	6	6	6	6	6	6
		Output 15	7	7	7	7	7	7	7	7	7	7
		Output 16	8	8	8	8	8	8	8	8	8	8
371	8	CODES 91-100 OUTPUT SELECTION (Circle the numbers to disable)										
		User	91	92	93	94	95	96	97	98	99	100
		Output 9	1	1	1	1	1	1	1	1	1	1
		Output 10	2	2	2	2	2	2	2	2	2	2
		Output 11	3	3	3	3	3	3	3	3	3	3
		Output 12	4	4	4	4	4	4	4	4	4	4
		Output 13	5	5	5	5	5	5	5	5	5	5
		Output 14	6	6	6	6	6	6	6	6	6	6
		Output 15	7	7	7	7	7	7	7	7	7	7
		Output 16	8	8	8	8	8	8	8	8	8	8
372	8	CODES 101-110 OUTPUT SELECTION (Circle the numbers to disable)										
		User	101	102	103	104	105	106	107	108	109	110
		Output 9	1	1	1	1	1	1	1	1	1	1
		Output 10	2	2	2	2	2	2	2	2	2	2
		Output 11	3	3	3	3	3	3	3	3	3	3
		Output 12	4	4	4	4	4	4	4	4	4	4
		Output 13	5	5	5	5	5	5	5	5	5	5
		Output 14	6	6	6	6	6	6	6	6	6	6
		Output 15	7	7	7	7	7	7	7	7	7	7
		Output 16	8	8	8	8	8	8	8	8	8	8
373	8	CODES 111-120 OUTPUT SELECTION (Circle the numbers to disable)										
		User	111	112	113	114	115	116	117	118	119	120
		Output 9	1	1	1	1	1	1	1	1	1	1
		Output 10	2	2	2	2	2	2	2	2	2	2
		Output 11	3	3	3	3	3	3	3	3	3	3
		Output 12	4	4	4	4	4	4	4	4	4	4
		Output 13	5	5	5	5	5	5	5	5	5	5
		Output 14	6	6	6	6	6	6	6	6	6	6
		Output 15	7	7	7	7	7	7	7	7	7	7
		Output 16	8	8	8	8	8	8	8	8	8	8
374	8	CODES 121-130 OUTPUT SELECTION (Circle the numbers to disable)										
		User	121	122	123	124	125	126	127	128	129	130
		Output 9	1	1	1	1	1	1	1	1	1	1
		Output 10	2	2	2	2	2	2	2	2	2	2
		Output 11	3	3	3	3	3	3	3	3	3	3
		Output 12	4	4	4	4	4	4	4	4	4	4
		Output 13	5	5	5	5	5	5	5	5	5	5
		Output 14	6	6	6	6	6	6	6	6	6	6
		Output 15	7	7	7	7	7	7	7	7	7	7
		Output 16	8	8	8	8	8	8	8	8	8	8

LOC	PAGE	DESCRIPTION										
375	8	CODES 131-140 OUTPUT SELECTION (Circle the numbers to disable)										
		User	131	132	133	134	135	136	137	138	139	140
		Output 9	1	1	1	1	1	1	1	1	1	1
		Output 10	2	2	2	2	2	2	2	2	2	2
		Output 11	3	3	3	3	3	3	3	3	3	3
		Output 12	4	4	4	4	4	4	4	4	4	4
		Output 13	5	5	5	5	5	5	5	5	5	5
		Output 14	6	6	6	6	6	6	6	6	6	6
		Output 15	7	7	7	7	7	7	7	7	7	7
		Output 16	8	8	8	8	8	8	8	8	8	8
376	8	CODES 141-150 OUTPUT SELECTION (Circle the numbers to disable)										
		User	141	142	143	144	145	146	147	148	149	150
		Output 9	1	1	1	1	1	1	1	1	1	1
		Output 10	2	2	2	2	2	2	2	2	2	2
		Output 11	3	3	3	3	3	3	3	3	3	3
		Output 12	4	4	4	4	4	4	4	4	4	4
		Output 13	5	5	5	5	5	5	5	5	5	5
		Output 14	6	6	6	6	6	6	6	6	6	6
		Output 15	7	7	7	7	7	7	7	7	7	7
		Output 16	8	8	8	8	8	8	8	8	8	8
377	8	CODES 151-160 OUTPUT SELECTION (Circle the numbers to disable)										
		User	151	152	153	154	155	156	157	158	159	160
		Output 9	1	1	1	1	1	1	1	1	1	1
		Output 10	2	2	2	2	2	2	2	2	2	2
		Output 11	3	3	3	3	3	3	3	3	3	3
		Output 12	4	4	4	4	4	4	4	4	4	4
		Output 13	5	5	5	5	5	5	5	5	5	5
		Output 14	6	6	6	6	6	6	6	6	6	6
		Output 15	7	7	7	7	7	7	7	7	7	7
		Output 16	8	8	8	8	8	8	8	8	8	8
378	8	CODES 161-170 OUTPUT SELECTION (Circle the numbers to disable)										
		User	161	162	163	164	165	166	167	168	169	170
		Output 9	1	1	1	1	1	1	1	1	1	1
		Output 10	2	2	2	2	2	2	2	2	2	2
		Output 11	3	3	3	3	3	3	3	3	3	3
		Output 12	4	4	4	4	4	4	4	4	4	4
		Output 13	5	5	5	5	5	5	5	5	5	5
		Output 14	6	6	6	6	6	6	6	6	6	6
		Output 15	7	7	7	7	7	7	7	7	7	7
		Output 16	8	8	8	8	8	8	8	8	8	8
379	8	CODES 171-180 OUTPUT SELECTION (Circle the numbers to disable)										
		User	171	172	173	174	175	176	177	178	179	180
		Output 9	1	1	1	1	1	1	1	1	1	1
		Output 10	2	2	2	2	2	2	2	2	2	2
		Output 11	3	3	3	3	3	3	3	3	3	3
		Output 12	4	4	4	4	4	4	4	4	4	4
		Output 13	5	5	5	5	5	5	5	5	5	5
		Output 14	6	6	6	6	6	6	6	6	6	6
		Output 15	7	7	7	7	7	7	7	7	7	7
		Output 16	8	8	8	8	8	8	8	8	8	8

LOC	PAGE	DESCRIPTION										
380	8	CODES 181-190 OUTPUT SELECTION (Circle the numbers to disable)										
		User	181	182	183	184	185	186	187	188	189	190
		Output 9	1	1	1	1	1	1	1	1	1	1
		Output 10	2	2	2	2	2	2	2	2	2	2
		Output 11	3	3	3	3	3	3	3	3	3	3
		Output 12	4	4	4	4	4	4	4	4	4	4
		Output 13	5	5	5	5	5	5	5	5	5	5
		Output 14	6	6	6	6	6	6	6	6	6	6
		Output 15	7	7	7	7	7	7	7	7	7	7
		Output 16	8	8	8	8	8	8	8	8	8	8
381	8	CODES 191-200 OUTPUT SELECTION (Circle the numbers to disable)										
		User	191	192	193	194	195	196	197	198	199	200
		Output 9	1	1	1	1	1	1	1	1	1	1
		Output 10	2	2	2	2	2	2	2	2	2	2
		Output 11	3	3	3	3	3	3	3	3	3	3
		Output 12	4	4	4	4	4	4	4	4	4	4
		Output 13	5	5	5	5	5	5	5	5	5	5
		Output 14	6	6	6	6	6	6	6	6	6	6
		Output 15	7	7	7	7	7	7	7	7	7	7
		Output 16	8	8	8	8	8	8	8	8	8	8
382	8	CODES 201-210 OUTPUT SELECTION (Circle the numbers to disable)										
		User	201	202	203	204	205	206	207	208	209	210
		Output 9	1	1	1	1	1	1	1	1	1	1
		Output 10	2	2	2	2	2	2	2	2	2	2
		Output 11	3	3	3	3	3	3	3	3	3	3
		Output 12	4	4	4	4	4	4	4	4	4	4
		Output 13	5	5	5	5	5	5	5	5	5	5
		Output 14	6	6	6	6	6	6	6	6	6	6
		Output 15	7	7	7	7	7	7	7	7	7	7
		Output 16	8	8	8	8	8	8	8	8	8	8
383	8	CODES 211-220 OUTPUT SELECTION (Circle the numbers to disable)										
		User	211	212	213	214	215	216	217	218	219	220
		Output 9	1	1	1	1	1	1	1	1	1	1
		Output 10	2	2	2	2	2	2	2	2	2	2
		Output 11	3	3	3	3	3	3	3	3	3	3
		Output 12	4	4	4	4	4	4	4	4	4	4
		Output 13	5	5	5	5	5	5	5	5	5	5
		Output 14	6	6	6	6	6	6	6	6	6	6
		Output 15	7	7	7	7	7	7	7	7	7	7
		Output 16	8	8	8	8	8	8	8	8	8	8
384	8	CODES 221-230 OUTPUT SELECTION (Circle the numbers to disable)										
		User	221	222	223	224	225	226	227	228	229	230
		Output 9	1	1	1	1	1	1	1	1	1	1
		Output 10	2	2	2	2	2	2	2	2	2	2
		Output 11	3	3	3	3	3	3	3	3	3	3
		Output 12	4	4	4	4	4	4	4	4	4	4
		Output 13	5	5	5	5	5	5	5	5	5	5
		Output 14	6	6	6	6	6	6	6	6	6	6
		Output 15	7	7	7	7	7	7	7	7	7	7
		Output 16	8	8	8	8	8	8	8	8	8	8

LOC	PAGE	DESCRIPTION										
385	8	CODES 231-240 OUTPUT SELECTION (Circle the numbers to disable)										
		User	231	232	233	234	235	236	237	238	239	240
		Output 9	1	1	1	1	1	1	1	1	1	1
		Output 10	2	2	2	2	2	2	2	2	2	2
		Output 11	3	3	3	3	3	3	3	3	3	3
		Output 12	4	4	4	4	4	4	4	4	4	4
		Output 13	5	5	5	5	5	5	5	5	5	5
		Output 14	6	6	6	6	6	6	6	6	6	6
		Output 15	7	7	7	7	7	7	7	7	7	7
		Output 16	8	8	8	8	8	8	8	8	8	8
386	8	CODES 1-10 OUTPUT SELECTION (Circle the numbers to disable)										
		User	1	2	3	4	5	6	7	8	9	10
		Output 17	1	1	1	1	1	1	1	1	1	1
		Output 18	2	2	2	2	2	2	2	2	2	2
		Output 19	3	3	3	3	3	3	3	3	3	3
		Output 20	4	4	4	4	4	4	4	4	4	4
		Output 21	5	5	5	5	5	5	5	5	5	5
		Output 22	6	6	6	6	6	6	6	6	6	6
		Output 23	7	7	7	7	7	7	7	7	7	7
		Output 24	8	8	8	8	8	8	8	8	8	8
387	8	CODES 11-20 OUTPUT SELECTION (Circle the numbers to disable)										
		User	11	12	13	14	15	16	17	18	19	20
		Output 17	1	1	1	1	1	1	1	1	1	1
		Output 18	2	2	2	2	2	2	2	2	2	2
		Output 19	3	3	3	3	3	3	3	3	3	3
		Output 20	4	4	4	4	4	4	4	4	4	4
		Output 21	5	5	5	5	5	5	5	5	5	5
		Output 22	6	6	6	6	6	6	6	6	6	6
		Output 23	7	7	7	7	7	7	7	7	7	7
		Output 24	8	8	8	8	8	8	8	8	8	8
388	8	CODES 21-30 OUTPUT SELECTION (Circle the numbers to disable)										
		User	21	22	23	24	25	26	27	28	29	30
		Output 17	1	1	1	1	1	1	1	1	1	1
		Output 18	2	2	2	2	2	2	2	2	2	2
		Output 19	3	3	3	3	3	3	3	3	3	3
		Output 20	4	4	4	4	4	4	4	4	4	4
		Output 21	5	5	5	5	5	5	5	5	5	5
		Output 22	6	6	6	6	6	6	6	6	6	6
		Output 23	7	7	7	7	7	7	7	7	7	7
		Output 24	8	8	8	8	8	8	8	8	8	8
389	8	CODES 31-40 OUTPUT SELECTION (Circle the numbers to disable)										
		User	31	32	33	34	35	36	37	38	39	40
		Output 17	1	1	1	1	1	1	1	1	1	1
		Output 18	2	2	2	2	2	2	2	2	2	2
		Output 19	3	3	3	3	3	3	3	3	3	3
		Output 20	4	4	4	4	4	4	4	4	4	4
		Output 21	5	5	5	5	5	5	5	5	5	5
		Output 22	6	6	6	6	6	6	6	6	6	6
		Output 23	7	7	7	7	7	7	7	7	7	7
		Output 24	8	8	8	8	8	8	8	8	8	8

LOC	PAGE	DESCRIPTION										
390	8	CODES 41-50 OUTPUT SELECTION (Circle the numbers to disable)										
		User	41	42	43	44	45	46	47	48	49	50
		Output 17	1	1	1	1	1	1	1	1	1	1
		Output 18	2	2	2	2	2	2	2	2	2	2
		Output 19	3	3	3	3	3	3	3	3	3	3
		Output 20	4	4	4	4	4	4	4	4	4	4
		Output 21	5	5	5	5	5	5	5	5	5	5
		Output 22	6	6	6	6	6	6	6	6	6	6
		Output 23	7	7	7	7	7	7	7	7	7	7
		Output 24	8	8	8	8	8	8	8	8	8	8
391	8	CODES 51-60 OUTPUT SELECTION (Circle the numbers to disable)										
		User	51	52	53	54	55	56	57	58	59	60
		Output 17	1	1	1	1	1	1	1	1	1	1
		Output 18	2	2	2	2	2	2	2	2	2	2
		Output 19	3	3	3	3	3	3	3	3	3	3
		Output 20	4	4	4	4	4	4	4	4	4	4
		Output 21	5	5	5	5	5	5	5	5	5	5
		Output 22	6	6	6	6	6	6	6	6	6	6
		Output 23	7	7	7	7	7	7	7	7	7	7
		Output 24	8	8	8	8	8	8	8	8	8	8
392	8	CODES 61-70 OUTPUT SELECTION (Circle the numbers to disable)										
		User	61	62	63	64	65	66	67	68	69	70
		Output 17	1	1	1	1	1	1	1	1	1	1
		Output 18	2	2	2	2	2	2	2	2	2	2
		Output 19	3	3	3	3	3	3	3	3	3	3
		Output 20	4	4	4	4	4	4	4	4	4	4
		Output 21	5	5	5	5	5	5	5	5	5	5
		Output 22	6	6	6	6	6	6	6	6	6	6
		Output 23	7	7	7	7	7	7	7	7	7	7
		Output 24	8	8	8	8	8	8	8	8	8	8
393	8	CODES 71-80 OUTPUT SELECTION (Circle the numbers to disable)										
		User	71	72	73	74	75	76	77	78	79	80
		Output 17	1	1	1	1	1	1	1	1	1	1
		Output 18	2	2	2	2	2	2	2	2	2	2
		Output 19	3	3	3	3	3	3	3	3	3	3
		Output 20	4	4	4	4	4	4	4	4	4	4
		Output 21	5	5	5	5	5	5	5	5	5	5
		Output 22	6	6	6	6	6	6	6	6	6	6
		Output 23	7	7	7	7	7	7	7	7	7	7
		Output 24	8	8	8	8	8	8	8	8	8	8
394	8	CODES 81-90 OUTPUT SELECTION (Circle the numbers to disable)										
		User	81	82	83	84	85	86	87	88	89	90
		Output 17	1	1	1	1	1	1	1	1	1	1
		Output 18	2	2	2	2	2	2	2	2	2	2
		Output 19	3	3	3	3	3	3	3	3	3	3
		Output 20	4	4	4	4	4	4	4	4	4	4
		Output 21	5	5	5	5	5	5	5	5	5	5
		Output 22	6	6	6	6	6	6	6	6	6	6
		Output 23	7	7	7	7	7	7	7	7	7	7
		Output 24	8	8	8	8	8	8	8	8	8	8

LOC	PAGE	DESCRIPTION										
395	8	CODES 91-100 OUTPUT SELECTION (Circle the numbers to disable)										
		User	91	92	93	94	95	96	97	98	99	100
		Output 17	1	1	1	1	1	1	1	1	1	1
		Output 18	2	2	2	2	2	2	2	2	2	2
		Output 19	3	3	3	3	3	3	3	3	3	3
		Output 20	4	4	4	4	4	4	4	4	4	4
		Output 21	5	5	5	5	5	5	5	5	5	5
		Output 22	6	6	6	6	6	6	6	6	6	6
		Output 23	7	7	7	7	7	7	7	7	7	7
		Output 24	8	8	8	8	8	8	8	8	8	8
396	8	CODES 101-110 OUTPUT SELECTION (Circle the numbers to disable)										
		User	101	102	103	104	105	106	107	108	109	110
		Output 17	1	1	1	1	1	1	1	1	1	1
		Output 18	2	2	2	2	2	2	2	2	2	2
		Output 19	3	3	3	3	3	3	3	3	3	3
		Output 20	4	4	4	4	4	4	4	4	4	4
		Output 21	5	5	5	5	5	5	5	5	5	5
		Output 22	6	6	6	6	6	6	6	6	6	6
		Output 23	7	7	7	7	7	7	7	7	7	7
		Output 24	8	8	8	8	8	8	8	8	8	8
397	8	CODES 111-120 OUTPUT SELECTION (Circle the numbers to disable)										
		User	111	112	113	114	115	116	117	118	119	120
		Output 17	1	1	1	1	1	1	1	1	1	1
		Output 18	2	2	2	2	2	2	2	2	2	2
		Output 19	3	3	3	3	3	3	3	3	3	3
		Output 20	4	4	4	4	4	4	4	4	4	4
		Output 21	5	5	5	5	5	5	5	5	5	5
		Output 22	6	6	6	6	6	6	6	6	6	6
		Output 23	7	7	7	7	7	7	7	7	7	7
		Output 24	8	8	8	8	8	8	8	8	8	8
398	8	CODES 121-130 OUTPUT SELECTION (Circle the numbers to disable)										
		User	121	122	123	124	125	126	127	128	129	130
		Output 17	1	1	1	1	1	1	1	1	1	1
		Output 18	2	2	2	2	2	2	2	2	2	2
		Output 19	3	3	3	3	3	3	3	3	3	3
		Output 20	4	4	4	4	4	4	4	4	4	4
		Output 21	5	5	5	5	5	5	5	5	5	5
		Output 22	6	6	6	6	6	6	6	6	6	6
		Output 23	7	7	7	7	7	7	7	7	7	7
		Output 24	8	8	8	8	8	8	8	8	8	8
399	8	CODES 131-140 OUTPUT SELECTION (Circle the numbers to disable)										
		User	131	132	133	134	135	136	137	138	139	140
		Output 17	1	1	1	1	1	1	1	1	1	1
		Output 18	2	2	2	2	2	2	2	2	2	2
		Output 19	3	3	3	3	3	3	3	3	3	3
		Output 20	4	4	4	4	4	4	4	4	4	4
		Output 21	5	5	5	5	5	5	5	5	5	5
		Output 22	6	6	6	6	6	6	6	6	6	6
		Output 23	7	7	7	7	7	7	7	7	7	7
		Output 24	8	8	8	8	8	8	8	8	8	8

LOC	PAGE	DESCRIPTION										
400	8	CODES 141-150 OUTPUT SELECTION (Circle the numbers to disable)										
		User	141	142	143	144	145	146	147	148	149	150
		Output 17	1	1	1	1	1	1	1	1	1	1
		Output 18	2	2	2	2	2	2	2	2	2	2
		Output 19	3	3	3	3	3	3	3	3	3	3
		Output 20	4	4	4	4	4	4	4	4	4	4
		Output 21	5	5	5	5	5	5	5	5	5	5
		Output 22	6	6	6	6	6	6	6	6	6	6
		Output 23	7	7	7	7	7	7	7	7	7	7
		Output 24	8	8	8	8	8	8	8	8	8	8
401	8	CODES 151-160 OUTPUT SELECTION (Circle the numbers to disable)										
		User	151	152	153	154	155	156	157	158	159	160
		Output 17	1	1	1	1	1	1	1	1	1	1
		Output 18	2	2	2	2	2	2	2	2	2	2
		Output 19	3	3	3	3	3	3	3	3	3	3
		Output 20	4	4	4	4	4	4	4	4	4	4
		Output 21	5	5	5	5	5	5	5	5	5	5
		Output 22	6	6	6	6	6	6	6	6	6	6
		Output 23	7	7	7	7	7	7	7	7	7	7
		Output 24	8	8	8	8	8	8	8	8	8	8
402	8	CODES 161-170 OUTPUT SELECTION (Circle the numbers to disable)										
		User	161	162	163	164	165	166	167	168	169	170
		Output 17	1	1	1	1	1	1	1	1	1	1
		Output 18	2	2	2	2	2	2	2	2	2	2
		Output 19	3	3	3	3	3	3	3	3	3	3
		Output 20	4	4	4	4	4	4	4	4	4	4
		Output 21	5	5	5	5	5	5	5	5	5	5
		Output 22	6	6	6	6	6	6	6	6	6	6
		Output 23	7	7	7	7	7	7	7	7	7	7
		Output 24	8	8	8	8	8	8	8	8	8	8
403	8	CODES 171-180 OUTPUT SELECTION (Circle the numbers to disable)										
		User	171	172	173	174	175	176	177	178	179	180
		Output 17	1	1	1	1	1	1	1	1	1	1
		Output 18	2	2	2	2	2	2	2	2	2	2
		Output 19	3	3	3	3	3	3	3	3	3	3
		Output 20	4	4	4	4	4	4	4	4	4	4
		Output 21	5	5	5	5	5	5	5	5	5	5
		Output 22	6	6	6	6	6	6	6	6	6	6
		Output 23	7	7	7	7	7	7	7	7	7	7
		Output 24	8	8	8	8	8	8	8	8	8	8
404	8	CODES 181-190 OUTPUT SELECTION (Circle the numbers to disable)										
		User	181	182	183	184	185	186	187	188	189	190
		Output 17	1	1	1	1	1	1	1	1	1	1
		Output 18	2	2	2	2	2	2	2	2	2	2
		Output 19	3	3	3	3	3	3	3	3	3	3
		Output 20	4	4	4	4	4	4	4	4	4	4
		Output 21	5	5	5	5	5	5	5	5	5	5
		Output 22	6	6	6	6	6	6	6	6	6	6
		Output 23	7	7	7	7	7	7	7	7	7	7
		Output 24	8	8	8	8	8	8	8	8	8	8

LOC	PAGE	DESCRIPTION										
405	8	CODES 191-200 OUTPUT SELECTION (Circle the numbers to disable)										
		User	191	192	193	194	195	196	197	198	199	200
		Output 17	1	1	1	1	1	1	1	1	1	1
		Output 18	2	2	2	2	2	2	2	2	2	2
		Output 19	3	3	3	3	3	3	3	3	3	3
		Output 20	4	4	4	4	4	4	4	4	4	4
		Output 21	5	5	5	5	5	5	5	5	5	5
		Output 22	6	6	6	6	6	6	6	6	6	6
		Output 23	7	7	7	7	7	7	7	7	7	7
		Output 24	8	8	8	8	8	8	8	8	8	8
406	8	CODES 201-210 OUTPUT SELECTION (Circle the numbers to disable)										
		User	201	202	203	204	205	206	207	208	209	210
		Output 17	1	1	1	1	1	1	1	1	1	1
		Output 18	2	2	2	2	2	2	2	2	2	2
		Output 19	3	3	3	3	3	3	3	3	3	3
		Output 20	4	4	4	4	4	4	4	4	4	4
		Output 21	5	5	5	5	5	5	5	5	5	5
		Output 22	6	6	6	6	6	6	6	6	6	6
		Output 23	7	7	7	7	7	7	7	7	7	7
		Output 24	8	8	8	8	8	8	8	8	8	8
407	8	CODES 211-220 OUTPUT SELECTION (Circle the numbers to disable)										
		User	211	212	213	214	215	216	217	218	219	220
		Output 17	1	1	1	1	1	1	1	1	1	1
		Output 18	2	2	2	2	2	2	2	2	2	2
		Output 19	3	3	3	3	3	3	3	3	3	3
		Output 20	4	4	4	4	4	4	4	4	4	4
		Output 21	5	5	5	5	5	5	5	5	5	5
		Output 22	6	6	6	6	6	6	6	6	6	6
		Output 23	7	7	7	7	7	7	7	7	7	7
		Output 24	8	8	8	8	8	8	8	8	8	8
408	8	CODES 221-230 OUTPUT SELECTION (Circle the numbers to disable)										
		User	221	222	223	224	225	226	227	228	229	230
		Output 17	1	1	1	1	1	1	1	1	1	1
		Output 18	2	2	2	2	2	2	2	2	2	2
		Output 19	3	3	3	3	3	3	3	3	3	3
		Output 20	4	4	4	4	4	4	4	4	4	4
		Output 21	5	5	5	5	5	5	5	5	5	5
		Output 22	6	6	6	6	6	6	6	6	6	6
		Output 23	7	7	7	7	7	7	7	7	7	7
		Output 24	8	8	8	8	8	8	8	8	8	8
409	8	CODES 231-240 OUTPUT SELECTION (Circle the numbers to disable)										
		User	231	232	233	234	235	236	237	238	239	240
		Output 17	1	1	1	1	1	1	1	1	1	1
		Output 18	2	2	2	2	2	2	2	2	2	2
		Output 19	3	3	3	3	3	3	3	3	3	3
		Output 20	4	4	4	4	4	4	4	4	4	4
		Output 21	5	5	5	5	5	5	5	5	5	5
		Output 22	6	6	6	6	6	6	6	6	6	6
		Output 23	7	7	7	7	7	7	7	7	7	7
		Output 24	8	8	8	8	8	8	8	8	8	8

LOC	PAGE	DESCRIPTION										
410	8	CODES 1-10 OUTPUT SELECTION (Circle the numbers to disable)										
		User	1	2	3	4	5	6	7	8	9	10
		Output 25	1	1	1	1	1	1	1	1	1	1
		Output 26	2	2	2	2	2	2	2	2	2	2
		Output 27	3	3	3	3	3	3	3	3	3	3
		Output 28	4	4	4	4	4	4	4	4	4	4
		Output 29	5	5	5	5	5	5	5	5	5	5
		Output 30	6	6	6	6	6	6	6	6	6	6
		Output 31	7	7	7	7	7	7	7	7	7	7
		Output 32	8	8	8	8	8	8	8	8	8	8
411	8	CODES 11-20 OUTPUT SELECTION (Circle the numbers to disable)										
		User	11	12	13	14	15	16	17	18	19	20
		Output 25	1	1	1	1	1	1	1	1	1	1
		Output 26	2	2	2	2	2	2	2	2	2	2
		Output 27	3	3	3	3	3	3	3	3	3	3
		Output 28	4	4	4	4	4	4	4	4	4	4
		Output 29	5	5	5	5	5	5	5	5	5	5
		Output 30	6	6	6	6	6	6	6	6	6	6
		Output 31	7	7	7	7	7	7	7	7	7	7
		Output 32	8	8	8	8	8	8	8	8	8	8
412	8	CODES 21-30 OUTPUT SELECTION (Circle the numbers to disable)										
		User	21	22	23	24	25	26	27	28	29	30
		Output 25	1	1	1	1	1	1	1	1	1	1
		Output 26	2	2	2	2	2	2	2	2	2	2
		Output 27	3	3	3	3	3	3	3	3	3	3
		Output 28	4	4	4	4	4	4	4	4	4	4
		Output 29	5	5	5	5	5	5	5	5	5	5
		Output 30	6	6	6	6	6	6	6	6	6	6
		Output 31	7	7	7	7	7	7	7	7	7	7
		Output 32	8	8	8	8	8	8	8	8	8	8
413	8	CODES 31-40 OUTPUT SELECTION (Circle the numbers to disable)										
		User	31	32	33	34	35	36	37	38	39	40
		Output 25	1	1	1	1	1	1	1	1	1	1
		Output 26	2	2	2	2	2	2	2	2	2	2
		Output 27	3	3	3	3	3	3	3	3	3	3
		Output 28	4	4	4	4	4	4	4	4	4	4
		Output 29	5	5	5	5	5	5	5	5	5	5
		Output 30	6	6	6	6	6	6	6	6	6	6
		Output 31	7	7	7	7	7	7	7	7	7	7
		Output 32	8	8	8	8	8	8	8	8	8	8
414	8	CODES 41-50 OUTPUT SELECTION (Circle the numbers to disable)										
		User	41	42	43	44	45	46	47	48	49	50
		Output 25	1	1	1	1	1	1	1	1	1	1
		Output 26	2	2	2	2	2	2	2	2	2	2
		Output 27	3	3	3	3	3	3	3	3	3	3
		Output 28	4	4	4	4	4	4	4	4	4	4
		Output 29	5	5	5	5	5	5	5	5	5	5
		Output 30	6	6	6	6	6	6	6	6	6	6
		Output 31	7	7	7	7	7	7	7	7	7	7
		Output 32	8	8	8	8	8	8	8	8	8	8

LOC	PAGE	DESCRIPTION										
415	8	CODES 51-60 OUTPUT SELECTION (Circle the numbers to disable)										
		User	51	52	53	54	55	56	57	58	59	60
		Output 25	1	1	1	1	1	1	1	1	1	1
		Output 26	2	2	2	2	2	2	2	2	2	2
		Output 27	3	3	3	3	3	3	3	3	3	3
		Output 28	4	4	4	4	4	4	4	4	4	4
		Output 29	5	5	5	5	5	5	5	5	5	5
		Output 30	6	6	6	6	6	6	6	6	6	6
		Output 31	7	7	7	7	7	7	7	7	7	7
		Output 32	8	8	8	8	8	8	8	8	8	8
416	8	CODES 61-70 OUTPUT SELECTION (Circle the numbers to disable)										
		User	61	62	63	64	65	66	67	68	69	70
		Output 25	1	1	1	1	1	1	1	1	1	1
		Output 26	2	2	2	2	2	2	2	2	2	2
		Output 27	3	3	3	3	3	3	3	3	3	3
		Output 28	4	4	4	4	4	4	4	4	4	4
		Output 29	5	5	5	5	5	5	5	5	5	5
		Output 30	6	6	6	6	6	6	6	6	6	6
		Output 31	7	7	7	7	7	7	7	7	7	7
		Output 32	8	8	8	8	8	8	8	8	8	8
417	8	CODES 71-80 OUTPUT SELECTION (Circle the numbers to disable)										
		User	71	72	73	74	75	76	77	78	79	80
		Output 25	1	1	1	1	1	1	1	1	1	1
		Output 26	2	2	2	2	2	2	2	2	2	2
		Output 27	3	3	3	3	3	3	3	3	3	3
		Output 28	4	4	4	4	4	4	4	4	4	4
		Output 29	5	5	5	5	5	5	5	5	5	5
		Output 30	6	6	6	6	6	6	6	6	6	6
		Output 31	7	7	7	7	7	7	7	7	7	7
		Output 32	8	8	8	8	8	8	8	8	8	8
418	8	CODES 81-90 OUTPUT SELECTION (Circle the numbers to disable)										
		User	81	82	83	84	85	86	87	88	89	90
		Output 25	1	1	1	1	1	1	1	1	1	1
		Output 26	2	2	2	2	2	2	2	2	2	2
		Output 27	3	3	3	3	3	3	3	3	3	3
		Output 28	4	4	4	4	4	4	4	4	4	4
		Output 29	5	5	5	5	5	5	5	5	5	5
		Output 30	6	6	6	6	6	6	6	6	6	6
		Output 31	7	7	7	7	7	7	7	7	7	7
		Output 32	8	8	8	8	8	8	8	8	8	8
419	8	CODES 91-100 OUTPUT SELECTION (Circle the numbers to disable)										
		User	91	92	93	94	95	96	97	98	99	100
		Output 25	1	1	1	1	1	1	1	1	1	1
		Output 26	2	2	2	2	2	2	2	2	2	2
		Output 27	3	3	3	3	3	3	3	3	3	3
		Output 28	4	4	4	4	4	4	4	4	4	4
		Output 29	5	5	5	5	5	5	5	5	5	5
		Output 30	6	6	6	6	6	6	6	6	6	6
		Output 31	7	7	7	7	7	7	7	7	7	7
		Output 32	8	8	8	8	8	8	8	8	8	8

LOC	PAGE	DESCRIPTION										
420	8	CODES 101-110 OUTPUT SELECTION (Circle the numbers to disable)										
		User	101	102	103	104	105	106	107	108	109	110
		Output 25	1	1	1	1	1	1	1	1	1	1
		Output 26	2	2	2	2	2	2	2	2	2	2
		Output 27	3	3	3	3	3	3	3	3	3	3
		Output 28	4	4	4	4	4	4	4	4	4	4
		Output 29	5	5	5	5	5	5	5	5	5	5
		Output 30	6	6	6	6	6	6	6	6	6	6
		Output 31	7	7	7	7	7	7	7	7	7	7
		Output 32	8	8	8	8	8	8	8	8	8	8
421	8	CODES 111-120 OUTPUT SELECTION (Circle the numbers to disable)										
		User	111	112	113	114	115	116	117	118	119	120
		Output 25	1	1	1	1	1	1	1	1	1	1
		Output 26	2	2	2	2	2	2	2	2	2	2
		Output 27	3	3	3	3	3	3	3	3	3	3
		Output 28	4	4	4	4	4	4	4	4	4	4
		Output 29	5	5	5	5	5	5	5	5	5	5
		Output 30	6	6	6	6	6	6	6	6	6	6
		Output 31	7	7	7	7	7	7	7	7	7	7
		Output 32	8	8	8	8	8	8	8	8	8	8
422	8	CODES 121-130 OUTPUT SELECTION (Circle the numbers to disable)										
		User	121	122	123	124	125	126	127	128	129	130
		Output 25	1	1	1	1	1	1	1	1	1	1
		Output 26	2	2	2	2	2	2	2	2	2	2
		Output 27	3	3	3	3	3	3	3	3	3	3
		Output 28	4	4	4	4	4	4	4	4	4	4
		Output 29	5	5	5	5	5	5	5	5	5	5
		Output 30	6	6	6	6	6	6	6	6	6	6
		Output 31	7	7	7	7	7	7	7	7	7	7
		Output 32	8	8	8	8	8	8	8	8	8	8
423	8	CODES 131-140 OUTPUT SELECTION (Circle the numbers to disable)										
		User	131	132	133	134	135	136	137	138	139	140
		Output 25	1	1	1	1	1	1	1	1	1	1
		Output 26	2	2	2	2	2	2	2	2	2	2
		Output 27	3	3	3	3	3	3	3	3	3	3
		Output 28	4	4	4	4	4	4	4	4	4	4
		Output 29	5	5	5	5	5	5	5	5	5	5
		Output 30	6	6	6	6	6	6	6	6	6	6
		Output 31	7	7	7	7	7	7	7	7	7	7
		Output 32	8	8	8	8	8	8	8	8	8	8
424	8	CODES 141-150 OUTPUT SELECTION (Circle the numbers to disable)										
		User	141	142	143	144	145	146	147	148	149	150
		Output 25	1	1	1	1	1	1	1	1	1	1
		Output 26	2	2	2	2	2	2	2	2	2	2
		Output 27	3	3	3	3	3	3	3	3	3	3
		Output 28	4	4	4	4	4	4	4	4	4	4
		Output 29	5	5	5	5	5	5	5	5	5	5
		Output 30	6	6	6	6	6	6	6	6	6	6
		Output 31	7	7	7	7	7	7	7	7	7	7
		Output 32	8	8	8	8	8	8	8	8	8	8

LOC	PAGE	DESCRIPTION										
425	8	CODES 151-160 OUTPUT SELECTION (Circle the numbers to disable)										
		User	151	152	153	154	155	156	157	158	159	160
		Output 25	1	1	1	1	1	1	1	1	1	1
		Output 26	2	2	2	2	2	2	2	2	2	2
		Output 27	3	3	3	3	3	3	3	3	3	3
		Output 28	4	4	4	4	4	4	4	4	4	4
		Output 29	5	5	5	5	5	5	5	5	5	5
		Output 30	6	6	6	6	6	6	6	6	6	6
		Output 31	7	7	7	7	7	7	7	7	7	7
		Output 32	8	8	8	8	8	8	8	8	8	8
426	8	CODES 161-170 OUTPUT SELECTION (Circle the numbers to disable)										
		User	161	162	163	164	165	166	167	168	169	170
		Output 25	1	1	1	1	1	1	1	1	1	1
		Output 26	2	2	2	2	2	2	2	2	2	2
		Output 27	3	3	3	3	3	3	3	3	3	3
		Output 28	4	4	4	4	4	4	4	4	4	4
		Output 29	5	5	5	5	5	5	5	5	5	5
		Output 30	6	6	6	6	6	6	6	6	6	6
		Output 31	7	7	7	7	7	7	7	7	7	7
		Output 32	8	8	8	8	8	8	8	8	8	8
427	8	CODES 171-180 OUTPUT SELECTION (Circle the numbers to disable)										
		User	171	172	173	174	175	176	177	178	179	180
		Output 25	1	1	1	1	1	1	1	1	1	1
		Output 26	2	2	2	2	2	2	2	2	2	2
		Output 27	3	3	3	3	3	3	3	3	3	3
		Output 28	4	4	4	4	4	4	4	4	4	4
		Output 29	5	5	5	5	5	5	5	5	5	5
		Output 30	6	6	6	6	6	6	6	6	6	6
		Output 31	7	7	7	7	7	7	7	7	7	7
		Output 32	8	8	8	8	8	8	8	8	8	8
428	8	CODES 181-190 OUTPUT SELECTION (Circle the numbers to disable)										
		User	181	182	183	184	185	186	187	188	189	190
		Output 25	1	1	1	1	1	1	1	1	1	1
		Output 26	2	2	2	2	2	2	2	2	2	2
		Output 27	3	3	3	3	3	3	3	3	3	3
		Output 28	4	4	4	4	4	4	4	4	4	4
		Output 29	5	5	5	5	5	5	5	5	5	5
		Output 30	6	6	6	6	6	6	6	6	6	6
		Output 31	7	7	7	7	7	7	7	7	7	7
		Output 32	8	8	8	8	8	8	8	8	8	8
429	8	CODES 191-200 OUTPUT SELECTION (Circle the numbers to disable)										
		User	191	192	193	194	195	196	197	198	199	200
		Output 25	1	1	1	1	1	1	1	1	1	1
		Output 26	2	2	2	2	2	2	2	2	2	2
		Output 27	3	3	3	3	3	3	3	3	3	3
		Output 28	4	4	4	4	4	4	4	4	4	4
		Output 29	5	5	5	5	5	5	5	5	5	5
		Output 30	6	6	6	6	6	6	6	6	6	6
		Output 31	7	7	7	7	7	7	7	7	7	7
		Output 32	8	8	8	8	8	8	8	8	8	8

LOC	PAGE	DESCRIPTION										
430	8	CODES 201-210 OUTPUT SELECTION (Circle the numbers to disable)										
		User	201	202	203	204	205	206	207	208	209	210
		Output 25	1	1	1	1	1	1	1	1	1	1
		Output 26	2	2	2	2	2	2	2	2	2	2
		Output 27	3	3	3	3	3	3	3	3	3	3
		Output 28	4	4	4	4	4	4	4	4	4	4
		Output 29	5	5	5	5	5	5	5	5	5	5
		Output 30	6	6	6	6	6	6	6	6	6	6
		Output 31	7	7	7	7	7	7	7	7	7	7
		Output 32	8	8	8	8	8	8	8	8	8	8
431	8	CODES 211-220 OUTPUT SELECTION (Circle the numbers to disable)										
		User	211	212	213	214	215	216	217	218	219	220
		Output 25	1	1	1	1	1	1	1	1	1	1
		Output 26	2	2	2	2	2	2	2	2	2	2
		Output 27	3	3	3	3	3	3	3	3	3	3
		Output 28	4	4	4	4	4	4	4	4	4	4
		Output 29	5	5	5	5	5	5	5	5	5	5
		Output 30	6	6	6	6	6	6	6	6	6	6
		Output 31	7	7	7	7	7	7	7	7	7	7
		Output 32	8	8	8	8	8	8	8	8	8	8
432	8	CODES 221-230 OUTPUT SELECTION (Circle the numbers to disable)										
		User	221	222	223	224	225	226	227	228	229	230
		Output 25	1	1	1	1	1	1	1	1	1	1
		Output 26	2	2	2	2	2	2	2	2	2	2
		Output 27	3	3	3	3	3	3	3	3	3	3
		Output 28	4	4	4	4	4	4	4	4	4	4
		Output 29	5	5	5	5	5	5	5	5	5	5
		Output 30	6	6	6	6	6	6	6	6	6	6
		Output 31	7	7	7	7	7	7	7	7	7	7
		Output 32	8	8	8	8	8	8	8	8	8	8
433	8	CODES 231-240 OUTPUT SELECTION (Circle the numbers to disable)										
		User	231	232	233	234	235	236	237	238	239	240
		Output 25	1	1	1	1	1	1	1	1	1	1
		Output 26	2	2	2	2	2	2	2	2	2	2
		Output 27	3	3	3	3	3	3	3	3	3	3
		Output 28	4	4	4	4	4	4	4	4	4	4
		Output 29	5	5	5	5	5	5	5	5	5	5
		Output 30	6	6	6	6	6	6	6	6	6	6
		Output 31	7	7	7	7	7	7	7	7	7	7
		Output 32	8	8	8	8	8	8	8	8	8	8
434	8	CODES 1-10 OUTPUT SELECTION (Circle the numbers to disable)										
		User	1	2	3	4	5	6	7	8	9	10
		Output 33	1	1	1	1	1	1	1	1	1	1
		Output 34	2	2	2	2	2	2	2	2	2	2
		Output 35	3	3	3	3	3	3	3	3	3	3
		Output 36	4	4	4	4	4	4	4	4	4	4
		Output 37	5	5	5	5	5	5	5	5	5	5
		Output 38	6	6	6	6	6	6	6	6	6	6
		Output 39	7	7	7	7	7	7	7	7	7	7
		Output 40	8	8	8	8	8	8	8	8	8	8

LOC	PAGE	DESCRIPTION										
435	8	CODES 11-20 OUTPUT SELECTION (Circle the numbers to disable)										
		User	11	12	13	14	15	16	17	18	19	20
		Output 33	1	1	1	1	1	1	1	1	1	1
		Output 34	2	2	2	2	2	2	2	2	2	2
		Output 35	3	3	3	3	3	3	3	3	3	3
		Output 36	4	4	4	4	4	4	4	4	4	4
		Output 37	5	5	5	5	5	5	5	5	5	5
		Output 38	6	6	6	6	6	6	6	6	6	6
		Output 39	7	7	7	7	7	7	7	7	7	7
		Output 40	8	8	8	8	8	8	8	8	8	8
436	8	CODES 21-30 OUTPUT SELECTION (Circle the numbers to disable)										
		User	21	22	23	24	25	26	27	28	29	30
		Output 33	1	1	1	1	1	1	1	1	1	1
		Output 34	2	2	2	2	2	2	2	2	2	2
		Output 35	3	3	3	3	3	3	3	3	3	3
		Output 36	4	4	4	4	4	4	4	4	4	4
		Output 37	5	5	5	5	5	5	5	5	5	5
		Output 38	6	6	6	6	6	6	6	6	6	6
		Output 39	7	7	7	7	7	7	7	7	7	7
		Output 40	8	8	8	8	8	8	8	8	8	8
437	8	CODES 31-40 OUTPUT SELECTION (Circle the numbers to disable)										
		User	31	32	33	34	35	36	37	38	39	40
		Output 33	1	1	1	1	1	1	1	1	1	1
		Output 34	2	2	2	2	2	2	2	2	2	2
		Output 35	3	3	3	3	3	3	3	3	3	3
		Output 36	4	4	4	4	4	4	4	4	4	4
		Output 37	5	5	5	5	5	5	5	5	5	5
		Output 38	6	6	6	6	6	6	6	6	6	6
		Output 39	7	7	7	7	7	7	7	7	7	7
		Output 40	8	8	8	8	8	8	8	8	8	8
438	8	CODES 41-50 OUTPUT SELECTION (Circle the numbers to disable)										
		User	41	42	43	44	45	46	47	48	49	50
		Output 33	1	1	1	1	1	1	1	1	1	1
		Output 34	2	2	2	2	2	2	2	2	2	2
		Output 35	3	3	3	3	3	3	3	3	3	3
		Output 36	4	4	4	4	4	4	4	4	4	4
		Output 37	5	5	5	5	5	5	5	5	5	5
		Output 38	6	6	6	6	6	6	6	6	6	6
		Output 39	7	7	7	7	7	7	7	7	7	7
		Output 40	8	8	8	8	8	8	8	8	8	8
439	8	CODES 51-60 OUTPUT SELECTION (Circle the numbers to disable)										
		User	51	52	53	54	55	56	57	58	59	60
		Output 33	1	1	1	1	1	1	1	1	1	1
		Output 34	2	2	2	2	2	2	2	2	2	2
		Output 35	3	3	3	3	3	3	3	3	3	3
		Output 36	4	4	4	4	4	4	4	4	4	4
		Output 37	5	5	5	5	5	5	5	5	5	5
		Output 38	6	6	6	6	6	6	6	6	6	6
		Output 39	7	7	7	7	7	7	7	7	7	7
		Output 40	8	8	8	8	8	8	8	8	8	8

LOC	PAGE	DESCRIPTION										
440	8	CODES 61-70 OUTPUT SELECTION (Circle the numbers to disable)										
		User	61	62	63	64	65	66	67	68	69	70
		Output 33	1	1	1	1	1	1	1	1	1	1
		Output 34	2	2	2	2	2	2	2	2	2	2
		Output 35	3	3	3	3	3	3	3	3	3	3
		Output 36	4	4	4	4	4	4	4	4	4	4
		Output 37	5	5	5	5	5	5	5	5	5	5
		Output 38	6	6	6	6	6	6	6	6	6	6
		Output 39	7	7	7	7	7	7	7	7	7	7
		Output 40	8	8	8	8	8	8	8	8	8	8
441	8	CODES 71-80 OUTPUT SELECTION (Circle the numbers to disable)										
		User	71	72	73	74	75	76	77	78	79	80
		Output 33	1	1	1	1	1	1	1	1	1	1
		Output 34	2	2	2	2	2	2	2	2	2	2
		Output 35	3	3	3	3	3	3	3	3	3	3
		Output 36	4	4	4	4	4	4	4	4	4	4
		Output 37	5	5	5	5	5	5	5	5	5	5
		Output 38	6	6	6	6	6	6	6	6	6	6
		Output 39	7	7	7	7	7	7	7	7	7	7
		Output 40	8	8	8	8	8	8	8	8	8	8
442	8	CODES 81-90 OUTPUT SELECTION (Circle the numbers to disable)										
		User	81	82	83	84	85	86	87	88	89	90
		Output 33	1	1	1	1	1	1	1	1	1	1
		Output 34	2	2	2	2	2	2	2	2	2	2
		Output 35	3	3	3	3	3	3	3	3	3	3
		Output 36	4	4	4	4	4	4	4	4	4	4
		Output 37	5	5	5	5	5	5	5	5	5	5
		Output 38	6	6	6	6	6	6	6	6	6	6
		Output 39	7	7	7	7	7	7	7	7	7	7
		Output 40	8	8	8	8	8	8	8	8	8	8
443	8	CODES 91-100 OUTPUT SELECTION (Circle the numbers to disable)										
		User	91	92	93	94	95	96	97	98	99	100
		Output 33	1	1	1	1	1	1	1	1	1	1
		Output 34	2	2	2	2	2	2	2	2	2	2
		Output 35	3	3	3	3	3	3	3	3	3	3
		Output 36	4	4	4	4	4	4	4	4	4	4
		Output 37	5	5	5	5	5	5	5	5	5	5
		Output 38	6	6	6	6	6	6	6	6	6	6
		Output 39	7	7	7	7	7	7	7	7	7	7
		Output 40	8	8	8	8	8	8	8	8	8	8
444	8	CODES 101-110 OUTPUT SELECTION (Circle the numbers to disable)										
		User	101	102	103	104	105	106	107	108	109	110
		Output 33	1	1	1	1	1	1	1	1	1	1
		Output 34	2	2	2	2	2	2	2	2	2	2
		Output 35	3	3	3	3	3	3	3	3	3	3
		Output 36	4	4	4	4	4	4	4	4	4	4
		Output 37	5	5	5	5	5	5	5	5	5	5
		Output 38	6	6	6	6	6	6	6	6	6	6
		Output 39	7	7	7	7	7	7	7	7	7	7
		Output 40	8	8	8	8	8	8	8	8	8	8

LOC	PAGE	DESCRIPTION										
445	8	CODES 111-120 OUTPUT SELECTION (Circle the numbers to disable)										
		User	111	112	113	114	115	116	117	118	119	120
		Output 33	1	1	1	1	1	1	1	1	1	1
		Output 34	2	2	2	2	2	2	2	2	2	2
		Output 35	3	3	3	3	3	3	3	3	3	3
		Output 36	4	4	4	4	4	4	4	4	4	4
		Output 37	5	5	5	5	5	5	5	5	5	5
		Output 38	6	6	6	6	6	6	6	6	6	6
		Output 39	7	7	7	7	7	7	7	7	7	7
		Output 40	8	8	8	8	8	8	8	8	8	8
446	8	CODES 121-130 OUTPUT SELECTION (Circle the numbers to disable)										
		User	121	122	123	124	125	126	127	128	129	130
		Output 33	1	1	1	1	1	1	1	1	1	1
		Output 34	2	2	2	2	2	2	2	2	2	2
		Output 35	3	3	3	3	3	3	3	3	3	3
		Output 36	4	4	4	4	4	4	4	4	4	4
		Output 37	5	5	5	5	5	5	5	5	5	5
		Output 38	6	6	6	6	6	6	6	6	6	6
		Output 39	7	7	7	7	7	7	7	7	7	7
		Output 40	8	8	8	8	8	8	8	8	8	8
447	8	CODES 131-140 OUTPUT SELECTION (Circle the numbers to disable)										
		User	131	132	133	134	135	136	137	138	139	140
		Output 33	1	1	1	1	1	1	1	1	1	1
		Output 34	2	2	2	2	2	2	2	2	2	2
		Output 35	3	3	3	3	3	3	3	3	3	3
		Output 36	4	4	4	4	4	4	4	4	4	4
		Output 37	5	5	5	5	5	5	5	5	5	5
		Output 38	6	6	6	6	6	6	6	6	6	6
		Output 39	7	7	7	7	7	7	7	7	7	7
		Output 40	8	8	8	8	8	8	8	8	8	8
448	8	CODES 141-150 OUTPUT SELECTION (Circle the numbers to disable)										
		User	141	142	143	144	145	146	147	148	149	150
		Output 33	1	1	1	1	1	1	1	1	1	1
		Output 34	2	2	2	2	2	2	2	2	2	2
		Output 35	3	3	3	3	3	3	3	3	3	3
		Output 36	4	4	4	4	4	4	4	4	4	4
		Output 37	5	5	5	5	5	5	5	5	5	5
		Output 38	6	6	6	6	6	6	6	6	6	6
		Output 39	7	7	7	7	7	7	7	7	7	7
		Output 40	8	8	8	8	8	8	8	8	8	8
449	8	CODES 151-160 OUTPUT SELECTION (Circle the numbers to disable)										
		User	151	152	153	154	155	156	157	158	159	160
		Output 33	1	1	1	1	1	1	1	1	1	1
		Output 34	2	2	2	2	2	2	2	2	2	2
		Output 35	3	3	3	3	3	3	3	3	3	3
		Output 36	4	4	4	4	4	4	4	4	4	4
		Output 37	5	5	5	5	5	5	5	5	5	5
		Output 38	6	6	6	6	6	6	6	6	6	6
		Output 39	7	7	7	7	7	7	7	7	7	7
		Output 40	8	8	8	8	8	8	8	8	8	8

LOC	PAGE	DESCRIPTION										
450	8	CODES 161-170 OUTPUT SELECTION (Circle the numbers to disable)										
		User	161	162	163	164	165	166	167	168	169	170
		Output 33	1	1	1	1	1	1	1	1	1	1
		Output 34	2	2	2	2	2	2	2	2	2	2
		Output 35	3	3	3	3	3	3	3	3	3	3
		Output 36	4	4	4	4	4	4	4	4	4	4
		Output 37	5	5	5	5	5	5	5	5	5	5
		Output 38	6	6	6	6	6	6	6	6	6	6
		Output 39	7	7	7	7	7	7	7	7	7	7
		Output 40	8	8	8	8	8	8	8	8	8	8
451	8	CODES 171-180 OUTPUT SELECTION (Circle the numbers to disable)										
		User	171	172	173	174	175	176	177	178	179	180
		Output 33	1	1	1	1	1	1	1	1	1	1
		Output 34	2	2	2	2	2	2	2	2	2	2
		Output 35	3	3	3	3	3	3	3	3	3	3
		Output 36	4	4	4	4	4	4	4	4	4	4
		Output 37	5	5	5	5	5	5	5	5	5	5
		Output 38	6	6	6	6	6	6	6	6	6	6
		Output 39	7	7	7	7	7	7	7	7	7	7
		Output 40	8	8	8	8	8	8	8	8	8	8
452	8	CODES 181-190 OUTPUT SELECTION (Circle the numbers to disable)										
		User	181	182	183	184	185	186	187	188	189	190
		Output 33	1	1	1	1	1	1	1	1	1	1
		Output 34	2	2	2	2	2	2	2	2	2	2
		Output 35	3	3	3	3	3	3	3	3	3	3
		Output 36	4	4	4	4	4	4	4	4	4	4
		Output 37	5	5	5	5	5	5	5	5	5	5
		Output 38	6	6	6	6	6	6	6	6	6	6
		Output 39	7	7	7	7	7	7	7	7	7	7
		Output 40	8	8	8	8	8	8	8	8	8	8
453	8	CODES 191-200 OUTPUT SELECTION (Circle the numbers to disable)										
		User	191	192	193	194	195	196	197	198	199	200
		Output 33	1	1	1	1	1	1	1	1	1	1
		Output 34	2	2	2	2	2	2	2	2	2	2
		Output 35	3	3	3	3	3	3	3	3	3	3
		Output 36	4	4	4	4	4	4	4	4	4	4
		Output 37	5	5	5	5	5	5	5	5	5	5
		Output 38	6	6	6	6	6	6	6	6	6	6
		Output 39	7	7	7	7	7	7	7	7	7	7
		Output 40	8	8	8	8	8	8	8	8	8	8
454	8	CODES 201-210 OUTPUT SELECTION (Circle the numbers to disable)										
		User	201	202	203	204	205	206	207	208	209	210
		Output 33	1	1	1	1	1	1	1	1	1	1
		Output 34	2	2	2	2	2	2	2	2	2	2
		Output 35	3	3	3	3	3	3	3	3	3	3
		Output 36	4	4	4	4	4	4	4	4	4	4
		Output 37	5	5	5	5	5	5	5	5	5	5
		Output 38	6	6	6	6	6	6	6	6	6	6
		Output 39	7	7	7	7	7	7	7	7	7	7
		Output 40	8	8	8	8	8	8	8	8	8	8

LOC	PAGE	DESCRIPTION										
455	8	CODES 211-220 OUTPUT SELECTION (Circle the numbers to disable)										
		User	211	212	213	214	215	216	217	218	219	220
		Output 33	1	1	1	1	1	1	1	1	1	1
		Output 34	2	2	2	2	2	2	2	2	2	2
		Output 35	3	3	3	3	3	3	3	3	3	3
		Output 36	4	4	4	4	4	4	4	4	4	4
		Output 37	5	5	5	5	5	5	5	5	5	5
		Output 38	6	6	6	6	6	6	6	6	6	6
		Output 39	7	7	7	7	7	7	7	7	7	7
		Output 40	8	8	8	8	8	8	8	8	8	8
456	8	CODES 221-230 OUTPUT SELECTION (Circle the numbers to disable)										
		User	221	222	223	224	225	226	227	228	229	230
		Output 33	1	1	1	1	1	1	1	1	1	1
		Output 34	2	2	2	2	2	2	2	2	2	2
		Output 35	3	3	3	3	3	3	3	3	3	3
		Output 36	4	4	4	4	4	4	4	4	4	4
		Output 37	5	5	5	5	5	5	5	5	5	5
		Output 38	6	6	6	6	6	6	6	6	6	6
		Output 39	7	7	7	7	7	7	7	7	7	7
		Output 40	8	8	8	8	8	8	8	8	8	8
457	8	CODES 231-240 OUTPUT SELECTION (Circle the numbers to disable)										
		User	231	232	233	234	235	236	237	238	239	240
		Output 33	1	1	1	1	1	1	1	1	1	1
		Output 34	2	2	2	2	2	2	2	2	2	2
		Output 35	3	3	3	3	3	3	3	3	3	3
		Output 36	4	4	4	4	4	4	4	4	4	4
		Output 37	5	5	5	5	5	5	5	5	5	5
		Output 38	6	6	6	6	6	6	6	6	6	6
		Output 39	7	7	7	7	7	7	7	7	7	7
		Output 40	8	8	8	8	8	8	8	8	8	8
458	9	CODES 1-10 OUTPUT SELECTION (Circle the numbers to disable)										
		User	1	2	3	4	5	6	7	8	9	10
		Output 41	1	1	1	1	1	1	1	1	1	1
		Output 42	2	2	2	2	2	2	2	2	2	2
		Output 43	3	3	3	3	3	3	3	3	3	3
		Output 44	4	4	4	4	4	4	4	4	4	4
		Output 45	5	5	5	5	5	5	5	5	5	5
		Output 46	6	6	6	6	6	6	6	6	6	6
		Output 47	7	7	7	7	7	7	7	7	7	7
		Output 48	8	8	8	8	8	8	8	8	8	8
459	9	CODES 11-20 OUTPUT SELECTION (Circle the numbers to disable)										
		User	11	12	13	14	15	16	17	18	19	20
		Output 41	1	1	1	1	1	1	1	1	1	1
		Output 42	2	2	2	2	2	2	2	2	2	2
		Output 43	3	3	3	3	3	3	3	3	3	3
		Output 44	4	4	4	4	4	4	4	4	4	4
		Output 45	5	5	5	5	5	5	5	5	5	5
		Output 46	6	6	6	6	6	6	6	6	6	6
		Output 47	7	7	7	7	7	7	7	7	7	7
		Output 48	8	8	8	8	8	8	8	8	8	8

LOC	PAGE	DESCRIPTION										
460	9	CODES 21-30 OUTPUT SELECTION (Circle the numbers to disable)										
		User	21	22	23	24	25	26	27	28	29	30
		Output 41	1	1	1	1	1	1	1	1	1	1
		Output 42	2	2	2	2	2	2	2	2	2	2
		Output 43	3	3	3	3	3	3	3	3	3	3
		Output 44	4	4	4	4	4	4	4	4	4	4
		Output 45	5	5	5	5	5	5	5	5	5	5
		Output 46	6	6	6	6	6	6	6	6	6	6
		Output 47	7	7	7	7	7	7	7	7	7	7
		Output 48	8	8	8	8	8	8	8	8	8	8
461	9	CODES 31-40 OUTPUT SELECTION (Circle the numbers to disable)										
		User	31	32	33	34	35	36	37	38	39	40
		Output 41	1	1	1	1	1	1	1	1	1	1
		Output 42	2	2	2	2	2	2	2	2	2	2
		Output 43	3	3	3	3	3	3	3	3	3	3
		Output 44	4	4	4	4	4	4	4	4	4	4
		Output 45	5	5	5	5	5	5	5	5	5	5
		Output 46	6	6	6	6	6	6	6	6	6	6
		Output 47	7	7	7	7	7	7	7	7	7	7
		Output 48	8	8	8	8	8	8	8	8	8	8
462	9	CODES 41-50 OUTPUT SELECTION (Circle the numbers to disable)										
		User	41	42	43	44	45	46	47	48	49	50
		Output 41	1	1	1	1	1	1	1	1	1	1
		Output 42	2	2	2	2	2	2	2	2	2	2
		Output 43	3	3	3	3	3	3	3	3	3	3
		Output 44	4	4	4	4	4	4	4	4	4	4
		Output 45	5	5	5	5	5	5	5	5	5	5
		Output 46	6	6	6	6	6	6	6	6	6	6
		Output 47	7	7	7	7	7	7	7	7	7	7
		Output 48	8	8	8	8	8	8	8	8	8	8
463	9	CODES 51-60 OUTPUT SELECTION (Circle the numbers to disable)										
		User	51	52	53	54	55	56	57	58	59	60
		Output 41	1	1	1	1	1	1	1	1	1	1
		Output 42	2	2	2	2	2	2	2	2	2	2
		Output 43	3	3	3	3	3	3	3	3	3	3
		Output 44	4	4	4	4	4	4	4	4	4	4
		Output 45	5	5	5	5	5	5	5	5	5	5
		Output 46	6	6	6	6	6	6	6	6	6	6
		Output 47	7	7	7	7	7	7	7	7	7	7
		Output 48	8	8	8	8	8	8	8	8	8	8
464	9	CODES 61-70 OUTPUT SELECTION (Circle the numbers to disable)										
		User	61	62	63	64	65	66	67	68	69	70
		Output 41	1	1	1	1	1	1	1	1	1	1
		Output 42	2	2	2	2	2	2	2	2	2	2
		Output 43	3	3	3	3	3	3	3	3	3	3
		Output 44	4	4	4	4	4	4	4	4	4	4
		Output 45	5	5	5	5	5	5	5	5	5	5
		Output 46	6	6	6	6	6	6	6	6	6	6
		Output 47	7	7	7	7	7	7	7	7	7	7
		Output 48	8	8	8	8	8	8	8	8	8	8

LOC	PAGE	DESCRIPTION										
465	9	CODES 71-80 OUTPUT SELECTION (Circle the numbers to disable)										
		User	71	72	73	74	75	76	77	78	79	80
		Output 41	1	1	1	1	1	1	1	1	1	1
		Output 42	2	2	2	2	2	2	2	2	2	2
		Output 43	3	3	3	3	3	3	3	3	3	3
		Output 44	4	4	4	4	4	4	4	4	4	4
		Output 45	5	5	5	5	5	5	5	5	5	5
		Output 46	6	6	6	6	6	6	6	6	6	6
		Output 47	7	7	7	7	7	7	7	7	7	7
		Output 48	8	8	8	8	8	8	8	8	8	8
466	9	CODES 81-90 OUTPUT SELECTION (Circle the numbers to disable)										
		User	81	82	83	84	85	86	87	88	89	90
		Output 41	1	1	1	1	1	1	1	1	1	1
		Output 42	2	2	2	2	2	2	2	2	2	2
		Output 43	3	3	3	3	3	3	3	3	3	3
		Output 44	4	4	4	4	4	4	4	4	4	4
		Output 45	5	5	5	5	5	5	5	5	5	5
		Output 46	6	6	6	6	6	6	6	6	6	6
		Output 47	7	7	7	7	7	7	7	7	7	7
		Output 48	8	8	8	8	8	8	8	8	8	8
467	9	CODES 91-100 OUTPUT SELECTION (Circle the numbers to disable)										
		User	91	92	93	94	95	96	97	98	99	100
		Output 41	1	1	1	1	1	1	1	1	1	1
		Output 42	2	2	2	2	2	2	2	2	2	2
		Output 43	3	3	3	3	3	3	3	3	3	3
		Output 44	4	4	4	4	4	4	4	4	4	4
		Output 45	5	5	5	5	5	5	5	5	5	5
		Output 46	6	6	6	6	6	6	6	6	6	6
		Output 47	7	7	7	7	7	7	7	7	7	7
		Output 48	8	8	8	8	8	8	8	8	8	8
468	9	CODES 101-110 OUTPUT SELECTION (Circle the numbers to disable)										
		User	101	102	103	104	105	106	107	108	109	110
		Output 41	1	1	1	1	1	1	1	1	1	1
		Output 42	2	2	2	2	2	2	2	2	2	2
		Output 43	3	3	3	3	3	3	3	3	3	3
		Output 44	4	4	4	4	4	4	4	4	4	4
		Output 45	5	5	5	5	5	5	5	5	5	5
		Output 46	6	6	6	6	6	6	6	6	6	6
		Output 47	7	7	7	7	7	7	7	7	7	7
		Output 48	8	8	8	8	8	8	8	8	8	8
469	9	CODES 111-120 OUTPUT SELECTION (Circle the numbers to disable)										
		User	111	112	113	114	115	116	117	118	119	120
		Output 41	1	1	1	1	1	1	1	1	1	1
		Output 42	2	2	2	2	2	2	2	2	2	2
		Output 43	3	3	3	3	3	3	3	3	3	3
		Output 44	4	4	4	4	4	4	4	4	4	4
		Output 45	5	5	5	5	5	5	5	5	5	5
		Output 46	6	6	6	6	6	6	6	6	6	6
		Output 47	7	7	7	7	7	7	7	7	7	7
		Output 48	8	8	8	8	8	8	8	8	8	8

LOC	PAGE	DESCRIPTION										
470	9	CODES 121-130 OUTPUT SELECTION (Circle the numbers to disable)										
		User	121	122	123	124	125	126	127	128	129	130
		Output 41	1	1	1	1	1	1	1	1	1	1
		Output 42	2	2	2	2	2	2	2	2	2	2
		Output 43	3	3	3	3	3	3	3	3	3	3
		Output 44	4	4	4	4	4	4	4	4	4	4
		Output 45	5	5	5	5	5	5	5	5	5	5
		Output 46	6	6	6	6	6	6	6	6	6	6
		Output 47	7	7	7	7	7	7	7	7	7	7
		Output 48	8	8	8	8	8	8	8	8	8	8
471	9	CODES 131-140 OUTPUT SELECTION (Circle the numbers to disable)										
		User	131	132	133	134	135	136	137	138	139	140
		Output 41	1	1	1	1	1	1	1	1	1	1
		Output 42	2	2	2	2	2	2	2	2	2	2
		Output 43	3	3	3	3	3	3	3	3	3	3
		Output 44	4	4	4	4	4	4	4	4	4	4
		Output 45	5	5	5	5	5	5	5	5	5	5
		Output 46	6	6	6	6	6	6	6	6	6	6
		Output 47	7	7	7	7	7	7	7	7	7	7
		Output 48	8	8	8	8	8	8	8	8	8	8
472	9	CODES 141-150 OUTPUT SELECTION (Circle the numbers to disable)										
		User	141	142	143	144	145	146	147	148	149	150
		Output 41	1	1	1	1	1	1	1	1	1	1
		Output 42	2	2	2	2	2	2	2	2	2	2
		Output 43	3	3	3	3	3	3	3	3	3	3
		Output 44	4	4	4	4	4	4	4	4	4	4
		Output 45	5	5	5	5	5	5	5	5	5	5
		Output 46	6	6	6	6	6	6	6	6	6	6
		Output 47	7	7	7	7	7	7	7	7	7	7
		Output 48	8	8	8	8	8	8	8	8	8	8
473	9	CODES 151-160 OUTPUT SELECTION (Circle the numbers to disable)										
		User	151	152	153	154	155	156	157	158	159	160
		Output 41	1	1	1	1	1	1	1	1	1	1
		Output 42	2	2	2	2	2	2	2	2	2	2
		Output 43	3	3	3	3	3	3	3	3	3	3
		Output 44	4	4	4	4	4	4	4	4	4	4
		Output 45	5	5	5	5	5	5	5	5	5	5
		Output 46	6	6	6	6	6	6	6	6	6	6
		Output 47	7	7	7	7	7	7	7	7	7	7
		Output 48	8	8	8	8	8	8	8	8	8	8
474	9	CODES 161-170 OUTPUT SELECTION (Circle the numbers to disable)										
		User	161	162	163	164	165	166	167	168	169	170
		Output 41	1	1	1	1	1	1	1	1	1	1
		Output 42	2	2	2	2	2	2	2	2	2	2
		Output 43	3	3	3	3	3	3	3	3	3	3
		Output 44	4	4	4	4	4	4	4	4	4	4
		Output 45	5	5	5	5	5	5	5	5	5	5
		Output 46	6	6	6	6	6	6	6	6	6	6
		Output 47	7	7	7	7	7	7	7	7	7	7
		Output 48	8	8	8	8	8	8	8	8	8	8

LOC	PAGE	DESCRIPTION										
475	9	CODES 171-180 OUTPUT SELECTION (Circle the numbers to disable)										
		User	171	172	173	174	175	176	177	178	179	180
		Output 41	1	1	1	1	1	1	1	1	1	1
		Output 42	2	2	2	2	2	2	2	2	2	2
		Output 43	3	3	3	3	3	3	3	3	3	3
		Output 44	4	4	4	4	4	4	4	4	4	4
		Output 45	5	5	5	5	5	5	5	5	5	5
		Output 46	6	6	6	6	6	6	6	6	6	6
		Output 47	7	7	7	7	7	7	7	7	7	7
		Output 48	8	8	8	8	8	8	8	8	8	8
476	9	CODES 181-190 OUTPUT SELECTION (Circle the numbers to disable)										
		User	181	182	183	184	185	186	187	188	189	190
		Output 41	1	1	1	1	1	1	1	1	1	1
		Output 42	2	2	2	2	2	2	2	2	2	2
		Output 43	3	3	3	3	3	3	3	3	3	3
		Output 44	4	4	4	4	4	4	4	4	4	4
		Output 45	5	5	5	5	5	5	5	5	5	5
		Output 46	6	6	6	6	6	6	6	6	6	6
		Output 47	7	7	7	7	7	7	7	7	7	7
		Output 48	8	8	8	8	8	8	8	8	8	8
477	9	CODES 191-200 OUTPUT SELECTION (Circle the numbers to disable)										
		User	191	192	193	194	195	196	197	198	199	200
		Output 41	1	1	1	1	1	1	1	1	1	1
		Output 42	2	2	2	2	2	2	2	2	2	2
		Output 43	3	3	3	3	3	3	3	3	3	3
		Output 44	4	4	4	4	4	4	4	4	4	4
		Output 45	5	5	5	5	5	5	5	5	5	5
		Output 46	6	6	6	6	6	6	6	6	6	6
		Output 47	7	7	7	7	7	7	7	7	7	7
		Output 48	8	8	8	8	8	8	8	8	8	8
478	9	CODES 201-210 OUTPUT SELECTION (Circle the numbers to disable)										
		User	201	202	203	204	205	206	207	208	209	210
		Output 41	1	1	1	1	1	1	1	1	1	1
		Output 42	2	2	2	2	2	2	2	2	2	2
		Output 43	3	3	3	3	3	3	3	3	3	3
		Output 44	4	4	4	4	4	4	4	4	4	4
		Output 45	5	5	5	5	5	5	5	5	5	5
		Output 46	6	6	6	6	6	6	6	6	6	6
		Output 47	7	7	7	7	7	7	7	7	7	7
		Output 48	8	8	8	8	8	8	8	8	8	8
479	9	CODES 211-220 OUTPUT SELECTION (Circle the numbers to disable)										
		User	211	212	213	214	215	216	217	218	219	220
		Output 41	1	1	1	1	1	1	1	1	1	1
		Output 42	2	2	2	2	2	2	2	2	2	2
		Output 43	3	3	3	3	3	3	3	3	3	3
		Output 44	4	4	4	4	4	4	4	4	4	4
		Output 45	5	5	5	5	5	5	5	5	5	5
		Output 46	6	6	6	6	6	6	6	6	6	6
		Output 47	7	7	7	7	7	7	7	7	7	7
		Output 48	8	8	8	8	8	8	8	8	8	8

LOC	PAGE	DESCRIPTION										
480	9	CODES 221-230 OUTPUT SELECTION (Circle the numbers to disable)										
		User	221	222	223	224	225	226	227	228	229	230
		Output 41	1	1	1	1	1	1	1	1	1	1
		Output 42	2	2	2	2	2	2	2	2	2	2
		Output 43	3	3	3	3	3	3	3	3	3	3
		Output 44	4	4	4	4	4	4	4	4	4	4
		Output 45	5	5	5	5	5	5	5	5	5	5
		Output 46	6	6	6	6	6	6	6	6	6	6
		Output 47	7	7	7	7	7	7	7	7	7	7
		Output 48	8	8	8	8	8	8	8	8	8	8
481	9	CODES 231-240 OUTPUT SELECTION (Circle the numbers to disable)										
		User	231	232	233	234	235	236	237	238	239	240
		Output 41	1	1	1	1	1	1	1	1	1	1
		Output 42	2	2	2	2	2	2	2	2	2	2
		Output 43	3	3	3	3	3	3	3	3	3	3
		Output 44	4	4	4	4	4	4	4	4	4	4
		Output 45	5	5	5	5	5	5	5	5	5	5
		Output 46	6	6	6	6	6	6	6	6	6	6
		Output 47	7	7	7	7	7	7	7	7	7	7
		Output 48	8	8	8	8	8	8	8	8	8	8

## 12. Appendix 1 PinPoint System Address Worksheet

PID Address Number	Zone	Installation Location	Device Type	Address Switch Setting
0				
1				1 _____
2				_____ 2 _____
3				1 2 _____
4				____ 3 _____
5				1 _ 3 _____
6				_____ 2 3 _____
7				1 2 3 _____
8				_____ 4 _____
9				1 _ 4 _____
10				_____ 2 _ 4 _____
11				1 2 _ 4 _____
12				_____ 3 4 _____
13				1 _ 3 4 _____
14				_____ 2 3 4 _____
15				1 2 3 4 _____
16				_____ 5 _____
17				1 _ _____ 5 _____
18				_____ 2 _ 5 _____
19				1 2 _ _____ 5 _____
20				_____ 3 _ 5 _____
21				1 _ 3 _ 5 _____
22				_____ 2 3 _ 5 _____
23				1 2 3 _ 5 _____
24				_____ 4 5 _____
25				1 _ 4 5 _____

PID Address	Zone Number	Installation Location	Device Type	Address Switch Setting
26				_ 2 _ 4 5 _ _ _
27				1 2 _ 4 5 _ _ _
28				_ _ 3 4 5 _ _ _
29				1 _ 3 4 5 _ _ _
30				_ 2 3 4 5 _ _ _
31				1 2 3 4 5 _ _ _
32				_ _ _ _ 6 _ _
33				1 _ _ _ 6 _ _
34				_ 2 _ _ 6 _ _
35				1 2 _ _ 6 _ _
36				_ _ 3 _ _ 6 _ _
37				1 _ 3 _ _ 6 _ _
38				_ 2 3 _ _ 6 _ _
39				1 2 3 _ _ 6 _ _
40				_ _ _ 4 _ 6 _ _
41				1 _ _ 4 _ 6 _ _
42				_ 2 _ 4 _ 6 _ _
43				1 2 _ 4 _ 6 _ _
44				_ _ 3 4 _ 6 _ _
45				1 _ 3 4 _ 6 _ _
46				_ 2 3 4 _ 6 _ _
47				1 2 3 4 _ 6 _ _
48				_ _ _ _ 5 6 _ _
49				1 _ _ _ 5 6 _ _
50				_ 2 _ _ 5 6 _ _
51				1 2 _ _ 5 6 _ _
52				_ _ 3 _ _ 5 6 _ _
53				1 _ 3 _ _ 5 6 _ _
54				_ 2 3 _ _ 5 6 _ _
55				1 2 3 _ _ 5 6 _ _
56				_ _ _ _ 4 5 6 _ _
57				1 _ _ 4 5 6 _ _
58				_ 2 _ 4 5 6 _ _
59				1 2 _ 4 5 6 _ _
60				_ _ 3 4 5 6 _ _
61				1 _ 3 4 5 6 _ _
62				_ 2 3 4 5 6 _ _
63				1 2 3 4 5 6 _ _
64				_ _ _ _ _ 7 _ _
64				_ _ _ _ _ 7 _ _
65				1 _ _ _ _ 7 _ _
66				_ 2 _ _ _ 7 _ _
67				1 2 _ _ _ 7 _ _
68				_ _ 3 _ _ _ 7 _ _
69				1 _ 3 _ _ _ 7 _ _
70				_ 2 3 _ _ _ 7 _ _
71				1 2 3 _ _ _ 7 _ _
72				_ _ _ 4 _ _ 7 _ _
73				1 _ _ 4 _ _ 7 _ _

PID Address	Zone Number	Installation Location	Device Type	Address Switch Setting
74				_2_4__7_
75				12_4__7_
76				_34__7_
77				1_34__7_
78				_234__7_
79				1234__7_
80				____5_7_
81				1___5_7_
82				_2___5_7_
83				12___5_7_
84				_3___5_7_
85				1_3___5_7_
86				_23___5_7_
87				123___5_7_
88				____45_7_
89				1___45_7_
90				_2___45_7_
91				12___45_7_
92				_345___7_
93				1_345___7_
94				_2345___7_
95				12345___7_
96				_____67_
97				1___67_
98				_2___67_
99				12___67_
100				_3___67_
101				1_3___67_
102				_23___67_
103				123___67_
104				____4_67_
105				1___4_67_
106				_2___4_67_
107				12___4_67_
108				_34_67_
109				1_34_67_
110				_234_67_
111				1234_67_
112				____567_
113				1___567_
114				_2___567_
115				12___567_
116				_3___567_
117				1_3___567_
118				_23___567_
119				123___567_
120				____4567_

PID Address	Zone Number	Installation Location	Device Type	Address Switch Setting
121				1 _ _ 4 5 6 7 _
122				_ 2 _ 4 5 6 7 _
123				1 2 _ 4 5 6 7 _
124				_ _ 3 4 5 6 7 _
125				1 _ 3 4 5 6 7 _
126				_ 2 3 4 5 6 7 _
127				1 2 3 4 5 6 7 _
128				_ _ _ _ _ 8
129				1 _ _ _ _ 8
130				_ 2 _ _ _ 8
131				1 2 _ _ _ 8
132				_ _ 3 _ _ _ 8
133				1 _ 3 _ _ _ 8
134				_ 2 3 _ _ _ 8
135				1 2 3 _ _ _ 8
136				_ _ _ 4 _ _ _ 8
137				1 _ _ 4 _ _ _ 8
138				_ 2 _ 4 _ _ _ 8
139				1 2 _ 4 _ _ _ 8
140				_ _ 3 4 _ _ _ 8
141				1 _ 3 4 _ _ _ 8
142				_ 2 3 4 _ _ _ 8
143				1 2 3 4 _ _ _ 8
144				_ _ _ 5 _ _ _ 8
145				1 _ _ 5 _ _ _ 8
146				_ 2 _ 5 _ _ _ 8
147				1 2 _ 5 _ _ _ 8
148				_ _ 3 5 _ _ _ 8
149				1 _ 3 _ 5 _ _ _ 8
150				_ 2 3 _ 5 _ _ _ 8
151				1 2 3 _ 5 _ _ _ 8
152				_ _ _ 4 5 _ _ _ 8
153				1 _ _ 4 5 _ _ _ 8
154				_ 2 _ 4 5 _ _ _ 8
155				1 2 _ 4 5 _ _ _ 8
156				_ _ 3 4 5 _ _ _ 8
157				1 _ 3 4 5 _ _ _ 8
158				_ 2 3 4 5 _ _ _ 8
159				1 2 3 4 5 _ _ _ 8
160				_ _ _ _ _ 6 _ 8
161				1 _ _ _ _ 6 _ 8
162				_ 2 _ _ _ 6 _ 8
163				1 2 _ _ _ 6 _ 8
164				_ _ 3 _ _ 6 _ 8
165				1 _ 3 _ _ 6 _ 8
166				_ 2 3 _ _ 6 _ 8
167				1 2 3 _ _ 6 _ 8
168				_ _ _ 4 _ 6 _ 8

PID Address	Zone Number	Installation Location	Device Type	Address Switch Setting
169				1 _ _ 4 _ 6 _ 8
170				_ 2 _ 4 _ 6 _ 8
171				1 2 _ 4 _ 6 _ 8
172				_ _ 3 4 _ 6 _ 8
173				1 _ 3 4 _ 6 _ 8
174				_ 2 3 4 _ 6 _ 8
175				1 2 3 4 _ 6 _ 8
176				_ _ _ _ 5 6 _ 8
177				1 _ _ _ 5 6 _ 8
178				_ 2 _ _ 5 6 _ 8
179				1 2 _ _ 5 6 _ 8
180				_ _ 3 _ 5 6 _ 8
181				1 _ 3 _ 5 6 _ 8
182				_ 2 3 _ 5 6 _ 8
183				1 2 3 _ 5 6 _ 8
184				_ _ _ 4 5 6 _ 8
185				1 _ _ 4 5 6 _ 8
186				_ 2 _ 4 5 6 _ 8
187				1 2 _ 4 5 6 _ 8
188				_ _ 3 4 5 6 _ 8
189				1 _ 3 4 5 6 _ 8
190				_ 2 3 4 5 6 _ 8
191				1 2 3 4 5 6 _ 8
192				_ _ _ _ _ 7 8
193				1 _ _ _ _ 7 8
194				_ 2 _ _ _ _ 7 8
195				1 2 _ _ _ _ 7 8
196				_ _ 3 _ _ _ 7 8
197				1 _ 3 _ _ _ 7 8
198				_ 2 3 _ _ _ 7 8
199				1 2 3 _ _ _ 7 8
200				_ _ _ 4 _ _ _ 7 8
201				1 _ _ 4 _ _ _ 7 8
202				_ 2 _ 4 _ _ _ 7 8
203				1 2 _ 4 _ _ _ 7 8
204				_ _ 3 4 _ _ _ 7 8
205				1 _ 3 4 _ _ _ 7 8
206				_ 2 3 4 _ _ _ 7 8
207				1 2 3 4 _ _ _ 7 8
208				_ _ _ _ 5 _ _ _ 7 8
209				1 _ _ _ 5 _ _ _ 7 8
210				_ 2 _ _ 5 _ _ _ 7 8
211				1 2 _ _ 5 _ _ _ 7 8
212				_ _ 3 _ 5 _ _ _ 7 8
213				1 _ 3 _ 5 _ _ _ 7 8
214				_ 2 3 _ 5 _ _ _ 7 8
215				1 2 3 _ 5 _ _ _ 7 8

PID Address	Zone Number	Installation Location	Device Type	Address Switch Setting
216				_ _ _ 4 5 _ 7 8
217				1 _ _ 4 5 _ 7 8
218				_ 2 _ 4 5 _ 7 8
219				1 2 _ 4 5 _ 7 8
220				_ _ 3 4 5 _ 7 8
221				1 _ 3 4 5 _ 7 8
222				_ 2 3 4 5 _ 7 8
223				1 2 3 4 5 _ 7 8
224				_ _ _ _ 6 7 8
225				1 _ _ _ 6 7 8
226				_ 2 _ _ 6 7 8
227				1 2 _ _ 6 7 8
228				_ _ 3 _ 6 7 8
229				1 _ 3 _ 6 7 8
230				_ 2 3 _ _ 6 7 8
231				1 2 3 _ _ 6 7 8
232				_ _ _ 4 _ 6 7 8
233				1 _ _ 4 _ 6 7 8
234				_ 2 _ 4 _ 6 7 8
235				1 2 _ 4 _ 6 7 8
236				_ _ 3 4 _ 6 7 8
237				1 _ 3 4 _ 6 7 8
238				_ 2 3 4 _ 6 7 8
239				1 2 3 4 _ 6 7 8
240				_ _ _ _ 5 6 7 8
241				1 _ _ _ 5 6 7 8
242				_ 2 _ _ 5 6 7 8
243				1 2 _ _ 5 6 7 8
244				_ _ 3 _ 5 6 7 8
245				1 _ 3 _ 5 6 7 8
246				_ 2 3 _ 5 6 7 8
247				1 2 3 _ 5 6 7 8
248				_ _ _ 4 5 6 7 8
249				1 _ _ 4 5 6 7 8
250				_ 2 _ 4 5 6 7 8
251				1 2 _ 4 5 6 7 8
252				_ _ 3 4 5 6 7 8
253				1 _ 3 4 5 6 7 8
254				_ 2 3 4 5 6 7 8
255	Reserved	Reserved	Reserved	1 2 3 4 5 6 7 8

## 13. SPECIFICATIONS

**Dimensions:** 2" Wide / 9" High / 1.25" Deep  
**Current Draw:** 170 mA Standby Max.  
**Operating Temperature:** 32 to 122 degrees F  
**Shipping Weight:** 0.5 pounds

