



Uniden® PRC
Private Radio Communications

**AMX796
PROGRAMMING GUIDE
FOR
SPS801TS, SPS802TS & SVS8035TS**



1. INTRODUCTION

THIS IS A QUICK REFERENCE GUIDE TO SHOW HOW TO INSTALL YOUR SOFTWARE AND EXPLAIN HOW TO PROGRAM YOUR SPS801/802TS LTR PORTABLE OR SVS8035TS LTR MOBILE RADIO.

1.1 General Description

The AMX796 contains two separate PC¹ based programs, UNIP802.exe and UNIP8035.exe. These programs are compressed and made into a self-extracting archived file to save disk space. The AMX796 software operates in DOS with on-screen editing and allows you to save or print your customer files. (**NOTE** Not designed to work with Windows™ or any other software of this type).

Navigating through the different fields and screens can be accomplished by either mouse or hot keys, (which will be indicated by []). If you do not have mouse capabilities you may access the menu by pressing ALT-SPACE or F10 then use your arrow keys to select the desired function. If you need help just remember, each window or field has its own help dialog which can be accessed by pressing the F1 key.

(**Note:** This program is not compatible with previous Unipro software, ie. AMX791, AMX792, AMX793, AMX794 or AMX795.)

1.2 Hardware Requirements

- A PC-XT compatible computer with 512 KB RAM
- One serial port
- AMX501 Programmer Interface

1.3 Software Requirements

MS-DOS version 3.3 or higher
UNIP8035.exe - On the AMX796 distribution disk
UNIP802.exe - On the AMX796 distribution disk

¹PC refers to an IBM PC-XT compatible computer. IBM PC-XT is a registered trademark of International Business Machines Corporation.

2. INSTALLATION

2.1 AMX796 - 720 KB (3.5") Diskette Installation

NOTE: You can not extract the program onto the AMX796 distribution disk unless you copy the file onto a high density diskette. (This only applies if factory disk is 720KB diskette.)

2.1.1 Hard Disk Installation

Create a directory on your hard drive then copy the file to that new directory. EXAMPLE:


```
C:\mkdir UNIP8035
C:\cd UNIP8035
C:\UNIP8035\
copy A:*.* C:
```

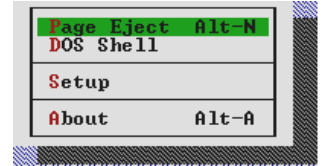
You should now have UNIP8035.exe on your hard drive. Type UNIP8035.exe to extract the program. Upon completion you will have 2 files, SVS8035.exe and SVS8035.hlp added under your directory. Follow the same procedures for the UNIP802.exe program which will add 3 files, SPS802.C16, SPS802.EXE and SPS802.H16 under your directory.

3. CONNECTING AMX501

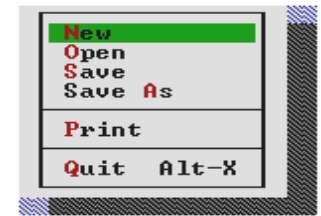
1. Connect standard DB-25 connector (not included) to AMX501 programmer and to selected RS-232C port of PC.
2. Connect the 5-pin DIN plug to the Microphone jack on mobiles. (Use the AC adaptor for portables.) Power is supplied to the programmer from the radio through the 5-pin DIN cord.
3. Be sure the radio is ON before programming otherwise you will get an error message when trying to write data.

4. GLOSSARY

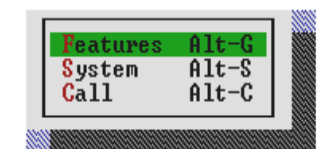
 or [Alt space] pulls down the **SYSTEM MENU**.....



File or [Alt F] pulls down the **FILE MENU**.....



Edit or [Alt E] pulls down the **EDIT MENU**.....



Program or [Alt P] pulls down the **PROGRAM MENU**.....



Note: All above figures taken from UNIP8035 program.

F1 Help ¹ activates **HELP SCREENS**

F3 Clear clears data in **SYSTEM** or **CALL SCREENS**

F4 Copy copies data from one **SYSTEM** or **CALL SCREEN** to the other

F7 GoTo lets you jump to selected **SYSTEM** or **CALL SCREEN**

F10 Menu ¹ allows access to **MENUS** using $\leftarrow \rightarrow \uparrow \downarrow$ keys

PgUp Last goes to previous **SYSTEM** or **CALL SCREEN**

PgDn Next goes to next **SYSTEM** or **CALL SCREEN**

Alt-X Exit ² exits the program

¹ Also works on the UNIP802.exe program, even though not indicated on main screen.

² Also works on the UNIP8035.exe program, even though not indicated on main screen.

5. START UP

To run the program type either SPS802.exe or SVS8035.exe. Take note on initial startup that an error message referring to a missing .DAT file will be displayed. This file is created the first time the program is run.

Note: If your computer has mouse capability you need only to click on the desired function to make your selection.

REMEMBER: PRESSING [Alt-N], WHERE N EQUALS FIRST HIGHLIGHTED LETTER OF MENU OPTION YOU WISH TO SELECT, WILL IMMEDIATELY TAKE YOU THE N SELECTION.

Next go into the Setup menu by pressing **[Alt-space]** and enter either **S** or use your **↑↓** keys to scroll to highlight Setup then enter. To select your Com Port press the letter **S** and use the **↑↓** to move to your selection or just press the corresponding number. You will notice that "**Serial Port**" and "**(•) Com1**", which is the factory default port, becomes highlighted. Press **K** or **[Alt-K]** to save and exit the Serial dialog. You are now ready for Editing.

6. EDITING

(The UNIP8035 and UNIP802 programs are very similar in exception to the Features menu options so for simplicity instructions will refer to the UNIP8035.)

5.1 Edit Menu

The Edit Menu can be accessed by pressing F10, **[Alt-spacebar]** or **[Alt-E]**. This menu contains three options to choose from, Features **[Alt-G]**, System **[Alt-S]** and Call **[Alt-C]**. We will start with the Features option with a step-by-step illustration.

5.1.1 Features [Alt-G]

Accessing this option pulls down the Radio Features dialog, which allows you to set the Drop Out Delay time, change Features, Enable or Disable Menus, set Pre-Time and Adaptive Scan Queue Size plus enter special comments. Refer to your Service Manual or Operators Guide for more detailed explanation of menus or press F1 for help. To exit without saving press the ESC key (or click on the Cancel button). To save press the TAB or ENTER key you will go to the next prompt.

- **Comments [Alt-C]** allows up to 79 characters for you to put serial number, any statement or name to identify your customers unit. The comments are saved only with the customer file. They do not get programmed into the radio.

- **Drop Out Delay [Alt-D]** is the time that the radio waits to resume scanning after a call ends. Factory default is 1 second. You have eight selections to choose from. Use your arrow keys to move to the desired time. Pressing the TAB key will enter your selection then move the cursor to the next dialog.
- **Features [Alt-F]** gives you four options: **1)** Test Mode - puts the radio into test mode to perform alignment; **2)** Group Priority - allows the radio to scan lower Call numbers while a call is in progress (this feature will be deleted in new versions); **3)** Group Scan - (which is really Call ID Search) - allows the radio to scan all Call Names; and **4)** Connect Tone - causes the radio to sound an audible beep when it successfully accesses a repeater. To make your selection use your arrow keys to move cursor to the desired feature. Pressing the space bar toggles an 'X' on or off. With the 'X' displayed the feature is enabled..
- **Enable Menus [Alt-E]** allows you to customize the customers radio by enabling or disabling the Scan, Horn, AutoPwrOff, Talk Around, Brightness, VOX or Dial Memo menus. Doing so gives the dealer control over user functions. For example, you might want the radios for a particular system to be Talk Around only. Disabling this menu keeps the user from having access. Again, pressing the space bar toggles an 'X' on or off. With the 'X' displayed the feature is enabled.
- **Pre-Time [Alt-T]** -the time the radio waits to send Tx data after PTT is pressed. The default setting is 0.0. The time range is from 0.0 to 5.1 seconds in increments of 20 milliseconds.
- **Adaptive Scan Queue Size [Alt-A]** sets the size for the buffer which stores your last call. This field can be set from 0, (displayed as blank), to 15. The default value is 4. Pressing the ENTER key takes you to the next dialog which is the OK button. Pressing the ENTER key or **[Alt-K]** saves your data and exits the Radio Features dialog.

5.1.2 System [Alt-S]

Accessing this option pulls down the dialog for System 1. There are 50 systems in the UNIP8035 and 40 in the UNIP802 program. They can be accessed by using the PageUp or PageDown keys. In this dialog you can set the Area, Base (also referred to as Home channel), Options, Tx Inhibit, Talk Around, RIC TOT, Dispatch TOT, Preferred Scan and 20 repeater channels with individual selection of interconnect. Along the bottom you have your special function keys to help you maneuver through each system.

- **Area [Alt-A]** can be set to either 0 or 1 to correspond to the trunking system you are programming into the radio.
- **Base [Alt-B]** , or Home repeater, is the number of the repeater the radio is assigned to. Enter a number between 1 and 20. The programmer will not program this system if there is no Base repeater assigned.

- **Options [Alt-O]** is the -12.5 kHz offset. Pressing the spacebar will toggle an 'X' which enables this option to subtract 12.5 kHz from the channel frequency.
- **Rptr Channel / Phone** [no hot key] By using the TAB key you can move through the different repeater channels to enter your desired FCC channel numbers. (*You do not have to tab through every channel if you only have one or two repeaters. Simply press [Alt] and any letter to jump to another field.*) Notice that your cursor alternates from channel to phone for each repeater. When the cursor is flashing under the 'N' press the spacebar to toggle 'N' (the default value) to 'Y'. Note: The FCC channel numbers are listed in the AMX791/792 programming guide.
- **Tx Inhibit [Alt-I]** defines a range of IDs, between 0 to 255, that inhibit the radio from transmitting when it receives them. The transmitter remains inhibited for 5 seconds after the ID is no longer received. Normally the first entry is the lowest Tx inhibit code and the second entry is the highest. If left blank (0), transmitter will not be inhibited on any Ids.
- **Talk Around [Alt-u]** enables the radio to talk directly without going through the repeater. The first entry is your Base channel and the second entry is for the ID code you wish to use. Remember for this function to work properly all units must have the same talk around base channel and code programmed.
- **RIC TOT [Alt-R]** is the interconnect Time-Out-Timer time. You have four selections to choose from; 3, 4, 5 and 8 minutes. Use your arrow keys to select desired time.
- **Dispatch TOT [Alt-D]** is the dispatch Time-Out-Timer time. You have four selections to choose from; 0.5, 1.0, 2.0 and 3.0 minutes. Use your arrow keys to select desired time. (Press ENTER or TAB to go to the next prompt.)
- **Preferred Scan [Alt-P]** sets a list of systems you wish to be scanned more frequently. (It is to no advantage to use this option unless you have more than 10 systems programmed into your radio.) You have eight positions for 1 preferred scan system in each place. It does not matter what order you put the systems in. The programmer puts them in sequence, lowest to highest. Pressing the ENTER key or **[Alt-K]** saves your data and exits the Systems dialog.

5.1.3 Call [Alt-C]

Accessing this option pulls down the dialog for Call 1. There are 50 Call Names for both programs (UNIP8035 and UNIP802). The only differences between the two are the number of characters allowed for the Call Name and Destination entries.

- **Call Name [Alt-C]** is alpha-numeric information for LCD display for Call selected. It allows up to 22 characters (UNIP8035) or 10 (UNIP802), to identify locations, site names or even personal names for your customers radio.
- **Destination [Alt-D]** is the RIC TELCO telephone number up to 64 characters. For example 817-858-3300 or 817 858 3300 and so on.
- **Call Type [Alt-a]** allows you to select either Dispatch or RIC by using the arrow keys. When selecting RIC make sure that the system phone channels are properly set to 'Y'.
- **System # [Alt-S]** is the system number that this particular Call Name will correspond with. The Call ID must belong to the selected system otherwise you will be unable to access the repeaters.
- **TX ID [Alt-T]** is the transmit ID code for this Call Name. Enter a code from 0 to 250 (zero appears as a blank field which turns the ID code off). It does not have to be the same as the RX ID.
- **RX ID [Alt-R]** is the receive ID code for this Call Name. Enter a code from 0 to 250 (zero appears as a blank field which turns the ID code off). It does not have to be the same as the TX ID.
- **Options [Alt-O]** allows you to customize each Call Name for Emergency Tone, Queueing, Reply ID or Call Latch. Use the spacebar to toggle options on/off. Pressing the ENTER key or **[Alt-K]** saves your data and exits the Call dialog.

7. Programming

7.1 Program Menu

The Program Menu can be accessed by pressing either F10 or **[Alt-spacebar]** then use the arrow keys to make your selection or **[Alt-P]**, which takes you directly to the Write / Read dialog. Before Reading or Writing make sure that the unit is powered up and connected properly. (See section 3 on page 3 on connecting your AMX501.) If errors occur recheck all your connections to the radio, the AMX501 and your computer. Also make sure that your computer has DOS version 3.3 or higher.

7.1.1 Write ([Alt-W] UNIP802 only)

When performing the Write command in the UNIP8035 program you must monitor the radio and the AMX501 displays to make sure that data is being transferred properly. When it is in the write function, **Program mode** will be displayed on the SVS8035 while the Red and Yellow LED's light up on the AMX501. The UNIP8035 program does not have any on screen indicators to inform the user of which function is in progress or when it is completed. You are prompted only if an error occurs. *In the UNIP802 program you have a writing dialog from start to completion.*

Double check all your connections before attempting the write command. The most common errors with either program are not having the radio powered up, the AC adaptor not plugged into the AMX501 (portables only) or the wrong Com Port selected.

7.1.2 Read ([Alt-R] UNIP802 only)

Read pulls information from the radio. In regards to displays and error messages it performs the same way as Write.

8. File Options

8.1 File Menu

The File Menu is accessed by pressing F10, [Alt-spacebar] or [Alt-F]. This option pulls down a dialog that shows six options to choose from; New, Open, Save, Save As, Print and Quit [Alt-X].

8.1.1 New

This command clears all information and creates a new data file with default values. When using the UNIP8035 program you will be prompted with the Confirm dialog asking you if you want to discard unsaved data. In the UNIP802 program selecting New will immediately erase all data.

8.1.2 Open

This command pulls down the "Open a File" dialog which gives you the ability to change directories, select files or change file types. You are shown, Name, Files, with the directory and files sizes displayed at the bottom.

- **Name [Alt-N]** shows *.dat as the default filename. You may either type in the filename or simply TAB to Files and select from the list.
- **Files [Alt-F]** lists all the files and directories on your computer. You can change directories by pressing the ENTER key when ..\ is highlighted.

8.1.3 Save

This command will automatically save your file under its' original file name. You must make sure the data is correct before selecting this command to prevent writing over your existing file.

8.1.4 Save As

This command pulls down the "Save File As" dialog which looks like the "Open a File" dialog. You can enter your file name under the Name heading. Pressing the ENTER key saves the file with .dat extension. Just like the Open command you have the option to change directories.

8.1.5 Print

Before selecting this option make sure your printer is ready. This command will print all data that is currently loaded.

8.1.6 Quit [Alt-X]

Exits program back to DOS prompt.

Summary:

If you have any questions or problems with this software please contact our Technical Assistance which is available from the Technical Support Group during the normal work days between the hours of 8:00 A.M. and 5:00 P.M. Eastern Standard Time.

Relm Wireless Corporation
Service Department
7100 Technology Dr.
West Melbourne FL 32904
Phone 800-422-6281
Fax 321-953-7986

Uniden PRC
Phone 800-445-5017

E-mail
service@RELM.com

Check out our web sight at www.relm.com for all our available products

APPENDIX A CHANNEL / FREQUENCY LIST

FCC Programming			FCC Programming		
Channel	Transmit	Receive	Channel	Transmit	Receive
1	806.0125	851.0125	51	807.2625	852.2625
2	806.0375	851.0375	52	807.2875	852.2875
3	806.0625	851.0625	53	807.3125	852.3125
4	806.0875	851.0875	54	807.3375	852.3375
5	806.1125	851.1125	55	807.3625	852.3625
6	806.1375	851.1375	56	807.3875	852.3875
7	806.1625	851.1625	57	807.4125	852.4125
8	806.1875	851.1875	58	807.4375	852.4375
9	806.2125	851.2125	59	807.4625	852.4625
10	806.2375	851.2375	60	807.4875	852.4875
11	806.2625	851.2625	61	807.5125	852.5125
12	806.2875	851.2875	62	807.5375	852.5375
13	806.3125	851.3125	63	807.5625	852.5625
14	806.3375	851.3375	64	807.5875	852.5875
15	806.3625	851.3625	65	807.6125	852.6125
16	806.3875	851.3875	66	807.6375	852.6375
17	806.4125	851.4125	67	807.6625	852.6625
18	806.4375	851.4375	68	807.6875	852.6875
19	806.4625	851.4625	69	807.7125	852.7125
20	806.4875	851.4875	70	807.7375	852.7375
21	806.5125	851.5125	71	807.7625	852.7625
22	806.5375	851.5375	72	807.7875	852.7875
23	806.5625	851.5625	73	807.8125	852.8125
24	806.5875	851.5875	74	807.8375	852.8375
25	806.6125	851.6125	75	807.8625	852.8625
26	806.6375	851.6375	76	807.8875	852.8875
27	806.6625	851.6625	77	807.9125	852.9125
28	806.6875	851.6875	78	807.9375	852.9375
29	806.7125	851.7125	79	807.9625	852.9625
30	806.7375	851.7375	80	807.9875	852.9875
31	806.7625	851.7625	81	808.0125	853.0125
32	806.7875	851.7875	82	808.0375	853.0375
33	806.8125	851.8125	83	808.0625	853.0625
34	806.8375	851.8375	84	808.0875	853.0875
35	806.8625	851.8625	85	808.1125	853.1125
36	806.8875	851.8875	86	808.1375	853.1375
37	806.9125	851.9125	87	808.1625	853.1625
38	806.9375	851.9375	88	808.1875	853.1875
39	806.9625	851.9625	89	808.2125	853.2125
40	806.9875	851.9875	90	808.2375	853.2375
41	807.0125	852.0125	91	808.2625	853.2625
42	807.0375	852.0375	92	808.2875	853.2875
43	807.0625	852.0625	93	808.3125	853.3125
44	807.0875	852.0875	94	808.3375	853.3375
45	807.1125	852.1125	95	808.3625	853.3625
46	807.1375	852.1375	96	808.3875	853.3875
47	807.1625	852.1625	97	808.4125	853.4125
48	807.1875	852.1875	98	808.4375	853.4375
49	807.2125	852.2125	99	808.4625	853.4625
50	807.2375	852.2375	100	808.4875	853.4875

APPENDIX A CHANNEL / FREQUENCY LIST

Programming			Programming		
FCC Channel	Transmit	Receive	FCC Channel	Transmit	Receive
101	808.5125	853.5125	151	809.7625	854.7625
102	808.5375	853.5375	152	809.7875	854.7875
103	808.5625	853.5625	153	809.8125	854.8125
104	808.5875	853.5875	154	809.8375	854.8375
105	808.6125	853.6125	155	809.8625	854.8625
106	808.6375	853.6375	156	809.8875	854.8875
107	808.6625	853.6625	157	809.9125	854.9125
108	808.6875	853.6875	158	809.9375	854.9375
109	808.7125	853.7125	159	809.9625	854.9625
110	808.7375	853.7375	160	809.9875	854.9875
111	808.7625	853.7625	161	810.0125	855.0125
112	808.7875	853.7875	162	810.0375	855.0375
113	808.8125	853.8125	163	810.0625	855.0625
114	808.8375	853.8375	164	810.0875	855.0875
115	808.8625	853.8625	165	810.1125	855.1125
116	808.8875	853.8875	166	810.1375	855.1375
117	808.9125	853.9125	167	810.1625	855.1625
118	808.9375	853.9375	168	810.1875	855.1875
119	808.9625	853.9625	169	810.2125	855.2125
120	808.9875	853.9875	170	810.2375	855.2375
121	809.0125	854.0125	171	810.2625	855.2625
122	809.0375	854.0375	172	810.2875	855.2875
123	809.0625	854.0625	173	810.3125	855.3125
124	809.0875	854.0875	174	810.3375	855.3375
125	809.1125	854.1125	175	810.3625	855.3625
126	809.1375	854.1375	176	810.3875	855.3875
127	809.1625	854.1625	177	810.4125	855.4125
128	809.1875	854.1875	178	810.4375	855.4375
129	809.2125	854.2125	179	810.4625	855.4625
130	809.2375	854.2375	180	810.4875	855.4875
131	809.2625	854.2625	181	810.5125	855.5125
132	809.2875	854.2875	182	810.5375	855.5375
133	809.3125	854.3125	183	810.5625	855.5625
134	809.3375	854.3375	184	810.5875	855.5875
135	809.3625	854.3625	185	810.6125	855.6125
136	809.3875	854.3875	186	810.6375	855.6375
137	809.4125	854.4125	187	810.6625	855.6625
138	809.4375	854.4375	188	810.6875	855.6875
139	809.4625	854.4625	189	810.7125	855.7125
140	809.4875	854.4875	190	810.7375	855.7375
141	809.5125	854.5125	191	810.7625	855.7625
142	809.5375	854.5375	192	810.7875	855.7875
143	809.5625	854.5625	193	810.8125	855.8125
144	809.5875	854.5875	194	810.8375	855.8375
145	809.6125	854.6125	195	810.8625	855.8625
146	809.6375	854.6375	196	810.8875	855.8875
147	809.6625	854.6625	197	810.9125	855.9125
148	809.6875	854.6875	198	810.9375	855.9375
149	809.7125	854.7125	199	810.9625	855.9625
150	809.7375	854.7375	200	810.9875	855.9875

APPENDIX A CHANNEL / FREQUENCY LIST

FCC Programming			FCC Programming		
Channel	Transmit	Receive	Channel	Transmit	Receive
201	811.0125	856.0125	251	812.2625	857.2625
202	811.0375	856.0375	252	812.2875	857.2875
203	811.0625	856.0625	253	812.3125	857.3125
204	811.0875	856.0875	254	812.3375	857.3375
205	811.1125	856.1125	255	812.3625	857.3625
206	811.1375	856.1375	256	812.3875	857.3875
207	811.1625	856.1625	257	812.4125	857.4125
208	811.1875	856.1875	258	812.4375	857.4375
209	811.2125	856.2125	259	812.4625	857.4625
210	811.2375	856.2375	260	812.4875	857.4875
211	811.2625	856.2625	261	812.5125	857.5125
212	811.2875	856.2875	262	812.5375	857.5375
213	811.3125	856.3125	263	812.5625	857.5625
214	811.3375	856.3375	264	812.5875	857.5875
215	811.3625	856.3625	265	812.6125	857.6125
216	811.3875	856.3875	266	812.6375	857.6375
217	811.4125	856.4125	267	812.6625	857.6625
218	811.4375	856.4375	268	812.6875	857.6875
219	811.4625	856.4625	269	812.7125	857.7125
220	811.4875	856.4875	270	812.7375	857.7375
221	811.5125	856.5125	271	812.7625	857.7625
222	811.5375	856.5375	272	812.7875	857.7875
223	811.5625	856.5625	273	812.8125	857.8125
224	811.5875	856.5875	274	812.8375	857.8375
225	811.6125	856.6125	275	812.8625	857.8625
226	811.6375	856.6375	276	812.8875	857.8875
227	811.6625	856.6625	277	812.9125	857.9125
228	811.6875	856.6875	278	812.9375	857.9375
229	811.7125	856.7125	279	812.9625	857.9625
230	811.7375	856.7375	280	812.9875	857.9875
231	811.7625	856.7625	281	813.0125	858.0125
232	811.7875	856.7875	282	813.0375	858.0375
233	811.8125	856.8125	283	813.0625	858.0625
234	811.8375	856.8375	284	813.0875	858.0875
235	811.8625	856.8625	285	813.1125	858.1125
236	811.8875	856.8875	286	813.1375	858.1375
237	811.9125	856.9125	287	813.1625	858.1625
238	811.9375	856.9375	288	813.1875	858.1875
239	811.9625	856.9625	289	813.2125	858.2125
240	811.9875	856.9875	290	813.2375	858.2375
241	812.0125	857.0125	291	813.2625	858.2625
242	812.0375	857.0375	292	813.2875	858.2875
243	812.0625	857.0625	293	813.3125	858.3125
244	812.0875	857.0875	294	813.3375	858.3375
245	812.1125	857.1125	295	813.3625	858.3625
246	812.1375	857.1375	296	813.3875	858.3875
247	812.1625	857.1625	297	813.4125	858.4125
248	812.1875	857.1875	298	813.4375	858.4375
249	812.2125	857.2125	299	813.4625	858.4625
250	812.2375	857.2375	300	813.4875	858.4875

APPENDIX A CHANNEL / FREQUENCY LIST

Programming			Programming		
FCC Channel	Transmit	Receive	FCC Channel	Transmit	Receive
301	813.5125	858.5125	351	814.7625	859.7625
302	813.5375	858.5375	352	814.7875	859.7875
303	813.5625	858.5625	353	814.8125	859.8125
304	813.5875	858.5875	354	814.8375	859.8375
305	813.6125	858.6125	355	814.8625	859.8625
306	813.6375	858.6375	356	814.8875	859.8875
307	813.6625	858.6625	357	814.9125	859.9125
308	813.6875	858.6875	358	814.9375	859.9375
309	813.7125	858.7125	359	814.9625	859.9625
310	813.7375	858.7375	360	814.9875	859.9875
311	813.7625	858.7625	361	815.0125	860.0125
312	813.7875	858.7875	362	815.0375	860.0375
313	813.8125	858.8125	363	815.0625	860.0625
314	813.8375	858.8375	364	815.0875	860.0875
315	813.8625	858.8625	365	815.1125	860.1125
316	813.8875	858.8875	366	815.1375	860.1375
317	813.9125	858.9125	367	815.1625	860.1625
318	813.9375	858.9375	368	815.1875	860.1875
319	813.9625	858.9625	369	815.2125	860.2125
320	813.9875	858.9875	370	815.2375	860.2375
321	814.0125	859.0125	371	815.2625	860.2625
322	814.0375	859.0375	372	815.2875	860.2875
323	814.0625	859.0625	373	815.3125	860.3125
324	814.0875	859.0875	374	815.3375	860.3375
325	814.1125	859.1125	375	815.3625	860.3625
326	814.1375	859.1375	376	815.3875	860.3875
327	814.1625	859.1625	377	815.4125	860.4125
328	814.1875	859.1875	378	815.4375	860.4375
329	814.2125	859.2125	379	815.4625	860.4625
330	814.2375	859.2375	380	815.4875	860.4875
331	814.2625	859.2625	381	815.5125	860.5125
332	814.2875	859.2875	382	815.5375	860.5375
333	814.3125	859.3125	383	815.5625	860.5625
334	814.3375	859.3375	384	815.5875	860.5875
335	814.3625	859.3625	385	815.6125	860.6125
336	814.3875	859.3875	386	815.6375	860.6375
337	814.4125	859.4125	387	815.6625	860.6625
338	814.4375	859.4375	388	815.6875	860.6875
339	814.4625	859.4625	389	815.7125	860.7125
340	814.4875	859.4875	390	815.7375	860.7375
341	814.5125	859.5125	391	815.7625	860.7625
342	814.5375	859.5375	392	815.7875	860.7875
343	814.5625	859.5625	393	815.8125	860.8125
344	814.5875	859.5875	394	815.8375	860.8375
345	814.6125	859.6125	395	815.8625	860.8625
346	814.6375	859.6375	396	815.8875	860.8875
347	814.6625	859.6625	397	815.9125	860.9125
348	814.6875	859.6875	398	815.9375	860.9375
349	814.7125	859.7125	399	815.9625	860.9625
350	814.7375	859.7375	400	815.9875	860.9875

APPENDIX A CHANNEL / FREQUENCY LIST

FCC Programming			FCC Programming		
Channel	Transmit	Receive	Channel	Transmit	Receive
401	816.0125	861.0125	451	817.2625	862.2625
402	816.0375	861.0375	452	817.2875	862.2875
403	816.0625	861.0625	453	817.3125	862.3125
404	816.0875	861.0875	454	817.3375	862.3375
405	816.1125	861.1125	455	817.3625	862.3625
406	816.1375	861.1375	456	817.3875	862.3875
407	816.1625	861.1625	457	817.4125	862.4125
408	816.1875	861.1875	458	817.4375	862.4375
409	816.2125	861.2125	459	817.4625	862.4625
410	816.2375	861.2375	460	817.4875	862.4875
411	816.2625	861.2625	461	817.5125	862.5125
412	816.2875	861.2875	462	817.5375	862.5375
413	816.3125	861.3125	463	817.5625	862.5625
414	816.3375	861.3375	464	817.5875	862.5875
415	816.3625	861.3625	465	817.6125	862.6125
416	816.3875	861.3875	466	817.6375	862.6375
417	816.4125	861.4125	467	817.6625	862.6625
418	816.4375	861.4375	468	817.6875	862.6875
419	816.4625	861.4625	469	817.7125	862.7125
420	816.4875	861.4875	470	817.7375	862.7375
421	816.5125	861.5125	471	817.7625	862.7625
422	816.5375	861.5375	472	817.7875	862.7875
423	816.5625	861.5625	473	817.8125	862.8125
424	816.5875	861.5875	474	817.8375	862.8375
425	816.6125	861.6125	475	817.8625	862.8625
426	816.6375	861.6375	476	817.8875	862.8875
427	816.6625	861.6625	477	817.9125	862.9125
428	816.6875	861.6875	478	817.9375	862.9375
429	816.7125	861.7125	479	817.9625	862.9625
430	816.7375	861.7375	480	817.9875	862.9875
431	816.7625	861.7625	481	818.0125	863.0125
432	816.7875	861.7875	482	818.0375	863.0375
433	816.8125	861.8125	483	818.0625	863.0625
434	816.8375	861.8375	484	818.0875	863.0875
435	816.8625	861.8625	485	818.1125	863.1125
436	816.8875	861.8875	486	818.1375	863.1375
437	816.9125	861.9125	487	818.1625	863.1625
438	816.9375	861.9375	488	818.1875	863.1875
439	816.9625	861.9625	489	818.2125	863.2125
440	816.9875	861.9875	490	818.2375	863.2375
441	817.0125	862.0125	491	818.2625	863.2625
442	817.0375	862.0375	492	818.2875	863.2875
443	817.0625	862.0625	493	818.3125	863.3125
444	817.0875	862.0875	494	818.3375	863.3375
445	817.1125	862.1125	495	818.3625	863.3625
446	817.1375	862.1375	496	818.3875	863.3875
447	817.1625	862.1625	497	818.4125	863.4125
448	817.1875	862.1875	498	818.4375	863.4375
449	817.2125	862.2125	499	818.4625	863.4625
450	817.2375	862.2375	500	818.4875	863.4875

APPENDIX A CHANNEL / FREQUENCY LIST

Programming			Programming		
FCC Channel	Transmit	Receive	FCC Channel	Transmit	Receive
501	818.5125	863.5125	551	819.7625	864.7625
502	818.5375	863.5375	552	819.7875	864.7875
503	818.5625	863.5625	553	819.8125	864.8125
504	818.5875	863.5875	554	819.8375	864.8375
505	818.6125	863.6125	555	819.8625	864.8625
506	818.6375	863.6375	556	819.8875	864.8875
507	818.6625	863.6625	557	819.9125	864.9125
508	818.6875	863.6875	558	819.9375	864.9375
509	818.7125	863.7125	559	819.9625	864.9625
510	818.7375	863.7375	560	819.9875	864.9875
511	818.7625	863.7625	561	820.0125	865.0125
512	818.7875	863.7875	562	820.0375	865.0375
513	818.8125	863.8125	563	820.0625	865.0625
514	818.8375	863.8375	564	820.0875	865.0875
515	818.8625	863.8625	565	820.1125	865.1125
516	818.8875	863.8875	566	820.1375	865.1375
517	818.9125	863.9125	567	820.1625	865.1625
518	818.9375	863.9375	568	820.1875	865.1875
519	818.9625	863.9625	569	820.2125	865.2125
520	818.9875	863.9875	570	820.2375	865.2375
521	819.0125	864.0125	571	820.2625	865.2625
522	819.0375	864.0375	572	820.2875	865.2875
523	819.0625	864.0625	573	820.3125	865.3125
524	819.0875	864.0875	574	820.3375	865.3375
525	819.1125	864.1125	575	820.3625	865.3625
526	819.1375	864.1375	576	820.3875	865.3875
527	819.1625	864.1625	577	820.4125	865.4125
528	819.1875	864.1875	578	820.4375	865.4375
529	819.2125	864.2125	579	820.4625	865.4625
530	819.2375	864.2375	580	820.4875	865.4875
531	819.2625	864.2625	581	820.5125	865.5125
532	819.2875	864.2875	582	820.5375	865.5375
533	819.3125	864.3125	583	820.5625	865.5625
534	819.3375	864.3375	584	820.5875	865.5875
535	819.3625	864.3625	585	820.6125	865.6125
536	819.3875	864.3875	586	820.6375	865.6375
537	819.4125	864.4125	587	820.6625	865.6625
538	819.4375	864.4375	588	820.6875	865.6875
539	819.4625	864.4625	589	820.7125	865.7125
540	819.4875	864.4875	590	820.7375	865.7375
541	819.5125	864.5125	591	820.7625	865.7625
542	819.5375	864.5375	592	820.7875	865.7875
543	819.5625	864.5625	593	820.8125	865.8125
544	819.5875	864.5875	594	820.8375	865.8375
545	819.6125	864.6125	595	820.8625	865.8625
546	819.6375	864.6375	596	820.8875	865.8875
547	819.6625	864.6625	597	820.9125	865.9125
548	819.6875	864.6875	598	820.9375	865.9375
549	819.7125	864.7125	599	820.9625	865.9625
550	819.7375	864.7375	600	820.9875	865.9875

APPENDIX A CHANNEL / FREQUENCY LIST

FCC Programming			FCC Programming		
Channel	Transmit	Receive	Channel	Transmit	Receive
601	821.0125	866.0125	651	822.2625	867.2625
602	821.0375	866.0375	652	822.2875	867.2875
603	821.0625	866.0625	653	822.3125	867.3125
604	821.0875	866.0875	654	822.3375	867.3375
605	821.1125	866.1125	655	822.3625	867.3625
606	821.1375	866.1375	656	822.3875	867.3875
607	821.1625	866.1625	657	822.4125	867.4125
608	821.1875	866.1875	658	822.4375	867.4375
609	821.2125	866.2125	659	822.4625	867.4625
610	821.2375	866.2375	660	822.4875	867.4875
611	821.2625	866.2625	661	822.5125	867.5125
612	821.2875	866.2875	662	822.5375	867.5375
613	821.3125	866.3125	663	822.5625	867.5625
614	821.3375	866.3375	664	822.5875	867.5875
615	821.3625	866.3625	665	822.6125	867.6125
616	821.3875	866.3875	666	822.6375	867.6375
617	821.4125	866.4125	667	822.6625	867.6625
618	821.4375	866.4375	668	822.6875	867.6875
619	821.4625	866.4625	669	822.7125	867.7125
620	821.4875	866.4875	670	822.7375	867.7375
621	821.5125	866.5125	671	822.7625	867.7625
622	821.5375	866.5375	672	822.7875	867.7875
623	821.5625	866.5625	673	822.8125	867.8125
624	821.5875	866.5875	674	822.8375	867.8375
625	821.6125	866.6125	675	822.8625	867.8625
626	821.6375	866.6375	676	822.8875	867.8875
627	821.6625	866.6625	677	822.9125	867.9125
628	821.6875	866.6875	678	822.9375	867.9375
629	821.7125	866.7125	679	822.9625	867.9625
630	821.7375	866.7375	680	822.9875	867.9875
631	821.7625	866.7625	681	823.0125	868.0125
632	821.7875	866.7875	682	823.0375	868.0375
633	821.8125	866.8125	683	823.0625	868.0625
634	821.8375	866.8375	684	823.0875	868.0875
635	821.8625	866.8625	685	823.1125	868.1125
636	821.8875	866.8875	686	823.1375	868.1375
637	821.9125	866.9125	687	823.1625	868.1625
638	821.9375	866.9375	688	823.1875	868.1875
639	821.9625	866.9625	689	823.2125	868.2125
640	821.9875	866.9875	690	823.2375	868.2375
641	822.0125	867.0125	691	823.2625	868.2625
642	822.0375	867.0375	692	823.2875	868.2875
643	822.0625	867.0625	693	823.3125	868.3125
644	822.0875	867.0875	694	823.3375	868.3375
645	822.1125	867.1125	695	823.3625	868.3625
646	822.1375	867.1375	696	823.3875	868.3875
647	822.1625	867.1625	697	823.4125	868.4125
648	822.1875	867.1875	698	823.4375	868.4375
649	822.2125	867.2125	699	823.4625	868.4625
650	822.2375	867.2375	700	823.4875	868.4875

APPENDIX A CHANNEL / FREQUENCY LIST

FCC Programming			FCC Programming		
Channel	Transmit	Receive	Channel	Transmit	Receive
701	823.5125	868.5125	751	824.7625	869.7625
702	823.5375	868.5375	752	824.7875	869.7875
703	823.5625	868.5625	753	824.8125	869.8125
704	823.5875	868.5875	754	824.8375	869.8375
705	823.6125	868.6125	755	824.8625	869.8625
706	823.6375	868.6375	756	824.8875	869.8875
707	823.6625	868.6625	757	824.9125	869.9125
708	823.6875	868.6875	758	824.9375	869.9375
709	823.7125	868.7125	759	824.9625	869.9625
710	823.7375	868.7375	760	824.9875	869.9875
711	823.7625	868.7625	761	825.0125	870.0125
712	823.7875	868.7875	762	825.0375	870.0375
713	823.8125	868.8125	763	825.0625	870.0625
714	823.8375	868.8375	764	825.0875	870.0875
715	823.8625	868.8625	765	825.1125	NOT 870.1125
716	823.8875	868.8875	766	825.1375	AVAILABLE 870.1375
717	823.9125	868.9125	767	825.1625	IN 870.1625
718	823.9375	868.9375	768	825.1875	CURRENT 870.1875
719	823.9625	868.9625	769	825.2125	MODELS 870.2125
720	823.9875	868.9875	770	825.2375	870.2375
721	824.0125	869.0125	771	825.2625	870.2625
722	824.0375	869.0375	772	825.2875	870.2875
723	824.0625	869.0625	773	825.3125	870.3125
724	824.0875	869.0875	774	825.3375	870.3375
725	824.1125	869.1125	775	825.3625	870.3625
726	824.1375	869.1375	776	825.3875	870.3875
727	824.1625	869.1625	777	825.4125	870.4125
728	824.1875	869.1875	778	825.4375	870.4375
729	824.2125	869.2125	779	825.4625	870.4625
730	824.2375	869.2375	780	825.4875	870.4875
731	824.2625	869.2625	781	825.5125	870.5125
732	824.2875	869.2875	782	825.5375	870.5375
733	824.3125	869.3125	783	825.5625	870.5625
734	824.3375	869.3375	784	825.5875	870.5875
735	824.3625	869.3625	785	825.6125	870.6125
736	824.3875	869.3875	786	825.6375	870.6375
737	824.4125	869.4125	787	825.6625	870.6625
738	824.4375	869.4375	788	825.6875	870.6875
739	824.4625	869.4625	789	825.7125	870.7125
740	824.4875	869.4875	790	825.7375	870.7375
741	824.5125	869.5125	791	825.7625	870.7625
742	824.5375	869.5375	792	825.7875	870.7875
743	824.5625	869.5625	793	825.8125	870.8125
744	824.5875	869.5875	794	825.8375	870.8375
745	824.6125	869.6125	795	825.8625	870.8625
746	824.6375	869.6375	796	825.8875	870.8875
747	824.6625	869.6625	797	825.9125	870.9125
748	824.6875	869.6875	798	825.9375	870.9375
749	824.7125	869.7125	799	825.9625	870.9625
750	824.7375	869.7375	800	825.9875	870.9875

Customer Data

Customer Name: _____ Date: ___/___/___

Radio Model: SPS801TS SPS802TS SVS8035TS Serial Number: _____

Radio Features:

Pre-Time: _____ Drop Out Delay Time: _____ VOX Hang Time: _____ Adaptive Scan Queue: _____

- Test Mode Group Priority (SVS only) Group Scan (SVS only) Connect Tone
 Scan Horn Honk (SVS only) AutoPower Off (SVS only) Talk Around
 Brightness (SVS only) VOX (SPS only) Call ID Search (SPS only) Dial Memo (SPS only)

SYSTEM NUMBER (1-50): _____ Area: _____ Base (1-20): _____ -12.5kHz Offset:

Rptr	Channel	Phone	Rptr	Channel	Phone
1		<input type="checkbox"/>	11		<input type="checkbox"/>
2		<input type="checkbox"/>	12		<input type="checkbox"/>
3		<input type="checkbox"/>	13		<input type="checkbox"/>
4		<input type="checkbox"/>	14		<input type="checkbox"/>
5		<input type="checkbox"/>	15		<input type="checkbox"/>
6		<input type="checkbox"/>	16		<input type="checkbox"/>
7		<input type="checkbox"/>	17		<input type="checkbox"/>
8		<input type="checkbox"/>	18		<input type="checkbox"/>
9		<input type="checkbox"/>	19		<input type="checkbox"/>
10		<input type="checkbox"/>	20		<input type="checkbox"/>

TX Inhibit: _____ - _____

Talk Around: _____ - _____

RIC Time Out Time: _____

Dispatch Time Out Time: _____

Preferred Scan: _____