NOTICE TO USER: THIS END USER LICENSE AGREEMENT ("EULA") IS A LEGAL AGREEMENT BETWEEN YOU AND UNIDEN. PLEASE READ THIS CAREFULLY BEFORE USING THE UNIDEN CODE. BY CLICKING THE "I AGREE TO THE TERMS OF THIS LICENSE AGREEMENT ", OR BY USING ALL OR ANY PORTION OF THE UNIDEN CODE, YOU ARE CONFIRMING YOUR ACCEPTANCE OF THE UNIDEN CODE AND ALL THE TERMS AND CONDITIONS OF THIS AGREEMENT. IF YOU DO NOT AGREE, DO NOT USE THE UNIDEN CODE. CLICK THE "I DO NOT AGREE TO THE TERMS OF THIS LICENSE AGREEMENT " FOR THE INSTALLATION PROCESS TO TERMINATE.

1. DEFINITIONS
   (A) "Uniden Code" means Uniden proprietary programming codes and commands used to control Uniden’s scanner products.

   (B) "Use" or "Using" means to access, install, download, copy or otherwise benefit from using the functionality of the Uniden Code.

   (C) "Computer" means an electronic device that accepts information in digital or similar form and manipulates it for a specific result based on a sequence of instructions.

   (D) "Uniden" means Uniden America Corporation, a Delaware corporation, located at 4700 Amon Carter Boulevard, Fort Worth, Texas 76155, and its licensors, if any.

2. UNIDEN CODE LICENSE GRANTS
   (A) You may utilize the Uniden Code on an “as is”, at-will, royalty-free, personal, non assignable, non-exclusive basis solely for the purpose of creating software or firmware products intended to extend the functionality of Uniden scanner products, or provide compatibility of Uniden scanner products with a PC or other control devices.

   (B) You agree that the Uniden Code will not be used to create a competing scanner product.
(C) You agree not to use the Uniden Code functionality for purposes other than to control one or more of the Uniden scanner models to which the codes apply.

(D) You acknowledge that the Uniden Code is provided “as-is” and that Uniden has no obligation to provide any additional support in the use of the Uniden Code beyond the disclosed documentation.

(E) User acknowledges that, while reasonable efforts have been taken to ensure accuracy in the supplied documentation, said documents have been subjected to one or more translation stages that might have resulted in unclear, inaccurate, or incomplete information and that Uniden is under no obligation to correct or clarify supplied documentation of the Uniden Code.

(F) You acknowledge that the Uniden Code is the sole property of Uniden.

(G) You agree that the Uniden Code, documentation thereof and the related information provided by Uniden are confidential and proprietary information of Uniden (collectively “Uniden Confidential Information”).

(H) You agree to mark any software containing all or part of the Uniden Code, and the written user materials accompanying units that incorporate Uniden Code with notices indicating, “This product contains Uniden proprietary and/or copyright control codes. Used with permission.”

(I) You agree that this EULA does not need to be signed for it to take effect.

(J) You agree to use the Uniden Code in its regular and proper manner.

(K) You acknowledge that Uniden may update, modify or revise the Uniden Code at any time and shall not be obligated to provide such updates, modifications or revisions to you.

(L) You acknowledge that the permission granted herein does not constitute endorsement by Uniden of any software or firmware products you may create in accordance with the purpose stated in section A herein; and you are solely responsible for the configuration of said software or firmware and/or any service matters relating to said software or firmware and/or any Uniden Code used with said software or firmware.

(M) This license is personal to you and you may make copies of the Uniden Code only for your personal use.
You agree that Uniden may audit your use of the Uniden Code for compliance with these terms at any time.

You agree and represent that any products you create which incorporate the Uniden Code are in compliance with all applicable laws.

You shall defend, indemnify and hold harmless Uniden, its subsidiaries and affiliates, and all agents, employees, officers and directors of Uniden, its subsidiaries and affiliates, from all expenses, losses, costs, damages or liability (including reasonable attorneys’ fees and court costs and expenses) arising out of or in connection with any claim or action in connection with the use of any products you create which incorporate the Uniden Code.

3. LICENSE RESTRICTIONS

(A) Other than as set forth in Section 2 of this EULA, you may not make or distribute copies of the Uniden Code, or electronically transfer the Uniden Code from one computer to another or over a network.

(B) You may not alter, merge, modify, adapt or translate the Uniden Code, or decompile, reverse engineer, disassemble, or otherwise reduce the Uniden Code to a human-perceivable form.

(C) You may not sell, rent, lease, assign or sublicense the Uniden Code.

(D) You may not modify the Uniden Code or create derivative works based upon the Uniden Code.

(E) You may not export the Uniden Code into any country prohibited by the United States Export Administration Act and the regulations thereunder.

(F) In the event that you fail to comply with this EULA, Uniden may terminate the license and you must destroy all copies of the Uniden Code (with all other rights of both parties and all other provisions of this EULA surviving any such termination).

4. OWNERSHIP

The foregoing license gives you limited license to use the Uniden Code. Uniden retains all right, title and interest, including all copyright and intellectual property rights, in and to, the Uniden Code or any derivative works, including but not limited to the structure and organization of the Uniden Code, and all copies thereof. All rights not specifically granted in this EULA, including Federal and
International Copyrights, are reserved by Uniden. Uniden reserves the right to terminate this license at any time.

5. **WARRANTY DISCLAIMER**

(A) THE UNIDEN CODE IS PROVIDED TO YOU ON AN “AS-IS” BASIS. UNIDEN PROVIDES NO TECHNICAL SUPPORT OR WARRANTIES FOR THE UNIDEN CODE.

(B) UNIDEN AND ITS SUPPLIERS DISCLAIM ALL WARRANTIES AND REPRESENTATIONS (EXPRESS OR IMPLIED WHETHER BY STATUTE, COMMON LAW, CUSTOM, USAGE OR OTHERWISE) INCLUDING THE WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. ALSO, THERE IS NO WARRANTY OF SATISFACTORY QUALITY, INTEGRATION, NON-INFRINGEMENT OF THIRD PARTY RIGHTS AND TITLE OR QUIET ENJOYMENT. UNIDEN DOES NOT WARRANT THAT THE UNIDEN CODE IS ERROR-FREE OR WILL OPERATE WITHOUT INTERRUPTION. NO RIGHTS OR REMEDIES REFERRED TO IN ARTICLE 2A OF THE UCC WILL BE CONFERRED ON YOU UNLESS EXPRESSLY GRANTED HEREIN.

(C) IF APPLICABLE LAW REQUIRES ANY WARRANTIES WITH RESPECT TO THE UNIDEN CODE, ALL SUCH WARRANTIES ARE LIMITED IN DURATION TO THIRTY (30) DAYS FROM THE DATE OF DELIVERY.

(D) NO ORAL OR WRITTEN INFORMATION OR ADVICE GIVEN BY UNIDEN, ITS DEALERS, SUPPLIERS, DISTRIBUTORS, AGENTS OR EMPLOYEES SHALL CREATE A WARRANTY OR IN ANY WAY INCREASE THE SCOPE OF ANY WARRANTY PROVIDED HEREIN.

6. **LIMITATION OF LIABILITY**

(A) NEITHER UNIDEN NOR ITS SUPPLIERS SHALL BE LIABLE TO YOU OR ANY THIRD PARTY FOR ANY INDIRECT, SPECIAL, INCIDENTAL, PUNITIVE, COVER OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR THE INABILITY TO USE EQUIPMENT OR ACCESS DATA, LOSS OF BUSINESS, LOSS OF PROFITS, BUSINESS INTERRUPTION OR THE LIKE), ARISING OUT OF THE USE OF, OR INABILITY TO USE, THE UNIDEN CODE AND BASED ON ANY THEORY OF LIABILITY INCLUDING BREACH OF CONTRACT, BREACH OF WARRANTY, TORT (INCLUDING NEGLIGENCE), PRODUCT LIABILITY OR OTHERWISE, EVEN IF UNIDEN OR ITS REPRESENTATIVES HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES AND EVEN IF A REMEDY SET
FORTH HEREIN IS FOUND TO HAVE FAILED OF ITS ESSENTIAL PURPOSE.

(B) UNIDEN'S TOTAL LIABILITY TO YOU FOR ACTUAL DAMAGES FOR ANY CAUSE WHATSOEVER WILL BE LIMITED TO THE GREATER OF $10 OR THE AMOUNT PAID BY YOU FOR THE UNIDEN CODE THAT CAUSED SUCH DAMAGE.

(C) THE FOREGOING LIMITATIONS ON LIABILITY ARE INTENDED TO APPLY TO THE WARRANTIES AND DISCLAIMERS ABOVE AND ALL OTHER ASPECTS OF THIS EULA.

7. COMPLIANCE WITH LAWS

Uniden and its affiliates, which offer the Uniden Code to you, are headquartered in the United States. Uniden makes no representation that the Uniden Code is appropriate or legal for use inside or outside the United States. You are responsible for all compliance with your local laws, and use of the Uniden Code where illegal is expressly prohibited.

8. GOVERNING LAW AND VENUE

This EULA shall be interpreted, construed and governed by the laws of the State of Texas, USA, without reference to its laws relating to conflicts of law and not including the provisions of the 1980 United Nations Convention on Contracts for the International Sale of Goods. Venue for all disputes arising under this Agreement shall lie exclusively in the District Courts of the State of Texas in Tarrant County or the Federal District Courts of the Northern District of Texas (as permitted by law) and each party agrees not to contest the personal jurisdiction of these courts. Notwithstanding the foregoing, however, Uniden shall have the right to commence and prosecute any legal or equitable action or proceeding before any non-US court of competent jurisdiction to obtain injunctive or other relief in the event that, in the opinion of Uniden, such action is necessary or desirable.

9. GENERAL PROVISIONS.

This EULA contains the complete agreement between the parties with respect to the subject matter hereof, and supersedes all prior or contemporaneous agreements or understandings, whether oral or written. You agree that any varying or additional terms contained in any purchase order or other written notification or document issued by you in relation to the Uniden Code licensed hereunder shall be of no effect. The failure or delay of Uniden to exercise any of its rights under this EULA or upon any breach of this EULA shall not be deemed a waiver of those rights or of the breach.
If any provision of this EULA shall be held by a court of competent jurisdiction to be contrary to law, that provision will be enforced to the maximum extent permissible, and the remaining provisions of this EULA will remain in full force and effect.

All questions concerning this EULA shall be directed to: Uniden America Corporation, 4700 Amon Carter Boulevard, Fort Worth, Texas 76155.

UNIDEN and other trademarks contained in the Uniden Code are trademarks or registered trademarks of Uniden America Corporation in the United States and/or other countries. You may not remove or alter any trademark, trade names, product names, logo, copyright or other proprietary notices, legends, symbols or labels in the Uniden Code. This EULA does not authorize you to use the UNIDEN name or any of their respective trademarks.

Trademarks and registered trademarks:
All products or service names mentioned in the Uniden Code are trademarks or registered trademarks of Uniden America Corporation.
Copyright © 2003-2004
Uniden America Corporation
ALL RIGHTS RESERVED
7.9. REMOTE COMMAND

【 Remote Communication Format 】

BPS rate   : 9600/19200/38400/57600 bps
Start/Stop bit : 1 bit, 1 bit
Data Length : 8 bit
Parity Check : None
Code : ASCII
Flow Control : None
Return Code : Carriage Return only

【 FORMAT OF THIS DOCUMENT 】

<COMMAND NAME>
Summary explanation of the function of the command

Controller → Radio
    Command format
Radio → Controller
    Response format

NOTE

1. Any command is required to wait a response from the scanner, then, next command will be acceptable.

2. All memory access commands are acceptable in only Program Mode. Use PRG command to enter Program Mode, and EPG command to exit.

3. Error message isn’t described in this document, but the scanner returns error message to the controller as follows.
   1) Command format error / Value error : ERR[\r]
   2) The command is invalid at the time : NG[\r]
   3) Framing error : FER[\r]
   4) Overrun error : ORER[\r]

4. [\r] means “to hit the Enter key” or “to send the Return code”.

5. Several commands or responses with long format are described like multi-line because of the page width but their formats are only single line, actually.

6. In set command, only “,” parameters are not changed.

7. The set command is aborted if any format error is detected.

8. [INDEX] or [xxx_INDEX] is the index of internal memory chain. Dynamic Memory Allocation Structure always uses it as a handle to access data and to trace forward/reverse or up/down index. The range of the index is from 1 to maximum memory block (about 3000).
9. \([\text{FRQ}], [\text{BASE}_x] \text{ and } [\text{LIMIT}_x]\) are frequency format. It is showed by 8-digit number without decimal point. The order of the digits is from 1 GHz digit to 100 Hz digit. 
ex. 08510125 means 851.0125MHz

10. \([\text{NAME}]\) shows each custom name. If user set only space character, the name will return to default name.

### Remote Command List

<table>
<thead>
<tr>
<th>Category</th>
<th>Command</th>
<th>Function</th>
<th>Program Mode Only</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Remote Control</td>
<td>KEY</td>
<td>Push KEY</td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td>POF</td>
<td>Power OFF</td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td>QSH</td>
<td>Go to quick search hold mode</td>
<td></td>
</tr>
<tr>
<td>4.</td>
<td>STS</td>
<td>Get Status</td>
<td></td>
</tr>
<tr>
<td>5. System information</td>
<td>MDL</td>
<td>Get Model Info</td>
<td></td>
</tr>
<tr>
<td>6.</td>
<td>VER</td>
<td>Get Firmware Version</td>
<td></td>
</tr>
<tr>
<td>7. Programming Mode</td>
<td>PRG</td>
<td>Enter Program Mode</td>
<td></td>
</tr>
<tr>
<td>8. Control</td>
<td>EPG</td>
<td>Exit Program Mode</td>
<td></td>
</tr>
<tr>
<td>9. System Settings</td>
<td>BLT</td>
<td>Get/Set Backlight</td>
<td>○</td>
</tr>
<tr>
<td>10.</td>
<td>BSV</td>
<td>Get/Set Battery Save</td>
<td>○</td>
</tr>
<tr>
<td>11.</td>
<td>CLR</td>
<td>Clear All Memory</td>
<td>○</td>
</tr>
<tr>
<td>12.</td>
<td>KBP</td>
<td>Get/Set Key Beep</td>
<td>○</td>
</tr>
<tr>
<td>13.</td>
<td>OMS</td>
<td>Get/Set Opening Message</td>
<td>○</td>
</tr>
<tr>
<td>14.</td>
<td>PRI</td>
<td>Get/Set Priority Mode</td>
<td>○</td>
</tr>
<tr>
<td>15. Scan Settings</td>
<td>SCT</td>
<td>Get System Count</td>
<td>○</td>
</tr>
<tr>
<td>16.</td>
<td>SIH</td>
<td>Get System Index Head</td>
<td>○</td>
</tr>
<tr>
<td>17.</td>
<td>SIT</td>
<td>Get System Index Tail</td>
<td>○</td>
</tr>
<tr>
<td>18.</td>
<td>QSL</td>
<td>Get/Set System Quick Lockout</td>
<td>○</td>
</tr>
<tr>
<td>19.</td>
<td>QGL</td>
<td>Get/Set Group Quick Lockout</td>
<td>○</td>
</tr>
<tr>
<td>20.</td>
<td>CSY</td>
<td>Create System</td>
<td>○</td>
</tr>
<tr>
<td>21.</td>
<td>DSY</td>
<td>Delete System</td>
<td>○</td>
</tr>
<tr>
<td>22.</td>
<td>CPS</td>
<td>Copy System</td>
<td>○</td>
</tr>
<tr>
<td>23.</td>
<td>SIN</td>
<td>Get/Set System Info</td>
<td>○</td>
</tr>
<tr>
<td>24.</td>
<td>AGC</td>
<td>Append Channel Group</td>
<td>○</td>
</tr>
<tr>
<td>25.</td>
<td>DGR</td>
<td>Delete Group</td>
<td>○</td>
</tr>
<tr>
<td>26.</td>
<td>GIN</td>
<td>Get/Set Group Info</td>
<td>○</td>
</tr>
</tbody>
</table>

### (Continued from)

<table>
<thead>
<tr>
<th>Category</th>
<th>Command</th>
<th>Function</th>
<th>Program Mode Only</th>
</tr>
</thead>
<tbody>
<tr>
<td>27. Scan Settings</td>
<td>ACC</td>
<td>Append Channel</td>
<td>○</td>
</tr>
<tr>
<td>28.</td>
<td>DCH</td>
<td>Delete Channel</td>
<td>○</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>---</td>
<td>---</td>
<td></td>
</tr>
<tr>
<td>29.</td>
<td>previous page</td>
<td></td>
<td></td>
</tr>
<tr>
<td>30.</td>
<td>CIN</td>
<td>Get/Set Channel Info</td>
<td></td>
</tr>
<tr>
<td>31.</td>
<td>REV</td>
<td>Get Rev Index</td>
<td></td>
</tr>
<tr>
<td>32.</td>
<td>FWD</td>
<td>Get Fwd Index</td>
<td></td>
</tr>
<tr>
<td>33.</td>
<td>RMB</td>
<td>Get Remains of Memory Block</td>
<td></td>
</tr>
<tr>
<td>34.</td>
<td>MEM</td>
<td>Get Memory Used</td>
<td></td>
</tr>
<tr>
<td>35.</td>
<td>Search/Close Call Settings</td>
<td>SCO</td>
<td>Get/Set Search/Close Call Settings</td>
</tr>
<tr>
<td>36.</td>
<td>GLF</td>
<td>Get Global Lockout Freq</td>
<td></td>
</tr>
<tr>
<td>37.</td>
<td>ULF</td>
<td>Unlock Global L/O</td>
<td></td>
</tr>
<tr>
<td>38.</td>
<td>CLC</td>
<td>Get/Set Close Call Settings</td>
<td></td>
</tr>
<tr>
<td>39.</td>
<td>Custom Search Settings</td>
<td>CSG</td>
<td>Get/Set Custom Search Group</td>
</tr>
<tr>
<td>40.</td>
<td>CSP</td>
<td>Get/Set Custom Search Settings</td>
<td></td>
</tr>
<tr>
<td>41.</td>
<td>Weather Settings</td>
<td>WPR</td>
<td>Get/Set Weather Priority Setting</td>
</tr>
<tr>
<td>42.</td>
<td>SGP</td>
<td>Get/Set SAME Group Settings</td>
<td></td>
</tr>
<tr>
<td>43.</td>
<td>Test</td>
<td>WIN</td>
<td>*Get Window Voltage</td>
</tr>
<tr>
<td></td>
<td></td>
<td>BAV</td>
<td>*Get Battery Voltage</td>
</tr>
</tbody>
</table>
< SC230 Operation Specification >

COMMAND KEY

Push KEY

Controller → Radio

①KEY, [KEY_CODE], [KEY_MODE][¥r]

Radio → Controller

①KEY, OK[¥r]

[KEY_CODE] M : MENU
        F : F
        H : HOLD
        S : SCAN/SEARCH
        L : L/O
        C : CAR/LOCK
        1 : 1/PRI
        2 : 2/WX
        3 : 3
        4 : 4
        5 : 5
        6 : 6
        7 : 7/Rcl
        8 : 8
        9 : 9
        0 : 0/RACE
        .(dot) : ./NO/REVERSE
        E : E/YES/ATT
        > : VFO RIGHT * Set “P” to KEY_MODE.
        < : VFO LEFT * Set “P” to KEY_MODE.
        ^ : VFO PUSH
        P : POWER/LIGHT

[KEY_MODE] P : Press (One Push)
        L : Long Press (Press and Hold a few second)
        H : Hold (Press and Hold until Release receive)
        R : Release (Cancel Hold state)

Ex.1) Press MENU KEY

→ KEY, M, P[¥r]
← OK[¥r]

Ex.2) Press F + SCAN KEY

→ KEY, F, H[¥r] : Hold F KEY
← OK[¥r]
→ KEY, S, P[¥r] : Press SCAN KEY (F + SCAN KEY operation)
← OK[¥r]
→ KEY, F, R[¥r] : Release F KEY
→ OK[¥r]

Ex.3) Press and Hold L/O KEY

→ KEY, L, L[¥r]
← OK[¥r]

The Scanner is not turned off by this command.
< SC230 Operation Specification >

<COMMAND POF>
Power OFF

Controller → Radio
①POF[\r]
Radio → Controller
①POF,OK[\r]

Turns off the scanner.
After this command, the scanner doesn't accept any command.

<COMMAND QSH>
Go to quick search hold mode

Controller → Radio
QSH, [FRQ], [STP], [MOD], [ATT], [DLY], [SKP], [CODE_SRCH], [PGR], [REP][\r]

Radio → Controller
①QSH,OK[\r]

[FRQ] : Frequency (The right frequency)
[STP] : Search Step
(0, 500, 625, 750, ...... , 5000, 10000, 20000)
0 : AUTO
500 : 5k
625 : 6.25k
750 : 7.5k
1000 : 10k
1250 : 12.5k
1500 : 15k
2500 : 25k
5000 : 50k
10000 : 100k

[MOD] : Modulation (AUTO/FM/NFM/AM)

[ATT] : Attenuation  (0:OFF / 1:ON)

[DLY] : Delay Time  (0-5)

[SKP] : Data Skip  (0:OFF / 1:ON)

[CODE_SRCH] : CTCSS/DCS Search  (0:OFF / 1:ON)

[PGR] : Pager Screen  (0:OFF / 1:ON)

[REP] : Repeater Find  (0:OFF / 1:ON)

②QSH,NG[\r]
This command is invalid when the Scanner is in Menu Mode,
during Direct Entry operation, during Quick Save operation.

FUNCTION
SS specifies arbitrary frequency and changes to Quick Search Hold (VFO) mode.
Parameter, such as STP, changes the contents of Srch/CloCall option.
< SC230 Operation Specification >

COMMAND STS
Get Current Status

Controller → Radio
①STS[\r]

Radio → Controller
①STS,[L1_CHAR],[L1_MODE],[L2_CHAR],[L2_MODE],[ICON1],[ICON2],[RESERVE],[SQL],[MUT],[BAT],[WAT][\r]

[L1_CHAR] : Line1 Characters 16char (fixed length)
[L1_MODE] : Line1 Display Mode 16char
[L2_CHAR] : Line2 Characters 16char (fixed length)
[L2_MODE] : Line2 Display Mode 16char
[ICON1] : Icon1 Group Display Mode 15char
[ICON2] : Icon2 Group Display Mode 17char
[RESERVE] : (Reserved area, not used)
[SQL] : Squelch Status (0:CLOSE / 1:OPEN)
[MUT] : Mute Status (0:OFF / 1:ON)
[BAT] : Battery Low Status (0:No Alert / 1:Alert)
[WAT] : Weather Alert Status 0: No Alert 1: Alert

$$$ : Alert SAME CODE (SAME EVENT CODE)

NOTE: Line1 or Line2 Characters may include "," as displayed character.

Display Mode for Line1 or Line2
(space) : NORMAL CHAR, _ (under bar) : CURSOR POINT
* : REVERSE CHAR, # : BLINK CHAR

Display Mode for Icon1 or Icon2 Group (0:OFF / 1:ON / 2:BLINK)

ICON1 Group and Order: SYS /1/2/3/4/5/6/7/8/9/0 / ATT / PRI / KEYLOCK / BATT
ICON2 Group and Order: GRP /1/2/3/4/5/6/7/8/9/0 / AM / N / FM / L/O / F / CC

Ex) → STS[\r]
← System A
" 851.0125MHz ",############################,
112011111110000,11111111000011000,
1,0,0,0[\r]

```
System A
"851.0125MHz " (L1:BLINK)
SYS 12 4567890 ATT (2 :BLINK)
GRP 1234567 NFM
```

Scan Mode
Squelch OPEN
Mute OFF
No Battery Alert
No Weather Alert

Returns current scanner status.

150
<SC230 Operation Specification>

COMMAND MDL
Get Model Info

Controller → Radio
①MDL[\r]

Radio → Controller
①MDL,SC230[\r]

Returns Model Information.

COMMAND VER
Get Firmware Version

Controller → Radio
①VER[\r]

Radio → Controller
①VER,VR1.00[\r]

Returns Firmware Version.

COMMAND PRG
Enter Program Mode

Controller → Radio
①PRG[\r]

Radio → Controller
①PRG,OK[\r]
②PRG,NG[\r]

This command is invalid when the Scanner is in Menu Mode, during Direct Entry operation, during Quick Save operation.

The Scanner goes to Program Mode. The Scanner displays “Remote Mode” on upper line and “Keypad Lock” on lower line in Program Mode. And POWER key and Function key are valid in Program Mode.

COMMAND EPG
Exit Program Mode

Controller → Radio
①EPG[\r]

Radio → Controller
①EPG,OK[\r]
The Scanner exits from Program Mode. Then the Scanner goes to Scan Hold Mode.
Get/Set Backlight Setting

Controller → Radio
①BLT[\r] : Get Backlight Setting
②BLT,##[\r] : Set Backlight Setting

Radio → Controller
①BLT,##[\r]
②BLT,OK[\r]

## means Backlight Setting
IF : INFINITE
10 : 10sec
30 : 30sec
KY : KEYPRESS
SQ : SQUELCH

Get/Set Backlight Setting.
This command is only acceptable in Programming Mode.

Get/Set Battery Save Setting

Controller → Radio
①BSV[\r] : Get Battery Save Setting
②BSV,#[\r] : Set Battery Save Setting

Radio → Controller
①BSV,#[\r]
②BSV,OK[\r]

# means Battery Save Setting
(0:OFF / 1:ON)

Get/Set Battery Save Setting.
This command is only acceptable in Programming Mode.

Clear All Memory

Controller → Radio
①CLR[\r]

Radio → Controller
①CLR,OK[\r]

All the memories are set for initial setting.
This command is only acceptable in Programming Mode.

Note) Needs about 10 seconds execute time.
Only PC Control (Baud Rate) does not become an initial-setting value.
<SC230 Operation Specification>

<COMMAND KBP>
Get/Set Key Beep

Controller → Radio
①KBP[¥r] : Get Key Beep Setting
②KBP,#[¥r] : Set Key Beep Setting

Radio → Controller
①KBP,#[¥r]
②KBP.OK[¥r]

# means Key Beep Setting
(0:OFF / 1:ON)

Get/Set Key Beep Setting.
This command is only acceptable in Programming Mode.

<COMMAND OMS>
Get/Set Opening Message

Controller → Radio
①OMS[¥r]
②OMS,[L1_CHAR],[L2_CHAR][¥r]

Radio → Controller
①OMS,[L1_CHAR],[L2_CHAR][¥r]
②OMS.OK[¥r]

Get/Set Opening Message.
[L1_CHAR] : Line1 Characters (max.16char)
[L2_CHAR] : Line2 Characters (max.16char)

If only space code is set in character area, the message returns default message.

<COMMAND PRI>
Get/Set Priority Mode

Controller → Radio
①PRI[¥r] : Get Priority Mode Setting
②PRI,#[¥r] : Set Priority Mode Setting

Radio → Controller
①PRI,#[¥r]
②PRI.OK[¥r]

# means Priority Setting
(0:OFF / 1:ON, 2:PLUS ON)

Get/Set Priority Mode.
This command is only acceptable in Programming Mode.
< COMMAND SCT >
Get System Count

Controller → Radio
①SCT[Wr]
Radio → Controller
①SCT,###[Wr] : ### (0-200)

Returns the number of stored System.
This command is only acceptable in Programming Mode.

< COMMAND SIH >
Get System Index Head

Controller → Radio
①SIH[Wr]

Radio → Controller
①SIH,[SYS_INDEX][Wr]

Returns the first index of stored system list.
This command is only acceptable in Programming Mode.

< COMMAND SIT >
Get System Index Tail

Controller → Radio
①SIT[Wr]

Radio → Controller
①SIT,[SYS_INDEX][Wr]

Returns the last index of stored system list.
This command is only acceptable in Programming Mode.
< SC230 Operation Specification >

<COMMAND QSL>
Get/Set System Quick Lockout

Controller → Radio
①QSL[¥r]
②QSL,##########[¥r]

Radio → Controller
①QSL,##########[¥r]
②QSL,OK[¥r]

Returns the System Quick Key L/O status.
: ########## (each # is 0 or 1)
  0 means unlocked
  1 means lockout
  The Order of Quick Key is as same as LCD Icon.

This command is only acceptable in Programming Mode.
It cannot turn on/off the Quick Key that has no System.
*10th bit(Quick Key 0) is not used and is always 1.

<COMMAND QGL>
Get/Set Group Quick Lockout

Controller → Radio
①QGL,[SYS_INDEX],[¥r]
②QGL,[SYS_INDEX],##########[¥r]

Radio → Controller
①QGL,##########[¥r]
②QGL,OK[¥r]

Returns Group Quick Key L/O status of current System.
: ########## (each # is 0 or 1)
  0 means unlocked
  1 means lockout
  The Order of Quick Key is as same as LCD Icon.

This command is only acceptable in Programming Mode.
It cannot turn on/off the Quick Key that has no Group.

<COMMAND CSY>
Create System

Controller → Radio
①CSY,[SYS_TYPE][¥r]

Radio → Controller
①CSY,[SYS_INDEX][¥r]

[SYS_TYPE] : System Type
  CNV : CONVENTIONAL
  RACE : RACING

[SYS_INDEX] : The Index of Created System

156
< SC230 Operation Specification >

Creates a system and returns created system index. The index is a handle to get/set system information. Returns -1 if the scanner failed to create because of no resource. This command is only acceptable in Programming Mode.

COMMAND DSY>
Delete System

Controller → Radio
①DSY,[SYS_INDEX][¥r]

Radio → Controller
①DSY,OK[¥r]

SYS_INDEX] : System Index

This command deletes a System. This command is only acceptable in Programming Mode.

COMMAND CPS>
Copy System

Controller → Radio
①CPS,[SYS_INDEX1],[NAME][¥r]

Radio → Controller
①CPS,[SYS_INDEX2][¥r]

SYS_INDEX1] : The Index of Source System
[NAME] : The Name of Copied System
SYS_INDEX2] : The Index of Copied System

Copies a system. Returns -1 if the scanner failed to copy because of no resource. This command is only acceptable in Programming Mode.
< SC230 Operation Specification >

Get/Set System Info

Controller → Radio
①SIN, [INDEX][¥r]
②SIN, [INDEX], [NAME], [QUICK_KEY], [HLD], [LOUT], [RES], [DLY], [SKP], [EMG][¥r]

Radio → Controller
①SIN, [SYS_TYPE], [NAME], [QUICK_KEY], [HLD], [LOUT], [RES], [DLY], [SKP], [EMG],
   [REV_INDEX], [FWD_INDEX], [CHN_GRP_HEAD], [CHN_GRP_TAIL], [SEQ_NO][¥r]
②SIN,OK[¥r]

[Index]   : System Index
[System Type]  : System Type
[Name]      : Name (max. 16char)
[Quick Key]   : Quick Key (1-9,.. (dot): means none)
[HLD]   : System Hold Time (0-255)
[LOUT]  : Lockout       (0: Unlocked / 1: Lockout)
[RES]   : Reserved for future use (Not used in the meantime)
[DLY]  : Delay Time     (0-5)
[SKP]   : Data Skip     (0: OFF / 1: ON)
[EMG]  : Emergency Alert (0: Ignore / 1: Alert)
[REV_INDEX] : Reverse System Index of the Scan Setting
[FWD_INDEX] : Forward System Index of the Scan Setting
[CHN_GRP_HEAD] : Channel Group Index Head of the System
[CHN_GRP_TAIL] : Channel Group Index Tail of the System
[SEQ_NO] : System Sequence Number (1-200)

Get/Set System Information.
The scanner returns only ",," to punctuate for parameters which
are not appropriate the system type.
In set command, the scanner neglects the parameters that are not
appropriate the system type.
In set command, only "," parameters are not changed.
The set command is aborted if any format error is detected.
This command is only acceptable in Programming Mode.

Append Channel Group

Controller → Radio
①AGC, [SYS_INDEX][¥r]

Radio → Controller
①AGC, [GRP_INDEX][¥r]

[System Index] : System Index
[GRP_INDEX] : appended Channel Group Index

Append Channel Group to the system.
Returns -1 if the scanner failed to create because of no resource.
This command is only acceptable in Programming Mode.
< SC230 Operation Specification >

COMMAND DGR
Delete Group

Controller → Radio
① DGR, [GRP_INDEX][r]

Radio → Controller
① DGR, OK[r]

[GRP_INDEX] : Group Index

This command deletes a Channel Group.
This command is only acceptable in Programming Mode.

COMMAND GIN
Get/Set Group Info

Controller → Radio
① GIN, [GRP_INDEX][r]
② GIN, [GRP_INDEX], [NAME], [QUICK_KEY], [LOUT][r]

Radio → Controller
① GIN, [GRP_TYPE], [NAME], [QUICK_KEY], [LOUT], [REV_INDEX],
    [FWD_INDEX], [SYS_INDEX], [CHN_HEAD], [CHN_TAIL], [SEQ_NO][r]
② GIN, OK[r]

[GRP_INDEX] : Group Index
[GRP_TYPE] : Group Type (C: Conventional Group / R: Racing Group)
[NAME] : Name (max. 16char) for Conventional Group
         For Racing Group, this parameter should meet the
         following format: “[Car#](3 digits)[Blank]
          [Driver Name](12 chars)”
         *If Car# is less than 3 digits, put it from left
to right. The rest space must fill with Blank.
[QUICK_KEY] : Quick Key (1-9, 0: means 10, .(dot): means none)
[LOUT] : Lockout (0: Unlocked / 1: Lockout)
[REV_INDEX] : Reverse Group Index of the System
[FWD_INDEX] : Forward Group Index of the System
[SYS_INDEX] : System Index
[CHN_HEAD] : Channel Index Head of the Group List
[CHN_TAIL] : Channel Index Tail of the Group List
[SEQ_NO] : Group Sequence Number of the System

Get/Set Group Information.
In set command, only “,” parameters are not changed.
The set command is aborted if any format error is detected.
This command is only acceptable in Programming Mode.
< SC230 Operation Specification >

<COMMAND ACC>
Append Channel

Controller → Radio
①ACC, [GRP_INDEX][¥r]

Radio → Controller
①ACC, [CHN_INDEX][¥r]

[GRP_INDEX]  : Channel Group Index
[CHN_INDEX]  : appended Channel Index

Append Channel to the group.
Returns -1 if the scanner failed to create because of no resource.
This command is only acceptable in Programming Mode.

<COMMAND DCH>
Delete Channel

Controller → Radio
①DCH, [INDEX][¥r]

Radio → Controller
①DCH, OK[¥r]

[INDEX]  : Channel Index

This command deletes a Channel.
This command is only acceptable in Programming Mode.
<SC230 Operation Specification>

COMMAND CIN
Get/Set Channel Info

Controller → Radio
①CIN, [INDEX][^r]
②CIN, [INDEX], [NAME], [FRQ], [STP], [MOD], [CTCSS/DCS], [TLOCK],
[LOUT], [PRI], [ATT], [ALT][^r]

Radio → Controller
①CIN, [NAME], [FRQ], [STP], [MOD], [CTCSS/DCS], [TLOCK], [LOUT], [PRI], [ATT],
[ALT], [REV_INDEX], [FWD_INDEX], [SYS_INDEX], [GRP_INDEX],[^r]
②CIN, OK[^r]

• [INDEX]  : Channel Index
• [NAME]  : Name (max. 16char)
• [FRQ]  : Channel Frequency
• [STP]  : Search Step
  (0, 500, 625, 750, .... , 5000, 10000, 20000)
  0  : AUTO
  500 : 5k
  625 : 6.25k
  750 : 7.5k
  1000 : 10k
  1250 : 12.5k
  1500 : 15k
  2500 : 25k
  5000 : 50k
  10000 : 100k
• [MOD]  : Modulation (AUTO/FM/NFM/AM)
• [ATT]  : Attenuation (0:OFF / 1:ON)
• [CTCSS/DCS] : CTCSS/DCS Mode (0-231: see CTCSS/DCS Code List)
• [TLOCK]  : CTCSS/DCS Tone Lockout (0:OFF / 1:ON)
• [LOUT]  : Lockout (0:Unlocked / 1:Lockout)
• [PRI]  : Priority (0:OFF / 1:ON)
• [ALT]  : Alert (0:OFF / 1:ON)
• [REV_INDEX] : Reverse Channel Index
• [FWD_INDEX] : Forward Channel Index
• [SYS_INDEX] : System Index
• [GRP_INDEX] : Group Index

Get/Set Channel Information.
In set command, only "." parameters are not changed.
The set command is aborted if any format error is detected.
This command is only acceptable in Programming Mode.
< SC230 Operation Specification >

<COMMAND REV>
Get Rev Index

Controller → Radio
①REV, [INDEX][¥r]

Radio → Controller
①REV, [INDEX][¥r]

Returns reverse(backward) index of the index in the memory chain.
Returns -1 if no more index exists.
This command is only acceptable in Programming Mode.

<COMMAND FWD>
Get Fwd Index

Controller → Radio
①FWD, [INDEX][¥r]

Radio → Controller
①FWD, [INDEX][¥r]

Returns forward index of the index in the memory chain.
Returns -1 if no more index exists.
This command is only acceptable in Programming Mode.

<COMMAND RMB>
Get Remains of Memory Block

Controller → Radio
①RMB[¥r]

Radio → Controller
①RMB, ####[¥r]

Returns the number of idle(free) memory block.
: #### (0-9999)
This command is only acceptable in Programming Mode.

<COMMAND MEM>
Get Memory Used

Controller → Radio
①MEM[¥r]

Radio → Controller
①MEM, ###[¥r]

Returns % memory used.
: ### (0-100%)
This command is only acceptable in Programming Mode.
Get/Set Search/Close Call Settings

Controller → Radio
  ① SCO[¥r]
  ② SCO, [STP], [MOD], [ATT], [DLY], [SKP], [CODE_SRCH], [PGR], [REP], [MAX_STORE][¥r]

Radio → Controller
  ① SCO, [STP], [MOD], [ATT], [DLY], [SKP], [CODE_SRCH], [PGR], [REP], [MAX_STORE][¥r]
  ② SCO, OK[¥r]

[STP] : Search Step
  (0, 500, 625, 750, ..., 5000, 10000, 20000)
  0  : AUTO
  500 : 5k
  625 : 6.25k
  750 : 7.5k
  1000 : 10k
  1250 : 12.5k
  1500 : 15k
  2500 : 25k
  5000 : 50k
  10000 : 100k

[MOD] : Modulation (AUTO/FM/NFM/AM)

[ATT] : Attenuation (0:OFF / 1:ON)

[DLY] : Delay Time (0-5)

[SKP] : Data Skip (0:OFF / 1:ON)

[CODE_SRCH] : CTCSS/DCS Search (0:OFF / 1:ON)

[PGR] : Pager Screen (0:OFF / 1:ON)

[REP] : Repeater Find (0:OFF / 1:ON)

[MAX_STORE] : Max Auto Store (1-256)

Get/Set Search/Close Call Settings.
In set command, only "," parameters are not changed.
The set command is aborted if any format error is detected.
This command is only acceptable in Programming Mode.
< SC230 Operation Specification >

COMMAND GLF
Get Global Lockout Freq

Controller → Radio
①GLF[¥r]

Radio → Controller
①GLF,[FRQ][¥r]
GLF,-1[¥r]

[FRQ] : Lockout Frequency (25.0000-1300.0000)
This command is used to get Global L/O frequency list.
You should call this command again and again to get all-global L/O frequency until the scanner returns -1.
-1 means that no more L/O frequency exists.
This command is only acceptable in Programming Mode.

COMMAND ULF
Unlock Global L/O

Controller → Radio
①ULF,[FRQ][¥r]

Radio → Controller
①ULF,OK[¥r]

[FRQ] : Lockout Frequency (25.0000-1300.0000)
This command unlocks a Global L/O frequency.
The frequency is deleted from L/O list.
This command is only acceptable in Programming Mode.

COMMAND LOF
Lock Out Frequency

Controller → Radio
①LOF,[FRQ][¥r]

Radio → Controller
①LOF,OK[¥r]

[FRQ] : Frequency (25.0000-1300.0000)
This command locks out a frequency.
The frequency is added to L/O list.
This command is only acceptable in Programming Mode.
< SC230 Operation Specification >

COMMAND CLC
Get/Set Close Call Settings

Controller → Radio
①CLC[r]
②CLC, [CC_MODE], [CC_OVERRIDE], [ALT], [CC_BAND][r]

Radio → Controller
①CLC, [CC_MODE], [CC_OVERRIDE], [ALT], [CC_BAND][r]
②CLC, OK[r]

[CC_MODE] : Mode   (1:ON / 0:OFF)
[CC_OVERRIDE] : Override (1:ON / 0:OFF)
[ALT]  : Alert   (N:NONE / B:BEEP / L:LIGHT/ A:BEEP+LIGHT)
[CC_BAND] : Band   (5digit ##### # means 0 or 1)
            Band Order : VHF LOW / AIR BAND / VHF HIGH / UHF / 800MHz+

Get/Set Close Call Settings.
In set command, only “,” parameters are not changed.
The set command is aborted if any format error is detected.
This command is only acceptable in Programming Mode.

COMMAND CSG
Get/Set Custom Search Group

Controller → Radio
①CSG[r]
②CSG, ##########[r] : Status of Each Search Range

Radio → Controller
①CSG, ##########[r]
②CSG, OK[r]

: ########## (each # is 0 or 1)
  0 : valid
  1 : invalid
The Order of Range is as same as LCD Icon.

Get/Set current status of the custom search range.
This command is only acceptable in Programming Mode.
< SC230 Operation Specification >

<COMMAND CSP>
Get/Set Custom Search Settings

Controller → Radio
①CSP,[SRCH_INDEX][VR]
②CSP,[SRCH_INDEX],[NAME],[LIMIT_L],[LIMIT_H],[STP],[MOD],[ATT],[DLY],[SKP][VR]

Radio → Controller
①CSP,[NAME],[LIMIT_L],[LIMIT_H],[STP],[MOD],[ATT],[DLY],[SKP][VR]
②CSP,OK[VR]

[SRCH_INDEX] : Index (1-9, 0 means 10)
[NAME] : Name (max.16char)
[LIMIT_L] : Lower Limit Frequency (25.0000-1300.0000)
[LIMIT_H] : Upper Limit Frequency (25.0000-1300.0000)
[STP] : Search Step
   (0, 500, 625, 750, .... , 5000, 10000, 20000)  
   0 : AUTO  
   500 : 5k  
   625 : 6.25k  
   750 : 7.5k  
   1000 : 10k  
   1250 : 12.5k  
   1500 : 15k  
   2500 : 25k  
   5000 : 50k  
   10000 : 100k  
[MOD] : Modulation (AUTO/FM/NFM/AM)
[ATT] : Attenuation (0:OFF / 1:ON)
[DLY] : Delay Time (0-5)
[SKP] : Data Skip (0:OFF / 1:ON)

Get/Set Custom Search Settings.
In set command, only "," parameters are not changed.
The set command is aborted if any format error is detected.
This command is only acceptable in Programming Mode.
< SC230 Operation Specification >

COMMAND WPR
Get/Set Weather Priority Settings

Controller → Radio
① WPR[\r]
② WPR,#[\r]

Radio → Controller
① WPR,#[\r]
② WPR,OK[\r]

# means Weather Priority Setting
(0:OFF / 1:ON)

Get/Set Weather Priority Settings.
This command is only acceptable in Programming Mode.

COMMAND SGP
Get/Set SAME Group Settings

Controller → Radio
① SGP,[SAME_INDEX][\r]
② SGP,[SAME_INDEX],[NAME],[FIPS1],[FIPS2],[FIPS3],[FIPS4],[FIPS5],[FIPS6],
[FIPS7],[FIPS8][\r]

Radio → Controller
① SGP,[NAME],[FIPS1],[FIPS2],[FIPS3],[FIPS4],[FIPS5],[FIPS6],[FIPS7],[FIPS8][\r]
② SGP,OK[\r]

[SAME_INDEX] : SAME Index (1-5)
[NAME] : SAME Group Name (max.16char)
[FIPS1-8] : FIPS Code (6digit:000000-999999, or -------- means none)

Get/Set SAME Group Settings.
In set command, only "," parameters are not changed.
The set command is aborted if any format error is detected.
This command is only acceptable in Programming Mode.

167
<SC230 Operation Specification>

<COMMAND WIN>
*Get Window Voltage

Controller → Radio
①WIN[yr]

Radio → Controller
①WIN,###,[FRQ][yr] : A/D Value (0–255)

Returns current window voltage and its frequency.
The order of the frequency digits is from 1 GHz digit to 100 Hz digit.
This command is for test mode.

<COMMAND BAV>
*Get Battery Voltage

Controller → Radio
①BAV[yr]

Radio → Controller
①BAV,###[yr] : A/D Value (0–255)

Battery Level[V] = (3.3[V] * ### )/255

Returns current battery voltage.
This command is for test mode.
< SC230 Operation Specification >

CTCSS/DCS CODE LIST

### NONE / SEARCH

<table>
<thead>
<tr>
<th>MODE</th>
<th>CODE</th>
<th>MODE</th>
<th>CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>NONE</td>
<td>0</td>
<td>SEARCH</td>
<td>127</td>
</tr>
</tbody>
</table>

### CTCSS

<table>
<thead>
<tr>
<th>MODE</th>
<th>CODE</th>
<th>MODE</th>
<th>CODE</th>
<th>MODE</th>
<th>CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTCSS 67.0Hz</td>
<td>64</td>
<td>CTCSS 118.8Hz</td>
<td>81</td>
<td>CTCSS 183.5Hz</td>
<td>98</td>
</tr>
<tr>
<td>CTCSS 69.3Hz</td>
<td>65</td>
<td>CTCSS 123.0Hz</td>
<td>82</td>
<td>CTCSS 186.2Hz</td>
<td>99</td>
</tr>
<tr>
<td>CTCSS 71.9Hz</td>
<td>66</td>
<td>CTCSS 127.3Hz</td>
<td>83</td>
<td>CTCSS 189.9Hz</td>
<td>100</td>
</tr>
<tr>
<td>CTCSS 74.4Hz</td>
<td>67</td>
<td>CTCSS 131.8Hz</td>
<td>84</td>
<td>CTCSS 192.8Hz</td>
<td>101</td>
</tr>
<tr>
<td>CTCSS 77.0Hz</td>
<td>68</td>
<td>CTCSS 136.5Hz</td>
<td>85</td>
<td>CTCSS 196.6Hz</td>
<td>102</td>
</tr>
<tr>
<td>CTCSS 79.7Hz</td>
<td>69</td>
<td>CTCSS 141.3Hz</td>
<td>86</td>
<td>CTCSS 199.5Hz</td>
<td>103</td>
</tr>
<tr>
<td>CTCSS 82.5Hz</td>
<td>70</td>
<td>CTCSS 146.2Hz</td>
<td>87</td>
<td>CTCSS 203.5Hz</td>
<td>104</td>
</tr>
<tr>
<td>CTCSS 85.4Hz</td>
<td>71</td>
<td>CTCSS 151.4Hz</td>
<td>88</td>
<td>CTCSS 206.5Hz</td>
<td>105</td>
</tr>
<tr>
<td>CTCSS 88.5Hz</td>
<td>72</td>
<td>CTCSS 156.7Hz</td>
<td>89</td>
<td>CTCSS 210.7Hz</td>
<td>106</td>
</tr>
<tr>
<td>CTCSS 91.5Hz</td>
<td>73</td>
<td>CTCSS 159.8Hz</td>
<td>90</td>
<td>CTCSS 218.1Hz</td>
<td>107</td>
</tr>
<tr>
<td>CTCSS 94.8Hz</td>
<td>74</td>
<td>CTCSS 162.2Hz</td>
<td>91</td>
<td>CTCSS 225.7Hz</td>
<td>108</td>
</tr>
<tr>
<td>CTCSS 97.4Hz</td>
<td>75</td>
<td>CTCSS 165.5Hz</td>
<td>92</td>
<td>CTCSS 229.1Hz</td>
<td>109</td>
</tr>
<tr>
<td>CTCSS 100.0Hz</td>
<td>76</td>
<td>CTCSS 167.9Hz</td>
<td>93</td>
<td>CTCSS 233.6Hz</td>
<td>110</td>
</tr>
<tr>
<td>CTCSS 103.5Hz</td>
<td>77</td>
<td>CTCSS 171.3Hz</td>
<td>94</td>
<td>CTCSS 241.8Hz</td>
<td>111</td>
</tr>
<tr>
<td>CTCSS 107.2Hz</td>
<td>78</td>
<td>CTCSS 173.8Hz</td>
<td>95</td>
<td>CTCSS 250.3Hz</td>
<td>112</td>
</tr>
<tr>
<td>CTCSS 110.9Hz</td>
<td>79</td>
<td>CTCSS 177.3Hz</td>
<td>96</td>
<td>CTCSS 254.1Hz</td>
<td>113</td>
</tr>
<tr>
<td>CTCSS 114.8Hz</td>
<td>80</td>
<td>CTCSS 179.9Hz</td>
<td>97</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MODE</td>
<td>CODE</td>
<td>MODE</td>
<td>CODE</td>
<td>MODE</td>
<td>CODE</td>
</tr>
<tr>
<td>--------</td>
<td>------</td>
<td>--------</td>
<td>------</td>
<td>--------</td>
<td>------</td>
</tr>
<tr>
<td>DCS 023</td>
<td>128</td>
<td>DCS 223</td>
<td>163</td>
<td>DCS 445</td>
<td>198</td>
</tr>
<tr>
<td>DCS 025</td>
<td>129</td>
<td>DCS 225</td>
<td>164</td>
<td>DCS 446</td>
<td>199</td>
</tr>
<tr>
<td>DCS 026</td>
<td>130</td>
<td>DCS 226</td>
<td>165</td>
<td>DCS 452</td>
<td>200</td>
</tr>
<tr>
<td>DCS 031</td>
<td>131</td>
<td>DCS 243</td>
<td>166</td>
<td>DCS 454</td>
<td>201</td>
</tr>
<tr>
<td>DCS 032</td>
<td>132</td>
<td>DCS 244</td>
<td>167</td>
<td>DCS 455</td>
<td>202</td>
</tr>
<tr>
<td>DCS 036</td>
<td>133</td>
<td>DCS 245</td>
<td>168</td>
<td>DCS 462</td>
<td>203</td>
</tr>
<tr>
<td>DCS 043</td>
<td>134</td>
<td>DCS 246</td>
<td>169</td>
<td>DCS 464</td>
<td>204</td>
</tr>
<tr>
<td>DCS 047</td>
<td>135</td>
<td>DCS 251</td>
<td>170</td>
<td>DCS 465</td>
<td>205</td>
</tr>
<tr>
<td>DCS 051</td>
<td>136</td>
<td>DCS 252</td>
<td>171</td>
<td>DCS 466</td>
<td>206</td>
</tr>
<tr>
<td>DCS 053</td>
<td>137</td>
<td>DCS 255</td>
<td>172</td>
<td>DCS 503</td>
<td>207</td>
</tr>
<tr>
<td>DCS 054</td>
<td>138</td>
<td>DCS 261</td>
<td>173</td>
<td>DCS 506</td>
<td>208</td>
</tr>
<tr>
<td>DCS 065</td>
<td>139</td>
<td>DCS 263</td>
<td>174</td>
<td>DCS 516</td>
<td>209</td>
</tr>
<tr>
<td>DCS 071</td>
<td>140</td>
<td>DCS 265</td>
<td>175</td>
<td>DCS 523</td>
<td>210</td>
</tr>
<tr>
<td>DCS 072</td>
<td>141</td>
<td>DCS 266</td>
<td>176</td>
<td>DCS 526</td>
<td>211</td>
</tr>
<tr>
<td>DCS 073</td>
<td>142</td>
<td>DCS 271</td>
<td>177</td>
<td>DCS 532</td>
<td>212</td>
</tr>
<tr>
<td>DCS 074</td>
<td>143</td>
<td>DCS 274</td>
<td>178</td>
<td>DCS 546</td>
<td>213</td>
</tr>
<tr>
<td>DCS 114</td>
<td>144</td>
<td>DCS 306</td>
<td>179</td>
<td>DCS 565</td>
<td>214</td>
</tr>
<tr>
<td>DCS 115</td>
<td>145</td>
<td>DCS 311</td>
<td>180</td>
<td>DCS 606</td>
<td>215</td>
</tr>
<tr>
<td>DCS 116</td>
<td>146</td>
<td>DCS 315</td>
<td>181</td>
<td>DCS 612</td>
<td>216</td>
</tr>
<tr>
<td>DCS 122</td>
<td>147</td>
<td>DCS 325</td>
<td>182</td>
<td>DCS 624</td>
<td>217</td>
</tr>
<tr>
<td>DCS 125</td>
<td>148</td>
<td>DCS 331</td>
<td>183</td>
<td>DCS 627</td>
<td>218</td>
</tr>
<tr>
<td>DCS 131</td>
<td>149</td>
<td>DCS 332</td>
<td>184</td>
<td>DCS 631</td>
<td>219</td>
</tr>
<tr>
<td>DCS 132</td>
<td>150</td>
<td>DCS 343</td>
<td>185</td>
<td>DCS 632</td>
<td>220</td>
</tr>
<tr>
<td>DCS 134</td>
<td>151</td>
<td>DCS 346</td>
<td>186</td>
<td>DCS 654</td>
<td>221</td>
</tr>
<tr>
<td>DCS 143</td>
<td>152</td>
<td>DCS 351</td>
<td>187</td>
<td>DCS 662</td>
<td>222</td>
</tr>
<tr>
<td>DCS 145</td>
<td>153</td>
<td>DCS 356</td>
<td>188</td>
<td>DCS 664</td>
<td>223</td>
</tr>
<tr>
<td>DCS 152</td>
<td>154</td>
<td>DCS 364</td>
<td>189</td>
<td>DCS 703</td>
<td>224</td>
</tr>
<tr>
<td>DCS 155</td>
<td>155</td>
<td>DCS 365</td>
<td>190</td>
<td>DCS 712</td>
<td>225</td>
</tr>
<tr>
<td>DCS 156</td>
<td>156</td>
<td>DCS 371</td>
<td>191</td>
<td>DCS 723</td>
<td>226</td>
</tr>
<tr>
<td>DCS 162</td>
<td>157</td>
<td>DCS 411</td>
<td>192</td>
<td>DCS 731</td>
<td>227</td>
</tr>
<tr>
<td>DCS 165</td>
<td>158</td>
<td>DCS 412</td>
<td>193</td>
<td>DCS 732</td>
<td>228</td>
</tr>
<tr>
<td>DCS 172</td>
<td>159</td>
<td>DCS 413</td>
<td>194</td>
<td>DCS 734</td>
<td>229</td>
</tr>
<tr>
<td>DCS 174</td>
<td>160</td>
<td>DCS 423</td>
<td>195</td>
<td>DCS 743</td>
<td>230</td>
</tr>
<tr>
<td>DCS 205</td>
<td>161</td>
<td>DCS 431</td>
<td>196</td>
<td>DCS 754</td>
<td>231</td>
</tr>
<tr>
<td>DCS 212</td>
<td>162</td>
<td>DCS 432</td>
<td>197</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>