

```

//
// Skanti command values
// Taken from Skanti CU8000 remote commands list by Dave, G0WBX/G8KBV
// Updates by Giuseppe, I1EPJ
//
RemoteEnable:  String = '#1#2;    // SOH STX
RemoteDisable: String = '#16;     // DLE
RTX_Reset:     String = '!';      // Reset
TX_Cmd:        String = '"';      // " Double quote mark (has 3 sec timeout)
RX_Cmd:        String = '#';      // #

TX_Prefix:     String = ';';      // ; + ASCII value + cr
RX_Prefix:     String = ':';      // : + ASCII value + cr
// NOTE! The value represents the frequency in multiples of 100Hz

Recall:        String = '<';      // + ASCII value + cr
Tune_Dn:       String = '=';      // TUNE down. See 'w'
Tune_Up:       String = '>';      // TUNE up. See 'w'
BFO_Tune_Dn:   String = '@';      // CW Beat tone Down 100Hz
BFO_Tune_Up:   String = 'A';      // CW Beat tone Up 100Hz
Filt_Wide:     String = 'B';      // Where enabled
Filt_Inter:    String = 'C';      // Where enabled
Filt_Narrow:   String = 'D';      // Where enabled
Filt_VNarrow:  String = 'E';      // Where enabled
Speaker_Toggle: String = 'F';      // Toggle On/Off
PreAmp_Toggle: String = 'G';      // Toggle On/Off
Atten_Toggle:  String = 'H';      // Toggle On/Off
Squelch_Toggle: String = 'I';     // Toggle On/Off
Agc_On:        String = 'J';
Agc_Fast:      String = 'K';
Agc_Slow:      String = 'L';
Agc_Off:       String = 'M';
Sensitivity_Dn: String = 'N';      // Increment RF Gain Down (AGC must be OFF)
Sensitivity_Up: String = 'O';      // Increment RF Gain Up (AGC must be OFF)
AF_GainDec:    String = 'P';      // 'P';      // Increment Volume DAC Down.
AF_GainInc:    String = 'Q';      // 'Q';      // Increment Volume DAC Up.
TX_Tune:       String = 'R';      // Invoke TX tuning.
TX_LowPwr:     String = 'S';
TX_MediumPwr:  String = 'U';
TX_HighPwr:    String = 'W';
Mode_USB:      String = 'X';
Mode_LSB:      String = 'Y';
Mode_AM:       String = 'Z';
Mode_Telex:    String = '[';
Mode_R3E:      String = '\\';
Mode_CW:       String = ']';
Mode_MCW:      String = '^';

Test_Alarm:    String = 'a';      // Has 7s timeout - repeat
// TEST ALARM command to override

Stop_Alarm:    String = 'b';
Send_Alarm:    String = 'c';      // Has 7s timeout - repeat
// SEND ALARM command to override

Store:         String = 'd';      // d + ASCII value + cr
Scan:         String = 'e';      // Has 7s timeout - repeat
// SCAN command to override

Set_Time:      String = 'f';      // 'f1234'#13 will set the time to 12:34
Duplex:        String = 'g';

Dimmer_Dn:     String = 'h';      // Display intensity down
Dimmer_Up:     String = 'i';      // Display intensity up
TX_OnOff:      String = 'j';      // Toggle TX Enable (On/Off)
Speaker_On:    String = 'k';      // Speaker enable
Speaker_Off:   String = 'l';      // lower case L

```

```

PreAmp_On:      String = 'm';      // RF Pre-Amp Enable
PreAmp_Off:     String = 'n';      // RF Pre-Amp Disable
Attenuator_On:  String = 'o';      // Antenna Attenuator Enable
Attenuator_Off: String = 'p';      // Antenna Attenuator Disable
Squelch_On:     String = 'q';      // Squelch enable
Squelch_Off:    String = 'r';      // Squelch disable
Duplex_On:      String = 's';      // Duplex enable
Duplex_Off:     String = 't';      // Duplex disable
TX_On:          String = 'u';      // Enable (turn on) Transmitter
TX_Off:         String = 'v';      // Disable (turn off) Transmitter

TuneStepProg:   string = 'w3'#13; // Programmable rate
TuneStep1k:     String = 'w2'#13; // RX TUNE Step 1kHz
TuneStep100:    String = 'w1'#13; // RX TUNE Step 100Hz
TuneStep10:     String = 'w0'#13; // RX TUNE Step 10Hz

Set_BFO:        string = 'x';      // Set BFO frequency (-30 ... +30, 100 Hz units)
AF_GainSet:     String = 'y';      // 'y..'#13
                                     // .. = 00 = maximum (!! LOUD !!)
                                     // .. = 99 = minimum

Dimmer_Set:     string = 'z';      // 'z.'#13
                                     // . = 0 = display off
                                     // . = 5 = display maximum

EQTXRX:         string = ';;'#13; // Copy RX frequency to TX

F500k:          string = '`';      // Go to 500 kHz
F2182k:         string = '_';      // Go to 2182 kHz
Get_Status:     string = '*';      // Read status (S-meter, etc.)
Read_Config:    string = '(';      // Read configuration string

Fill_Scan_Buf:  string = '$';      // + {<freq.rx><freq.tx>}<CR>
Adv_ScnBuf_Ptr: string = '%';      // + [RX display frequency]
RST_ScnBuf_Ptr: string = '%'#13;   // Reset scan buffer pointer

Set_Option_Reg: string = '{';      // + <value 0..255><ENTER>
Set_Preset_Reg: string = '|';      // + <value 0..255><ENTER>
Set_Guard_Reg:  string = '}';      // + <value 0..255><ENTER>

Read_CU_Status: string = ')';      // firmware V92 only

Set_Wakeup_Time: string = 'f:';    // + time (HHMM)+CR
Read_Wakeup_Time: string = 'f<';  // read wakeup time, 7s timeout
Start_Dorm_State: string = 'f'#13; // Start dormant state

// Second functions commands (2XX)
Exec_AST:       string = '200'#13; // Automatically stepped self test
Exec_MST:       string = '201'#13; // Manually stepped self test
Exec_AST_Num:   string = '202'#13; // + <test#><CR> Auto starting at test#
Exec_MST_Num:   string = '203'#13; // + <test#><CR> Manual starting at test#

Read_ON_Time:   string = '241'#13; // Read accumulated on-time
                                     // 7s timeout, repeat command to override,
                                     // value read is shown only in the CU
                                     // RX display
Read_Set_Step:  string = '242'#13; // Read or program receiver tune step
                                     // + <value 1...999><ENTER> (100 Hz units)
                                     // Has 7s timeout, value read is shown
                                     // only in the CU RX display

Read_BFO_Freq:  string = '244'#13; // Read BFO frequency
                                     // <+><frequency in 100Hz units>
Store_BFO_Freq: string = '244'#13'd'#13; // Store default BFO frequency

```

```
Read_CU_Vers:  string = '246'#13;  // + <CR>
Read_TU_Vers:  string = '247'#13;  // + <CR>
Set_Beeper_Lev: string = '248'#13;  // + <CR> (does not work from remote)
Switch_Ant_Off: string = '249'#13;  // + <CR>
Read_Option_Reg:string = '279'#13;  // + <CR>
```

```
// Control characters as strings
```

```
stSOH:        string = #$01;
stSTX:        string = #$02;
stETX:        string = #$03;
stEOT:        string = #$04;
stACK:        string = #$06;
stBEL:        string = #$07;
stCR:         string = #$0D;
stLF:         string = #$0A;
stDLE:        string = #$10;
stNAK:        string = #$15;
stCAN:        string = #$18;
```

```
// Valid range of meter reading
```

```
MetersRange = [' '..'t'];
```

```
// Valid range of status messages
```

```
StatusRange = ['u'..'z'];
```