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(everything you ever wanted to know about Baofeng radios)


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Welcome to: Miklor Information Site

Software, Drivers and Guides

Select your radio below for information specific to your particular model.

Miklor is not a dealer or manufacturer

 Baofeng <u>UV-5R</u>	 Baofeng <u>UV-82</u> VHF/UHF <u>UV82X</u> VHF/220	 Baofeng <u>UV-B5</u>	 Wouxun <u>UVD1P</u> VHF plus UHF, 220 or 6M
 Baofeng <u>UV-8</u>	 Baofeng <u>BF-888S</u>	 Baofeng <u>UV-3R(+)</u>	Baofeng Wouxun Yaesu Kenwood

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Electronics

UV-5R **UV-B5**
UV-82
UV-82X (220)
BF-F8+ **UV-3R+**

WOUXUN

Mobile Radios

C:\Ham Radio\Ch... Baofeng UV-5R, U... Windows Task M... programming chi...

<http://www.miklor.com/uv5r/>
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- Please Read this First

UV-5R

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http://www.miklor.com/uv5r/pdf/uv-5r_v1.0-annotated_by_KC9HI.pdf
(reachable from Miklor site – Users Manual)

Baofeng UV-5R

**The (Chinese) Radio
Documentation Project**

<http://radiodoc.github.com/>

Lennart Lidberg
anotated by Jim Unroe
revised 23-Nov-2013

<http://kc9hi.dyndns.org/uv5r/programming/UV-5R%20Menus.pdf>
 (reachable from Miklor site – explains each menu setting)

Reference for UV-5R Menus by Jim Unroe - KC9HI 27-August-2013 <small>(send comments, suggestions or corrections to UV-5R@KC9HI.net)</small>							
Menu Number / Short Name	Long Name / Description / Settings / Notes	Global	MR/ Channel Mode	VFO/ Frequency Mode	Separate VFO A & B Settings	Stored on a Per Channel Basis	
0 SQL	Carrier Squelch	✓					
	Mutes the speaker of the transceiver in the absence of a strong signal. VHF squelch is either OFF or ON. UHF squelch is either OFF or one of 9 levels. The higher the level, the stronger the signal must be to un-mute the speaker.						
	Settings: 0 - 9						Default: 5
	VHF: 0 = Open 1 - 9 ≈ 0.10μV (firmware bug)						
	UHF: 0 = Open 1 ≈ 0.10μV 2 ≈ 0.12μV 3 ≈ 0.13μV 4 ≈ 0.15μV 5 ≈ 0.18μV 6 ≈ 0.20μV 7 ≈ 0.23μV 8 ≈ 0.26μV 9 ≈ 0.30μV						
	Measurements were performed by Steve WB8GRS						
	Note: The CALL button (FM or ALARM) is not functional when menu 0 = 0						
1 STEP	Frequency Step (KHz)			✓	✓		
	Selects the amount of frequency change in VFO/Frequency mode when scanning or pressing the [▲] or [▼] keys.						
	Settings: (<= BFB290) 2.5K[0] 5.0K[1] 6.25K[2] 10.0K[3] 12.5K[4] 25.0K[5]						Default: 2.5K
	Settings: (>= BFB291) 2.5K[0] 5.0K[1] 6.25K[2] 10.0K[3] 12.5K[4] 25.0K[5] 50.0K[6] 100.0K[7]	Default: 2.5K					

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UV-5R

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A special thanks to all contributors to this site.
Jim KC9HI John KK4ITX Buddy KB5ELV
Ray VA6RS Les VA6LM Steve WB8GRS

John K3NXU

Hopefully, the Miklor site was able to assist you.
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Nils Anderson, Gardner, MA
Jack Christensen, Sebastopol, CA

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Commonly Used Menu Items

0	SQL	RF Squelch
2	TXP	Transmit power*
11	R-CTCS	Receive CTCSS (PL)
13	T-CTCS	Transmit CTCSS (PL)
25	SFT-D	Repeater Shift
26	OFFSET	Repeater Offset (MHz)
27	MEM-CH	Save to memory channel ...
28	DEL-CH	Delete memory channel ...

* Tap # key to temporarily change power

- Tap SCAN key to monitor the input
- Menu Item 5 (WN) – Wideband/Narrowband – leave on WIDE for amateur use

WTF Menu Items (1 of 2)

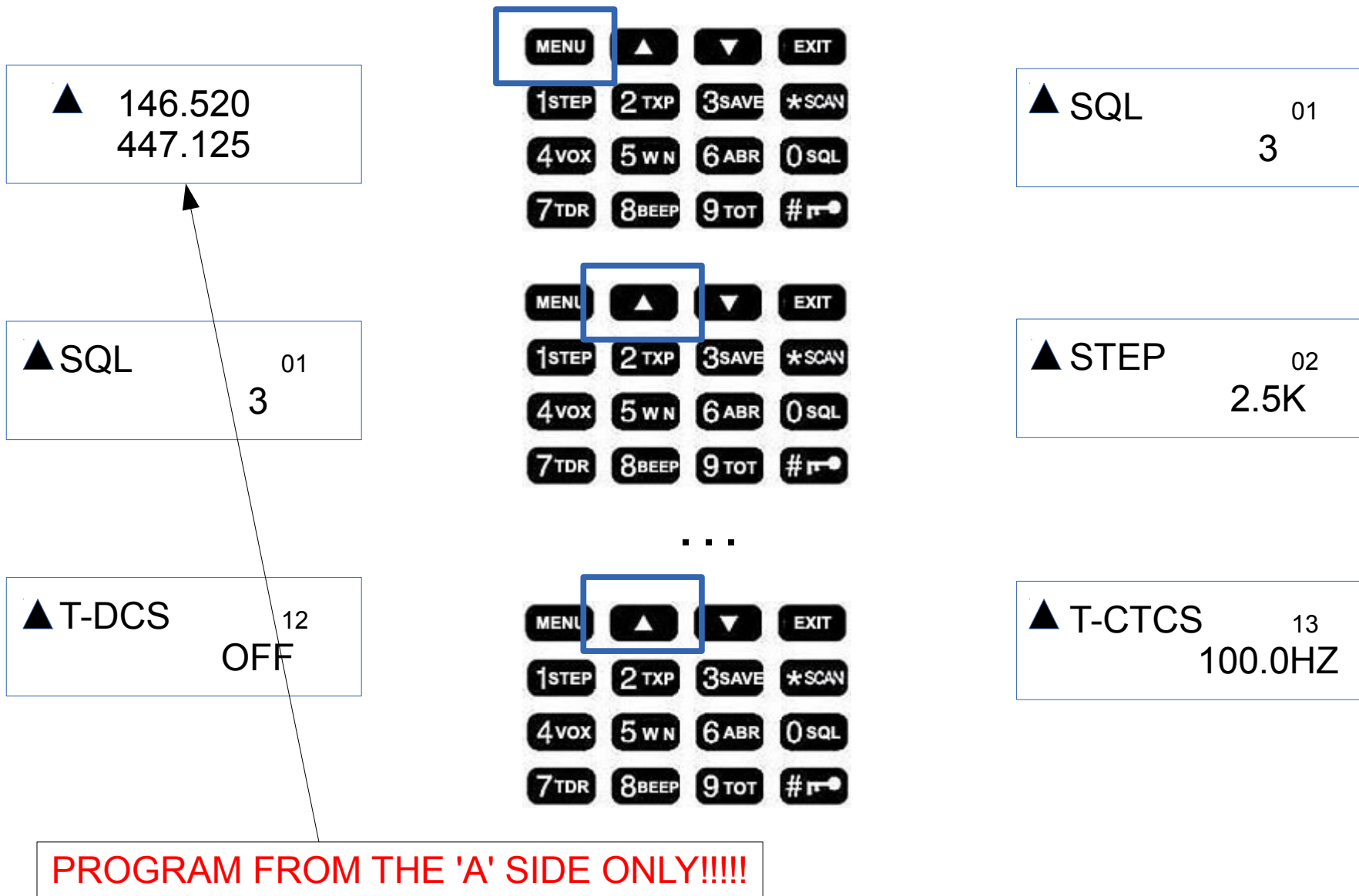
7	TDR	Dual watch (monitor A and B at same time). May change the transmit side – be careful with TDR-AB setting*
34	TDR-AB	Side for transmit after receiving a signal when TDR is on
9	TOT	Limit transmission time to xx seconds
14	VOICE	Voice confirmation of keypresses/menu selections. Choice of English, Chinese, or OFF
15	ANI-ID	A coded signal that is sent when an “alarm” is activated. Just leave it as is
17	S-CODE	Sends a DTMF code on transmit/end of transmit
19	PTT-ID	Activates the DTMF code on transmit/end of transmit. Set to OFF
20	PTT-LT	Delay before sending PTT-ID. Just leave it as is
23	BCL	Busy channel lockout – prevents transmitting when a channel is busy. Set to OFF
32	AL-MOD	Alarm mode. Set it to SITE

* Wouxon does not change the transmit side on dual watch

WTF Menu Items (2 of 2)

32	AL-MOD	Alarm mode. Set it to SITE
35	STE	Squelch Tail Elimination – squelches tail noise in simplex. Set to OFF
36	RP-STE	Squelch Tail Elimination Repeater – squelches tail noise from a repeater (i.e., the courtesy tone)
37	RPT-RL	Squelch Tail Delay. Set to OFF
39	ROGER	Sends an end-of-transmission tone after PTT release. Set to OFF
40	RESET	Resets all settings and erases memories

Basic Manual Programming Flow (1 of 2)



Basic Manual Programming Flow (2 of 2)

▲ T-CTCS 13
100.0HZ



▼ T-CTCS 13
100.0HZ



▼ T-CTCS 13
103.5HZ



▲ T-CTCS 13
103.5HZ



▲ T-CTCS 13
103.5HZ




▼ T-CTCS 13
100.0HZ

▼ T-CTCS 13
103.5HZ

▲ T-CTCS 13
103.5HZ

▲ 146.520
447.125

CHIRP is a free, open-source tool for programming your amateur radio. It supports a large number of manufacturers and models, as well as provides a way to interface with multiple data sources and formats.

get it!   

To get started:

1. Download CHIRP for your platform
2. Check out the documentation
3. Join the mailing list!
4. Be sure to review the FAQ

yes

Supported Radio Models

AnyTone	Kenwood
<ul style="list-style-type: none">• AT-5888UV <i>(in daily builds)</i>	<ul style="list-style-type: none">• TH-D7A/G• TH-D72• TH-F6A• TH-F7E• TH-G71A <i>(in daily builds)</i>• TH-K2• TK-7102/8102/7108/8108 <i>(in daily builds)</i>• TM-271A/281A• TM-D700• TM-D710• TM-G707• TM-V7A• TM-V71A
Alinco <ul style="list-style-type: none">• DR-03T• DR-06T• DR135T• DR235T• DR435T• DJ596T• DJ175T	
Baofeng <ul style="list-style-type: none">• F-11 <i>(in daily builds)</i>• GT-3• UV-3R• UV-5R	Puxing <ul style="list-style-type: none">• PX-2R (UHF)• PX-777

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NO!!!

Version: Latest
OS: Win XP / Vista / 7
Language: English
Cost: Free
Rating: ★★★★★

Available to download on our website.

History

Loc	Frequency	Name	Tone Mode	Tone	ToneSel	DTCS Code	DTCS Pol	Duplex	Off
1	145.110000	W7ERH	Tone	100.0	88.5	023	NN	-	0.00
2	145.110000	K8YPM	Tone	100.0	88.5	023	NN	-	0.00
3	145.110000	W7DCH	Tone	100.0	88.5	023	NN	-	0.00
4	145.110000	K8TLAR	Tone	162.2	88.5	023	NN	-	0.00
5	145.130000	K7TVL	Tone	100.0	88.5	023	NN	-	0.00
6	145.130000	W7NVM	Tone	100.0	88.5	023	NN	-	0.00
7	145.150000	W4TNCB	Tone	84.8	88.5	023	NN	-	0.00
8	145.150000	W7NVM	Tone	110.0	88.5	023	NN	-	0.00
9	145.150000	W4TYD	Tone	162.2	88.5	023	NN	-	0.00
10	145.150000	N7EZY	Tone	162.2	88.5	023	NN	-	0.00
11	145.170000	W7NVM	Tone	110.0	88.5	023	NN	-	0.00
12	145.170000	W7DCH	Tone	100.0	88.5	023	NN	-	0.00
13	145.180000	W4TNCB	Tone	100.0	88.5	023	NN	-	0.00
14	145.190000	K8QCE	Tone	162.2	88.5	023	NN	-	0.00
15	145.190000	W7DCH	Tone	146.2	88.5	023	NN	-	0.00
16	145.190000	W7DCH	DTCS	88.5	88.5	023	NN	-	0.00
17	145.210000	W4TNCB	Tone	136.5	88.5	023	NN	-	0.00
18	145.210000	N7NVM	Tone	110.0	110.0	023	NN	-	0.00
19	145.210000	W4TNCB	DTCS	88.5	88.5	023	NN	-	0.00

CHIRP Download Page

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Overview Download Activity Roadmap Issues News Wiki Repository

Development of CHIRP is an all-volunteer effort and is offered as open-source software, free of charge. If you like CHIRP, please consider contributing a small donation to help support the costs of development and hardware:

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Stable Version
 Development builds
 Live CD
 CHIRP Downloads

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 Index by date

Stable Version

Version 0.3.1 was released on 7-April-2013. Click [here](#) for the release test report, which shows what was tested for each model (and thus what is expected to work). The feature matrix for each supported model (as generated from the code) is available [here](#).

Development builds

Daily builds are generated automatically as changes are put into the source code repository. Although they should be handled with care and not considered stable, they do contain the latest fixes, features, and model support.

The daily build repository contains builds for Windows and MacOS, as well as source snapshots for use on Linux. Click [here](#) to find the latest version.

Live CD

A Linux-based LiveCD is available with CHIRP pre-installed. It will not modify your system and provide a highly-compatible CHIRP environment without the need for fussing with a driver. It will not modify your system.

- [CHIRP Linux-based LiveCD](#)

CHIRP Downloads

	Stable Release 0.3.1 released on 7-April-2013	Daily Development Builds
Windows installer	chirp-0.3.1-installer.exe ^{1 2} (Recommended)	latest daily builds
Windows standalone	chirp-0.3.1-win32.zip ^{1 2}	
Mac OS X	chirp-0.3.1.app.zip ^{3 4}	
Linux source	chirp-0.3.1.tar.gz ⁵	
Fedora	d-rats-repo.rpm	
Ubuntu	<pre>sudo apt-get install chirp</pre>	<pre>sudo apt-add-repository ppa:dansmith/chirp-snapshots sudo apt-get update sudo apt-get install chirp-daily</pre>
Live CD	CHIRP Linux-based LiveCD	
Test report	0.3.1 Test Report	Development Test Report
Supported Models	0.3.1 Feature Matrix	Development Feature Matrix

¹ CHIRP is supported on Windows 2000/XP/Vista/7/8.

² Windows XP users may need to follow the instructions [here](#) if you have trouble starting CHIRP.

³ MacOS users must install the [KK7DS Python runtime](#) before the application will execute. This only needs to be installed once.

⁴ OS X support is limited to Intel architecture. PowerPC is not supported.

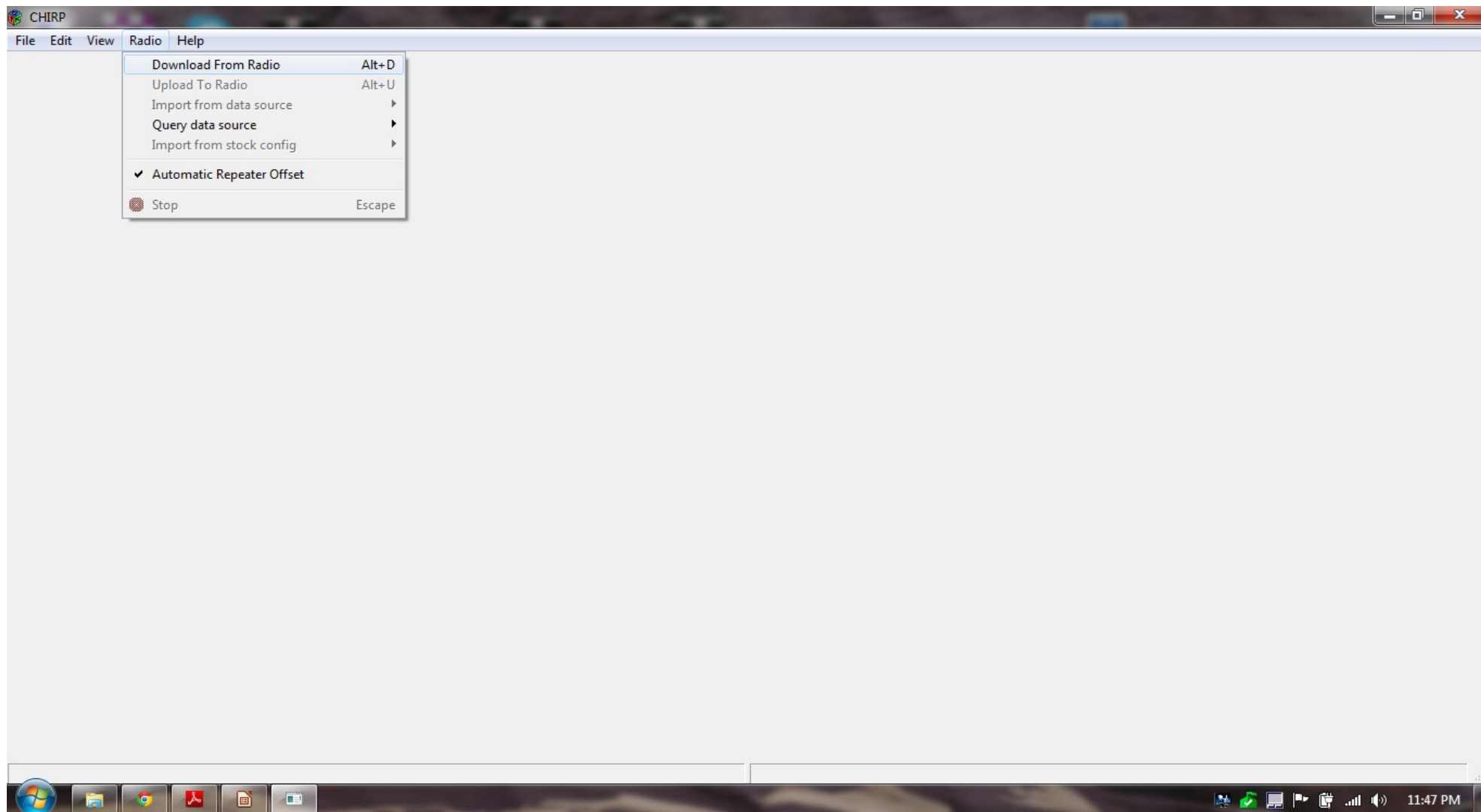
yes

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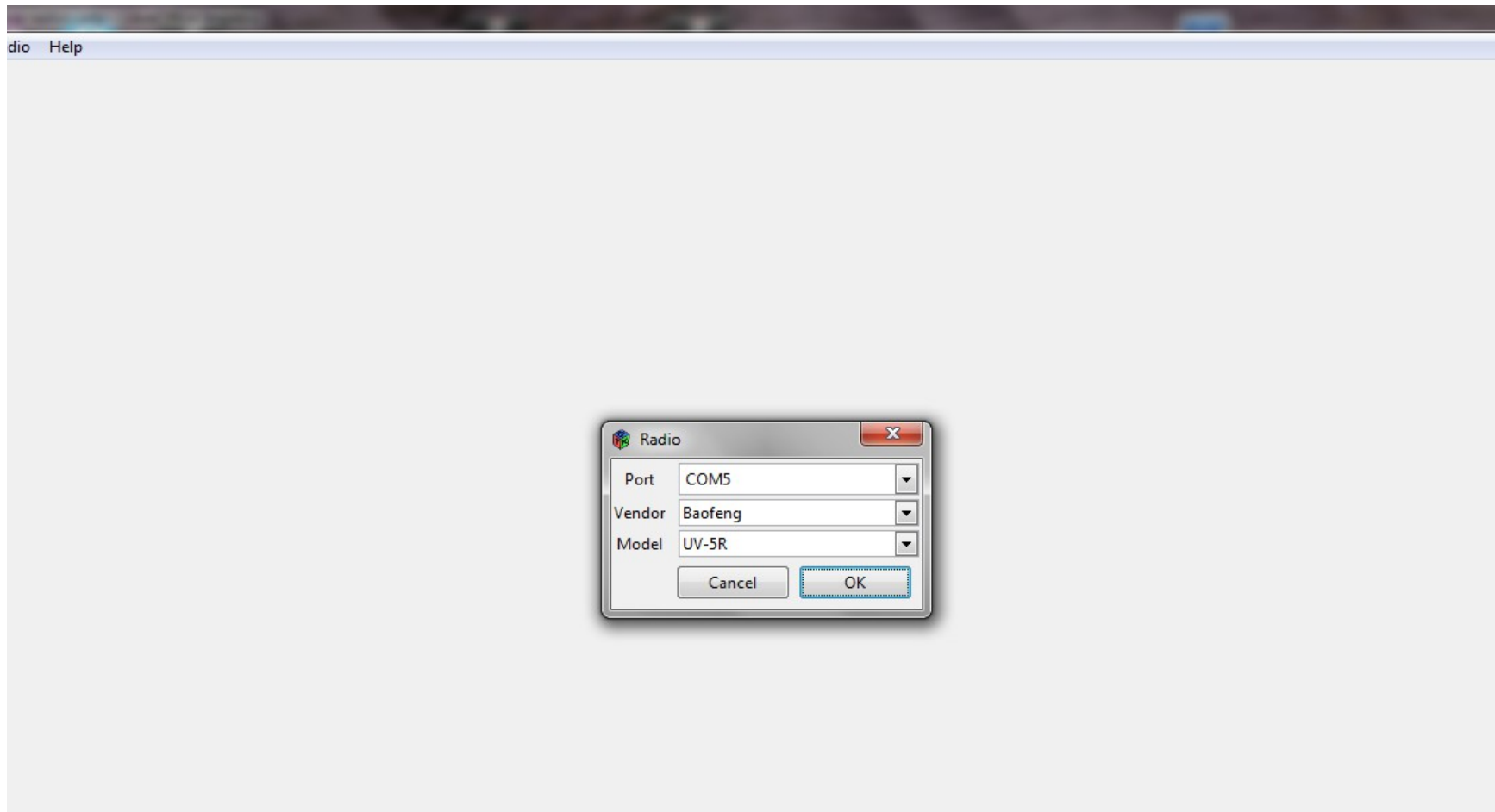
CHIRP

First download from the radio



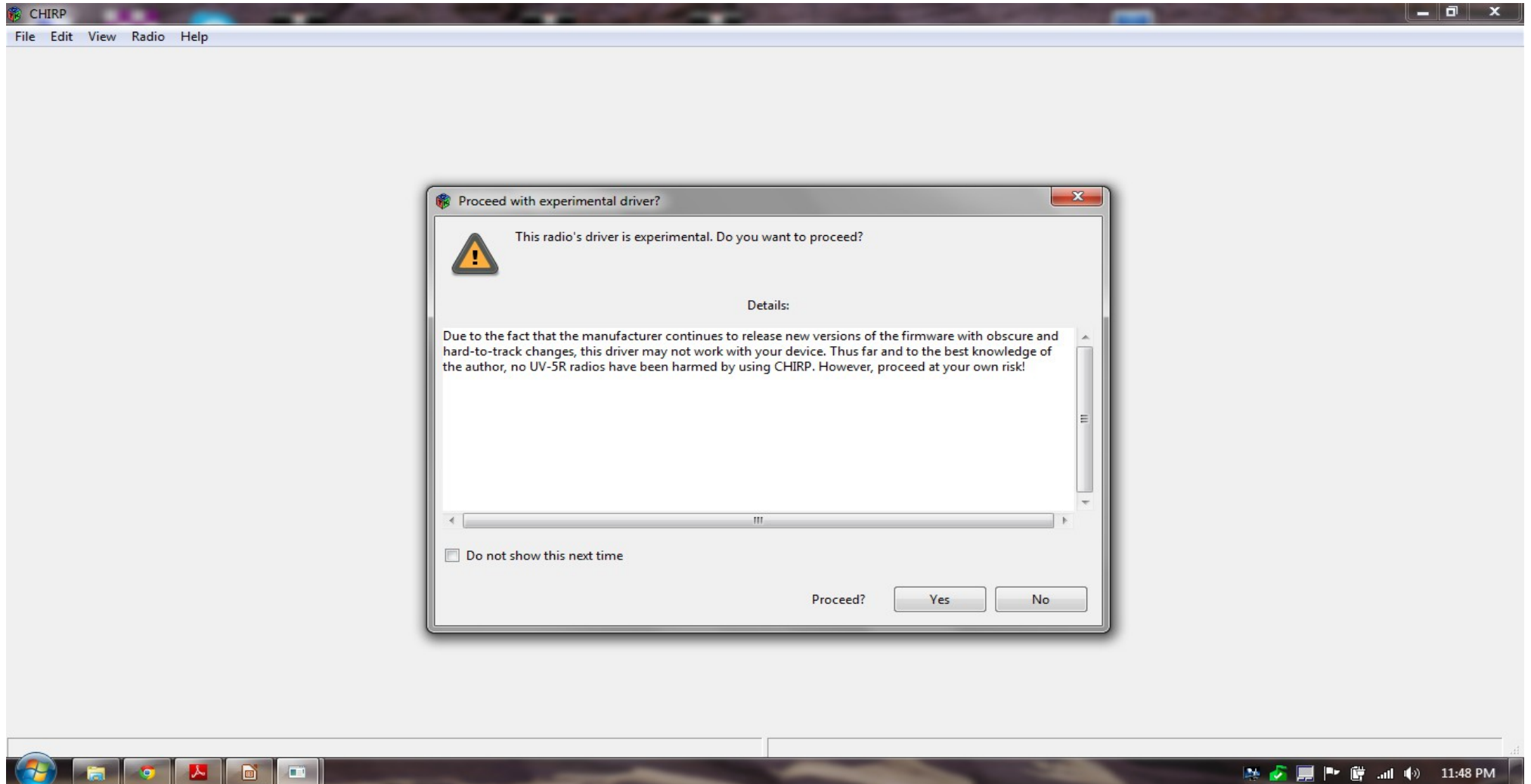
CHIRP

Specify your radio type



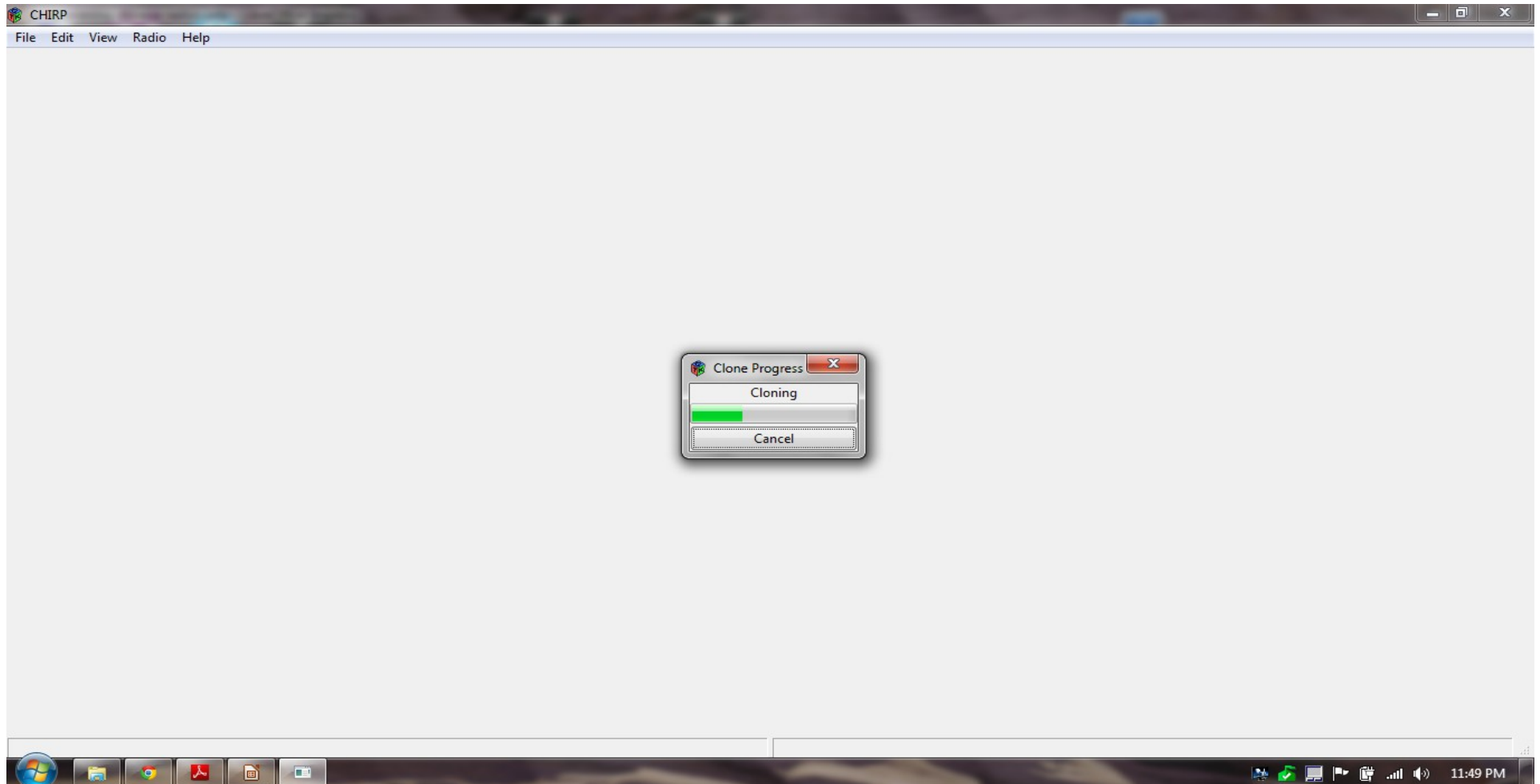
CHIRP

Standard warning



CHIRP

Radio is downloading to the computer



CHIRP

Radio has downloaded – showing the Memories

The screenshot shows the CHIRP software interface with a list of radio memories. A blue box highlights the 'Name' and 'Tone Mode' columns for memory 79. The interface includes a menu bar (File, Edit, View, Radio, Help), a title bar (Baofeng UV-5R: Baofeng UV-5R Tina.img X), and a toolbar with 'Memory range: 0 - 127' and 'Go' buttons. Checkboxes for 'Special Channels' and 'Show Empty' are also visible.

Settings	Loc	Frequency	Name	Tone Mode	Tone	ToneSql	DTCS Code	DTCS Rx Code	DTCS Pol	Cross Mode	Duplex	Offset	Mode	Power	Skip
	79	0.000000	(None)	(None)							(None)		FM		
	80	146.655000	STM2	Tone	100.0						-	0.600000	FM	High	
	81	447.125000	STM7	Tone	114.8						-	5.000000	FM	High	
	82	146.775000	NCN2	Tone	100.0						-	0.600000	FM	High	
	83	447.275000	NCN7	Tone	123.0						-	5.000000	FM	High	
	84	146.475000	NWLK2	Tone	100.0						+	1.000000	FM	High	
	85	448.075000	NWLK7	Tone	114.8						-	5.000000	FM	High	
	86	146.445000	BPT2	Tone	77.0						+	1.000000	FM	High	
	87	146.895000	BPT895	Tone	77.0						-	0.600000	FM	High	
	88	441.700000	BPT7	Tone	77.0						+	5.000000	FM	High	
	89	147.060000	WECA2	Tone	114.8						+	0.600000	FM	High	
	90	447.475000	WECA7	Tone	114.8						-	5.000000	FM	High	
	91	146.850000	LIM2	Tone	136.5						-	0.600000	FM	High	
	92	449.125000	LIM7	Tone	136.5						-	5.000000	FM	High	
	93	145.130000	CARML2	Tone	136.5						-	0.600000	FM	High	
	94	449.950000	CARML7	Tone	136.5						-	5.000000	FM	High	
	95	147.300000	DNBRY2	Tone	100.0						+	0.600000	FM	High	
	96	447.775000	DNBRY7	Tone	100.0						-	5.000000	FM	High	
	97	146.625000	FFLD2	TSQL		100.0					-	0.600000	FM	High	
	98	147.030000	BETHL2	Tone	100.0						+	0.600000	FM	High	
	99	145.470000	RDGFD2	Tone	100.0						-	0.600000	FM	High	
	100	145.490000	MERDN2	Tone	77.0						-	0.600000	FM	High	
	101	442.450000	MERDN7	Tone	100.0						+	5.000000	FM	High	
	102	448.000000	MRDN00	Tone	192.8						-	5.000000	FM	High	
	103	146.610000	WHN610	(None)							-	0.600000	FM	High	
	104	147.255000	WHN255	Tone	110.9						+	0.600000	FM	High	
	105	147.505000	WHN505	(None)							-	1.000000	FM	High	
	106	449.325000	WHVN7	Tone	103.5						-	5.000000	FM	High	
	107	0.000000	(None)	(None)							(None)		FM		

CHIRP

Using someone else's memory file – 1 of 4

- Do NOT simply upload someone else's file
 - The settings in someone else's file may mess up your radio – even if the other file is for the same make/model of radio
 - Even worse if it's from a different radio.
- Instead
 - Export the other person's memory values as a CSV file
 - Download from your radio
 - Import the CSV file
 - Copy/paste into the memory settings you downloaded from your radio
 - Upload your file (with the new memory settings) back into your radio

CHIRP lets you treat the memory settings like an Excel spreadsheet. You can copy/paste row, insert rows, delete rows, sort, etc.

CHIRP

Using someone else's memory file – 2 of 4

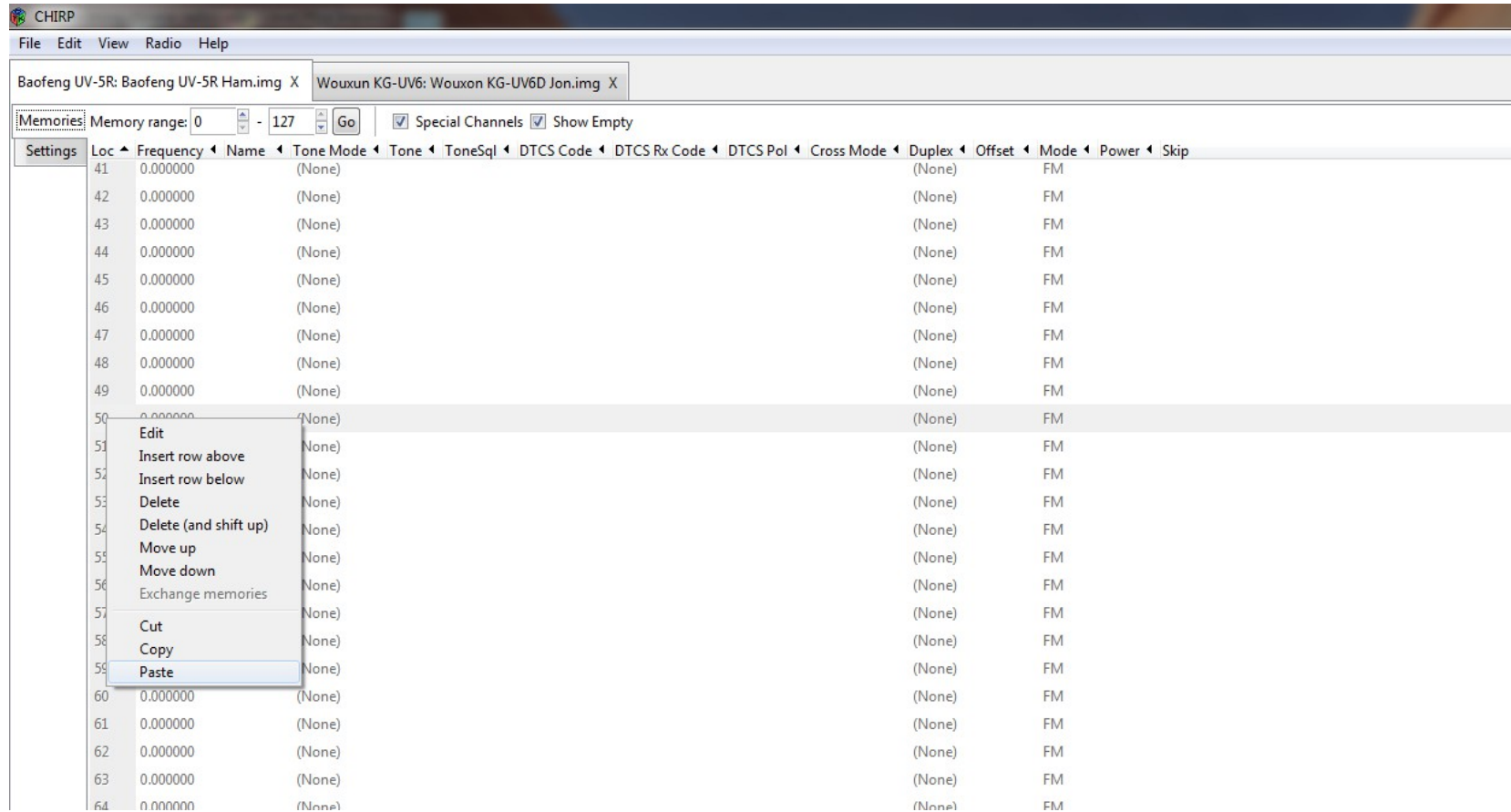
The screenshot shows the CHIRP software interface with two tabs open: 'Baofeng UV-5R: Baofeng UV-5R Ham.img X' and 'Wouxun KG-UV6: Wouxun KG-UV6D Jon.img X'. The 'Memories' list is displayed with columns for Loc, Frequency, Name, Tone Mode, Tone, ToneSql, DTCS Code, DTCS Rx Code, DTCS Pol, Cross Mode, Duplex, Offset, Mode, Power, and Skip. A context menu is open over rows 110-121, which are highlighted in blue. The menu options include Edit, Insert row above, Insert row below, Delete all, Delete (and shift up), Move up, Move down, Exchange memories, Cut, Copy, and Paste. The 'Copy' option is highlighted. A callout box points to the 'Copy' option with the text 'Tab containing my Wouxun KG-UV6D data'. Another callout box points to the highlighted rows with the text 'Tab containing my Baofeng UV-5R data'.

Loc	Frequency	Name	Tone Mode	Tone	ToneSql	DTCS Code	DTCS Rx Code	DTCS Pol	Cross Mode	Duplex	Offset	Mode	Power	Skip
108	0.000000		(None)							(None)		FM		
109	0.000000		(None)							(None)		FM		
110	146.565000	M23P	(None)							(None)		FM	High	
111	147.060000	M23S	(None)							(None)		FM	High	
112	440.600000	LOGN1	Tone	141.3					+	5.000000		FM	High	
113	449.325000	LOGN2	Tone	136.5					-	5.000000		FM	High	
114	449.800000	MED1	Tone	114.8					-	5.000000		FM	High	
115	449.325000	MED2	Tone	136.5					-	5.000000		FM	High	
116	449.025000	DROPOU	Tone	123.0					-	5.000000		FM	High	
117	441.100000	LOGS1	Tone	136.5					+	5.000000		FM	High	
118	446.675000	LOGS2	Tone	114.8					-	5.000000		FM	High	
119	146.390000	M24S1	Tone	110.9						(None)		FM	High	
120	147.570000	M24S2	Tone	110.9						(None)		FM	High	
121	145.560000	M24S3	Tone	110.9						(None)		FM	High	
122	0.000000		(None)							(None)		FM		
123	0.000000		(None)							(None)		FM		
124	0.000000		(None)							(None)		FM		
125	0.000000		(None)							(None)		FM		
126	0.000000		(None)							(None)		FM		
127	0.000000		(None)							(None)		FM		
128	0.000000		(None)							(None)		FM		
129	0.000000		(None)							(None)		FM		
130	0.000000		(None)							(None)		FM		
131	0.000000		(None)							(None)		FM		

Rows from the Wouxun KG-UV6D data have been highlighted for copy/paste

CHIRP

Using someone else's memory file – 3 of 4



Getting ready to paste the data starting at row 50 of my Baofeng UV-5R data

CHIRP

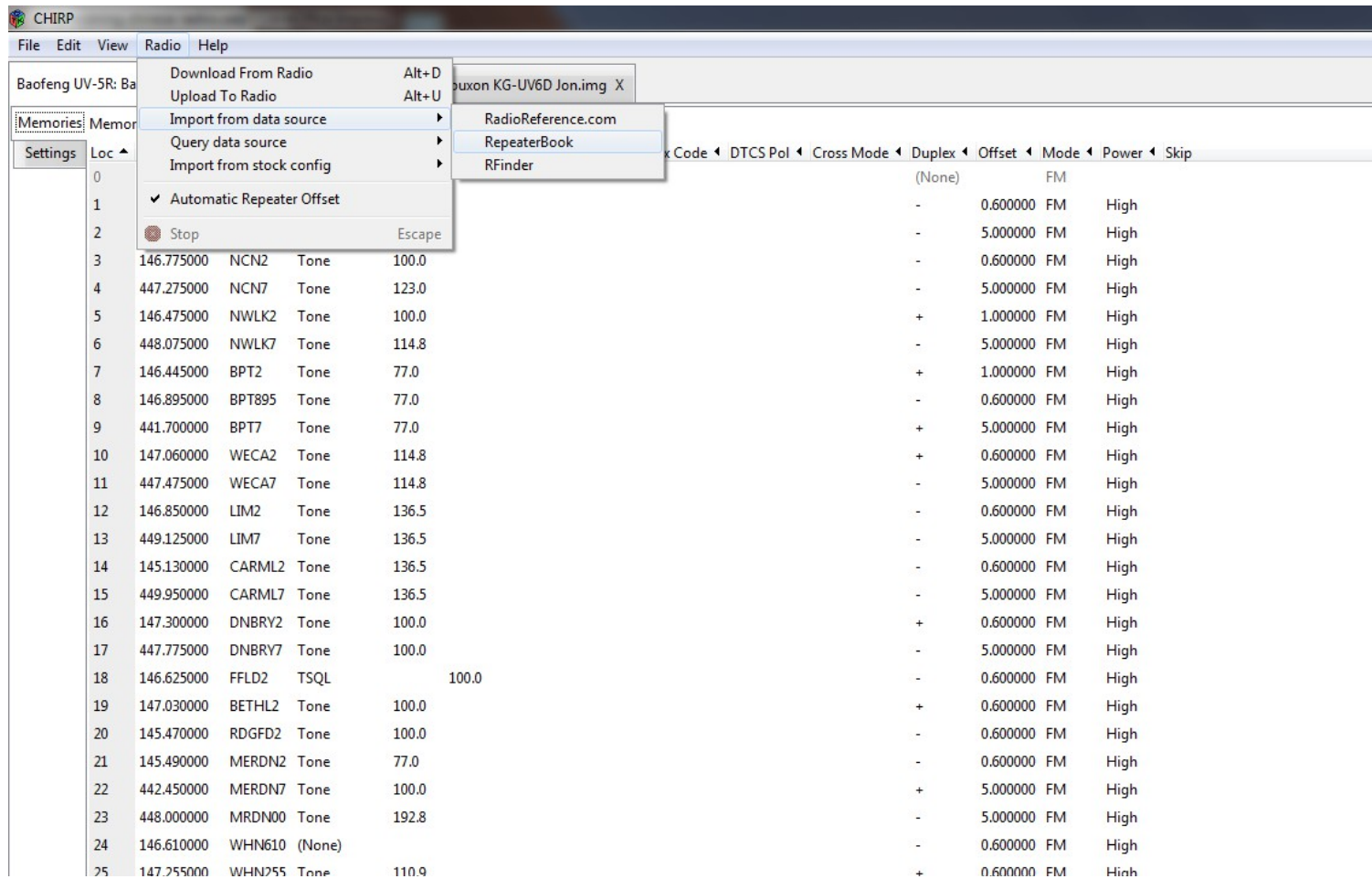
Using someone else's memory file – 4 of 4

Settings	Loc	Frequency	Name	Tone Mode	Tone	ToneSql	DTCS Code	DTCS Rx Code	DTCS Pol	Cross Mode	Duplex	Offset	Mode	Power	Skip
	45	0.000000		(None)							(None)		FM		
	46	0.000000		(None)							(None)		FM		
	47	0.000000		(None)							(None)		FM		
	48	0.000000		(None)							(None)		FM		
	49	0.000000		(None)							(None)		FM		
	50	146.565000	M23P	(None)							(None)		FM	High	
	51	147.060000	M23S	(None)							(None)		FM	High	
	52	440.600000	LOGN1	Tone	141.3						+	5.000000	FM	High	
	53	449.325000	LOGN2	Tone	136.5						-	5.000000	FM	High	
	54	449.800000	MED1	Tone	114.8						-	5.000000	FM	High	
	55	449.325000	MED2	Tone	136.5						-	5.000000	FM	High	
	56	449.025000	DROPOU	Tone	123.0						-	5.000000	FM	High	
	57	441.100000	LOGS1	Tone	136.5						+	5.000000	FM	High	
	58	446.675000	LOGS2	Tone	114.8						-	5.000000	FM	High	
	59	146.390000	M24S1	Tone	110.9						(None)		FM	High	
	60	147.570000	M24S2	Tone	110.9						(None)		FM	High	
	61	145.560000	M24S3	Tone	110.9						(None)		FM	High	
	62	0.000000		(None)							(None)		FM		
	63	0.000000		(None)							(None)		FM		
	64	0.000000		(None)							(None)		FM		
	65	0.000000		(None)							(None)		FM		
	66	0.000000		(None)							(None)		FM		

Data has been pasted from the Wouxon file to row 50 of my Baofeng UV-5R data

CHIRP

Import from RepeaterBook – 1 of 2



Select Data Source (RepeaterBook)

CHIRP

Import from RepeaterBook – 2 of 2

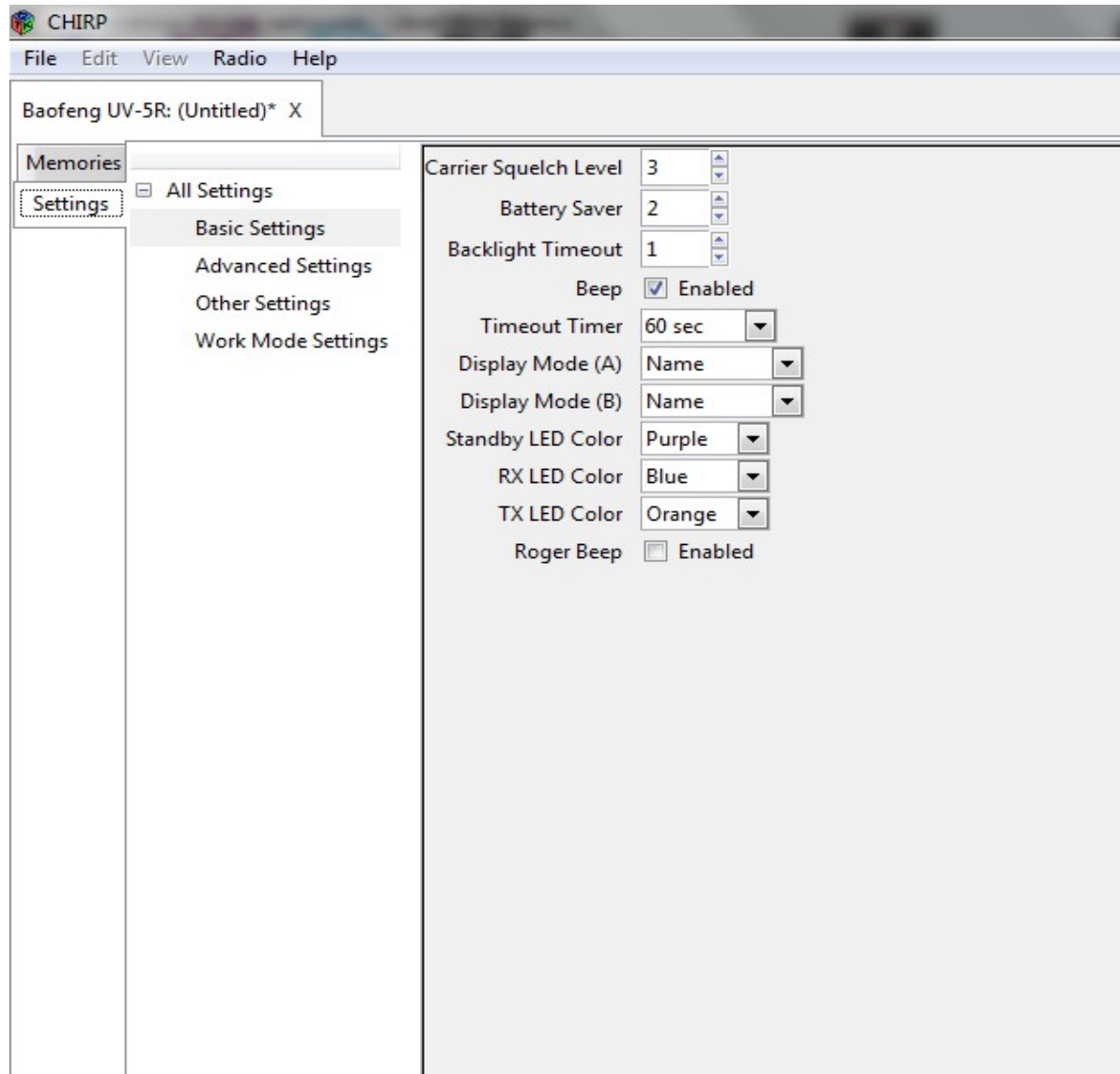
The screenshot shows the CHIRP software interface. The main window displays a list of repeaters with columns for Loc, Frequency, Name, Tone, Mode, Duplex, Offset, and Power. A 'RepeaterBook Query' dialog box is open, showing search criteria: State: Connecticut, County: --All--, and Band: 2 meters (144MHz).

Loc	Frequency	Name	Tone	Mode	Duplex	Offset	Power
0	0.000000	(None)			(None)	FM	
1	146.655000	STM2	Tone 100.0		-	0.600000 FM	High
2	447.125000	STM7	Tone 114.8		-	5.000000 FM	High
3	146.775000	NCN2	Tone 100.0		-	0.600000 FM	High
4	447.275000	NCN7	Tone 123.0		-	5.000000 FM	High
5	146.475000	NWLK2	Tone 100.0		+	1.000000 FM	High
6	448.075000	NWLK7	Tone 114.8		-	5.000000 FM	High
7	146.445000	BPT2	Tone 77.0		+	1.000000 FM	High
8	146.895000	BPT895	Tone 77.0		-	0.600000 FM	High
9	441.700000	BPT7	Tone 77.0		+	5.000000 FM	High
10	147.060000	WECA2	Tone 114.8		+	0.600000 FM	High
11	447.475000	WECA7	Tone 114.8				
12	146.850000	LIM2	Tone 136.5				
13	449.125000	LIM7	Tone 136.5				
14	145.130000	CARML2	Tone 136.5				
15	449.950000	CARML7	Tone 136.5				
16	147.300000	DNBRY2	Tone 100.0				
17	447.775000	DNBRY7	Tone 100.0				
18	146.625000	FFLD2	TSQL 100.0		-	0.600000 FM	High
19	147.030000	BETHL2	Tone 100.0		+	0.600000 FM	High
20	145.470000	RDGFD2	Tone 100.0		-	0.600000 FM	High
21	145.490000	MERDN2	Tone 77.0		-	0.600000 FM	High
22	442.450000	MERDN7	Tone 100.0		+	5.000000 FM	High
23	448.000000	MRDN00	Tone 192.8		-	5.000000 FM	High

Requesting all 2 meter repeaters in Connecticut

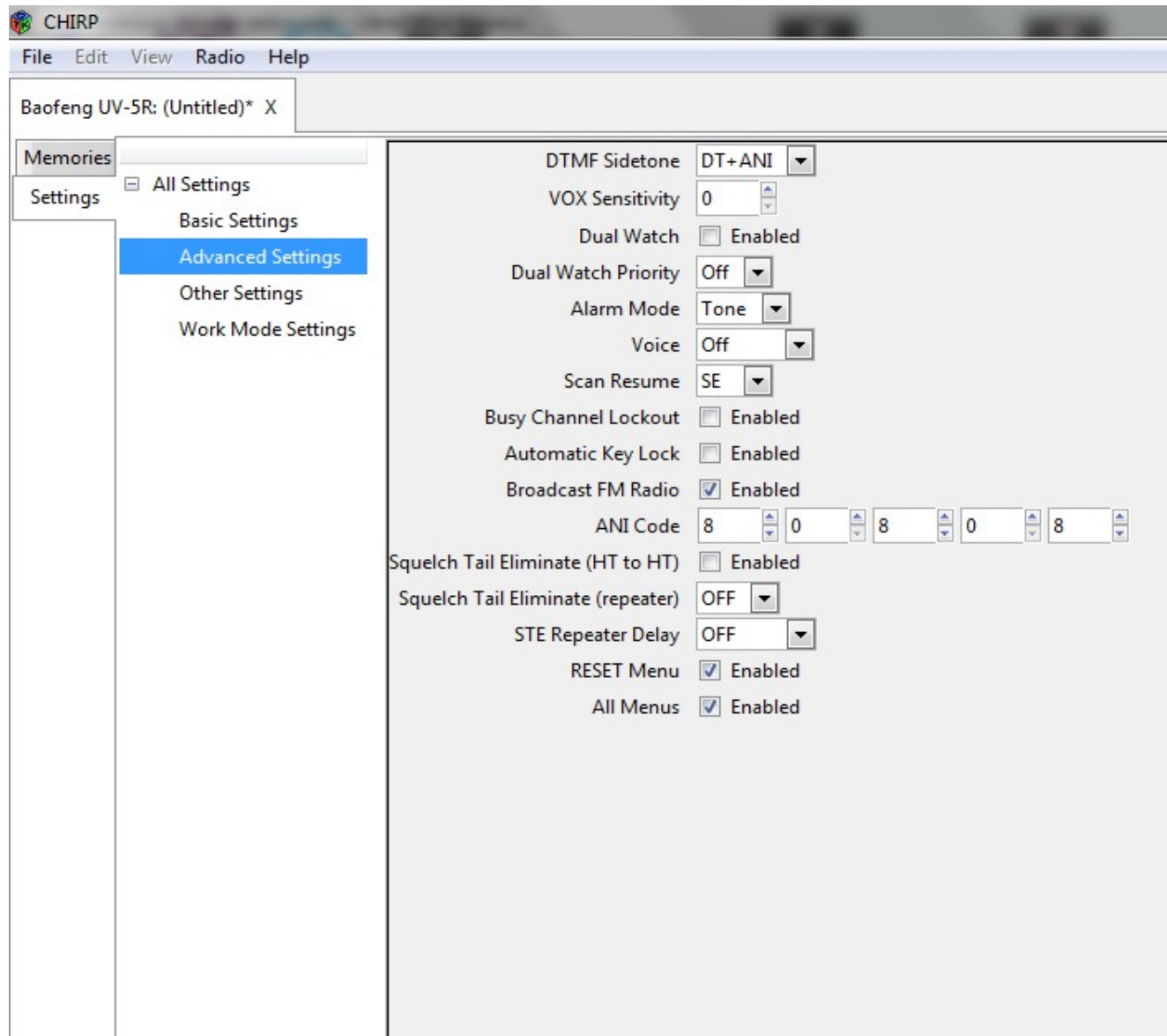
CHIRP

Settings (1 of 4)

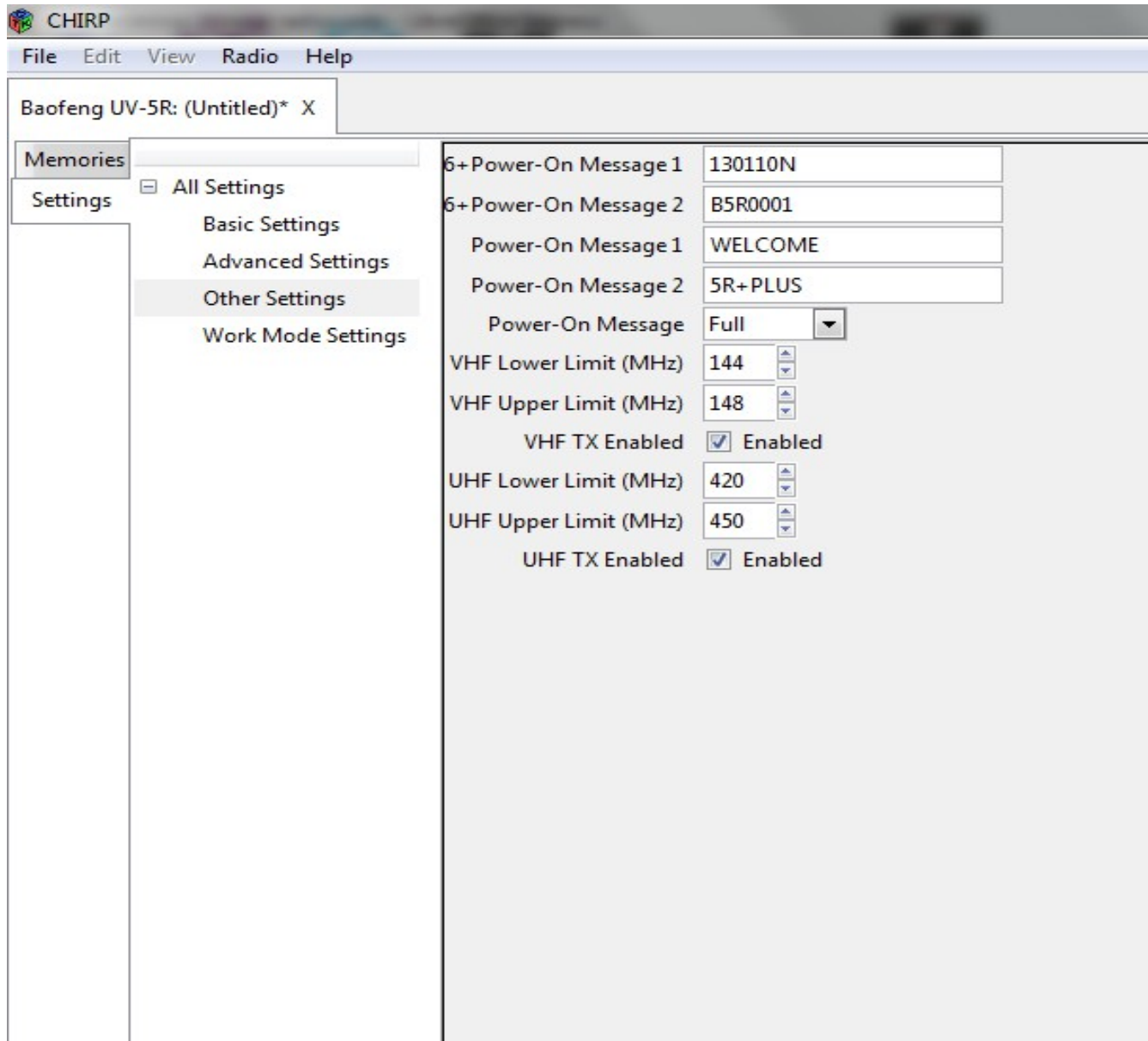


CHIRP

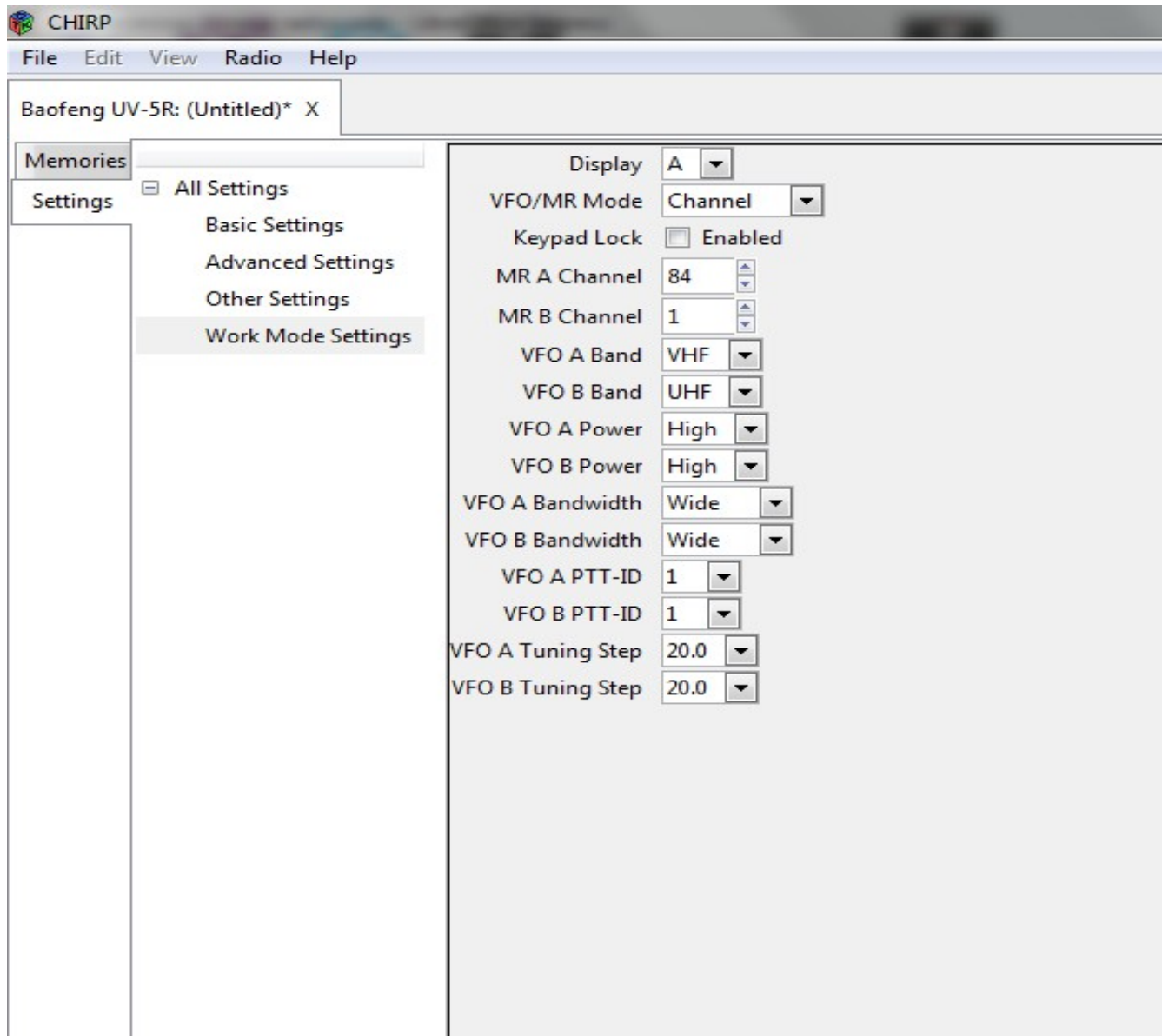
Settings (2 of 4)



CHIRP Settings (3 of 4)



CHIRP Settings (4 of 4)



CHIRP Upload to Radio

The screenshot shows the CHIRP software interface. The 'Radio' menu is open, highlighting 'Upload To Radio' (Alt+U). Other menu options include 'Download From Radio' (Alt+D), 'Import from data source', 'Query data source', 'Import from stock config', 'Automatic Repeater Offset', and 'Stop' (Escape). The main window displays a list of radio channels for a Baofeng UV-5R (U) radio. The table below represents the data shown in the interface.

Loc	Frequency	Name	Mode	SQL	DTCS Code	DTCS Rx Code	DTCS Pol	Cross Mode	Duplex	Offset	Mode	Power	Skip
0	88.5				023	023	NN	Tone->Tone	(None)	0.600000	FM		
1	156.7				023	023	NN	Tone->Tone	(None)	0.000000	NFM	High	
2	114.8				023	023	NN	Tone->Tone	(None)	0.000000	NFM	High	
3	151.940000	MURS3	TSQL	82.5	82.5	023	NN	Tone->Tone	(None)	0.000000	NFM	High	
4	154.570000	MURS4	TSQL	141.3	141.3	023	NN	Tone->Tone	(None)	0.000000	FM	High	
5	154.600000	MURS5	TSQL	162.2	162.2	023	NN	Tone->Tone	(None)	0.000000	FM	High	
6	154.452500	STOCS1	TSQL	156.7	156.7	023	NN	Tone->Tone	(None)	0.000000	NFM	High	
7	158.737500	STOCS2	TSQL	156.7	156.7	023	NN	Tone->Tone	(None)	0.000000	NFM	High	
8	159.472500	STOCS3	TSQL	156.7	156.7	023	NN	Tone->Tone	(None)	0.000000	NFM	High	
9	158.737500	STOCS4	TSQL	156.7	156.7	023	NN	Tone->Tone	(None)	0.000000	NFM	High	
10	159.472500	STOCS5	TSQL	156.7	156.7	023	NN	Tone->Tone	(None)	0.000000	NFM	High	
11	162.550000	WX550	(None)	88.5	88.5	023	NN	Tone->Tone	(None)	0.000000	FM	Low	
12	151.970000	WLTNCT	TSQL	162.2	162.2	023	NN	Tone->Tone	(None)	0.000000	NFM	High	
13	155.595000	NCCERT	TSQL	162.2	162.2	023	NN	Tone->Tone	(None)	0.000000	NFM	High	
14	0.000000	(None)		88.5	88.5	023	NN	Tone->Tone	(None)	0.600000	FM		
15	154.130000	STFIRE	(None)	88.5	88.5	023	NN	Tone->Tone	-	7.580000	FM	Low	
16	153.755000	RLDEMS	TSQL	162.2	162.2	023	NN	Tone->Tone	(None)	0.000000	NFM	High	
17	0.000000	(None)		88.5	88.5	023	NN	Tone->Tone	(None)	0.600000	FM		
18	0.000000	(None)		88.5	88.5	023	NN	Tone->Tone	(None)	0.600000	FM		
19	0.000000	(None)		88.5	88.5	023	NN	Tone->Tone	(None)	0.600000	FM		
20	155.752500	VCAL10	TSQL	156.7	156.7	023	NN	Tone->Tone	(None)	0.000000	NFM	High	
21	151.137500	VTAC11	TSQL	156.7	156.7	023	NN	Tone->Tone	(None)	0.000000	NFM	High	
22	154.452500	VTAC12	TSQL	156.7	156.7	023	NN	Tone->Tone	(None)	0.000000	NFM	High	
23	158.737500	VTAC13	TSQL	156.7	156.7	023	NN	Tone->Tone	(None)	0.000000	NFM	High	
24	159.472500	VTAC14	TSQL	156.7	156.7	023	NN	Tone->Tone	(None)	0.000000	NFM	High	

The status bar at the bottom of the window displays: [0] Completed Setting radio settings (idle)

CHIRP

Please Donate

The screenshot shows the CHIRP website with a blue header and navigation menu. A central white box with a blue border contains a donation message: "Development of CHIRP is an all-volunteer effort and is offered as open-source software, free of charge. If you like CHIRP, please consider contributing a small donation to help support the costs of development and hardware:" Below this text is a yellow "Donate" button and logos for American Express, MasterCard, VISA, PayPal, and BANK. The page also features sections for "Stable Version", "Development builds", "Live CD", and "CHIRP Downloads". A sidebar on the right includes a search bar, a "Wiki" section with links to "Start page", "Index by title", and "Index by date", and an "Advertisements" section with a green "Start download" button. The Windows taskbar at the bottom shows the time as 9:11 PM.

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Development of CHIRP is an all-volunteer effort and is offered as open-source software, free of charge. If you like CHIRP, please consider contributing a small donation to help support the costs of development and hardware:

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Stable Version

Version 0.3.1 was released on 7-April-2013. Click [here](#) for the release test report, which shows what was tested for each model (and thus what is expected to work). The feature matrix for each supported model (as generated from the code) is available [here](#).

Development builds

Daily builds are generated automatically as changes are put into the source code repository. Although they should be handled with care and not considered stable, they do contain the latest fixes, features, and model support.

The daily build repository contains builds for Windows and MacOS, as well as source snapshots for use on Linux. Click [here](#) to find the latest version.

Live CD

A Linux-based LiveCD is available with CHIRP pre-installed. This will boot on almost any system and provide a highly-compatible CHIRP environment without the need for fussing with a driver. It will not modify your system in any way.

- CHIRP Linux-based LiveCD

CHIRP Downloads

	Stable Release 0.3.1 released on 7-April-2013	Daily Development Builds
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9:11 PM