RemoteHams.com

The Program

- Familiarization Program
- Hands-On tutorial (December members meeting/radio room)
- Certification from the Administrator(@first login)
- Must have a **General** or **Extra** rating

Beta Testing Team

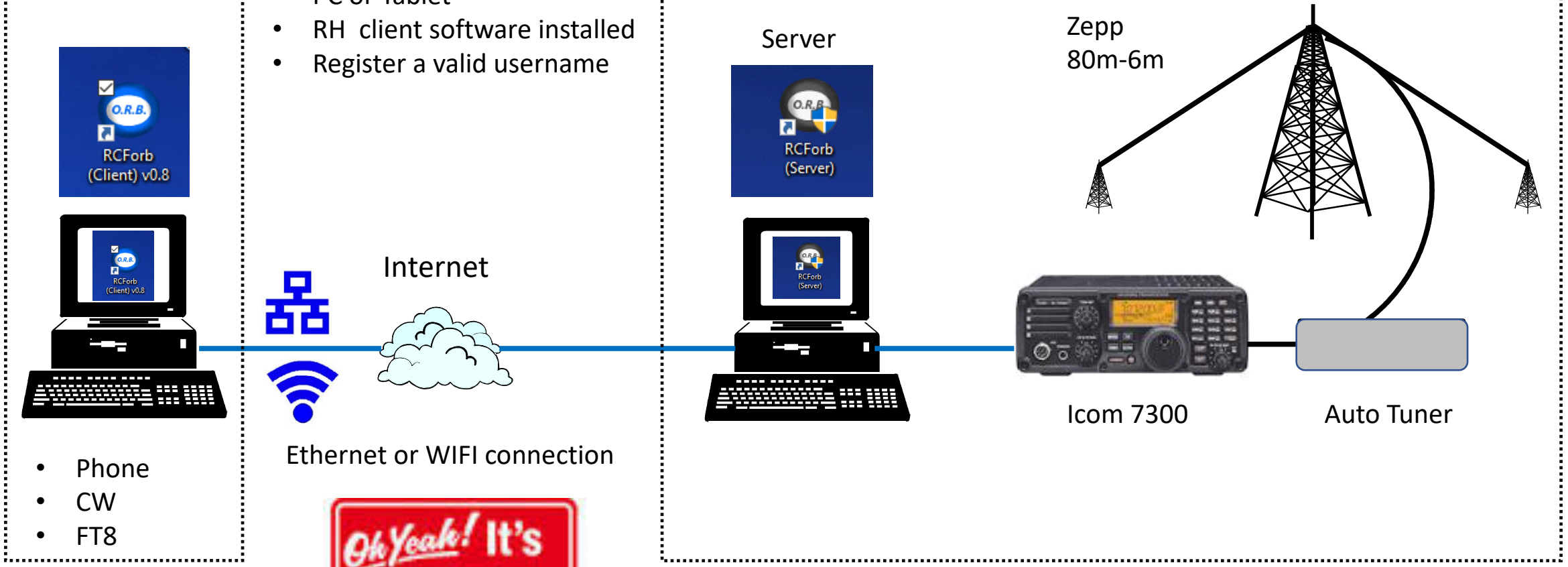
Phil	N2EDX	Administrator
Art	N2AJO	
Denis	K2NPT	
John	KA2F	
Roberto	AC2PD	
Art G	N2NAZ	
Paul	AD7I	

Note: For reference, this presentation will be posted on the web site

Client

- PC or Tablet
- RH client software installed
- Register a valid username

GSARA Remote Hams Node



- Phone
- CW
- FT8

Ethernet or WIFI connection

NOTE: You don't have to be at home to log into the W2GSA system. You can connect from anywhere that you have an internet connection with your PC. This includes anywhere in the US and internationally.

Live Demonstration

RemoteHam Restrictions

Purpose
A.) Minimize RF interference within RR
B.) Prevent damaging effects of RF overloading of receivers
C.) Removal of unnecessary features
D.) Prevent members from attempting to operate equipment outside of its design capability

The following features are not available to Club members:
1.) No transmit on 160m band (Rx Only)
2.) All frequencies 25 kHz above and below the RMS frequency of 7089 have been blocked.
3.) No transmit from 29.0 - 29.7 MHz
4.) No transmit from 50 - 54 MHz (6m Rx Only)
5.) No FM mode
6.) No SWR meter

Getting Started

www.remotehams.com

Welcome to RemoteHams.com, your online remote base community.

Enjoy operating remote amateur transceivers & more by joining our community today! Don't miss rare DX you may never have a chance to hear. Test your own signal propagation, are you being heard in a DX location? Multiple operator support allows for new methods of contesting, nets, round tables, etc. between RF and REMOTE operators.

Below is a guide to get you operating as quickly as possible using RCForb Client software. It's as simple as 1-2-3!

Step 1 - Sign Up

The first step is to register for an account. This will allow you to access our forums, gain access to remotes, join clubs and interact with the community!

Sign Up

Click Here to Sign Up

Use your callsign as your username!

Step 2 - Download RCForb Client

Do you want to remotely control a ham radio site? RCForb Client v0.8 is now available with lots of new features and layout! Some of the new features include new Skin Editor, CW Keying, Rotator Support, new DX Spots engine and more!

Download

Minimum Requirements:
- Windows XP, Vista, 7 or 8
- .NET Framework 4.0
- Adobe Flash Player Active X
- 1.0 GHz CPU
- 1GB RAM

Step 3 - Login, Select a Remote and Enjoy!

On first load, RCForb Client will ask for you to login and will remember your login details. The program will load into a "lobby" view. Double-click on a remote in the lobby and you're off!

After playing with the client and familiarizing yourself with how to operate a remote station using RCForb Client, you may want to setup a remote of your own.

Step 4 - Help the Community Grow, Share Your Radio

Help the community grow by sharing your radio. Build a multi-op club remote station or have fun sharing your remote with your friends! You have full control over all security. RCForb Server supports radios, amps, rotators and switches providing the ability to remote your whole shack with a single piece of software.

Download

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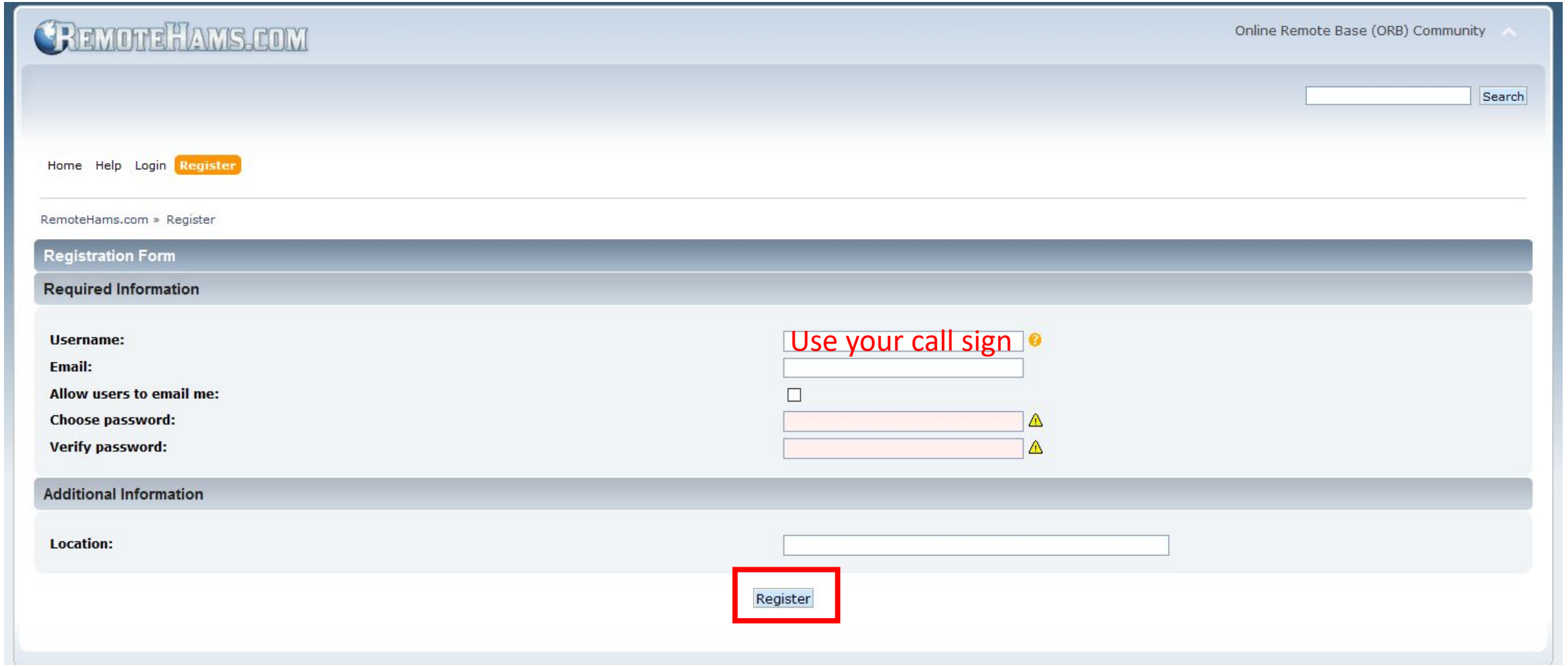
- 1GB RAM



- After you have submitted the registration form, you will receive an e-mail with a link to confirm your registration
- You must click on the link to complete the registration process

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Enjoy operating remote amateur transceivers & more by joining our community today! Don't miss rare DX you may never have a chance to hear. Test your own signal propagation, are you being heard in a DX location? Multiple operator support allows for new methods of contesting, nets, round tables, etc. between RF and REMOTE operators.

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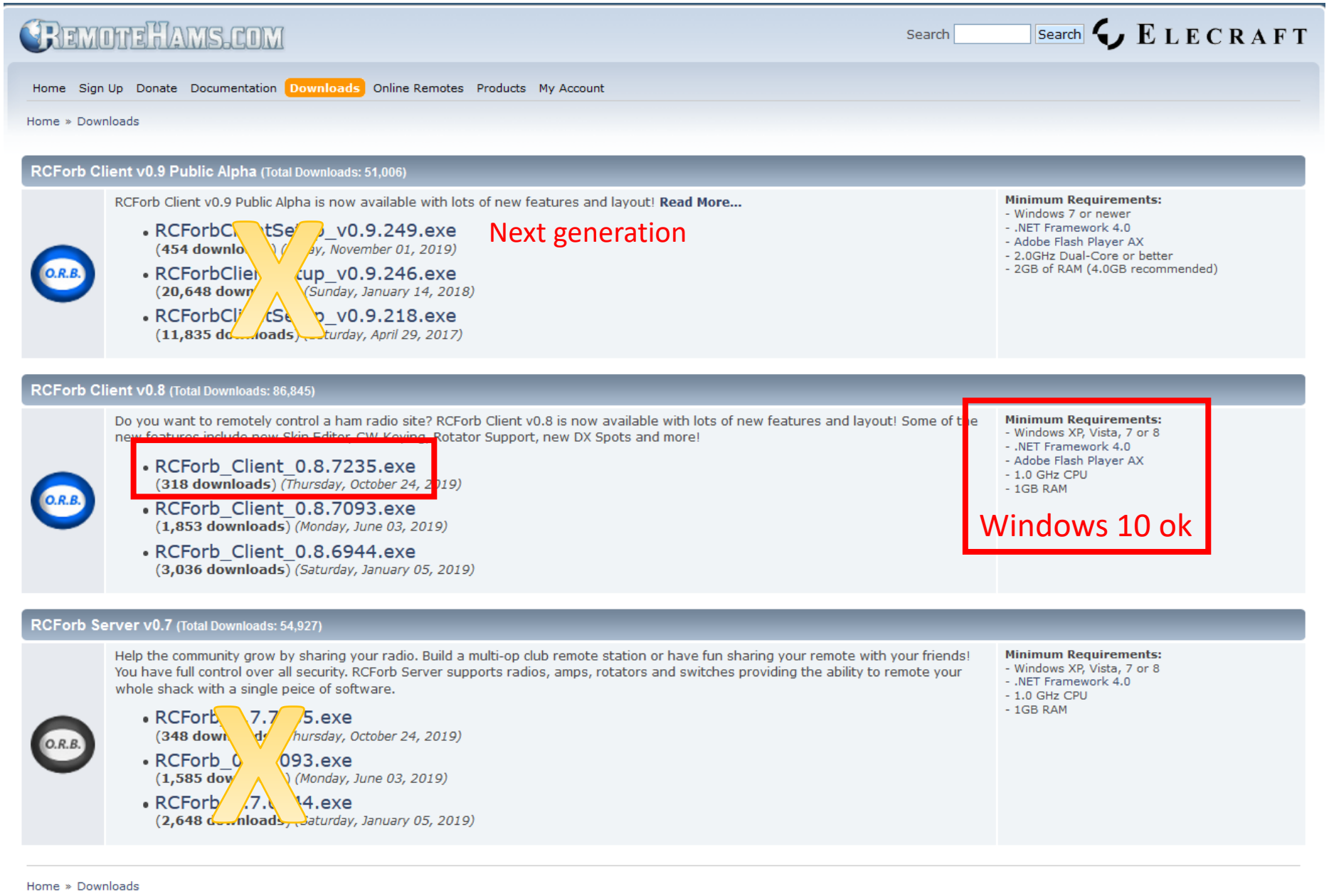
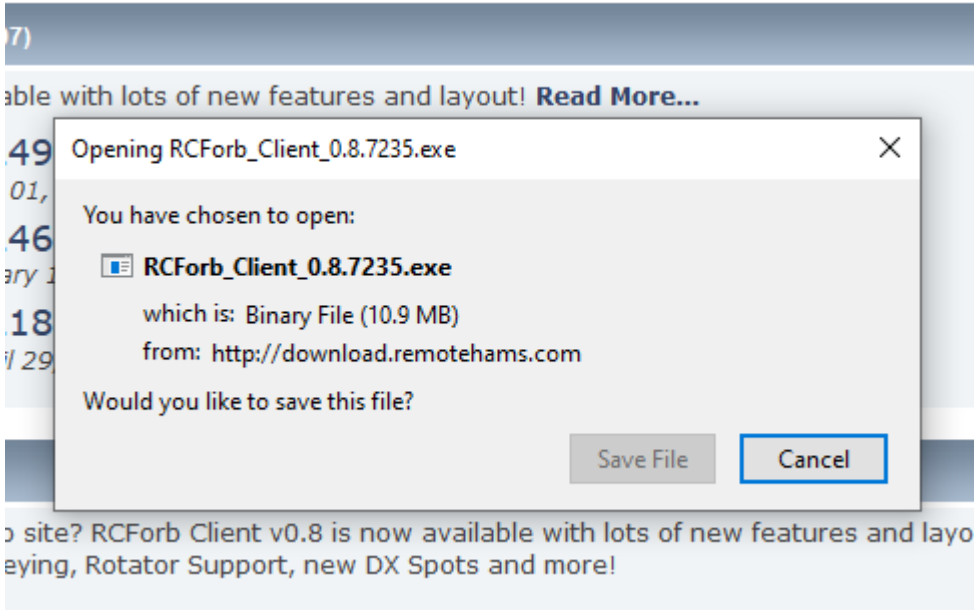
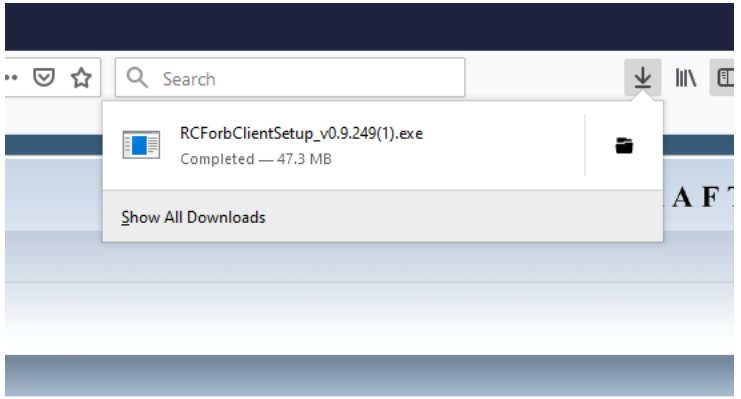
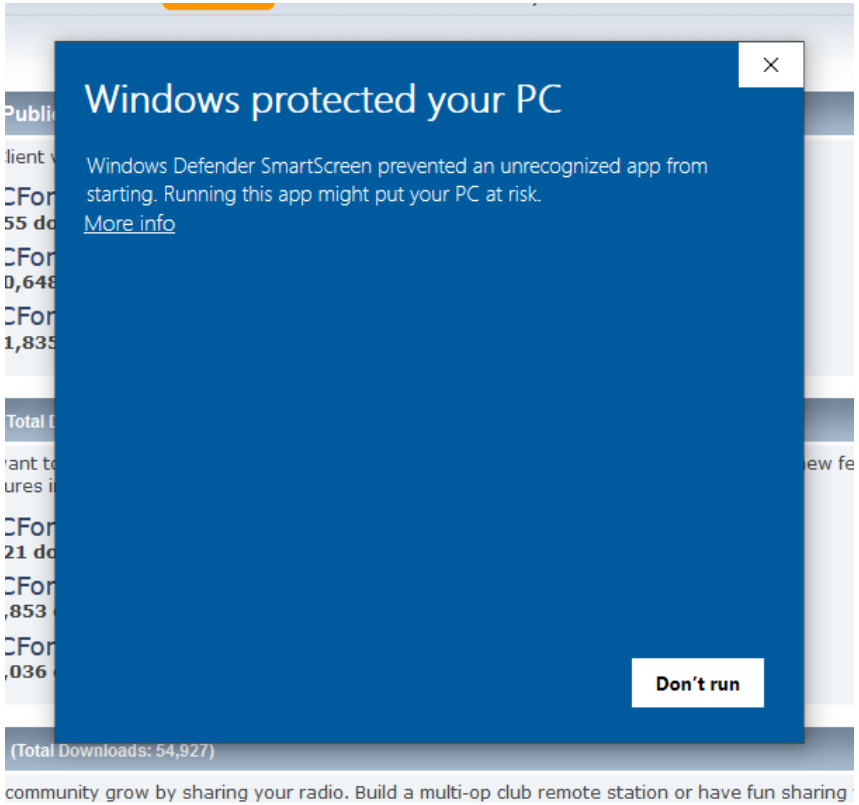
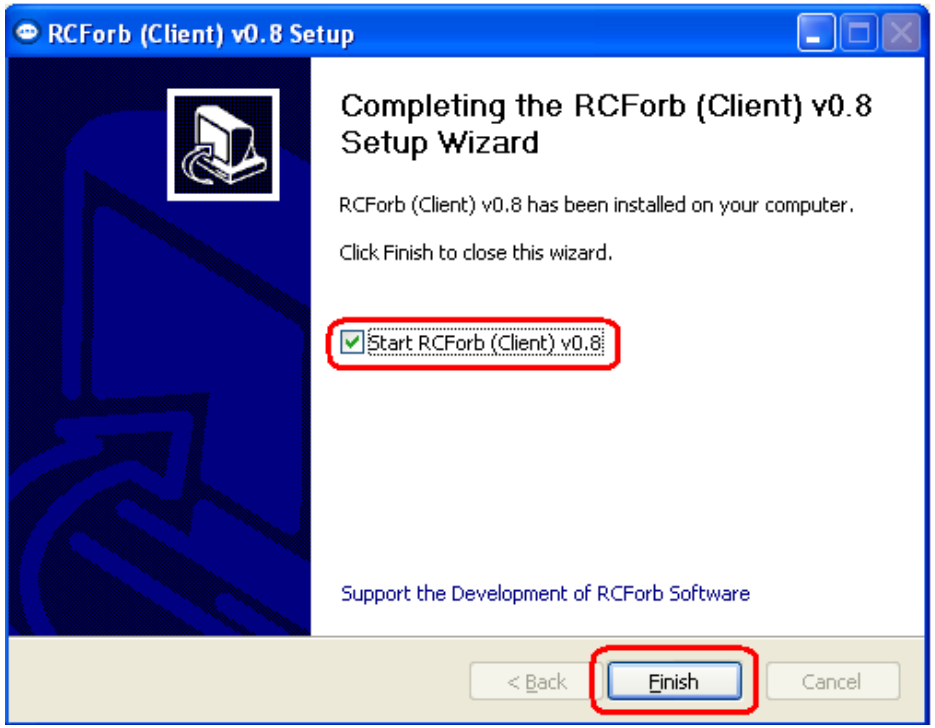


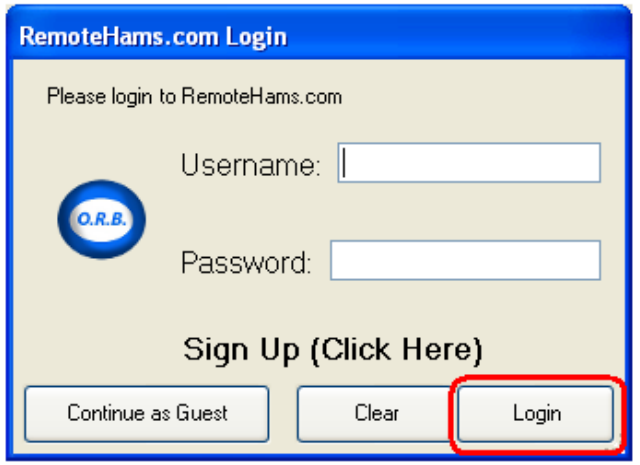
NOTE: Currently there is no client support for **MAC OS, IOS or Linux**.


able with lots of new features and layout! Read More...
Opening RCForb_Client_0.8.7235.exe
You have chosen to open:
RCForb_Client_0.8.7235.exe
which is: Binary File (10.9 MB)
from: http://download.remotehams.com
Would you like to save this file?
Save File
Cancel
site? RCForb Client v0.8 is now available with lots of new features and layo
eying, Rotator Support, new DX Spots and more!


Search
RCForbClientSetup_v0.9.249(1).exe
Completed — 47.3 MB
Show All Downloads


Windows protected your PC
Windows Defender SmartScreen prevented an unrecognized app from starting. Running this app might put your PC at risk.
More info
Don't run
(Total Downloads: 54,927)
community grow by sharing your radio. Build a multi-op club remote station or have fun sharing





Your user name is your call sign

Fill in the password you selected during registration.

Click on the "Login" button

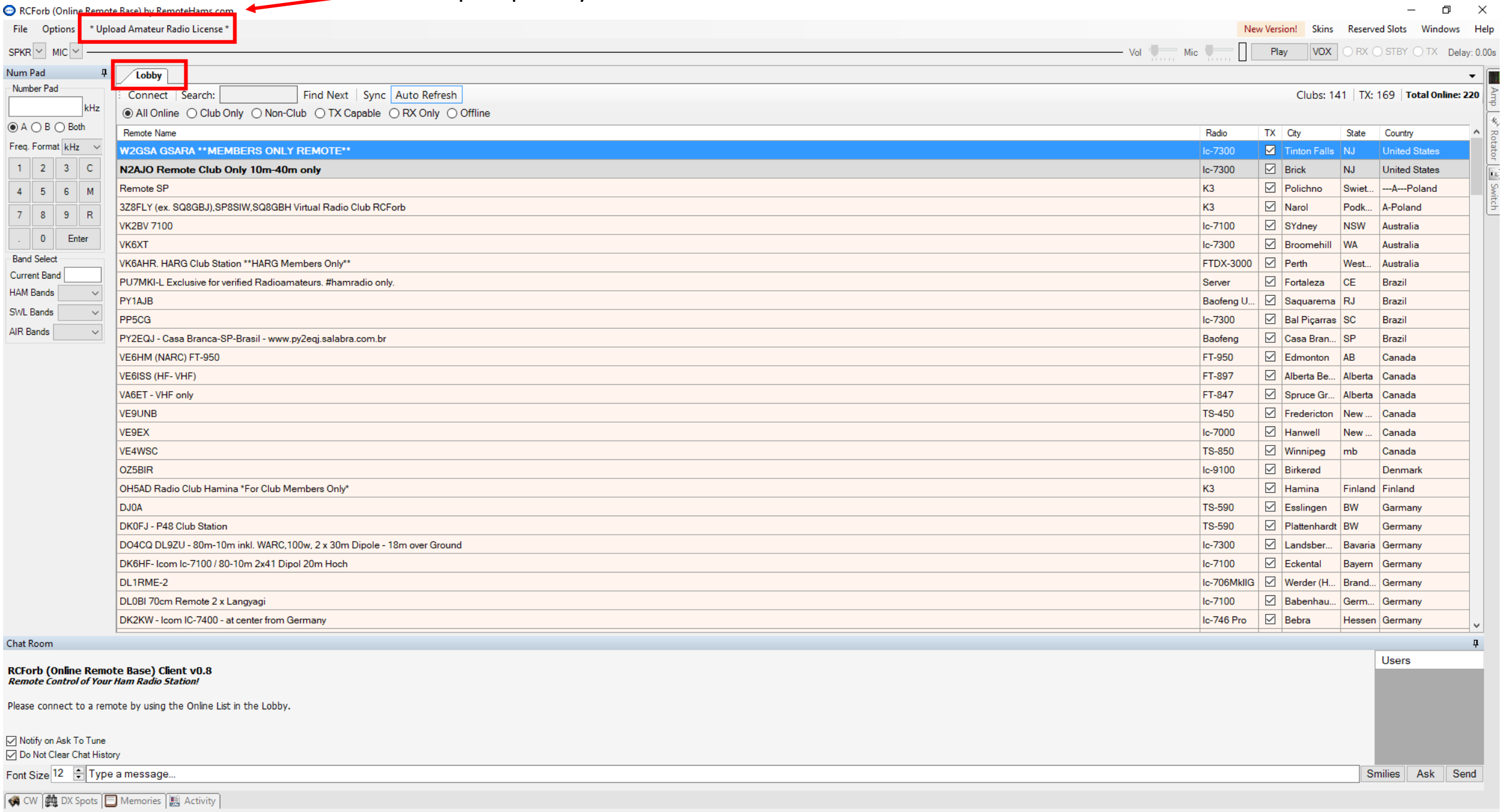
Before you connect to any of the radio servers, review the rules regarding remote usage found at this link:

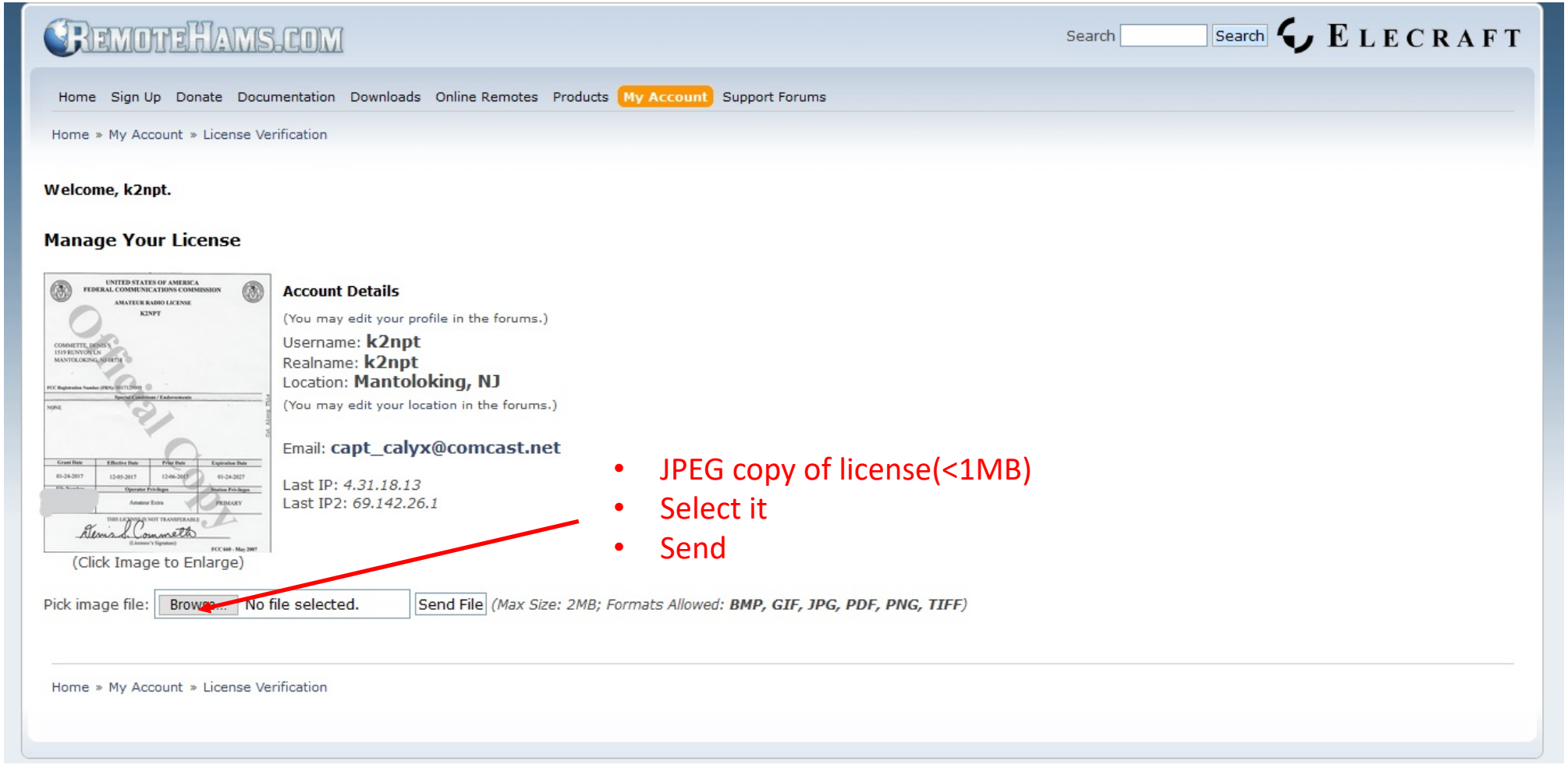
Important

http://www.remotehams.com/rules.html

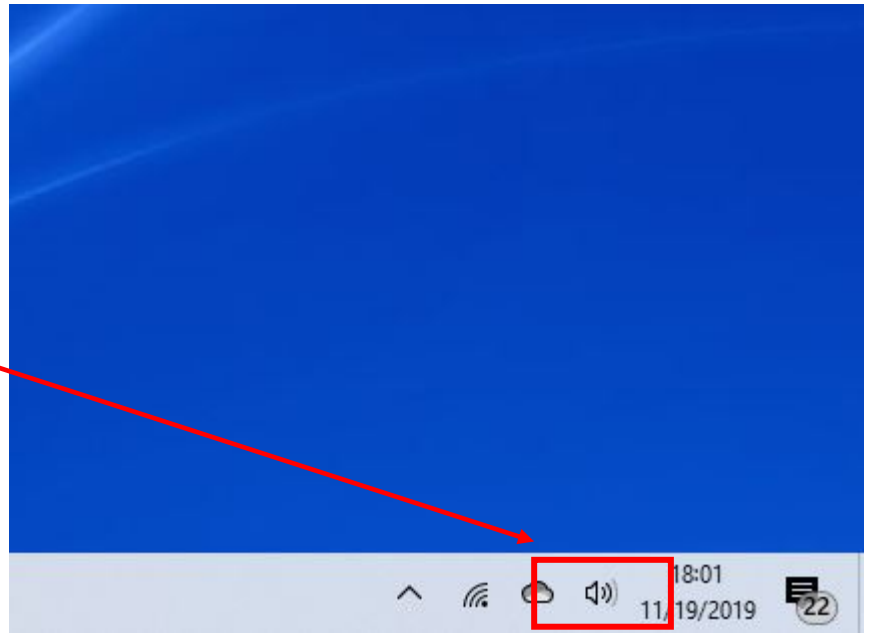
Lobby Screen

Step 1 upload your license



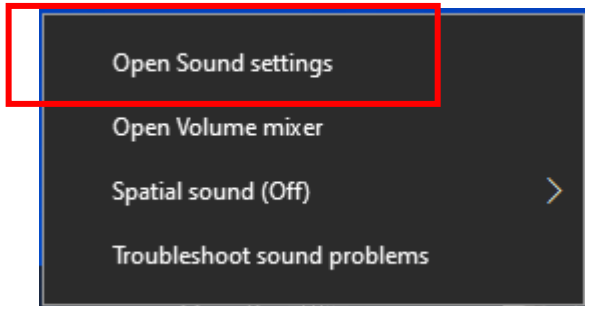


NOTE: This is very important should you desire to use other RH Stations in addition to the W2GSA Station.

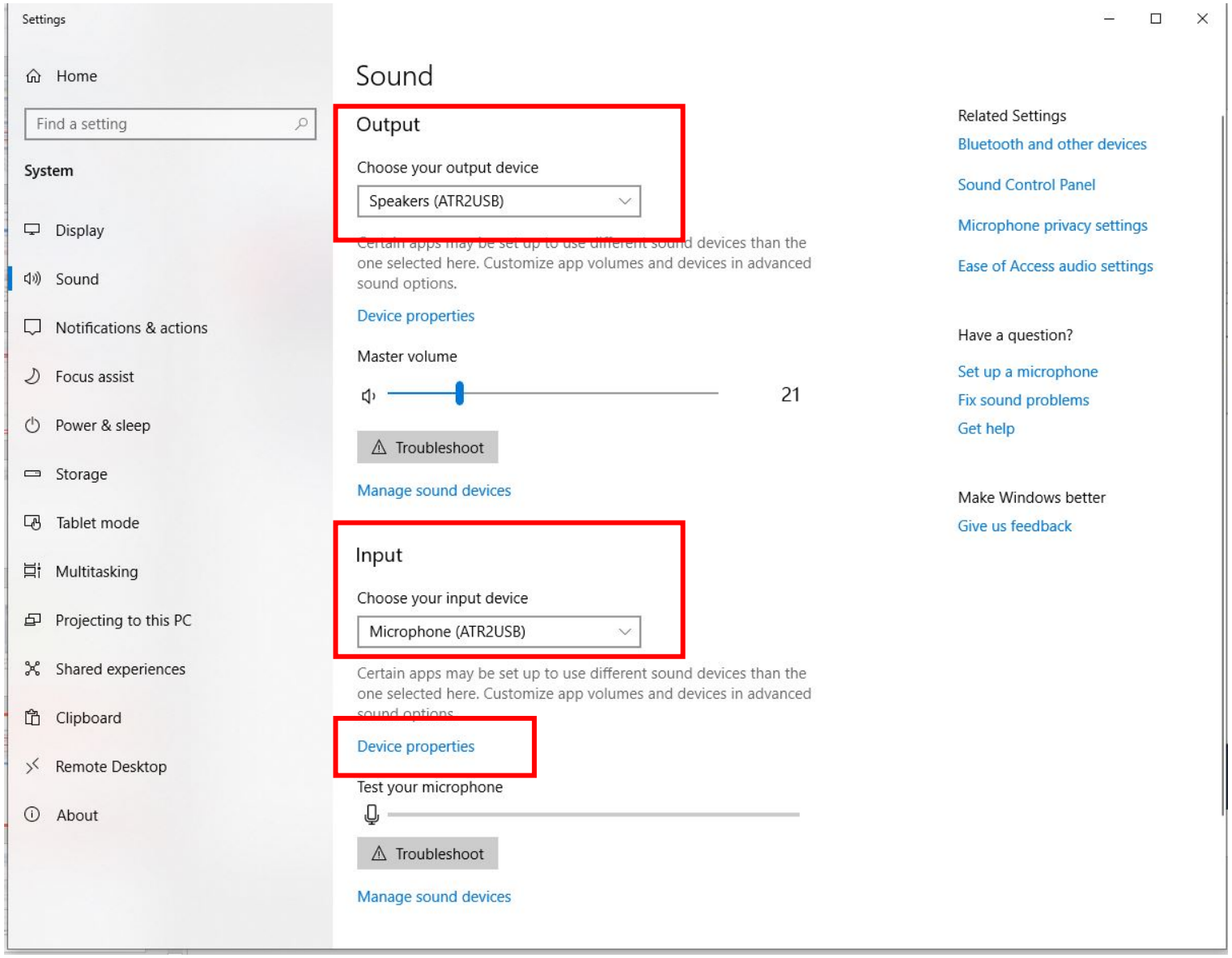


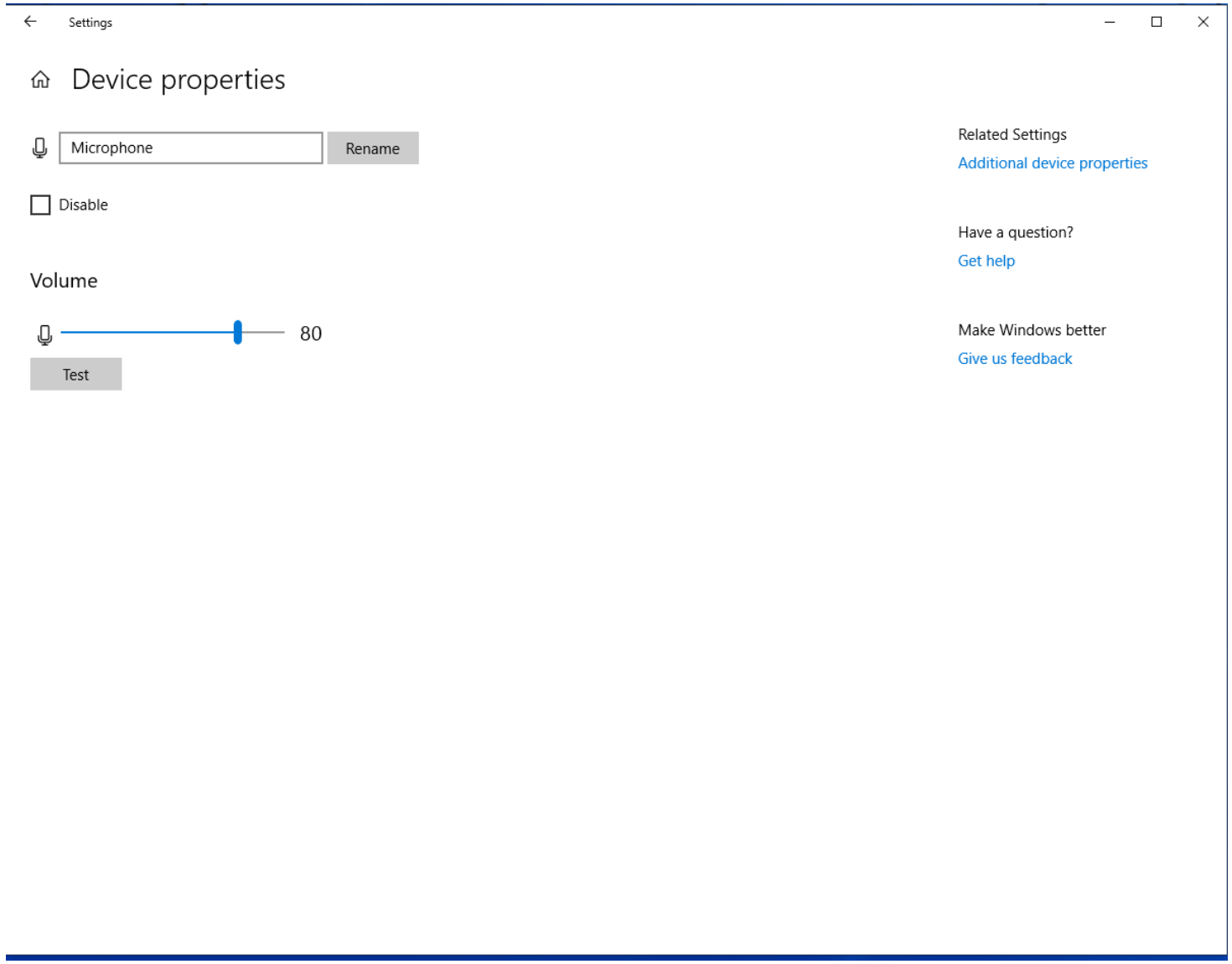
Right click

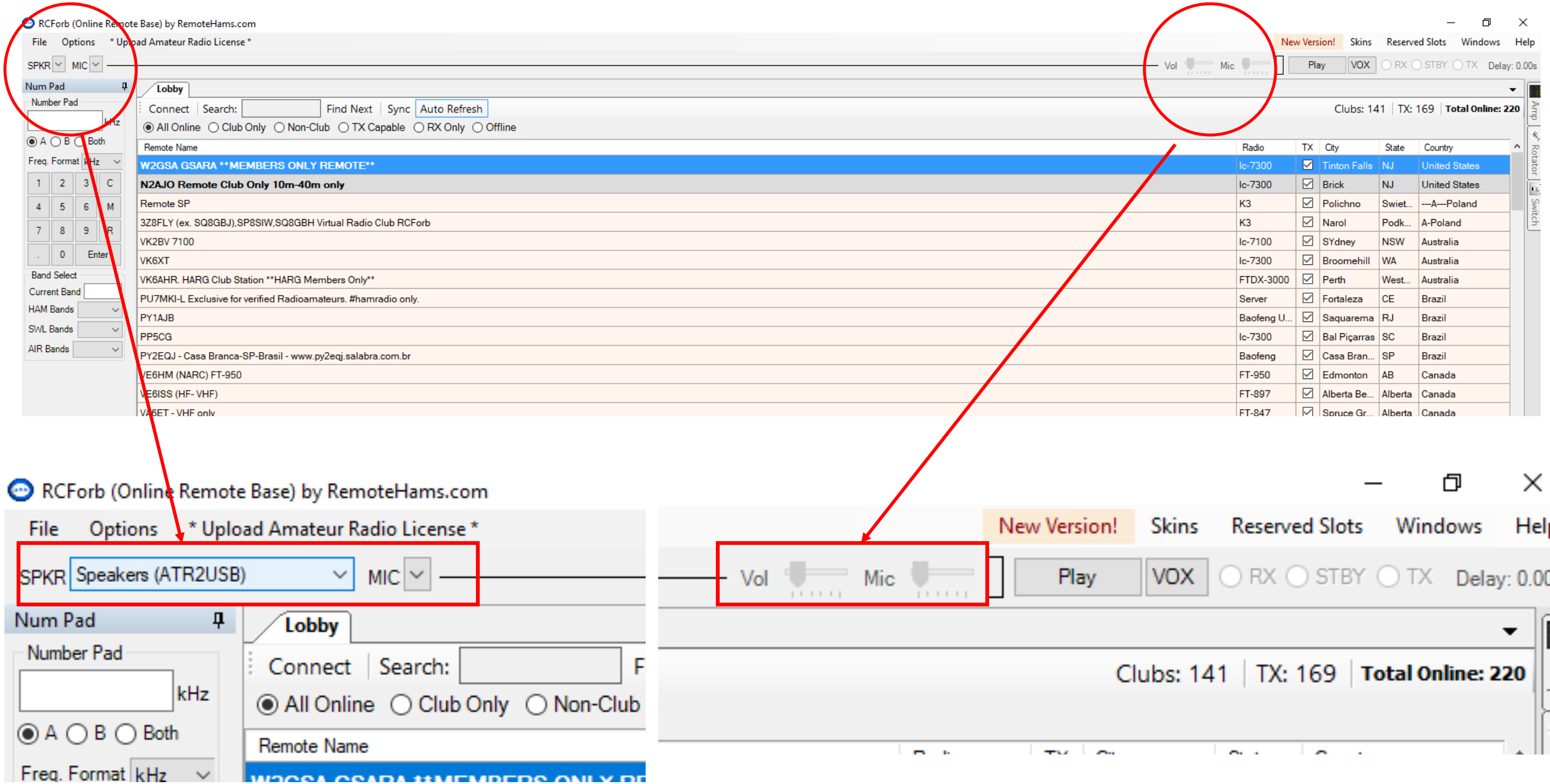
AR2USB

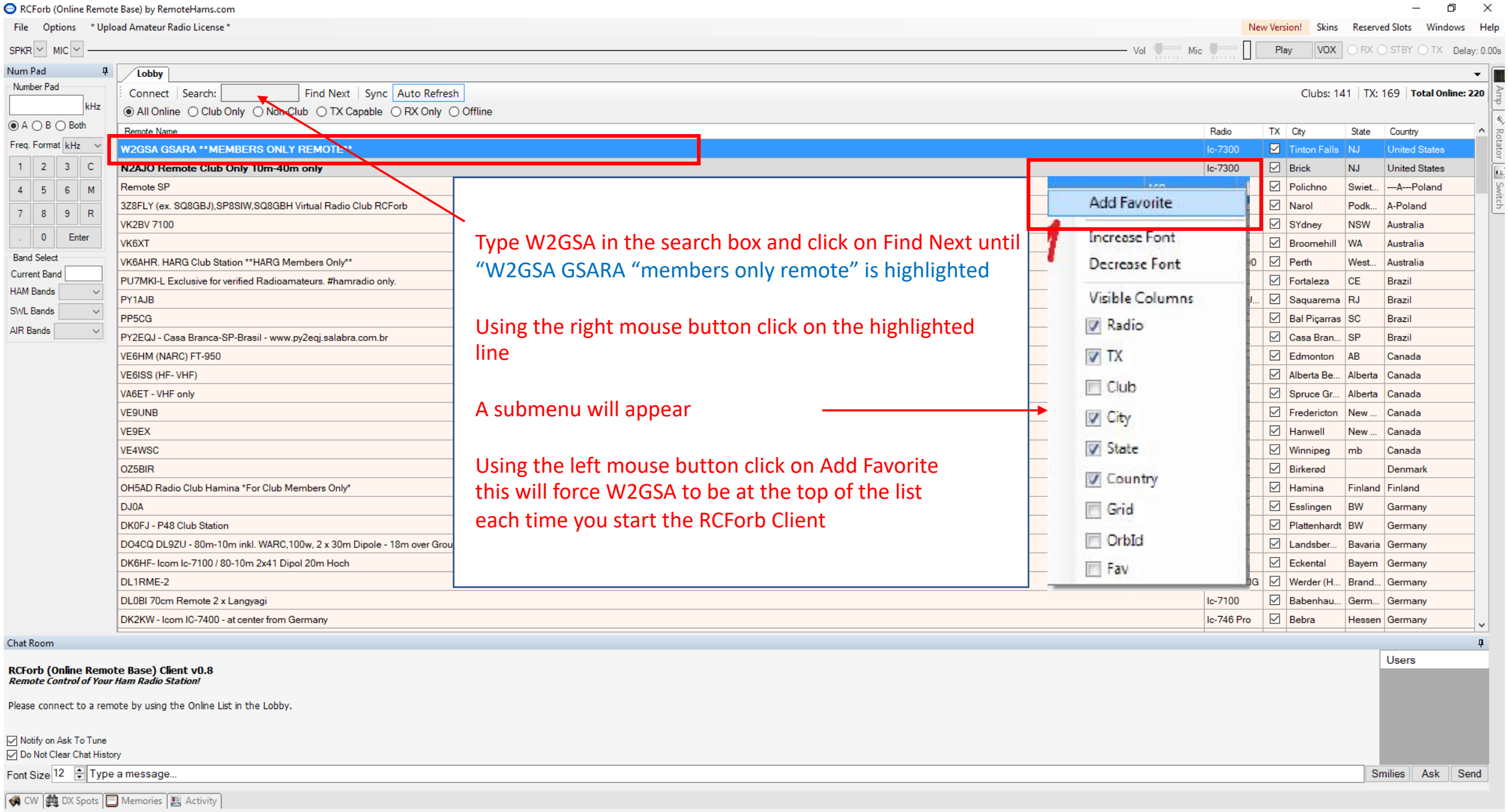


PC sound settings




Settings
Device properties
Microphone
Rename
Disable
Volume
80
Test
Related Settings
Additional device properties
Have a question?
Get help
Make Windows better
Give us feedback


RCForb (Online Remote Base) by RemoteHams.com
File
Options
* Upload Amateur Radio License *
New Version!
Skins
Reserved Slots
Windows
Help
SPKR
MIC
Vol
Mic
Play
VOX
RX
STBY
TX
Delay: 0.00s
Num Pad
Number Pad
kHz
A
B
Both
Freq. Format
Band Select
Current Band
HAM Bands
SWL Bands
AIR Bands
Lobby
Connect
Search:
Find Next
Sync
Auto Refresh
All Online
Club Only
Non-Club
TX Capable
RX Only
Offline
Clubs: 141
TX: 169
Total Online: 220
Remote Name
Radio
TX
City
State
Country
W2GSA GSARA **MEMBERS ONLY REMOTE** Ic-7300 Tinton Falls NJ United States
N2AJO Remote Club Only 10m-40m only Ic-7300 Brick NJ United States
Remote SP K3 Polichno Swiet... ---A---Poland
3Z8FLY (ex. SQ8GBJ),SP8SIW,SQ8GBH Virtual Radio Club RCForb K3 Narol Podk... A-Poland
VK2BV 7100 Ic-7100 SYdney NSW Australia
VK6XT Ic-7300 Broomehill WA Australia
VK6AHR. HARG Club Station **HARG Members Only** FTDX-3000 Perth West... Australia
PU7MKI-L Exclusive for verified Radioamateurs. #hamradio only. Server Fortaleza CE Brazil
PY1AJB Baofeng U... Saquarema RJ Brazil
PP5CG Ic-7300 Bal Piçarras SC Brazil
PY2EQJ - Casa Branca-SP-Brasil - www.py2eqj.salabra.com.br Baofeng Casa Bran... SP Brazil
VE6HM (NARC) FT-950 FT-950 Edmonton AB Canada
VE6ISS (HF- VHF) FT-897 Alberta Be... Alberta Canada
Amp
Rotator
Switch


RCForb (Online Remote Base) by RemoteHams.com
File
Options
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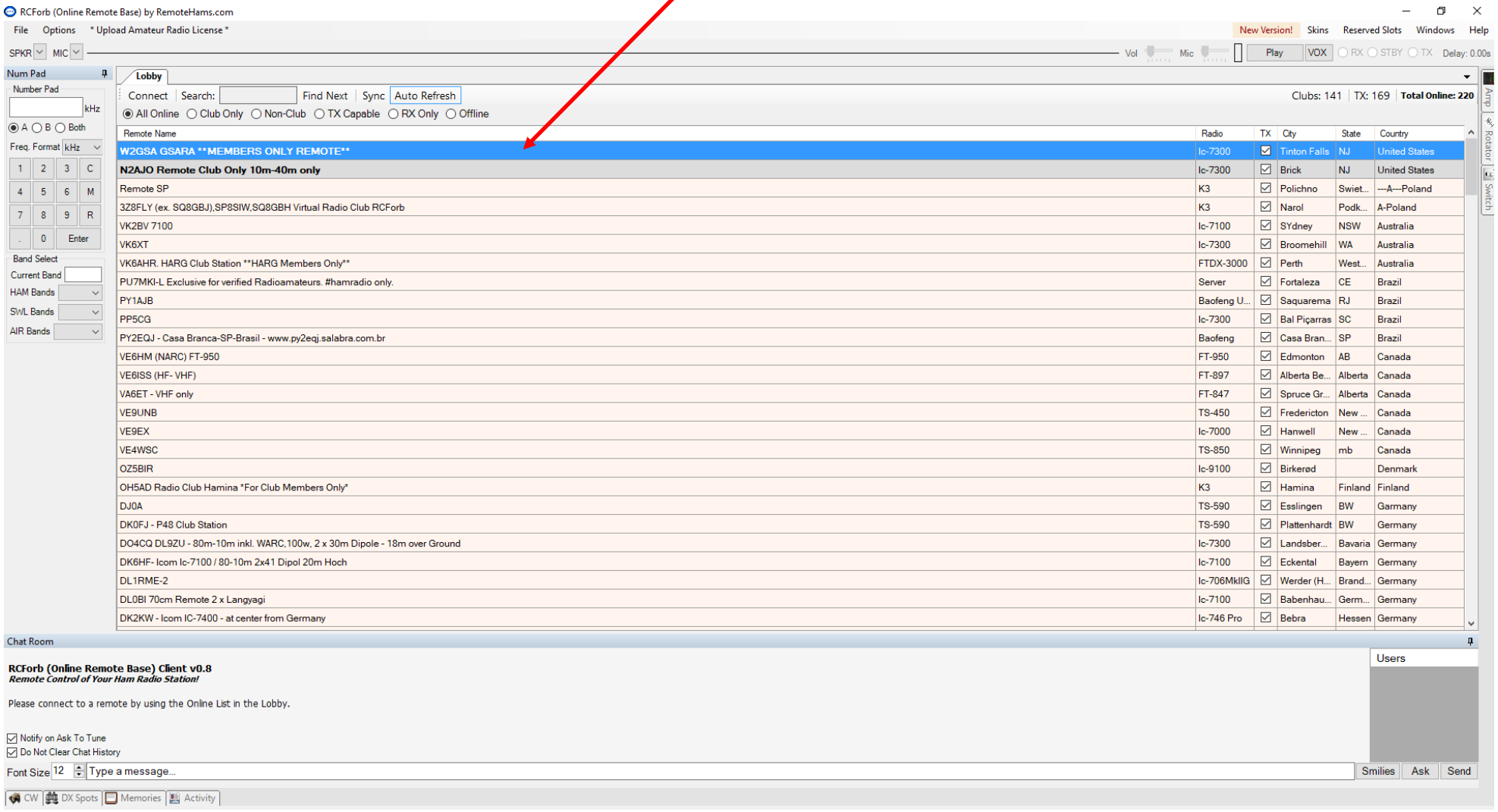
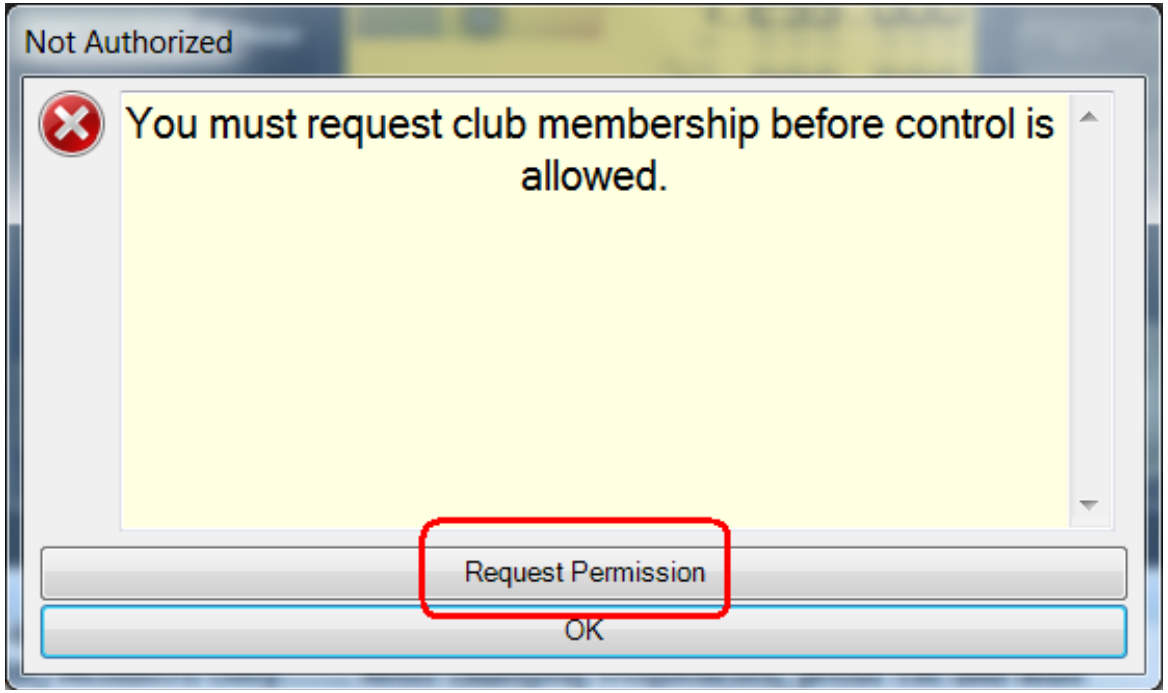
New Version!
Skins
Reserved Slots
Windows
Help
Lobby
Connect
Search:
Find Next
Sync
Auto Refresh
Clubs: 141 | TX: 169 | Total Online: 220
All Online
Club Only
Non-Club
TX Capable
RX Only
Offline
Remote Name
Radio
TX
City
State
Country
W2GSA GSARA **MEMBERS ONLY REMOTE**
Ic-7300
Tinton Falls
NJ
United States
N2AJO Remote Club Only 10m-40m only
Ic-7300
Brick
NJ
United States
Remote SP
Polichno
Swiet...
---A---Poland
3Z8FLY (ex. SQ8GBJ),SP8SIW,SQ8GBH Virtual Radio Club RCForb
Narol
Podk...
A-Poland
VK2BV 7100
SYdney
NSW
Australia
VK6XT
Broomehill
WA
Australia
VK6AHR. HARG Club Station **HARG Members Only**
Perth
West...
Australia
PU7MKI-L Exclusive for verified Radioamateurs. #hamradio only.
Fortaleza
CE
Brazil
PY1AJB
Saquarema
RJ
Brazil
PP5CG
Bal Piçarras
SC
Brazil
PY2EQJ - Casa Branca-SP-Brasil - www.py2eqj.salabra.com.br
Casa Bran...
SP
Brazil
VE6HM (NARC) FT-950
Edmonton
AB
Canada
VE6ISS (HF- VHF)
Alberta Be...
Alberta
Canada
VA6ET - VHF only
Spruce Gr...
Alberta
Canada
VE9UNB
Fredericton
New ...
Canada
VE9EX
Hanwell
New ...
Canada
VE4WSC
Winnipeg
mb
Canada
OZ5BIR
Birkerød
Denmark
OH5AD Radio Club Hamina *For Club Members Only*
Hamina
Finland
Finland
DJ0A
Esslingen
BW
Garmany
DK0FJ - P48 Club Station
Plattenhardt
BW
Germany
DO4CQ DL9ZU - 80m-10m inkl. WARC,100w, 2 x 30m Dipole - 18m over Grou
Landsber...
Bavaria
Germany
DK6HF- Icom Ic-7100 / 80-10m 2x41 Dipol 20m Hoch
Eckental
Bayern
Germany
DL1RME-2
Werder (H...
Brand...
Germany
DL0BI 70cm Remote 2 x Langyagi
Ic-7100
Babenhau...
Germ...
Germany
DK2KW - Icom IC-7400 - at center from Germany
Ic-746 Pro
Bebra
Hessen
Germany
Num Pad
Number Pad
kHz
A
B
Both
Freq. Format
Band Select
Current Band
HAM Bands
SWL Bands
AIR Bands
Add Favorite
Increase Font
Decrease Font
Visible Columns
Radio
TX
Club
City
State
Country
Grid
OrbId
Fav
Type W2GSA in the search box and click on Find Next until "W2GSA GSARA "members only remote" is highlighted
Using the right mouse button click on the highlighted line
A submenu will appear
Using the left mouse button click on Add Favorite this will force W2GSA to be at the top of the list each time you start the RCForb Client
Chat Room
RCForb (Online Remote Base) Client v0.8
Remote Control of Your Ham Radio Station!
Please connect to a remote by using the Online List in the Lobby.
Users
Notify on Ask To Tune
Do Not Clear Chat History
Font Size
Type a message...
Smilies
Ask
Send
CW
DX Spots
Memories
Activity

Double click to open

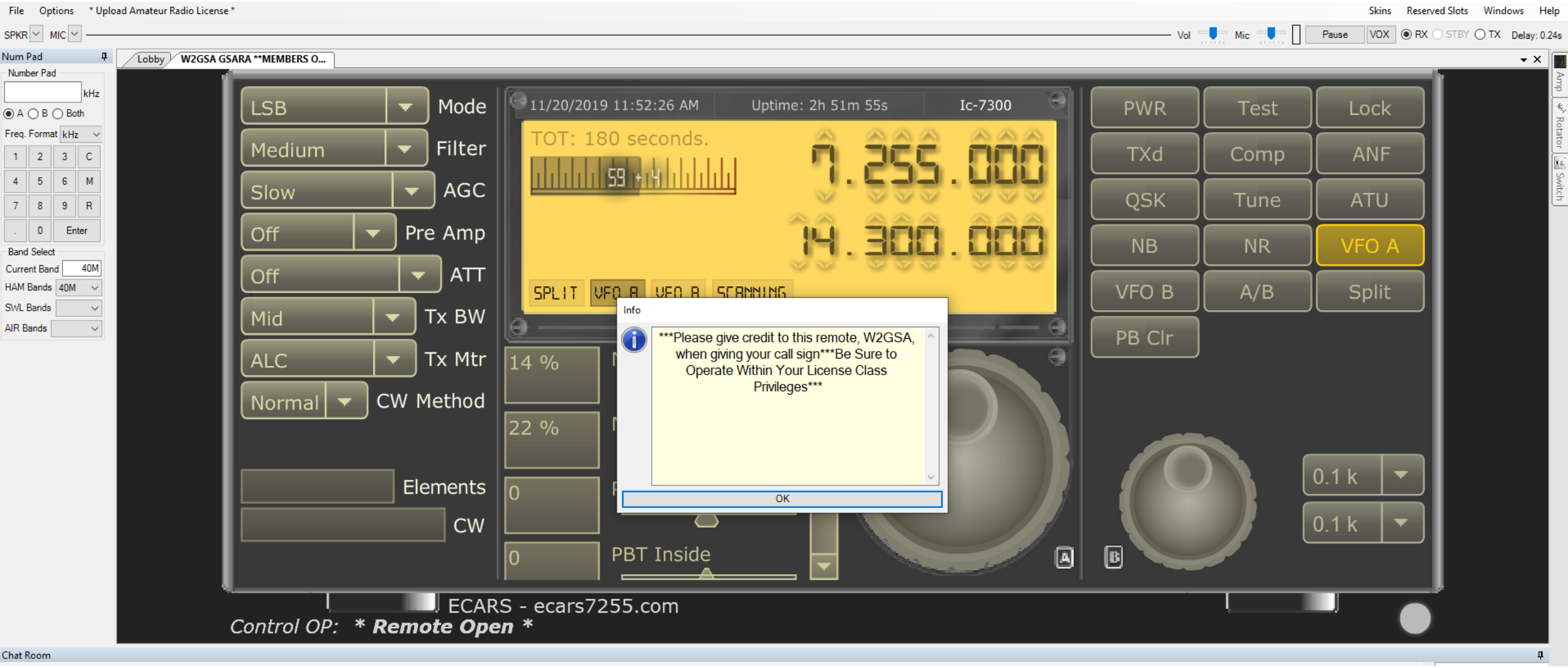


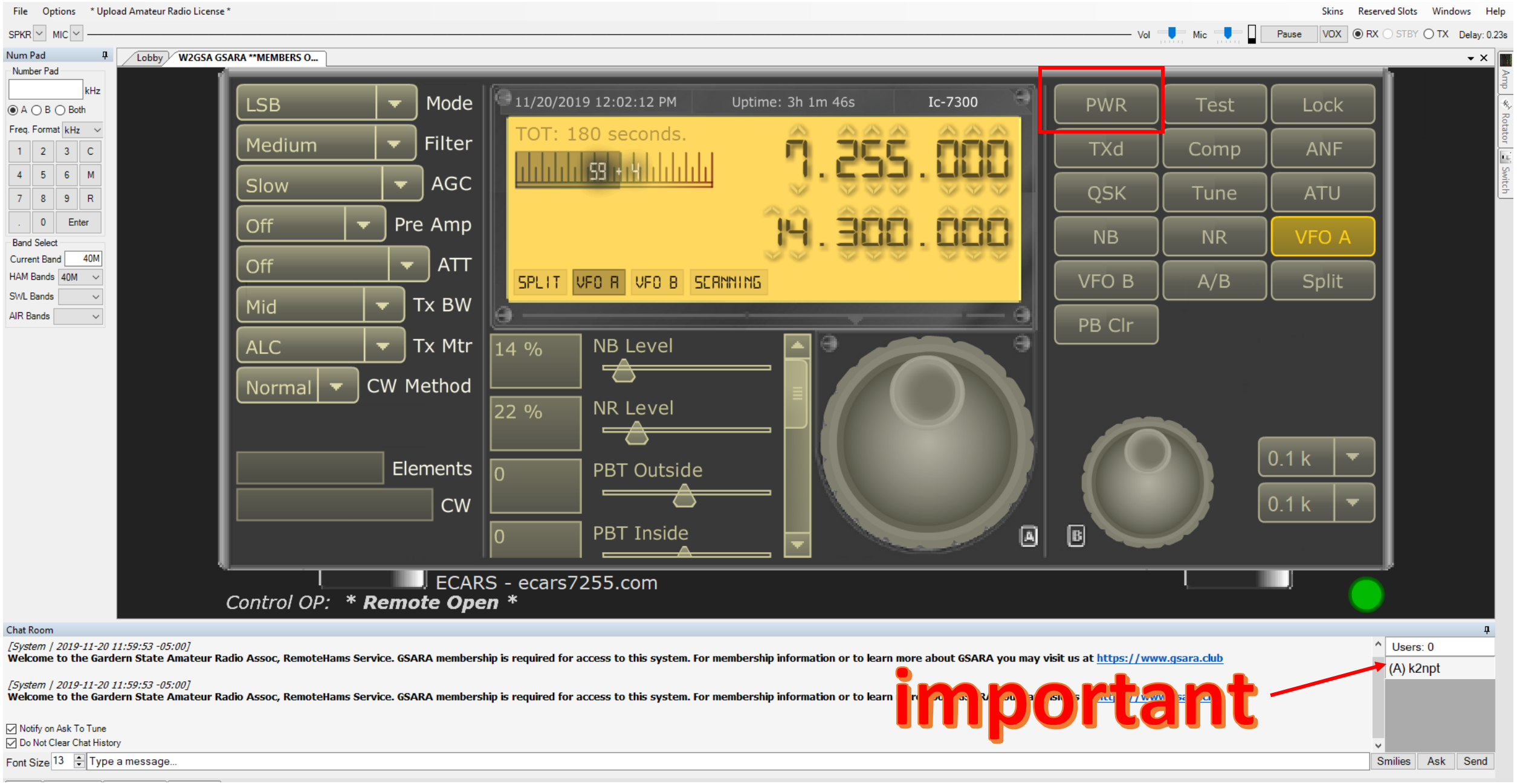
Request Permission



- First time you login with registered call sign a “Request permission” will be posted to the server
- Administrator will enable control and TX for your call sign

RCForb
(Client) v0.8


File
Options
* Upload Amateur Radio License *
Skins
Reserved Slots
Windows
Help
SPKR
MIC
Vol
Mic
Pause
VOX
RX
STBY
TX
Delay: 0.24s
Num Pad
Number Pad
kHz
A
B
Both
Freq. Format
kHz
1
2
3
C
4
5
6
M
7
8
9
R
.
0
Enter
Band Select
Current Band
40M
HAM Bands
40M
SWL Bands
AIR Bands
Lobby
W2GSA GSARA **MEMBERS O...
LSB
Mode
Medium
Filter
Slow
AGC
Off
Pre Amp
Off
ATT
Mid
Tx BW
ALC
Tx Mtr
Normal
CW Method
Elements
CW
11/20/2019 11:52:26 AM
Uptime: 2h 51m 55s
Ic-7300
TOT: 180 seconds.
S9 +4
7.255.000
14.300.000
SPLIT
VFO B
VFO B
SCANNING
14 %
22 %
0
0
PBT Inside
PWR
Test
Lock
TXd
Comp
ANF
QSK
Tune
ATU
NB
NR
VFO A
VFO B
A/B
Split
PB Clr
0.1 k
0.1 k
Info
Please give credit to this remote, W2GSA, when giving your call signBe Sure to Operate Within Your License Class Privileges***
OK
ECARS - ecars7255.com
Control OP: * Remote Open *
Amp
Rotator
Switch
Chat Room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Num Pad
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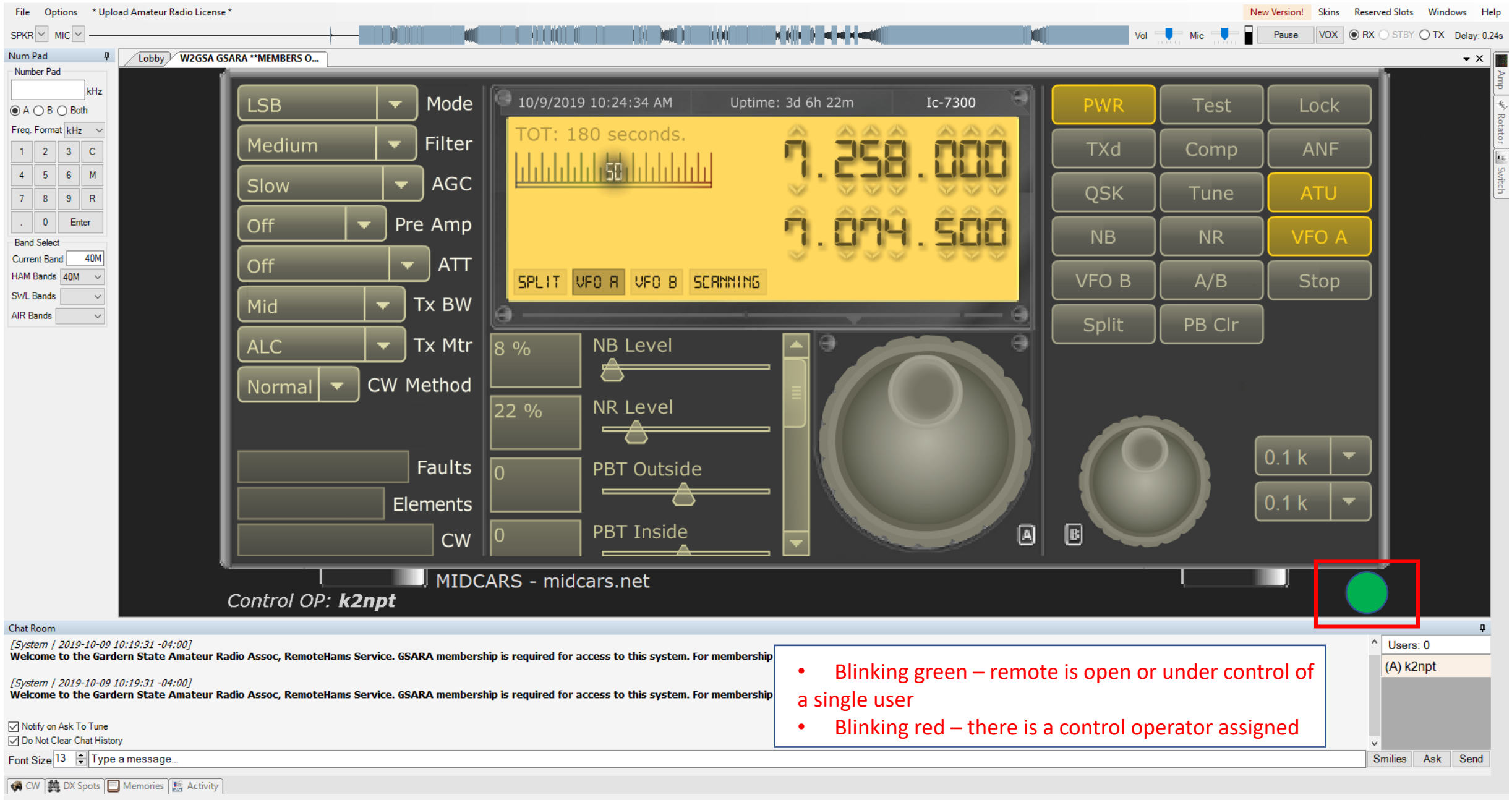
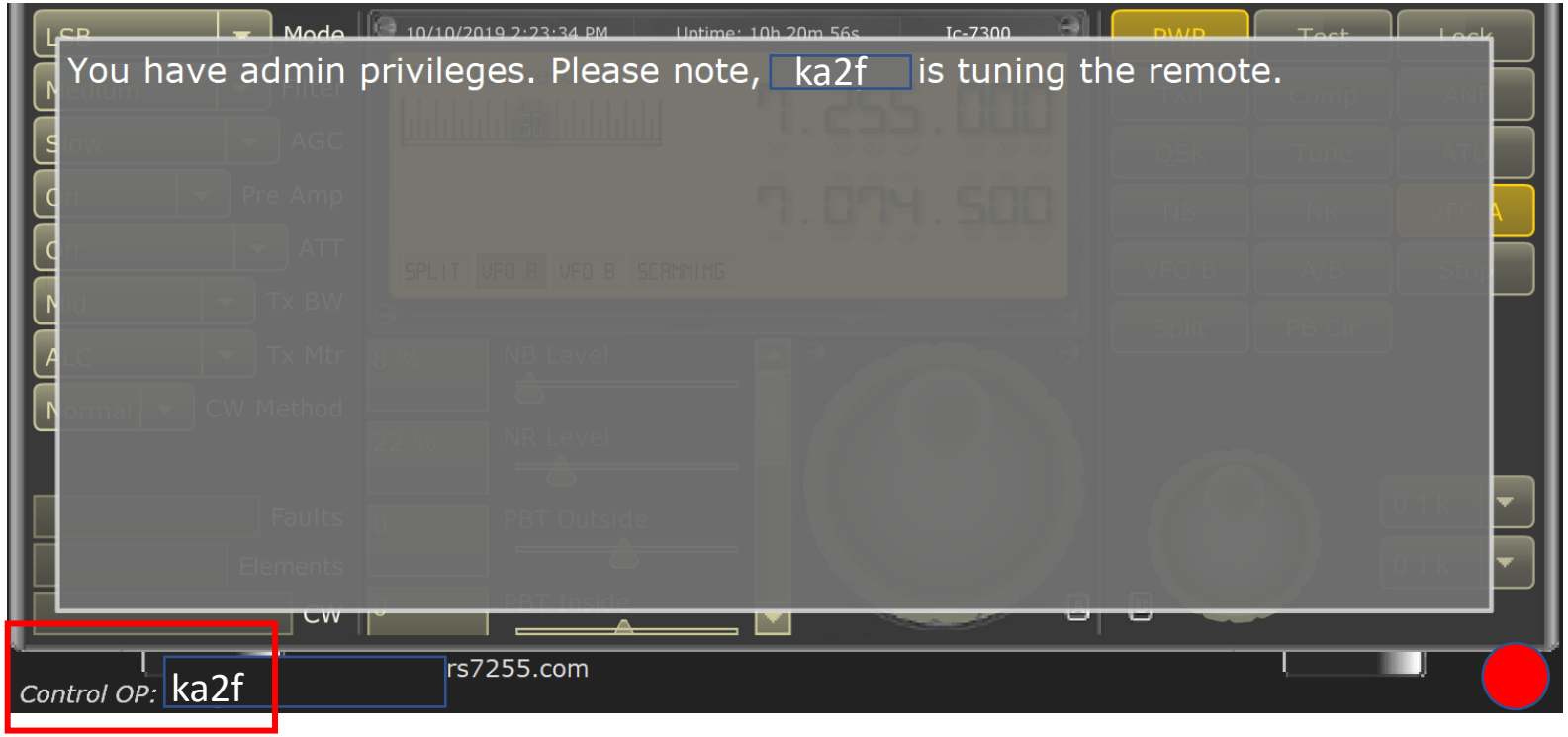
kHz
A
B
Both
Freq. Format
kHz
Band Select
Current Band
40M
HAM Bands
SWL Bands
AIR Bands
Lobby
W2GSA GSARA **MEMBERS O...
LSB
Mode
Medium
Filter
Slow
AGC
Off
Pre Amp
Off
ATT
Mid
Tx BW
ALC
Tx Mtr
Normal
CW Method
Elements
CW
11/20/2019 12:02:12 PM
Uptime: 3h 1m 46s
Ic-7300
TOT: 180 seconds.
S9 + 4
7.255.000
14.300.000
SPLIT
VFO A
VFO B
SCANNING
14 %
NB Level
22 %
NR Level
0
PBT Outside
0
PBT Inside
PWR
Test
Lock
TXd
Comp
ANF
QSK
Tune
ATU
NB
NR
VFO A
VFO B
A/B
Split
PB Clr
0.1 k
0.1 k
ECARS - ecars7255.com
Control OP: * Remote Open *
Chat Room
[System / 2019-11-20 11:59:53 -05:00]
Welcome to the Gardern State Amateur Radio Assoc, RemoteHams Service. GSARA membership is required for access to this system. For membership information or to learn more about GSARA you may visit us at https://www.gsara.club
[System / 2019-11-20 11:59:53 -05:00]
Welcome to the Gardern State Amateur Radio Assoc, RemoteHams Service. GSARA membership is required for access to this system. For membership information or to learn
Users: 0
(A) k2npt
important
Notify on Ask To Tune
Do Not Clear Chat History
Font Size
13
Type a message...
Smilies
Ask
Send

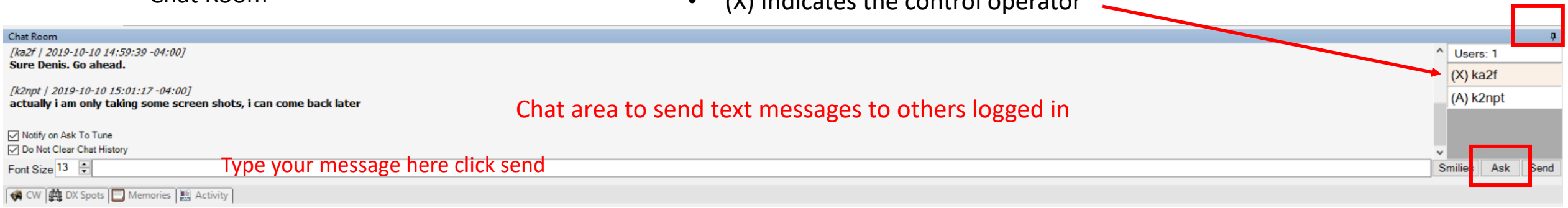


- Blinking green – remote is open or under control of a single user
- Blinking red – there is a control operator assigned

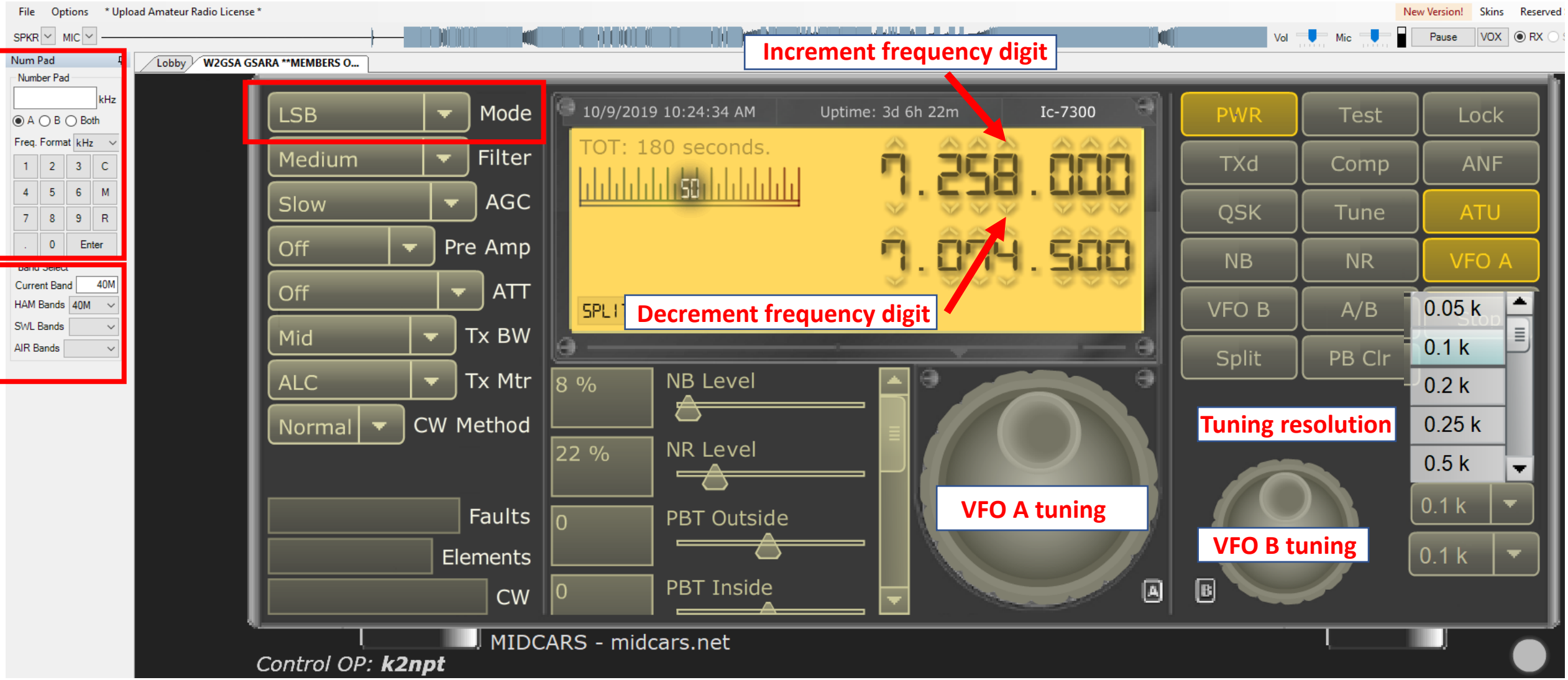


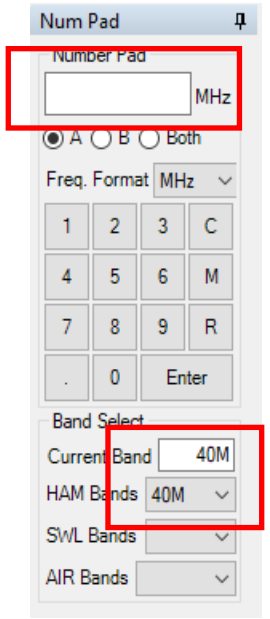
- Several users can be connected simultaneously
- Control operator is last person to click on a radio control
- (X) Indicates the control operator

Chat Room

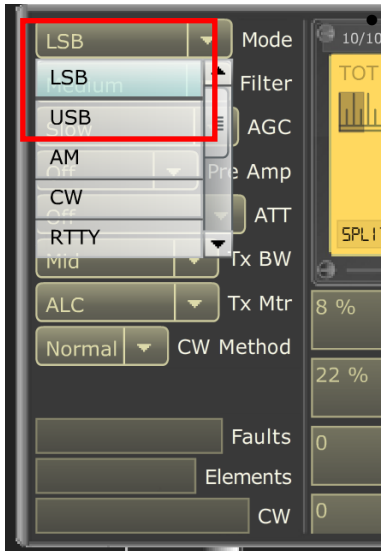


Band and frequency tuning

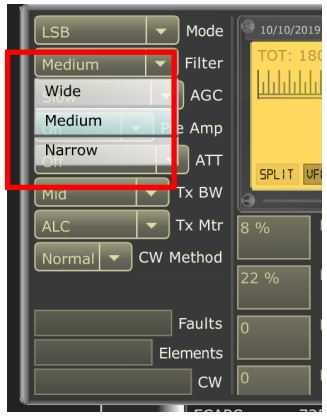




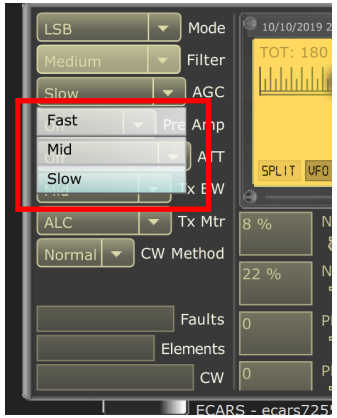
- Select the **band** from the drop down window and enter a **frequency** in the band range.
- For example, type 7.235 in the Window



From the **mode** drop down menu select LSB/USB (see note)

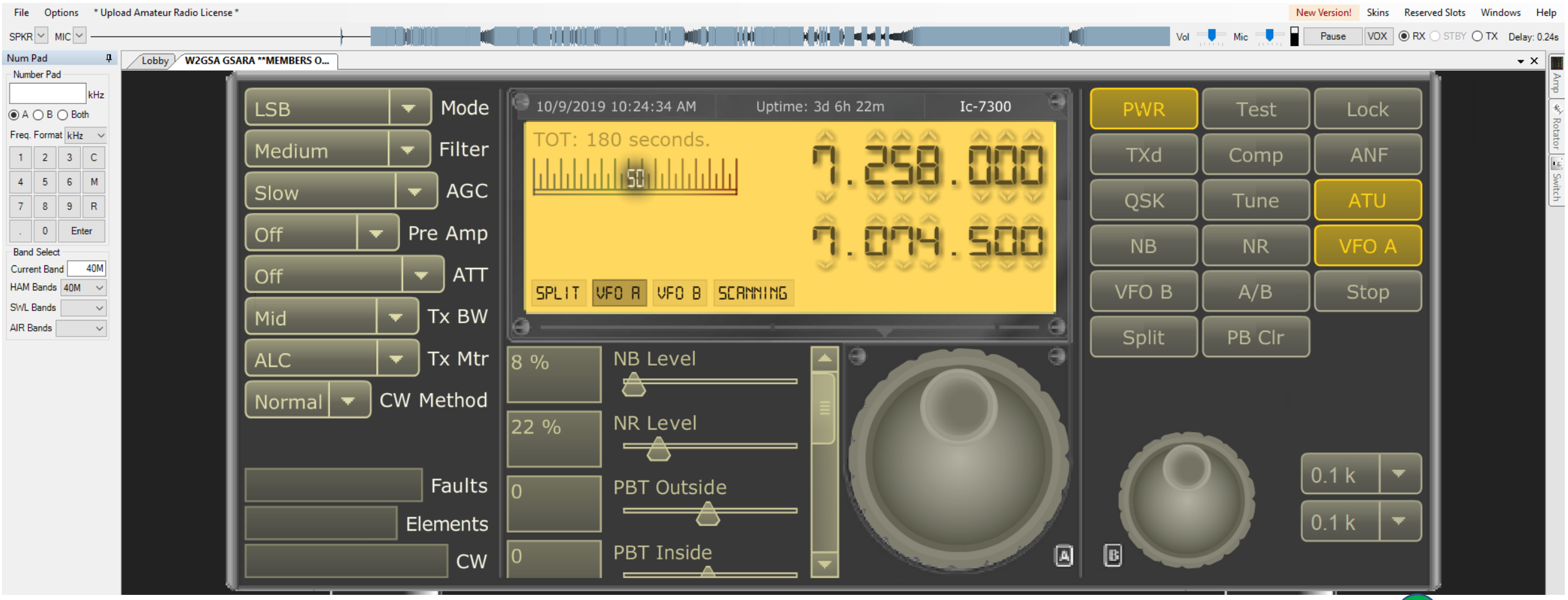


- From the **filter** drop down menu, select a width.



- From the **AGC** drop down menu, select a setting

NOTE: When changing bands, the rig does not automatically switch sidebands (shifting between *VFO A to B, the mode will change automatically*)

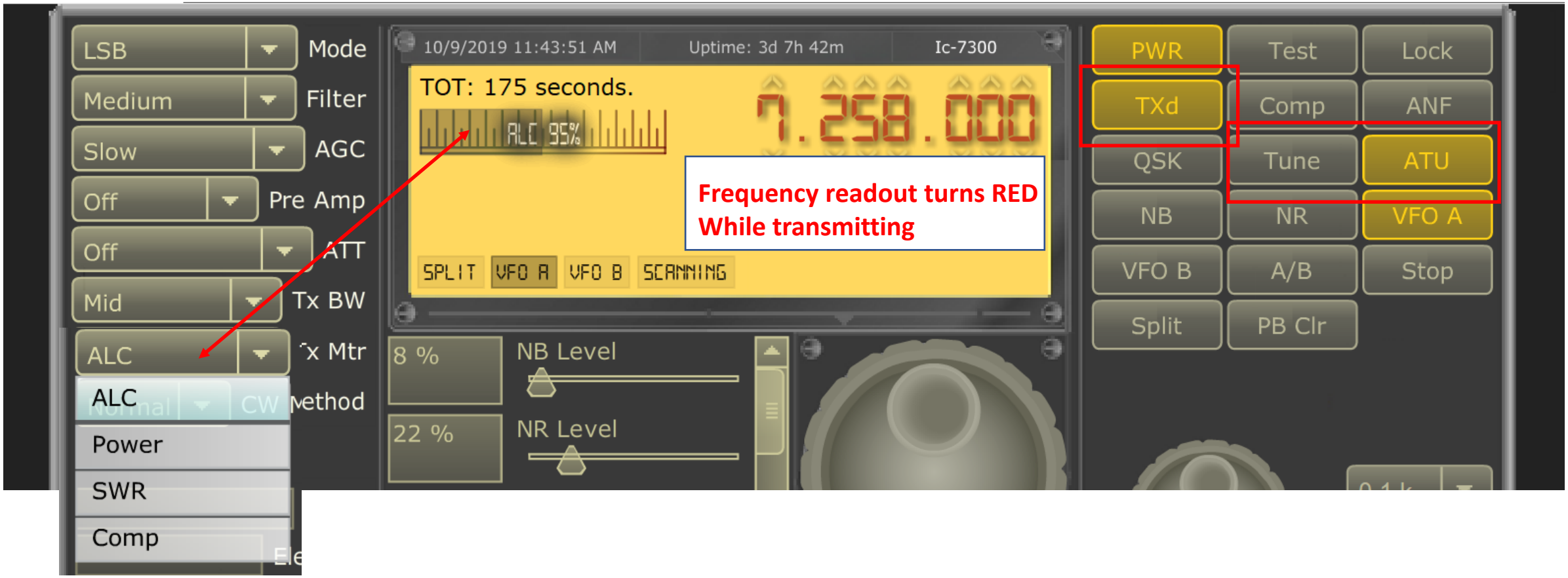


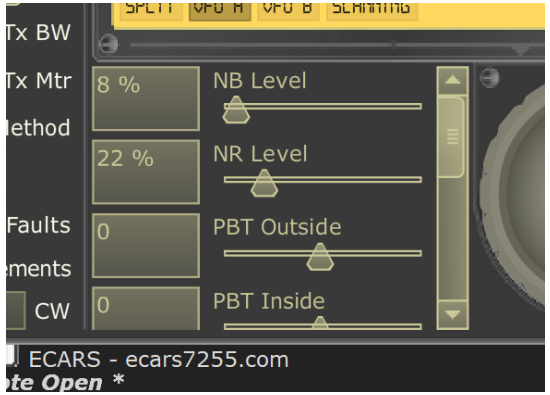
IMPORTANT

- Before you transmit, you should tune the antenna
- Whenever you change bands, or make significant changes to the frequency on the radio, you should re-tune the antenna.

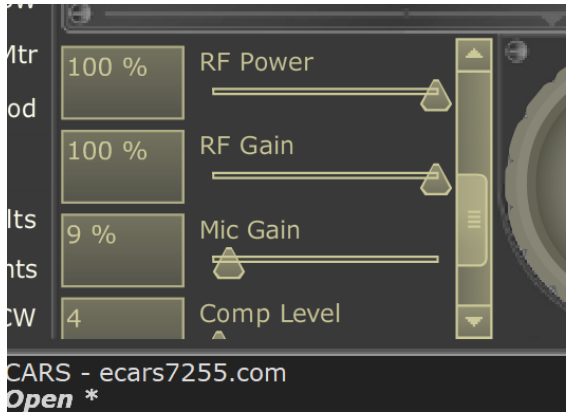
Transmitting

NOTE: TX Operation by pressing the space bar is possible but it must be “bound” to the TX button. To “bind” the space bar to the TX button, you must first click on the TX button. As long as the TX button is the last item you have clicked on, the Space Bar will be “bound”.

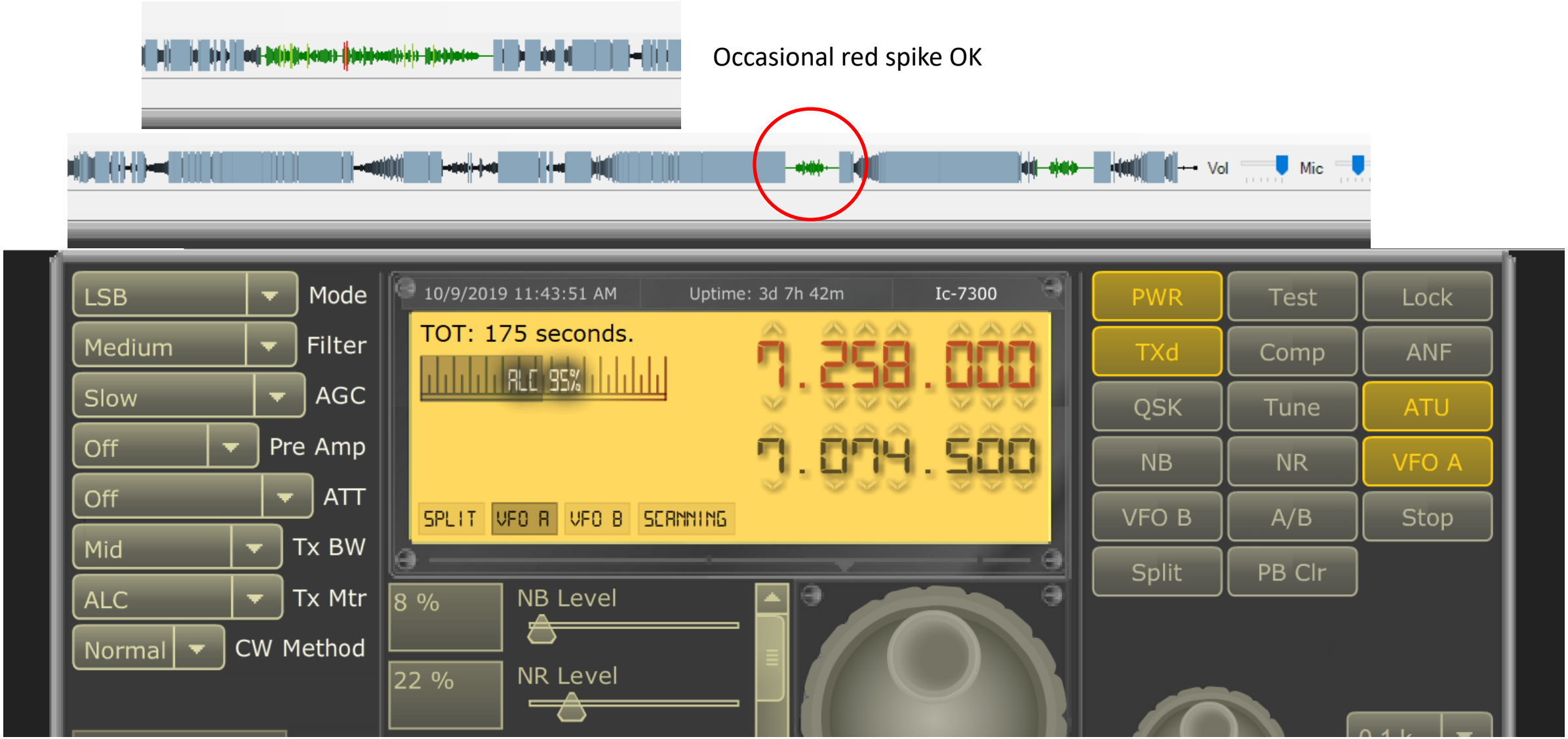



Tx BW
Tx Mtr
ethod
Faults
ments
CW
8 %
NB Level
22 %
NR Level
0
PBT Outside
0
PBT Inside
ECARS - ecars7255.com
te Open *

QSK
Tune
NB
NR
VFO B
A/B

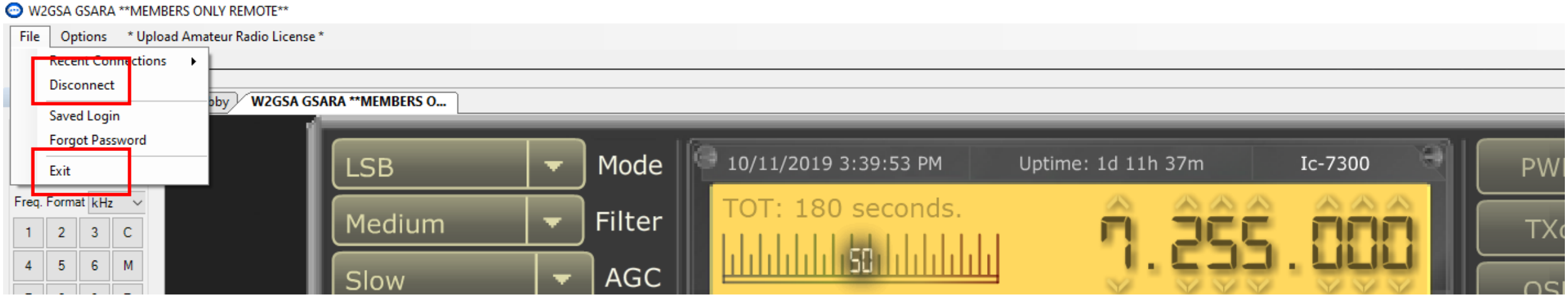

Mtr
od
lts
nts
CW
100 %
RF Power
100 %
RF Gain
9 %
Mic Gain
4
Comp Level
CARS - ecars7255.com
Open *

ults
nts
CW
4
24 WPM
CW Speed
CARS - ecars7255.com
Open *


Occasional red spike OK
Vol
Mic
LSB
Mode
Medium
Filter
Slow
AGC
Off
Pre Amp
Off
ATT
Mid
Tx BW
ALC
Tx Mtr
Normal
CW Method
10/9/2019 11:43:51 AM
Uptime: 3d 7h 42m
Ic-7300
TOT: 175 seconds.
ALC 95%
7.258.000
7.074.500
SPLIT
VFO A
VFO B
SCANNING
8 %
NB Level
22 %
NR Level
PWR
Test
Lock
TXd
Comp
ANF
QSK
Tune
ATU
NB
NR
VFO A
VFO B
A/B
Stop
Split
PB Clr

End Session

- When you have finished using the W2GSA remote, please click on the “**PWR**” button to turn off the radio.
- After confirming that the radio is off, click on “**File**”, then click “**Disconnect**”. This will return you to the “**Lobby**” list of remotes.
- To close the RCForb Client, click “**File**” , then click “**Exit**”.



Phase 2

- Those members who are interested in RH, please sign the registration sheet
- Call signs will be added to the RH Server as “Club Members” which will allow login but not transmission
- After a hands on orientation, Tx privileges will be granted by the Administrator

Some Important Notes

- Use your own call sign when operating NOT the club license
- The Grid Location for the remote is **FN20xa**
- Be mindful of the control operator and do not monopolize the system
- Server will disconnect after 1 hour of inactivity
- Three minute TOT has been implemented to ensure Part 97 compliance
- The GSARA RH Server Reboots every Sunday Mornings @ 4:00am
- Members are encouraged to turn OFF the radio when finished; however, the server will shutdown the radio if no user activity is detected as a safeguard to internet link loss

NOTE: At this point, you can also connect up to other “open” systems throughout the US and the rest of the world. You will need to contact the system administrator on these systems to request access.

It is up to the individual operator to stay within the privledges of their license class for operation within the ham bands.

Download
Register
Get On the Air

Enjoy using the W2GSA remote HF station

http://beta.remotehams.com/orb/RCForb_Client_Manual.pdf

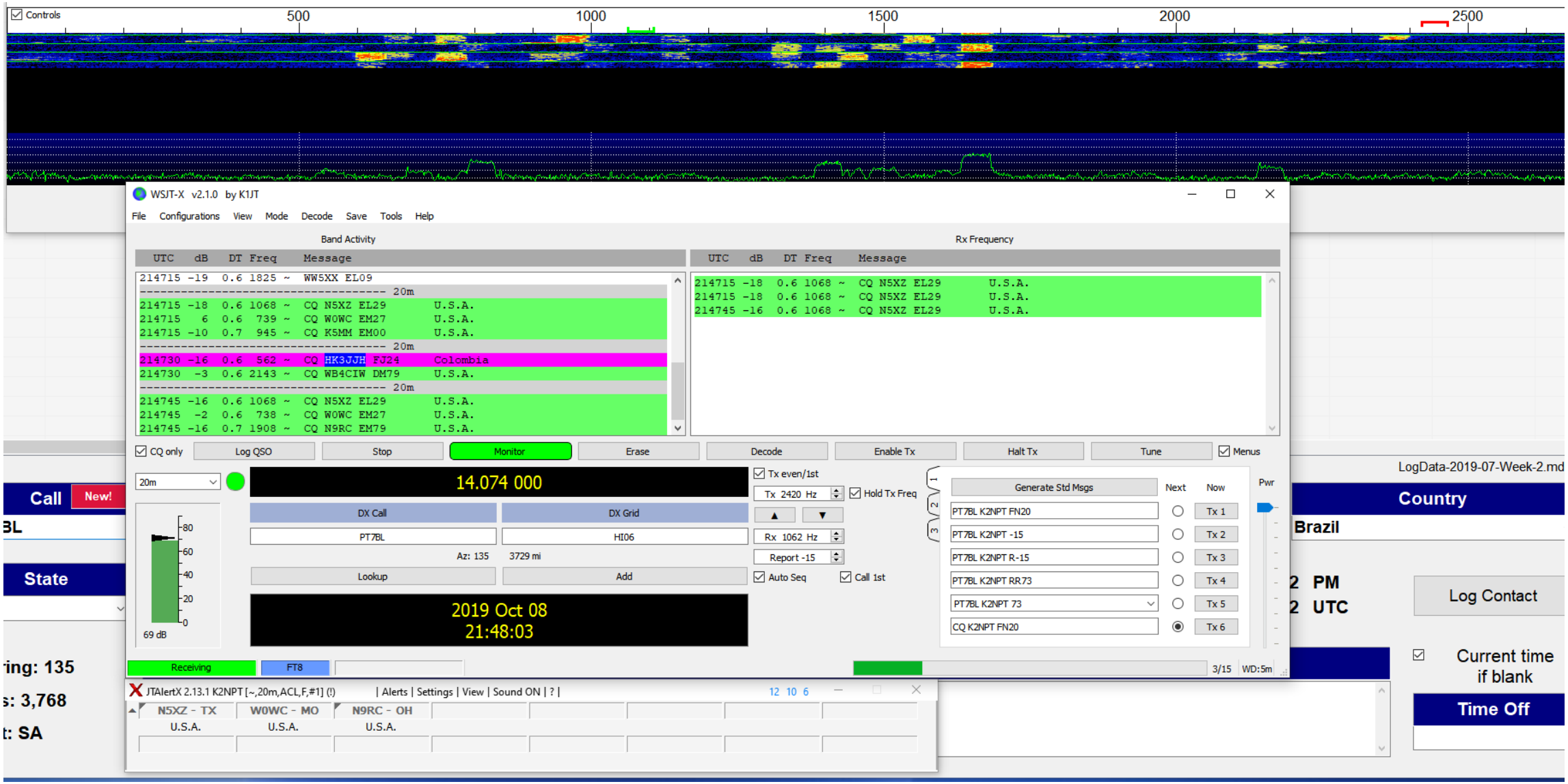
http://beta.remotehams.com/orb/RemoteHams_Getting_Started_K3_20151123.pdf

- http://www.remotehams.com/help.html
- http://www.remotehams.com/forums/

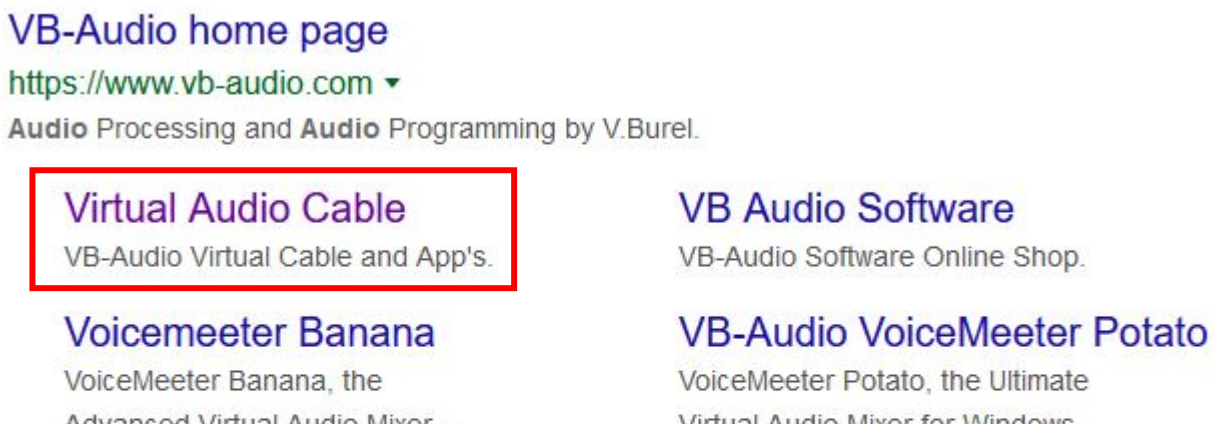
Questions

I
FT8

FT8


Controls
500
1000
1500
2000
2500
WSJT-X v2.1.0 by K1JT
File Configurations View Mode Decode Save Tools Help
Band Activity
UTC dB DT Freq Message
214715 -19 0.6 1825 ~ WW5XX EL09
---------- 20m
214715 -18 0.6 1068 ~ CQ N5XZ EL29 U.S.A.
214715 6 0.6 739 ~ CQ W0WC EM27 U.S.A.
214715 -10 0.7 945 ~ CQ K5MM EM00 U.S.A.
---------- 20m
214730 -16 0.6 562 ~ CQ HK3JJH FJ24 Colombia
214730 -3 0.6 2143 ~ CQ WB4CIW DM79 U.S.A.
---------- 20m
214745 -16 0.6 1068 ~ CQ N5XZ EL29 U.S.A.
214745 -2 0.6 738 ~ CQ W0WC EM27 U.S.A.
214745 -16 0.7 1908 ~ CQ N9RC EM79 U.S.A.
Rx Frequency
UTC dB DT Freq Message
214715 -18 0.6 1068 ~ CQ N5XZ EL29 U.S.A.
214715 -18 0.6 1068 ~ CQ N5XZ EL29 U.S.A.
214745 -16 0.6 1068 ~ CQ N5XZ EL29 U.S.A.
CQ only
Log QSO
Stop
Monitor
Erase
Decode
Enable Tx
Halt Tx
Tune
Menus
20m
14.074 000
Tx even/1st
Tx 2420 Hz
Hold Tx Freq
DX Call
DX Grid
PT7BL
HI06
Rx 1062 Hz
Az: 135
3729 mi
Report -15
Lookup
Add
Auto Seq
Call 1st
2019 Oct 08
21:48:03
69 dB
Generate Std Msgs
Next
Now
Pwr
PT7BL K2NPT FN20
PT7BL K2NPT -15
PT7BL K2NPT R-15
PT7BL K2NPT RR73
PT7BL K2NPT 73
CQ K2NPT FN20
Tx 1
Tx 2
Tx 3
Tx 4
Tx 5
Tx 6
Receiving
FT8
3/15
WD:5m
JTAlertX 2.13.1 K2NPT [~,20m,ACL,F,#1] (!)
| Alerts | Settings | View | Sound ON | ? |
12 10 6
N5XZ - TX
W0WC - MO
N9RC - OH
U.S.A.
U.S.A.
U.S.A.
Call
New!
State
ing: 135
s: 3,768
t: SA
LogData-2019-07-Week-2.md
Country
Brazil
2 PM
2 UTC
Log Contact
Current time
if blank
Time Off

Download Virtual Cable



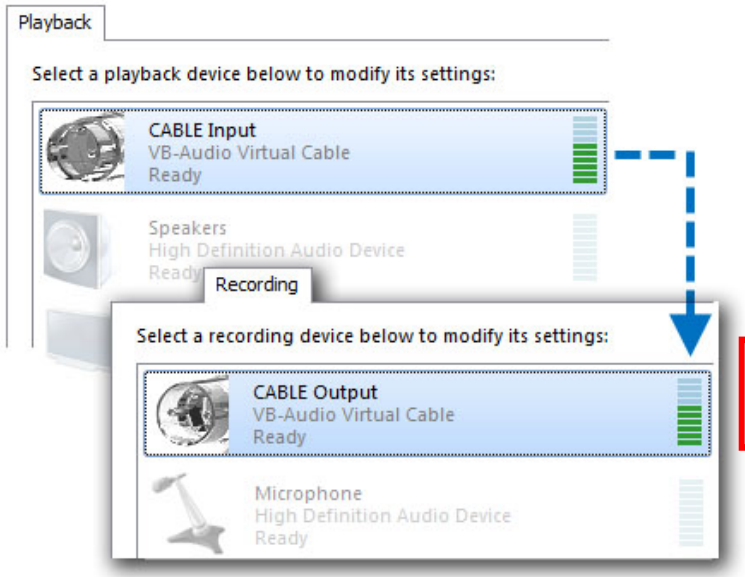
https://www.vb-audio.com/Cable/

VB-AUDIO Software

Audio Mechanic & Sound Breeder

Home | Audio Apps | Audio Pro | Support | Donate | WebShop

Virtual Audio Cable | Voicemeeter | Banana | Potato | VBAN | Spectralissime



VB-CABLE Virtual Audio Device.

VB-CABLE is a virtual audio device working as virtual audio cable. All audio signals coming in the CABLE input is transported to the CABLE output. Then It becomes simple to make computer audio recording or to connect a player application to a recorder one.

Install VB-CABLE Driver (Donationware)

Virtual Audio MME, DX, KS, WDM Device Driver (XP to WIN10 32/64 bits)

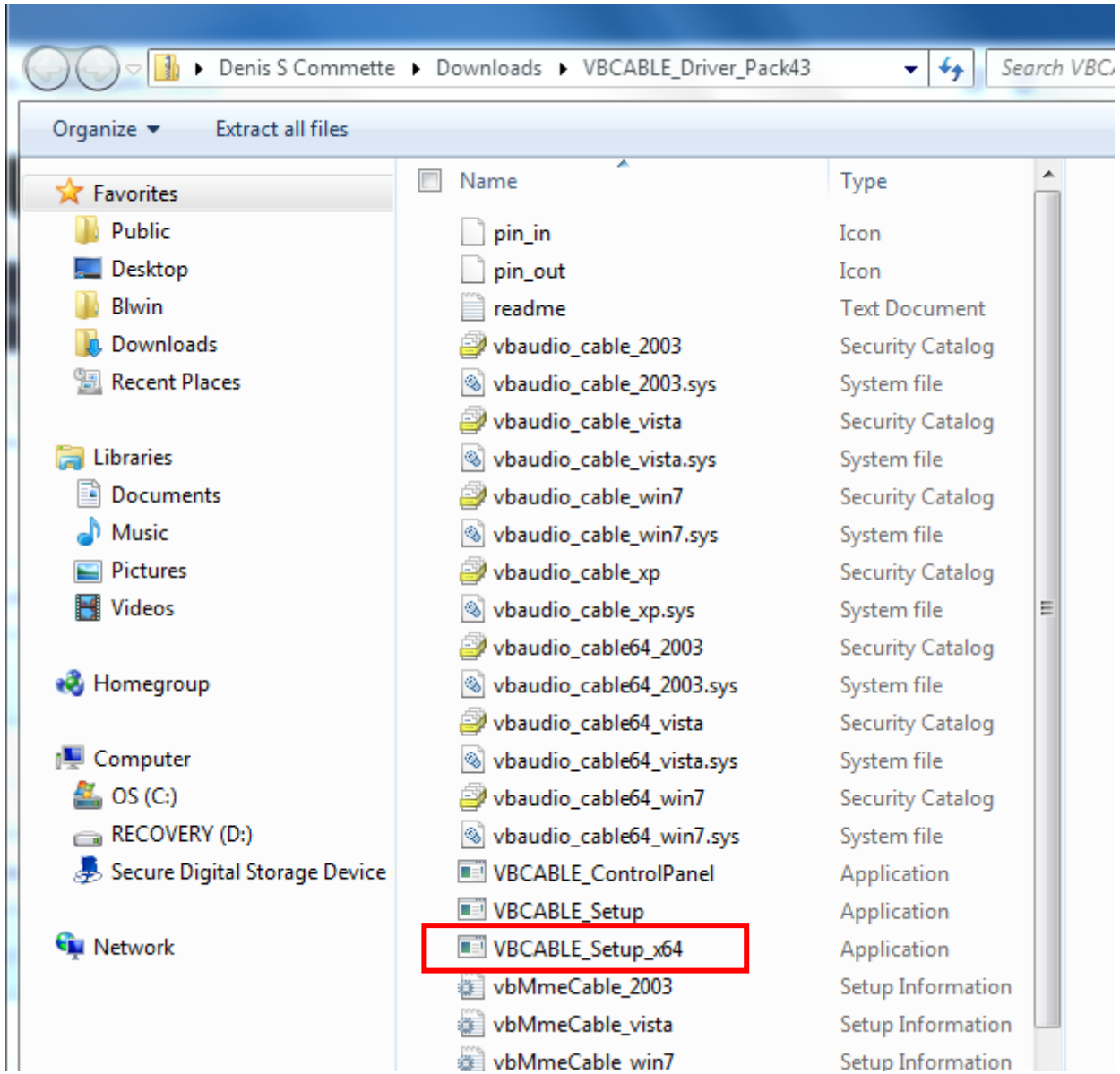
Download VBCABLE_Driver_Pack43.zip (1.09 MB - OCT 2015)

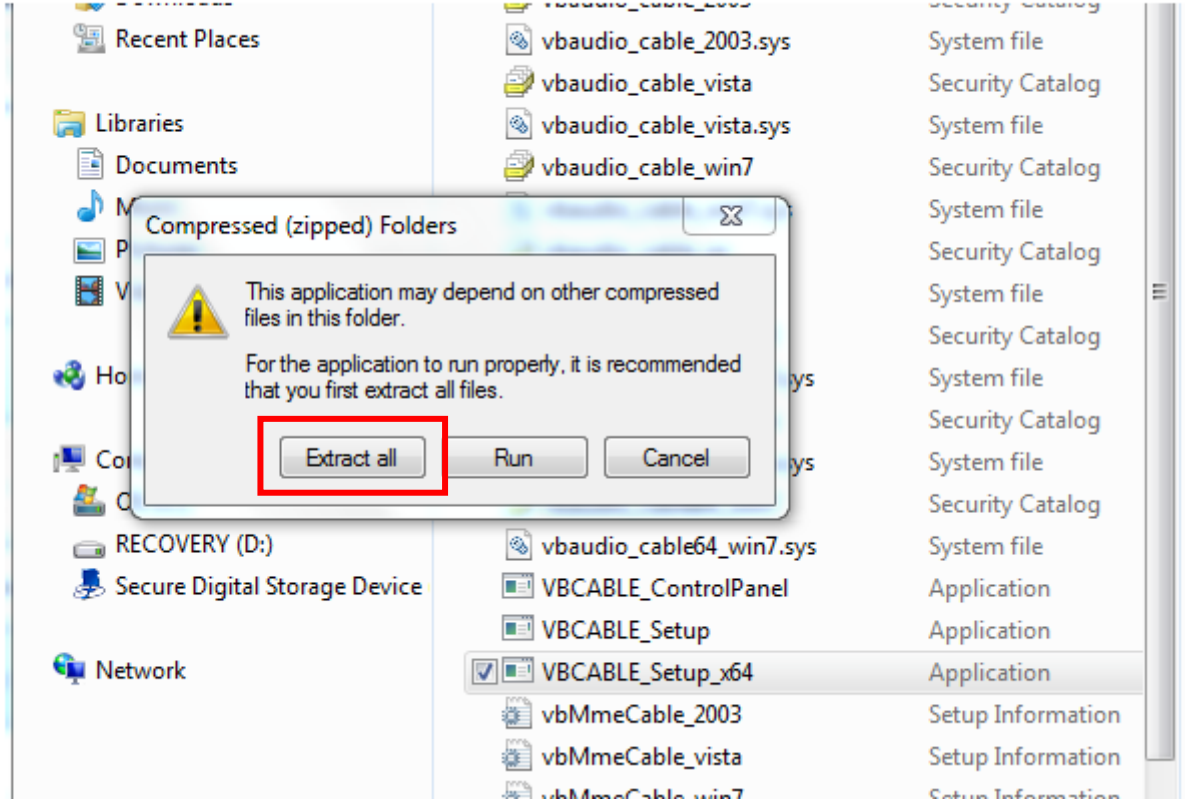
Click Here to download from alternative web site.

INSTALLATION: Extract all files from the ZIP and run Setup Program in Administrator Mode (Reboot after installation or de-installation).

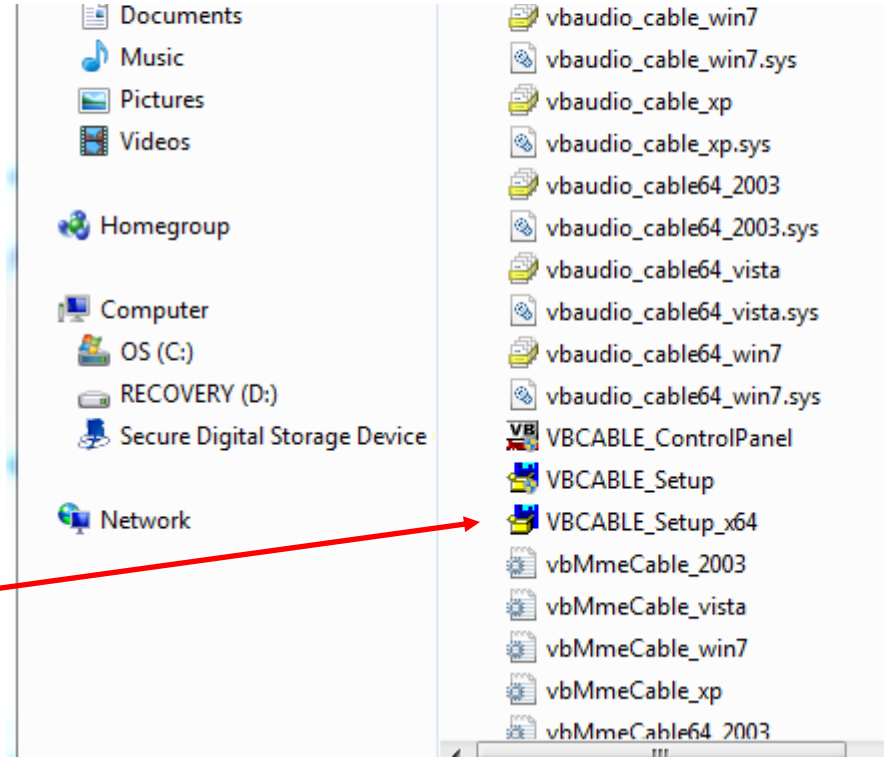
If you find VB-CABLE useful, you can donate and get two other Virtual Audio Devices: VB-CABLE A+B or VB-CABLE C+D.

VB-CABLE is a Donationware (not a freeware), for Volume Licensing / special deals, especially for company deployment or commercial distribution, you may contact us to get quotation / agreement.
Get more info about Volume Licensing...


Denis S Commette ▸ Downloads ▸ VBCABLE_Driver_Pack43
Search VBC
Organize
Extract all files
Favorites
Public
Desktop
Blwin
Downloads
Recent Places
Libraries
Documents
Music
Pictures
Videos
Homegroup
Computer
OS (C:)
RECOVERY (D:)
Secure Digital Storage Device
Network
Name
Type
pin_in
Icon
pin_out
Icon
readme
Text Document
vbaudio_cable_2003
Security Catalog
vbaudio_cable_2003.sys
System file
vbaudio_cable_vista
Security Catalog
vbaudio_cable_vista.sys
System file
vbaudio_cable_win7
Security Catalog
vbaudio_cable_win7.sys
System file
vbaudio_cable_xp
Security Catalog
vbaudio_cable_xp.sys
System file
vbaudio_cable64_2003
Security Catalog
vbaudio_cable64_2003.sys
System file
vbaudio_cable64_vista
Security Catalog
vbaudio_cable64_vista.sys
System file
vbaudio_cable64_win7
Security Catalog
vbaudio_cable64_win7.sys
System file
VBCABLE_ControlPanel
Application
VBCABLE_Setup
Application
VBCABLE_Setup_x64
Application
vbMmeCable_2003
Setup Information
vbMmeCable_vista
Setup Information
vbMmeCable_win7
Setup Information

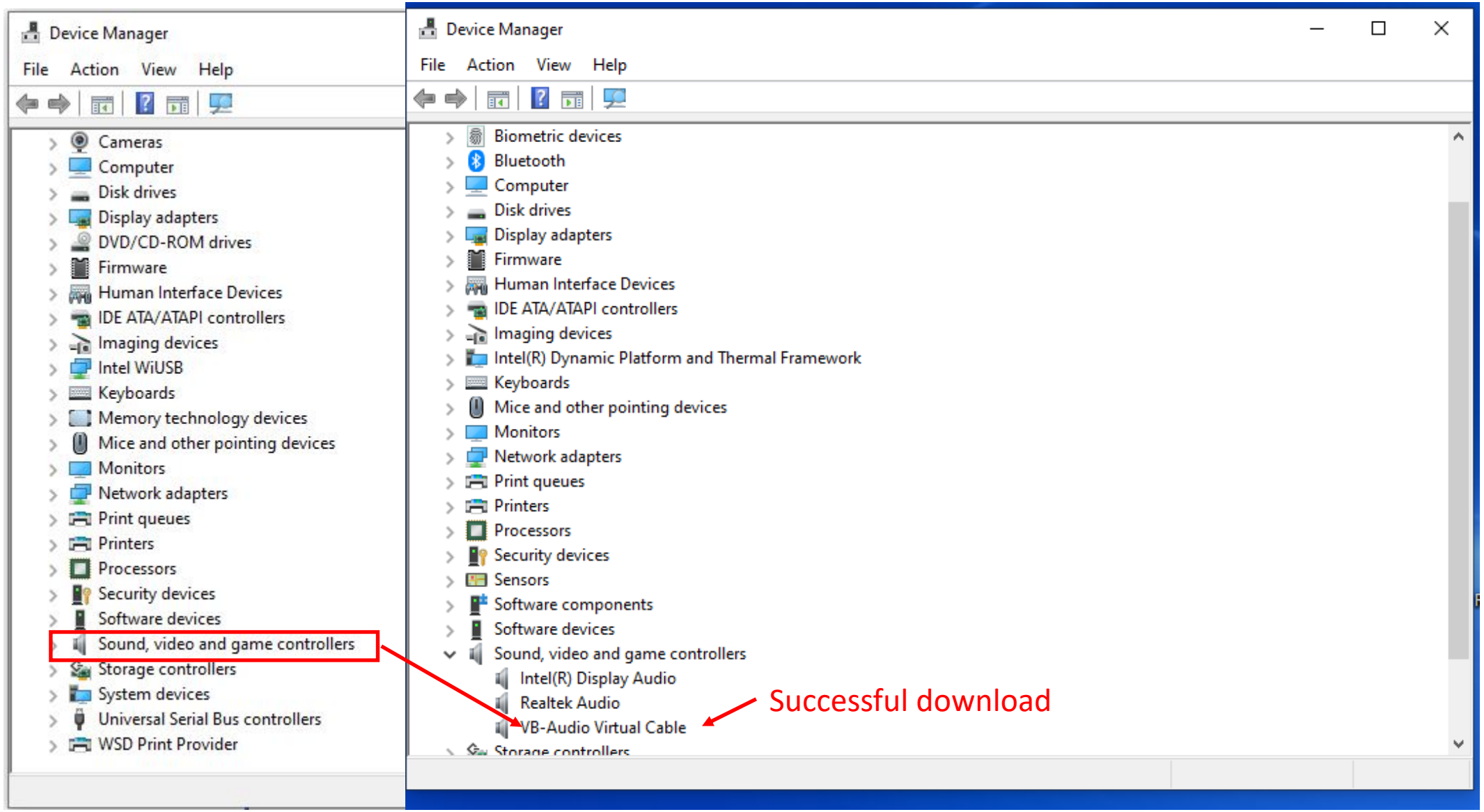


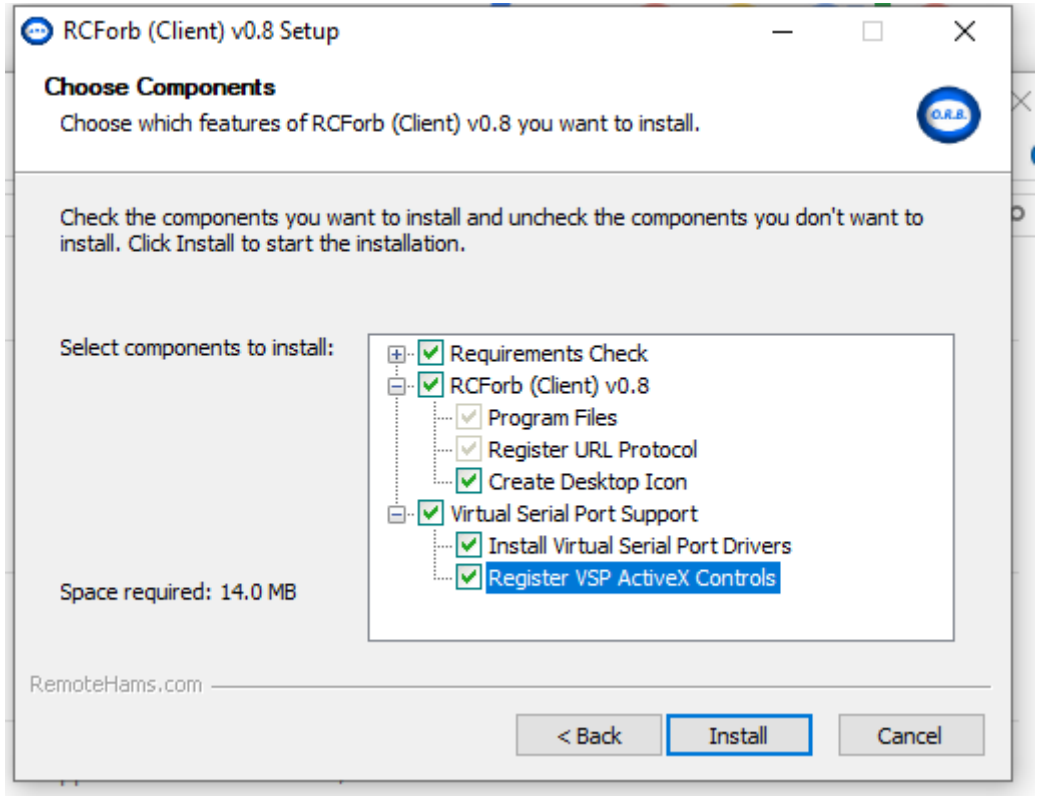
Right click, run as administrator

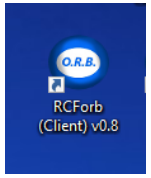


VB-Audio Virtual Cable Driver Installation (Version 1.0.3.8)
VB-Audio Virtual Cable
Programming:
Vincent Burel
& Jean-Sylvain Loezic
www.vb-cable.com
O/S: > WIN7
Ready to install ? Click the button right there...
it will install VB-Audio Virtual Cable on your system...
Install Driver
Reboot

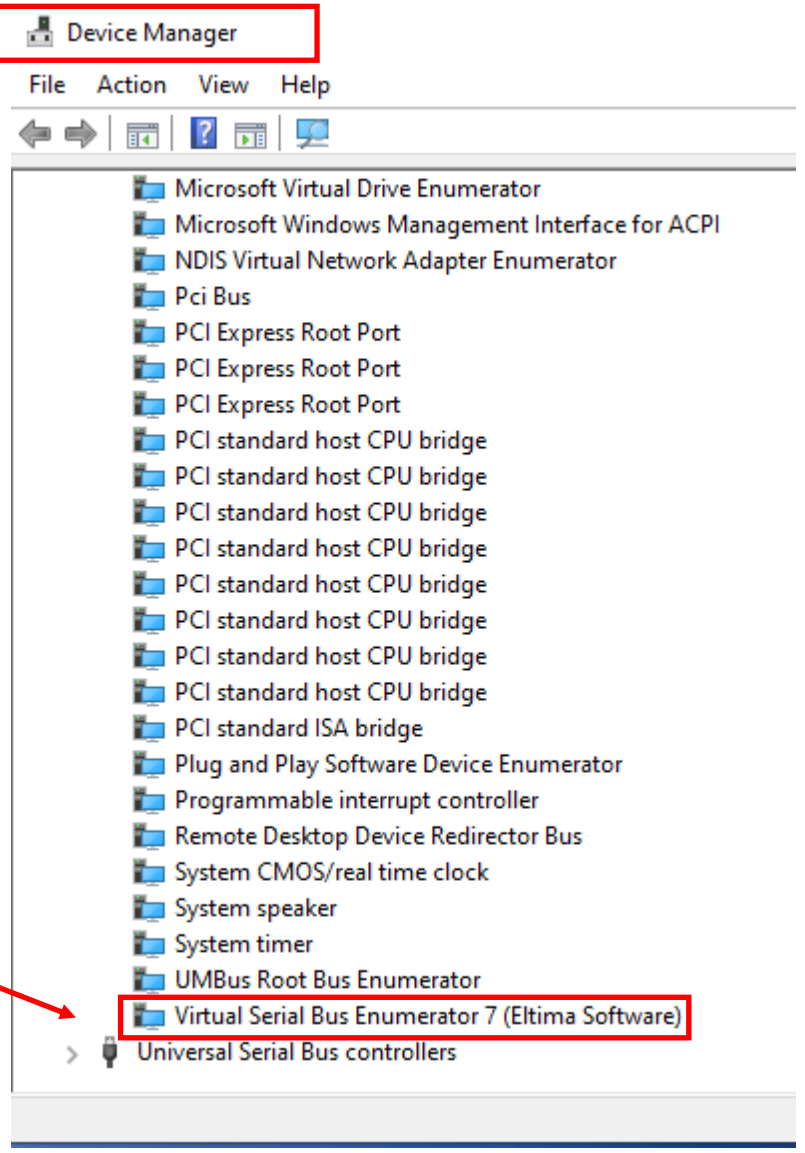
PC Device Manager







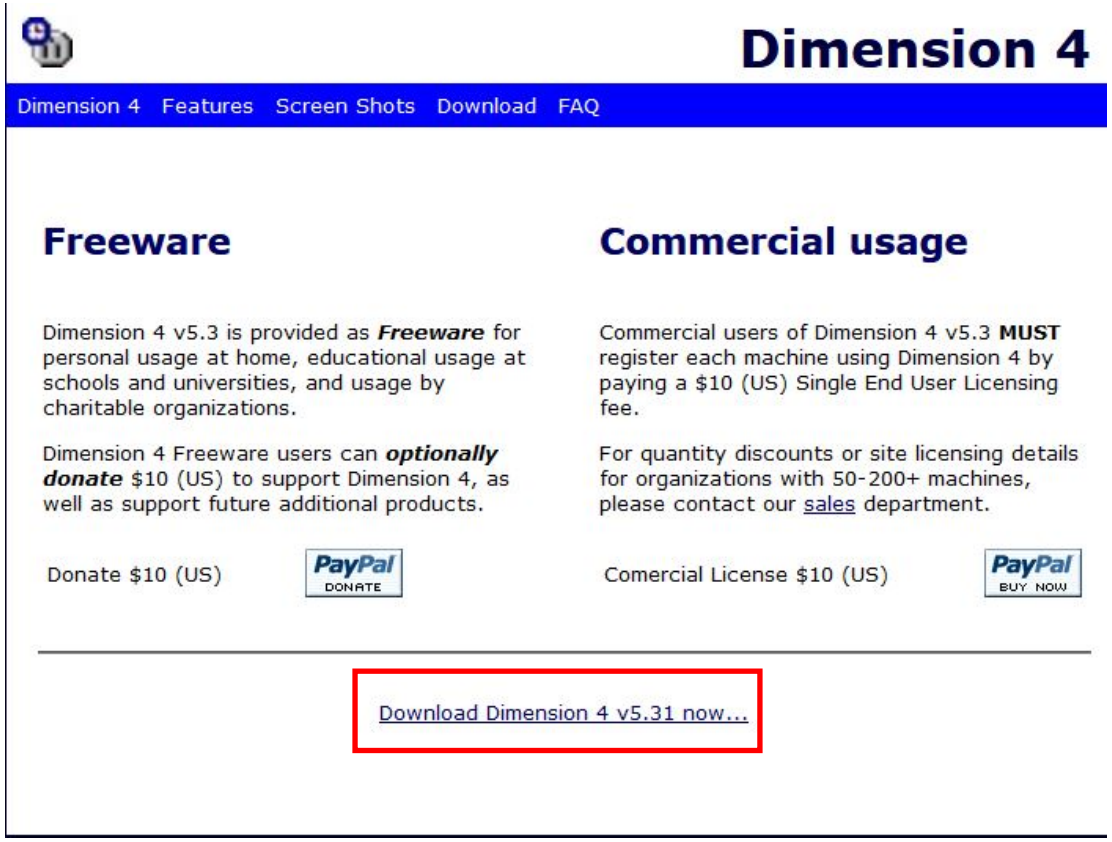
Successful download



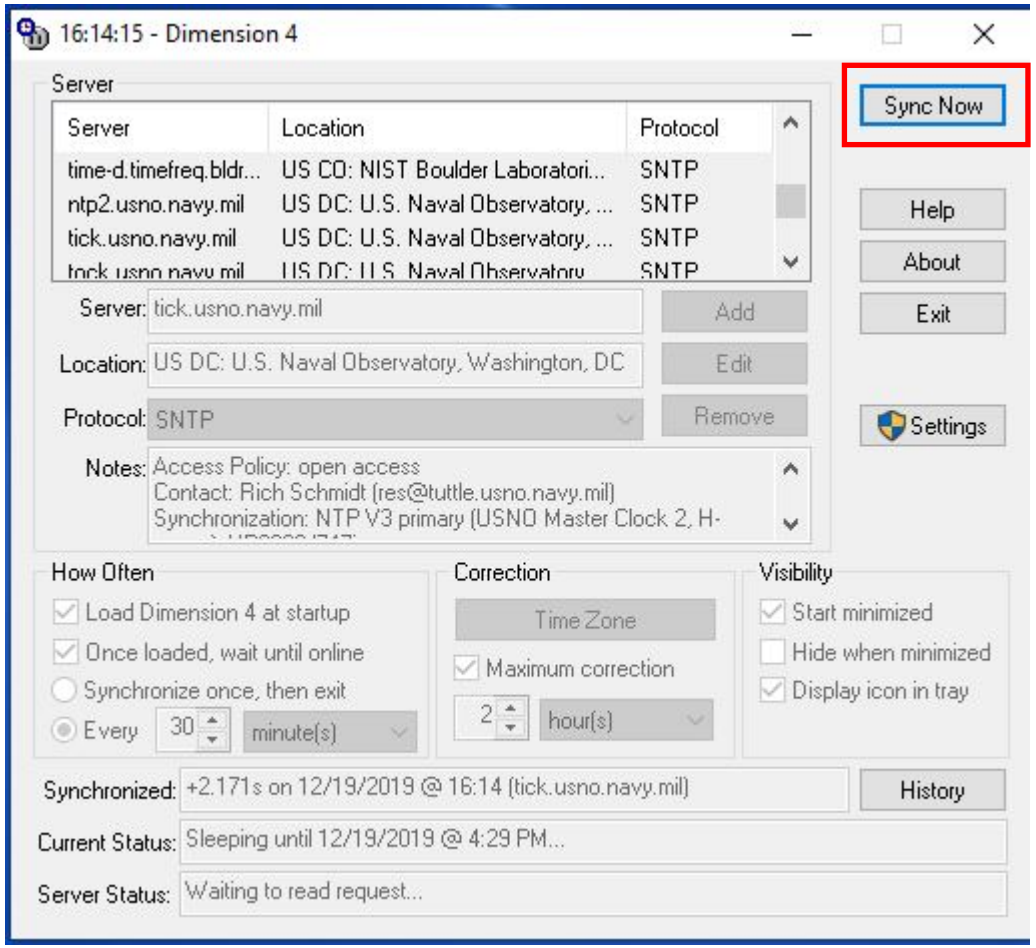
Accurate Time

To operate FT8, you need to be aware of the necessity for accurate and ongoing time sync for your computer. FT8 is VERY sensitive to timing and thus, time syncing is paramount.

http://www.thinkman.com/dimension4/download.htm



Start Dimension4 and press Sync



https://time.is/

TIME.IS

Your time is exact!

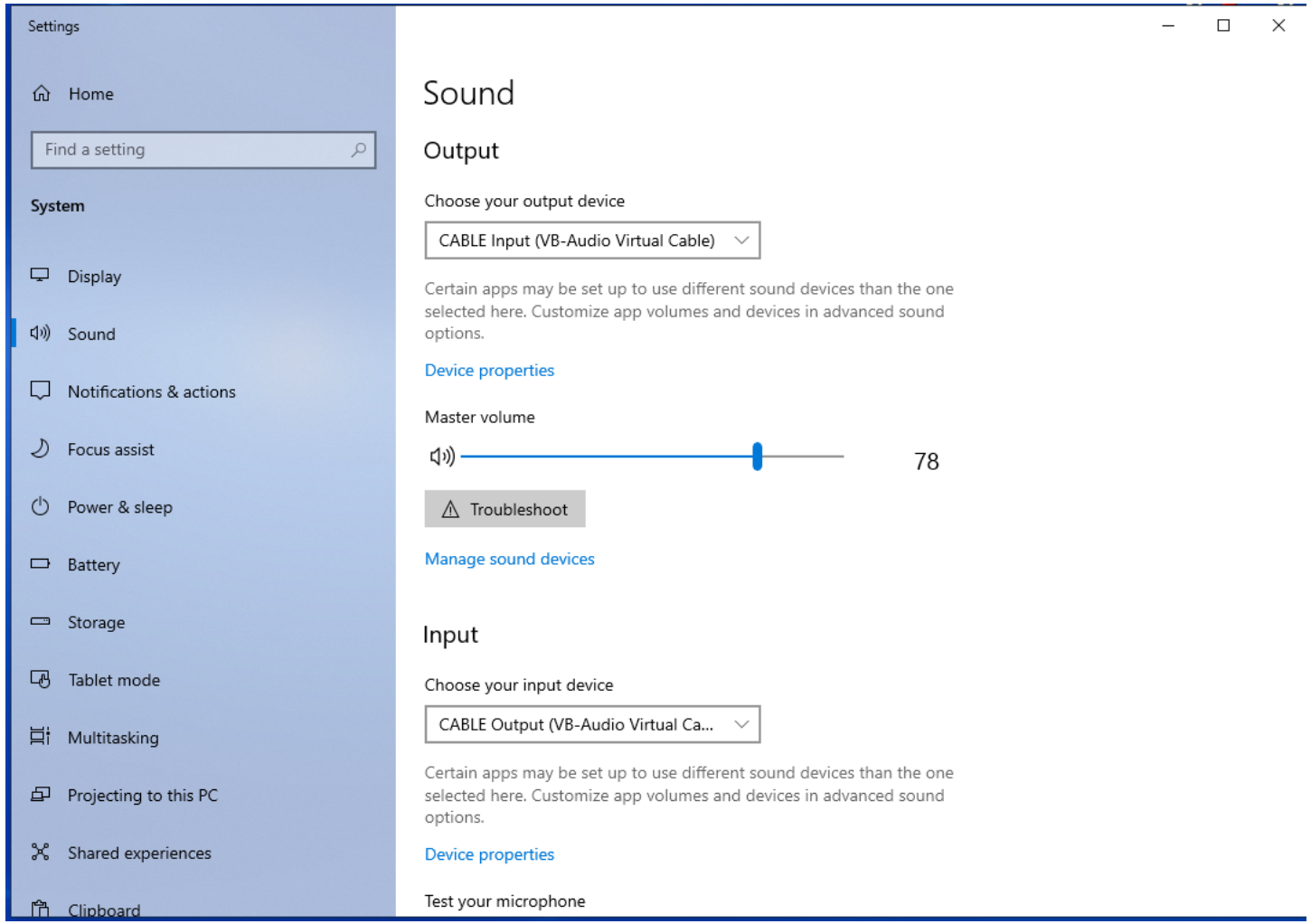
The difference from Time.is was -0.009 seconds (±0.007 seconds).
Time in Ocean County, New Jersey, United States now:

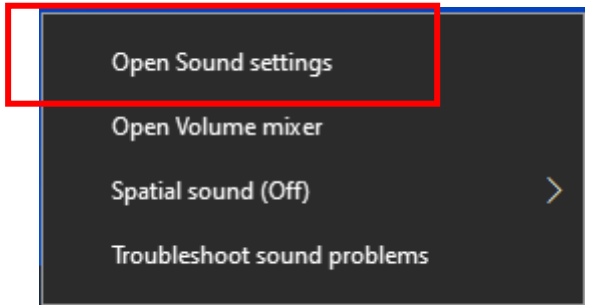
04:18:58pm

Thursday, December 19, 2019

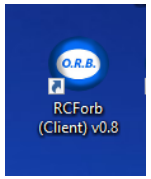
Sun: ↑ 07:14AM ↓ 04:34PM (9h 21m) More info

Los Angeles	New York	London	Paris	Moscow	Beijing	Tokyo
01:18pm	04:18pm	09:18pm	10:18pm	12:18am	05:18am	06:18am

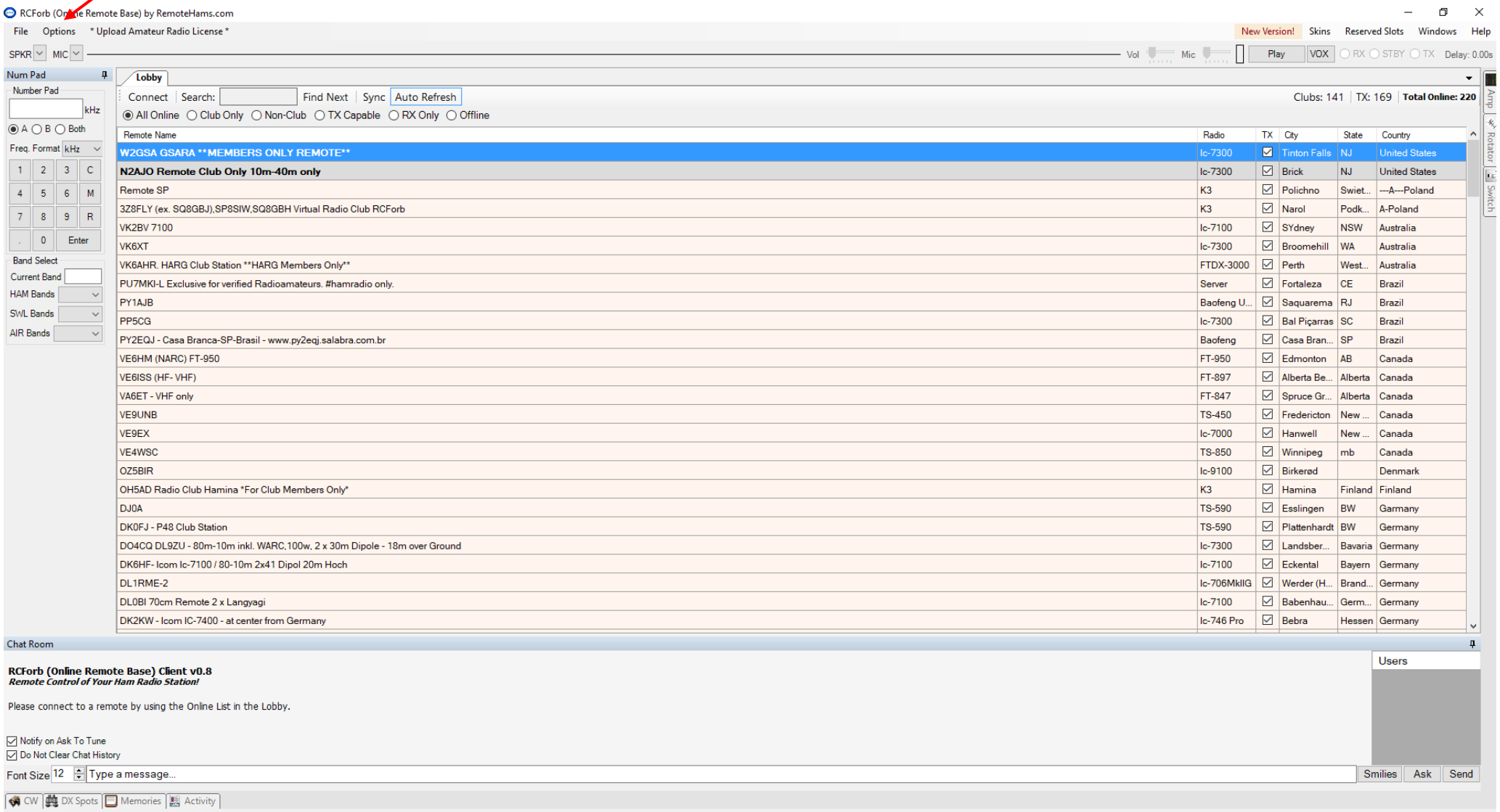

Settings
Home
Find a setting
System
Display
Sound
Notifications & actions
Focus assist
Power & sleep
Battery
Storage
Tablet mode
Multitasking
Projecting to this PC
Shared experiences
Clipboard
Sound
Output
Choose your output device
CABLE Input (VB-Audio Virtual Cable)
Certain apps may be set up to use different sound devices than the one selected here. Customize app volumes and devices in advanced sound options.
Device properties
Master volume
78
Troubleshoot
Manage sound devices
Input
Choose your input device
CABLE Output (VB-Audio Virtual Ca...
Certain apps may be set up to use different sound devices than the one selected here. Customize app volumes and devices in advanced sound options.
Device properties
Test your microphone

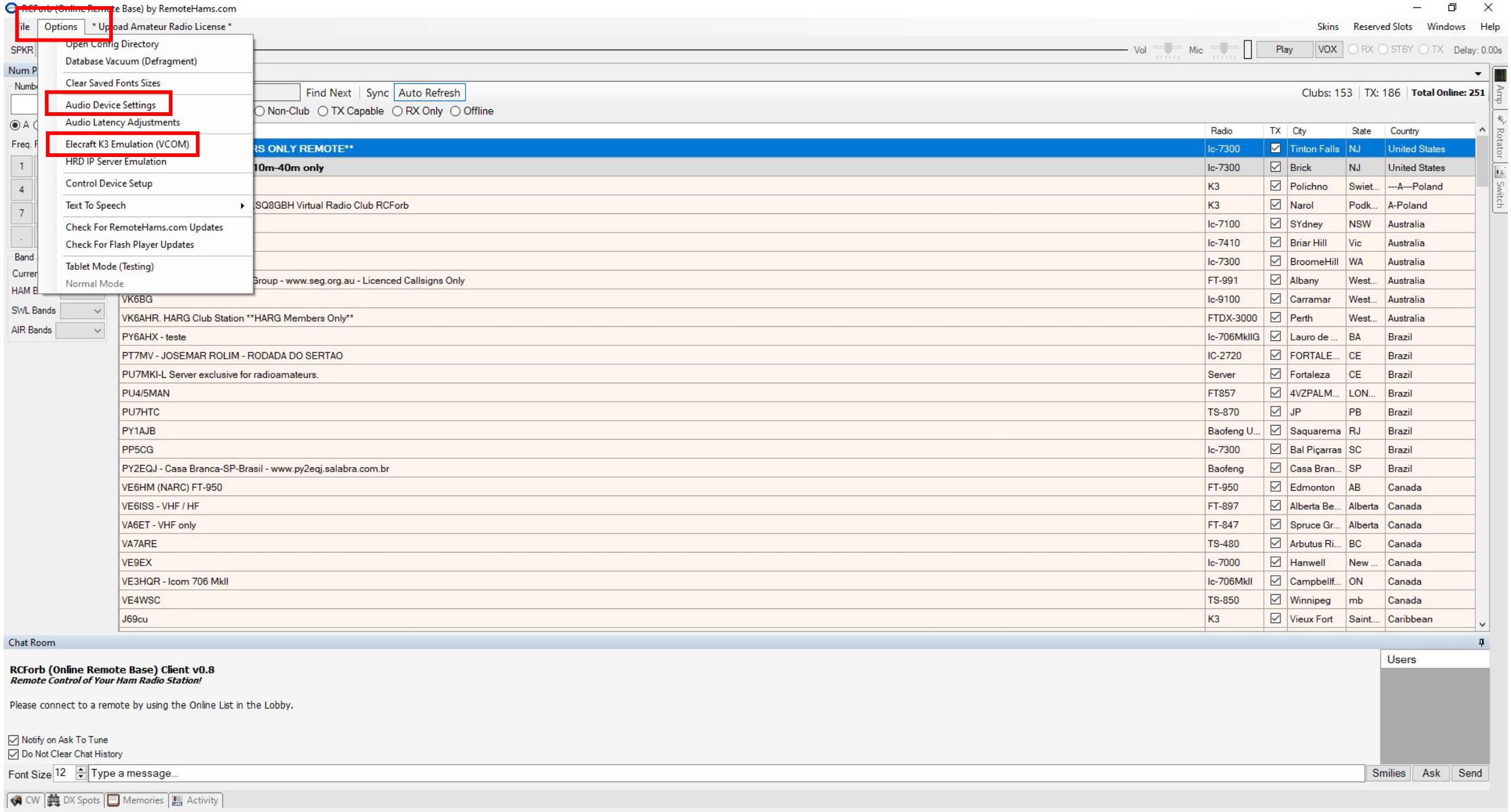

Open Sound settings
Open Volume mixer
Spatial sound (Off)
Troubleshoot sound problems

Configure RemoteHam for FT8

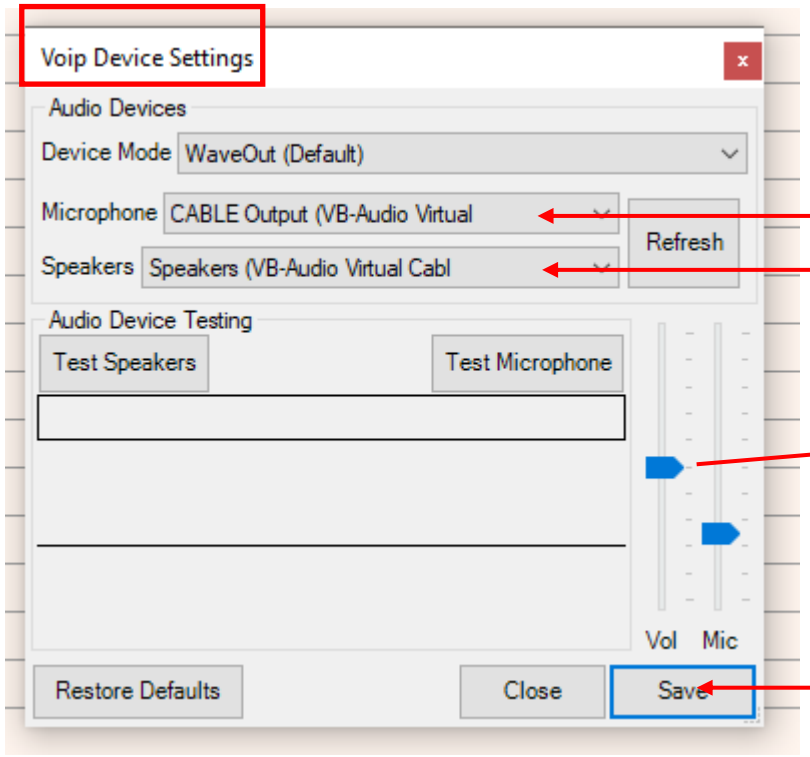


Select options tab




RCForb (Online Remote Base) by RemoteHams.com
File
Options
* Upload Amateur Radio License *
Skins
Reserved Slots
Windows
Help
Open Config Directory
Database Vacuum (Defragment)
Clear Saved Fonts Sizes
Audio Device Settings
Audio Latency Adjustments
Elecraft K3 Emulation (VCOM)
HRD IP Server Emulation
Control Device Setup
Text To Speech
Check For RemoteHams.com Updates
Check For Flash Player Updates
Tablet Mode (Testing)
Normal Mode
SPKR
Vol
Mic
Play
VOX
RX
STBY
TX
Delay: 0.00s
Num P
Find Next
Sync
Auto Refresh
Clubs: 153
TX: 186
Total Online: 251
Non-Club
TX Capable
RX Only
Offline
Band
SWL Bands
AIR Bands
Amp
Rotator
Switch
Radio
TX
City
State
Country
RS ONLY REMOTE**
Ic-7300
Tinton Falls
NJ
United States
10m-40m only
Ic-7300
Brick
NJ
United States
K3
Polichno
Swiet...
---A---Poland
SQ8GBH Virtual Radio Club RCForb
K3
Narol
Podk...
A-Poland
Ic-7100
SYdney
NSW
Australia
Ic-7410
Briar Hill
Vic
Australia
Ic-7300
BroomeHill
WA
Australia
Group - www.seg.org.au - Licenced Callsigns Only
FT-991
Albany
West...
Australia
VK6BG
Ic-9100
Carramar
West...
Australia
VK6AHR. HARG Club Station **HARG Members Only**
FTDX-3000
Perth
West...
Australia
PY6AHX - teste
Ic-706MkIIG
Lauro de ...
BA
Brazil
PT7MV - JOSEMAR ROLIM - RODADA DO SERTAO
IC-2720
FORTALE...
CE
Brazil
PU7MKI-L Server exclusive for radioamateurs.
Server
Fortaleza
CE
Brazil
PU4/5MAN
FT857
4VZPALM...
LON...
Brazil
PU7HTC
TS-870
JP
PB
Brazil
PY1AJB
Baofeng U...
Saquarema
RJ
Brazil
PP5CG
Ic-7300
Bal Piçarras
SC
Brazil
PY2EQJ - Casa Branca-SP-Brasil - www.py2eqj.salabra.com.br
Baofeng
Casa Bran...
SP
Brazil
VE6HM (NARC) FT-950
FT-950
Edmonton
AB
Canada
VE6ISS - VHF / HF
FT-897
Alberta Be...
Alberta
Canada
VA6ET - VHF only
FT-847
Spruce Gr...
Alberta
Canada
VA7ARE
TS-480
Arbutus Ri...
BC
Canada
VE9EX
Ic-7000
Hanwell
New ...
Canada
VE3HQR - Icom 706 MkII
Ic-706MkII
Campbellf...
ON
Canada
VE4WSC
TS-850
Winnipeg
mb
Canada
J69cu
K3
Vieux Fort
Saint...
Caribbean
Chat Room
RCForb (Online Remote Base) Client v0.8
Remote Control of Your Ham Radio Station!
Please connect to a remote by using the Online List in the Lobby.
Users
Notify on Ask To Tune
Do Not Clear Chat History
Font Size
Type a message...
Smilies
Ask
Send
CW
DX Spots
Memories
Activity
Type here to search
12:02
10/22/2019

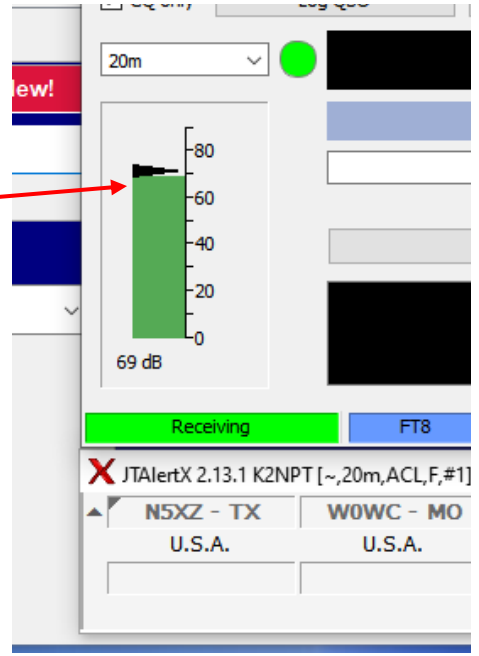
From Options drop down menu, select audio device settings



Select VB-Audio Virtual

Select VB-Audio Virtual

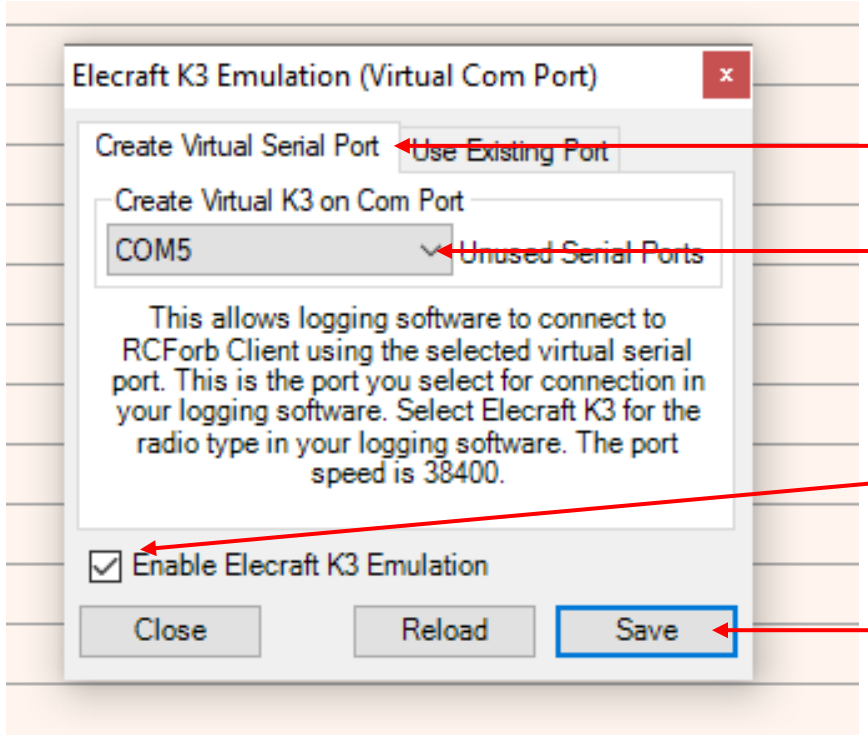
RF Gain 40-80 db



Click Save

NOTE: Microphone and Speaker drop down menus must be reset to return to phone operation

From Options drop down menu select, Elecraft K3 Emulation (VCOM)



Select this tab

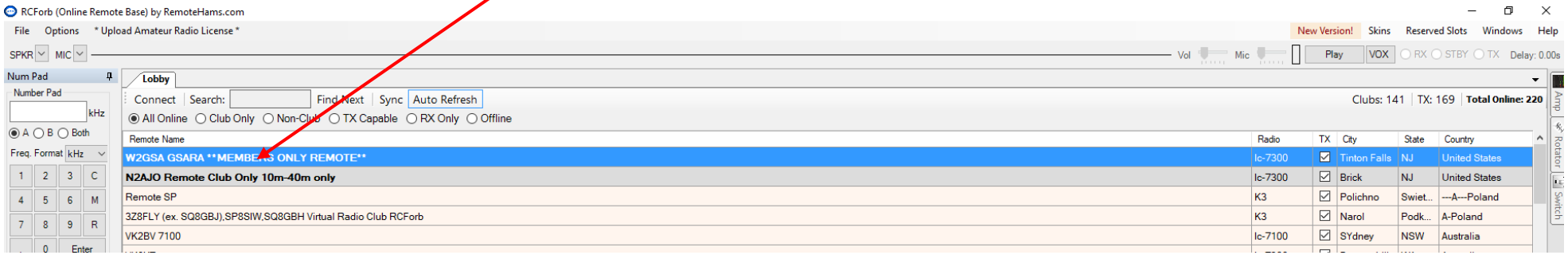
From drop down menu select an unused COM Port (suggest port 5 for standardization)

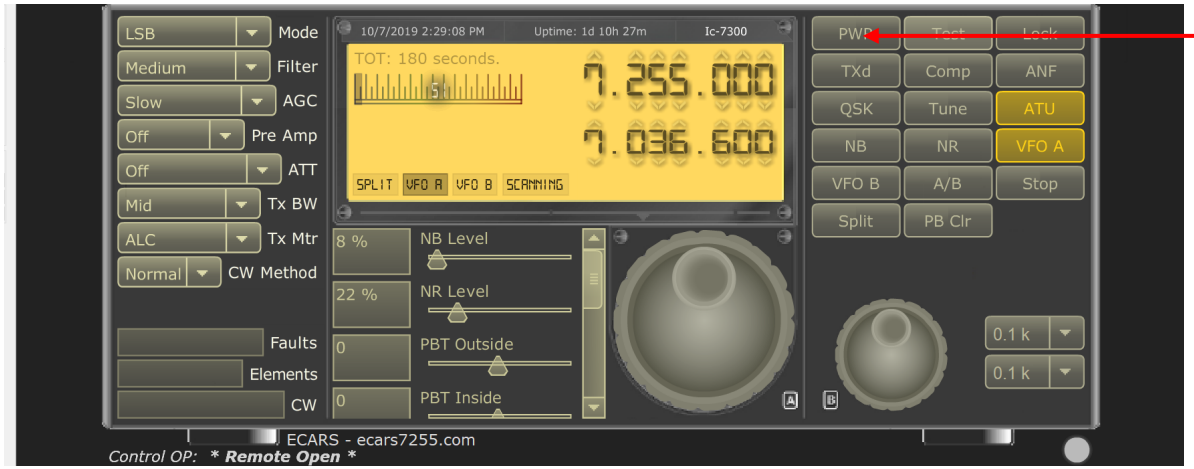
Check this box

Click Save

Step 4

Double click on W2GSA to start client connection



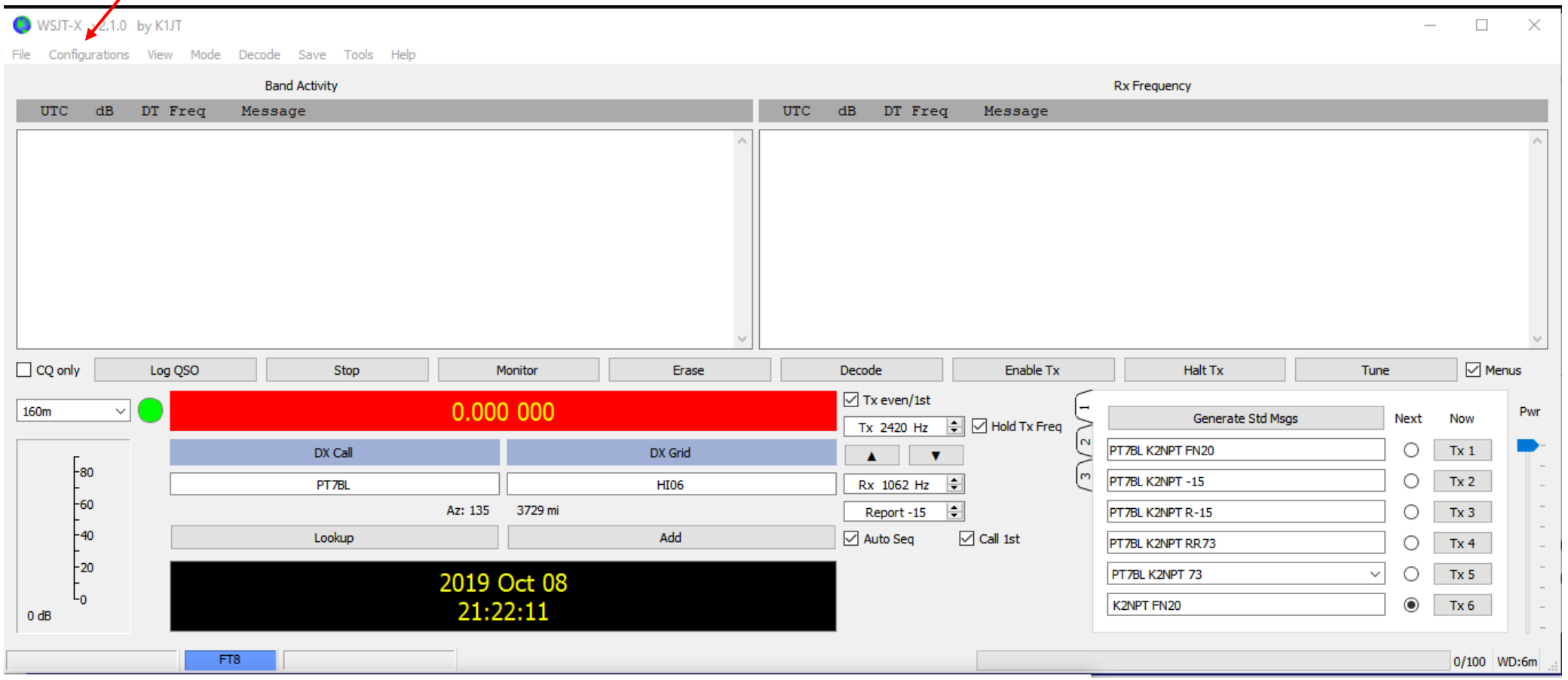


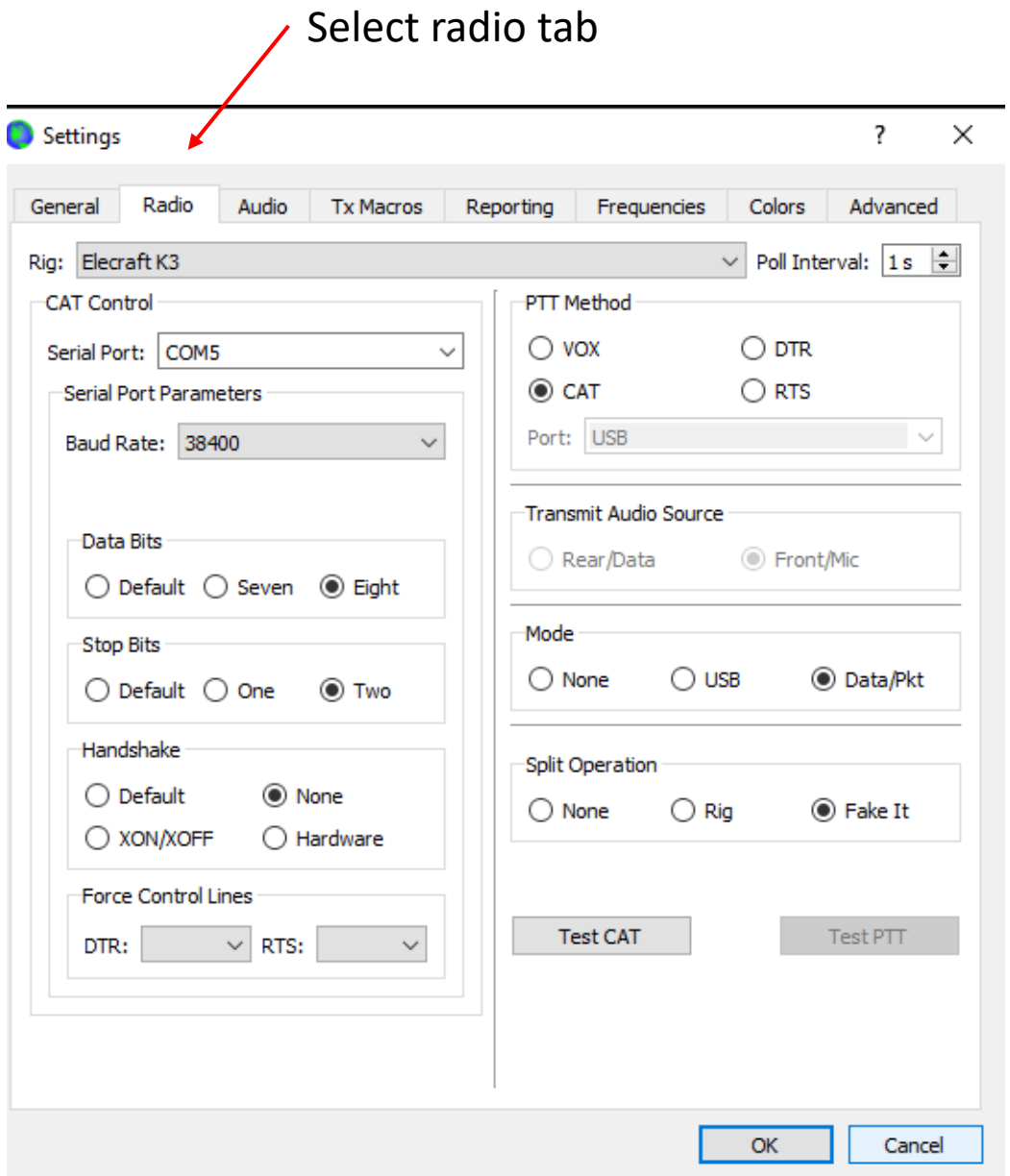
Click on PWR Button

USB for Digital

80m
20m
17m
15m

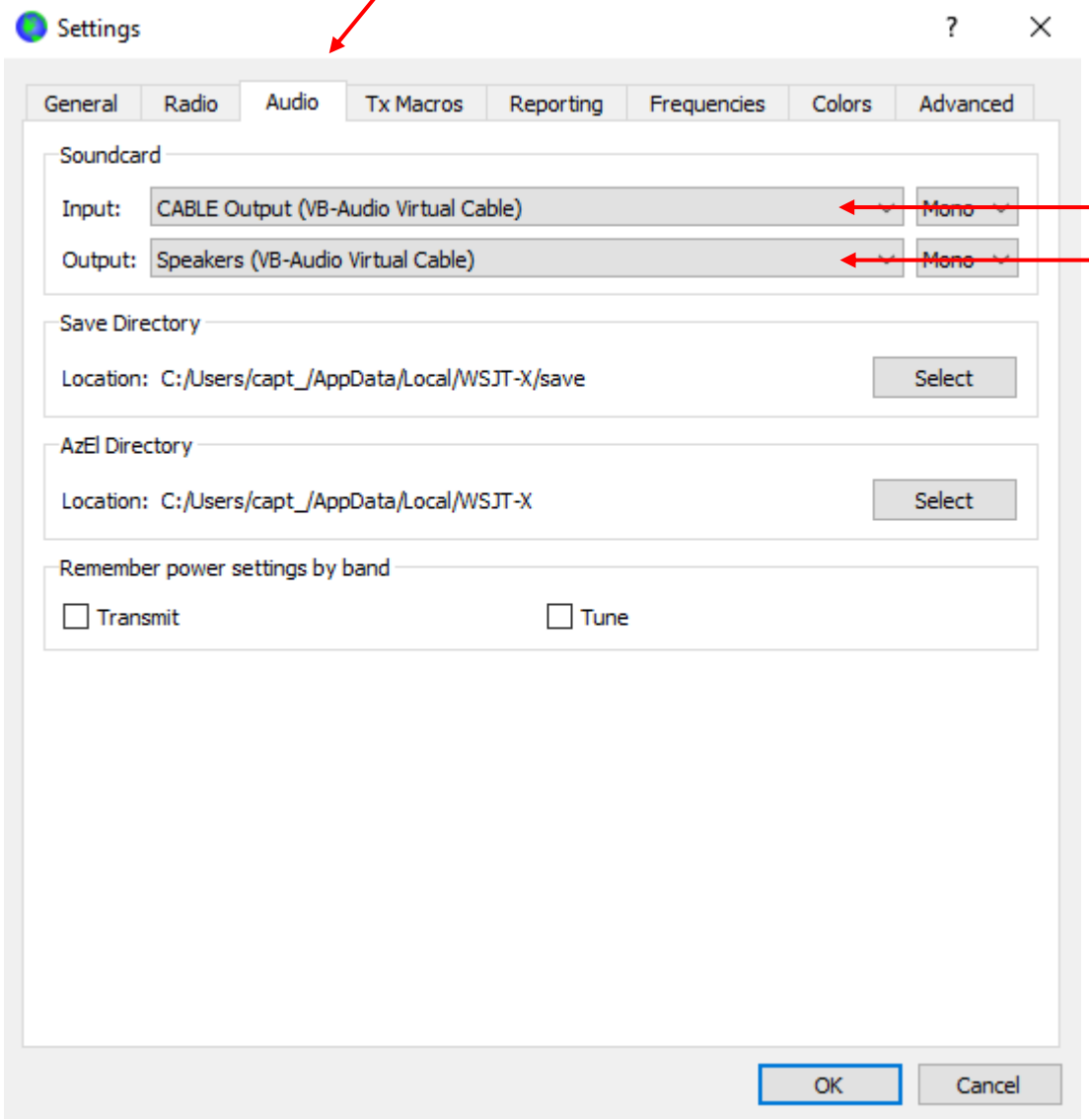
Select configurations tab





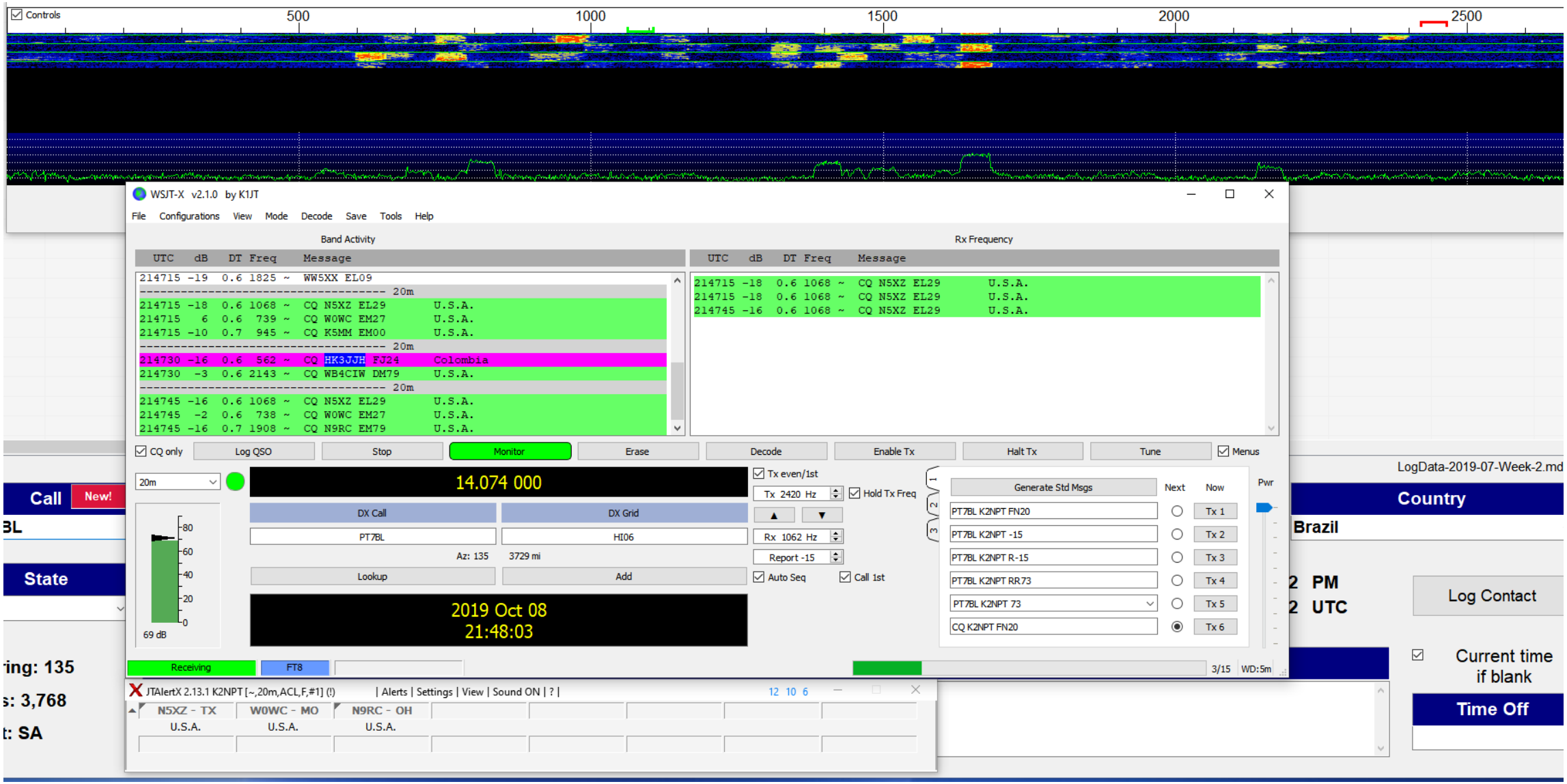
- Duplicate these settings
- Click OK

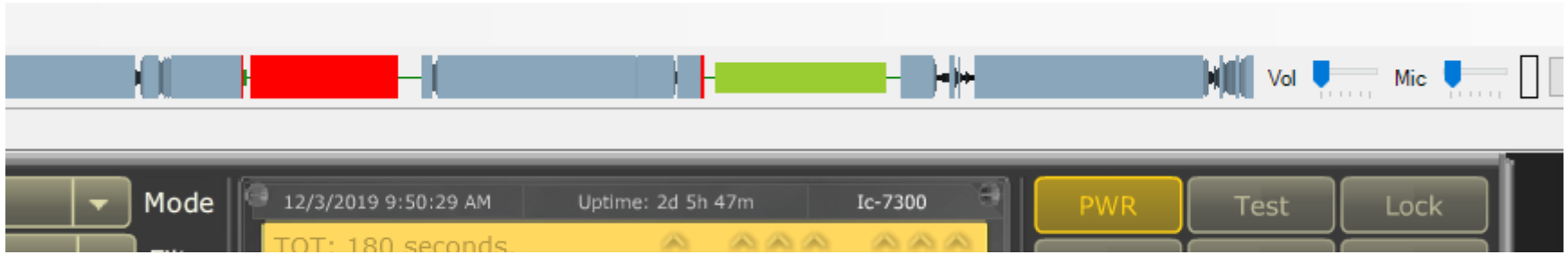
Select audio tab

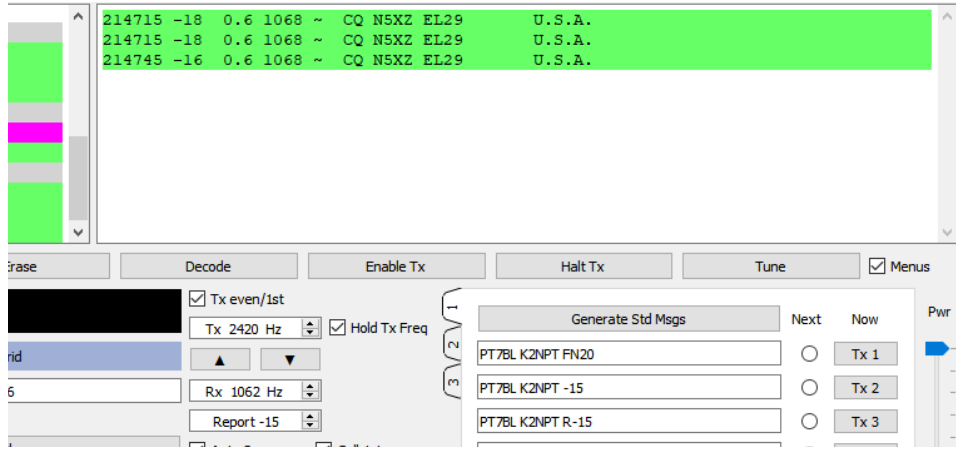


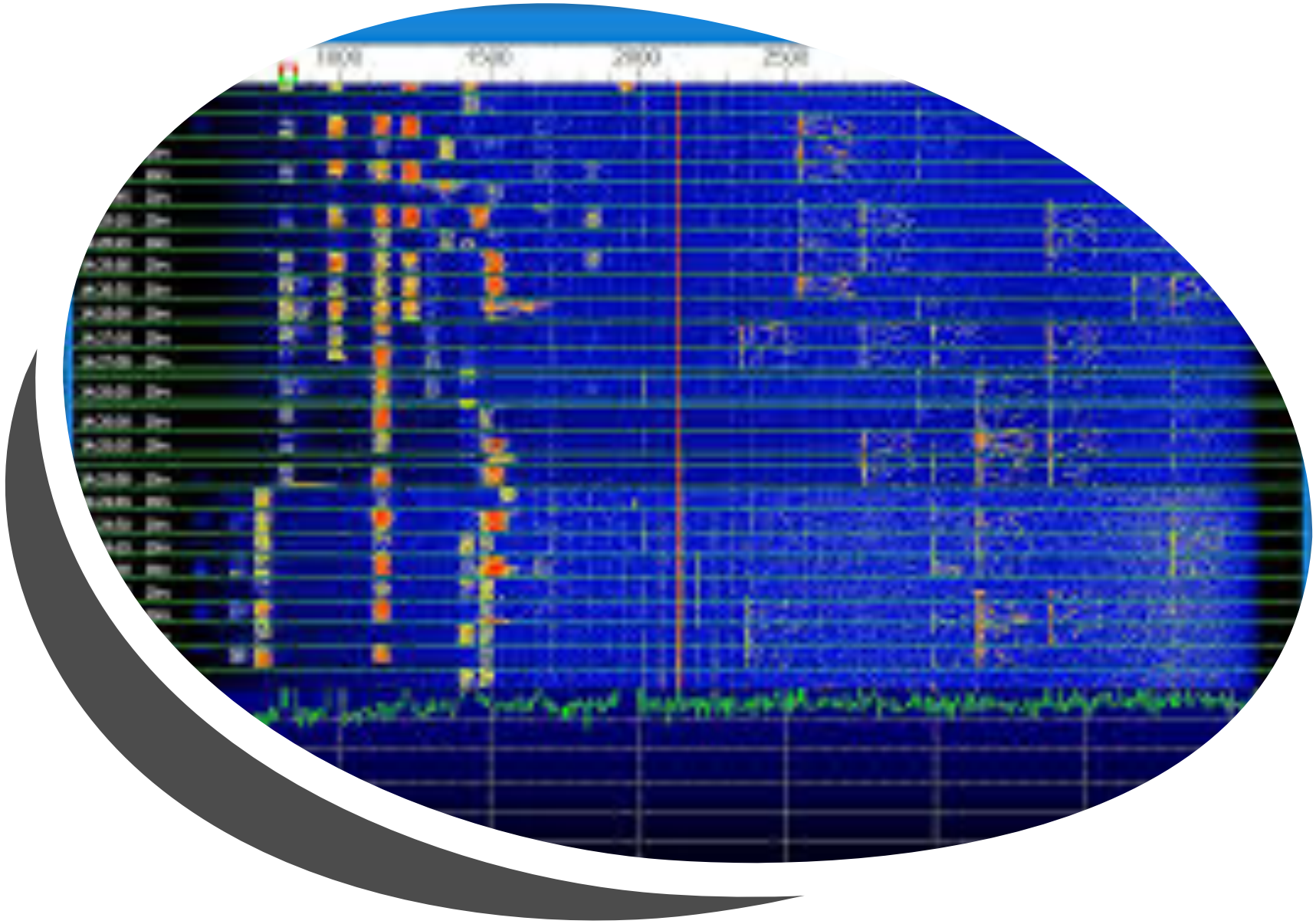
- Duplicate these settings
- Click OK

You are now up and operating




Vol
Mic
Mode
12/3/2019 9:50:29 AM
Uptime: 2d 5h 47m
Ic-7300
PWR
Test
Lock

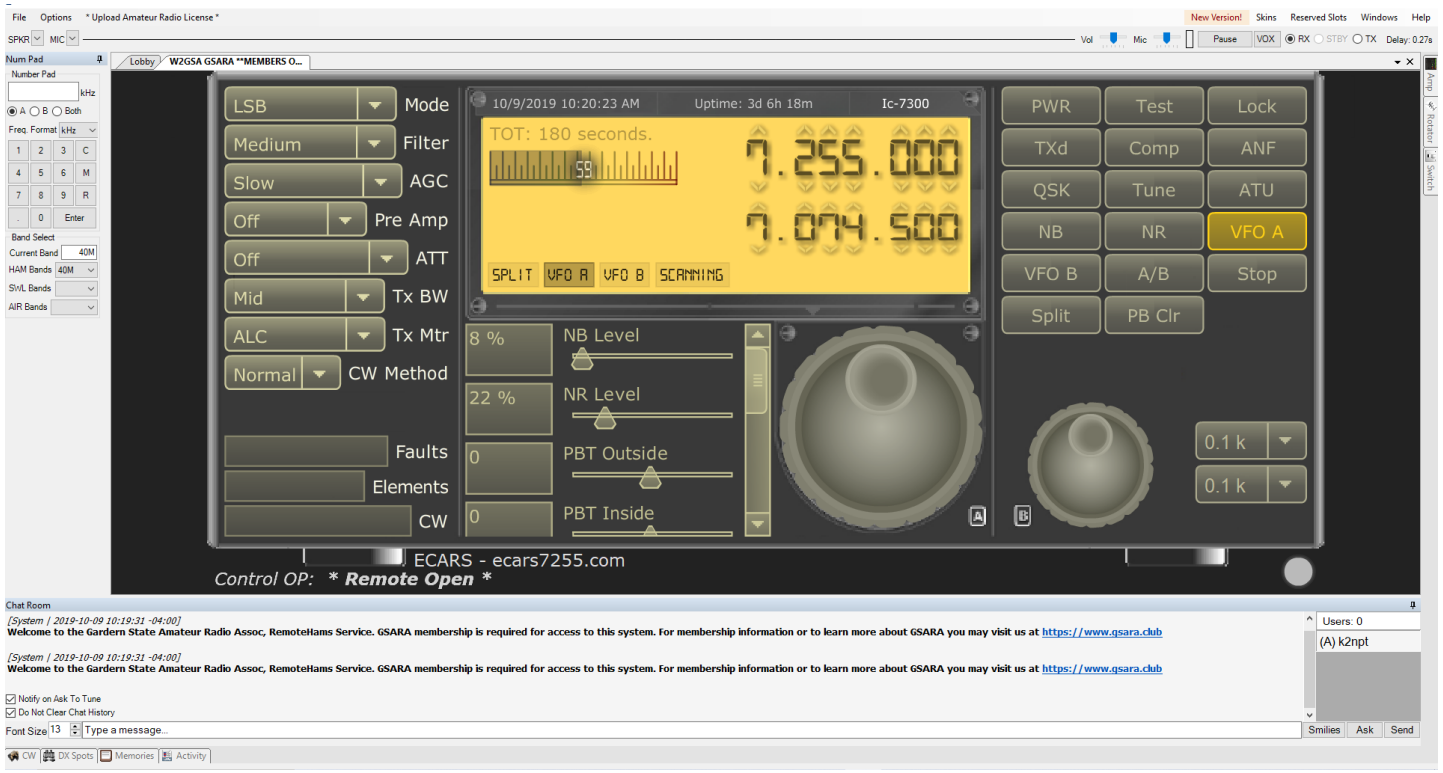

214715 -18 0.6 1068 ~ CQ N5XZ EL29 U.S.A.
214715 -18 0.6 1068 ~ CQ N5XZ EL29 U.S.A.
214745 -16 0.6 1068 ~ CQ N5XZ EL29 U.S.A.
Decode
Enable Tx
Halt Tx
Tune
Menus
Tx even/1st
Tx 2420 Hz
Hold Tx Freq
Rx 1062 Hz
Report -15
Generate Std Msgs
Next
Now
PT7BL K2NPT FN20
PT7BL K2NPT -15
PT7BL K2NPT R-15
Tx 1
Tx 2
Tx 3
Pwr



CW

NOTE: The following instructions assume that you have downloaded the software, registered your call sign and are versed in the basic operation of the remote radio controls.

For help with remote CW, contact John KA2F



It is possible to operate in **CW mode** using:

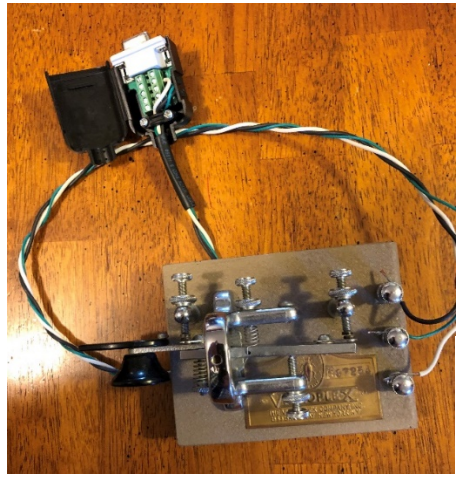
- Paddles
- Keyboard & macros
- Paddles and keyboard simultaneously

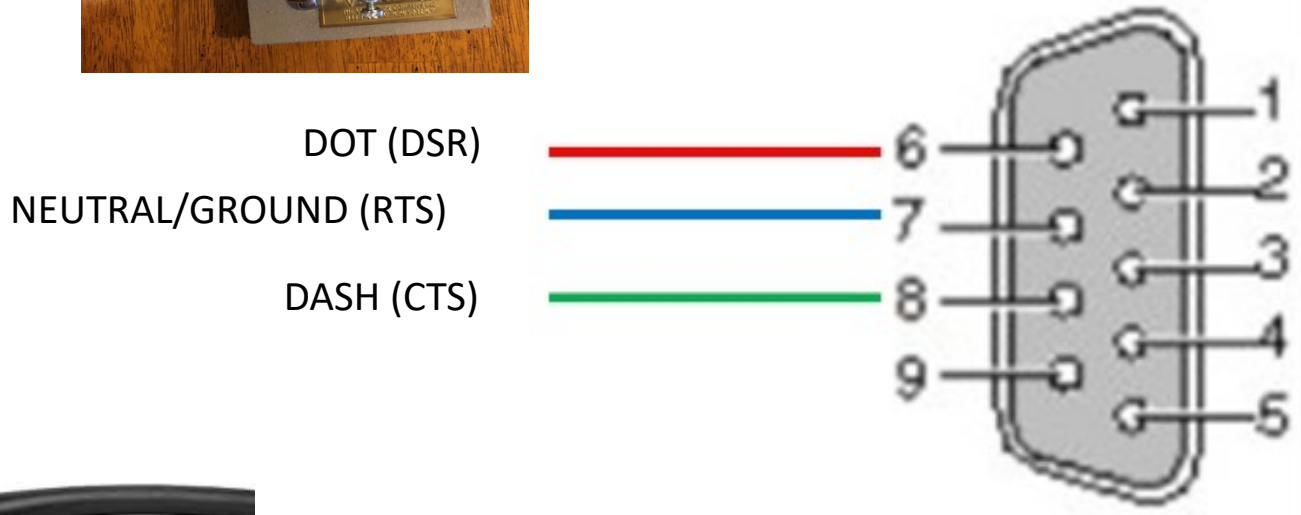
NOTE: you cannot use a straight key in RCForb v0.8
Straight key is supported in v0.9

Paddle Connection

Connect the paddle to the PC via the serial port

- Pin 8 CTS goes to DAH or DASH on paddle.
- Pin 7 RTS goes to Neutral or Ground on paddle
- Pin 6 DSR goes to DIT or DOT on paddle.

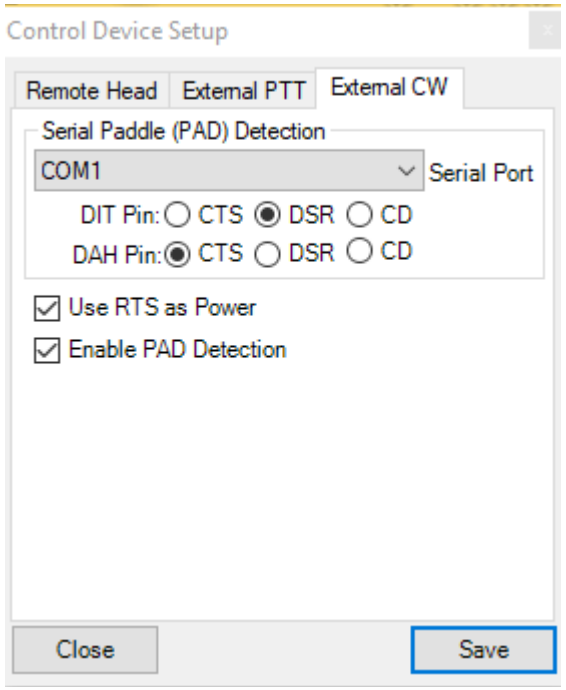




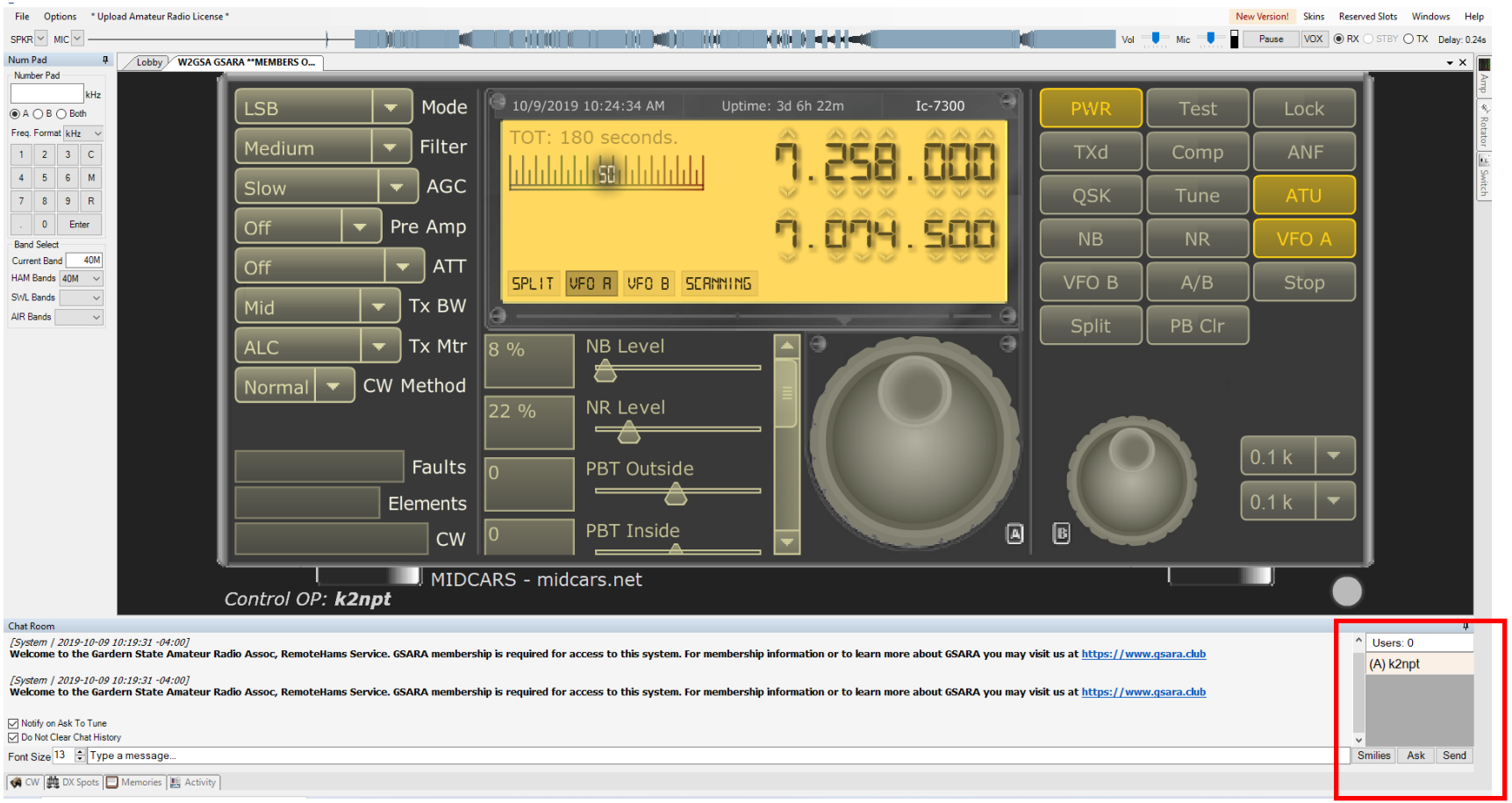
If the computer is not equipped with a serial port,
Use a USB to DB9 Serial Converter cable

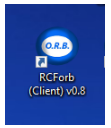
CW Configuration

H. On the lobby menu select **Options, Control Device Setup, External CW**

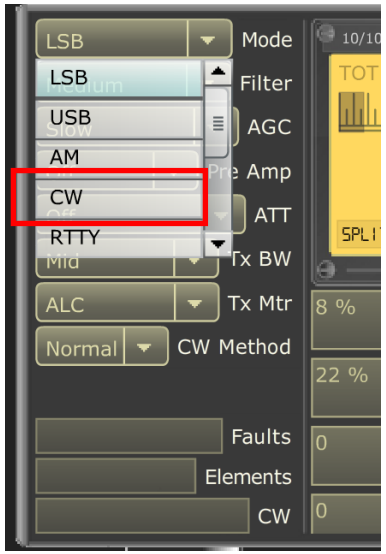


- From the COM port drop down menu, select the proper COM port assigned to your device.
- Duplicate the other settings
- **Restart RCForb Client**

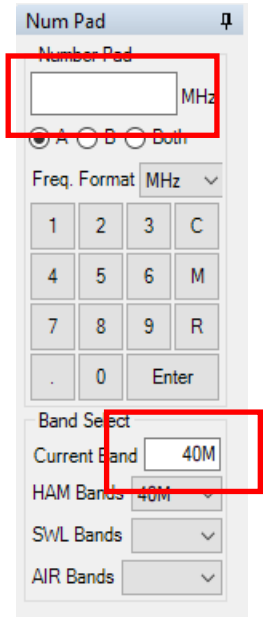




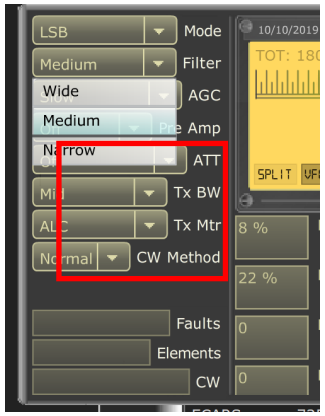
- Boot up RCForb client v0.8
- Check the users window to determine that you are in control
- Power ON the radio
- Set up for **CW** operation as follows:



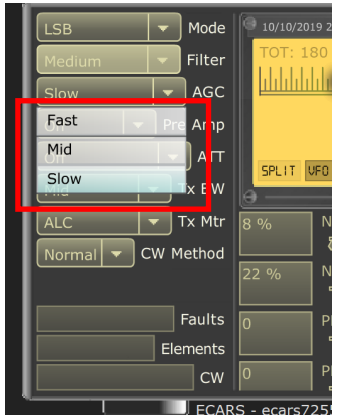
A. From the **mode** drop down menu select CW



B. Select the **band** from the drop down window and enter a **frequency** in the CW range. For example, type 7.035 in the Window

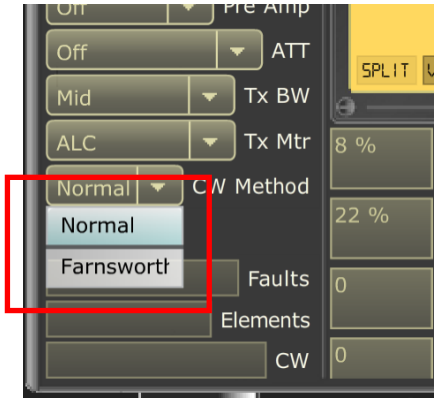


C. From the **filter** drop down menu, select a width.
Suggest medium to start

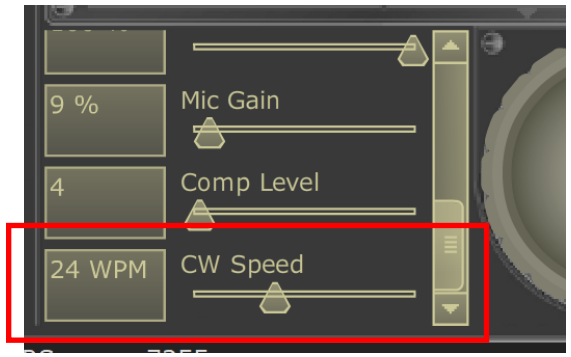


D. From the **AGC** drop down menu, select a setting
Suggest slow to start

AGC: automatic gain control



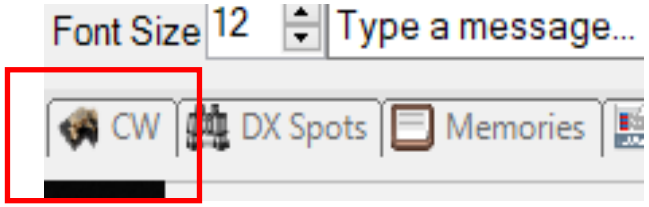
E. From the **CW** drop down menu select method.
Suggest normal to start



F. From the **slide** menu select your preferred **CW speed** after Reducing **RF Power Out** to zero.
NOTE: The code speed selected applies Paddle use, Macro use and Keyboard typing

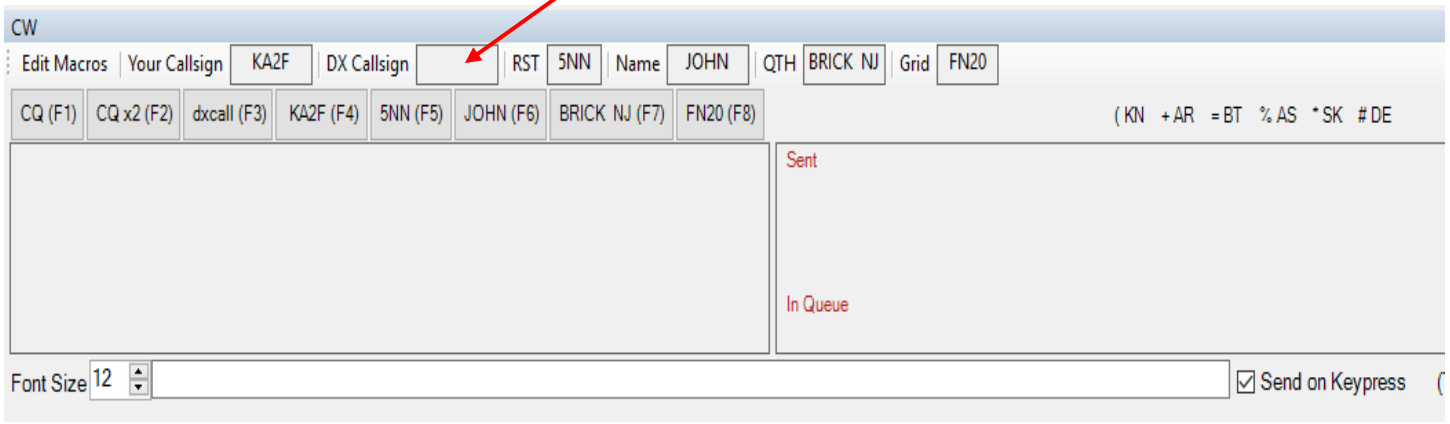
G. Tune the antenna

Operating CW using Macros and Keyboard

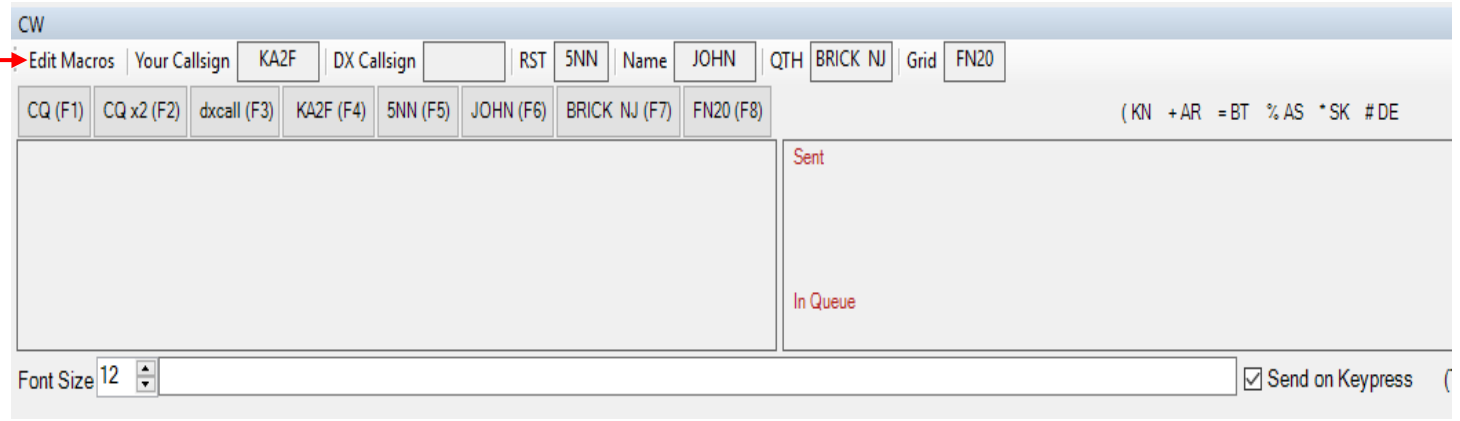


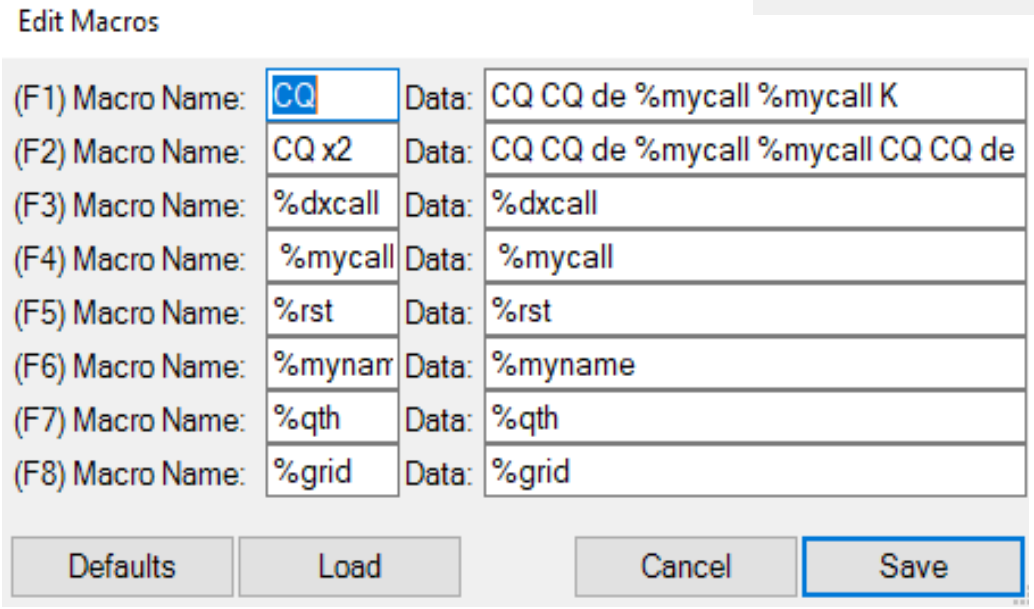
At the bottom left of the Lobby screen, click on CW to bring up the CW screen

Enter the call sign of the station you want to work (DX or NOT)



Click edit macros





Fill in the Macros to suit your own situation

You are now ready to get on the air remotely with CW