Remote Ham Radio {dot} com

January, 2015
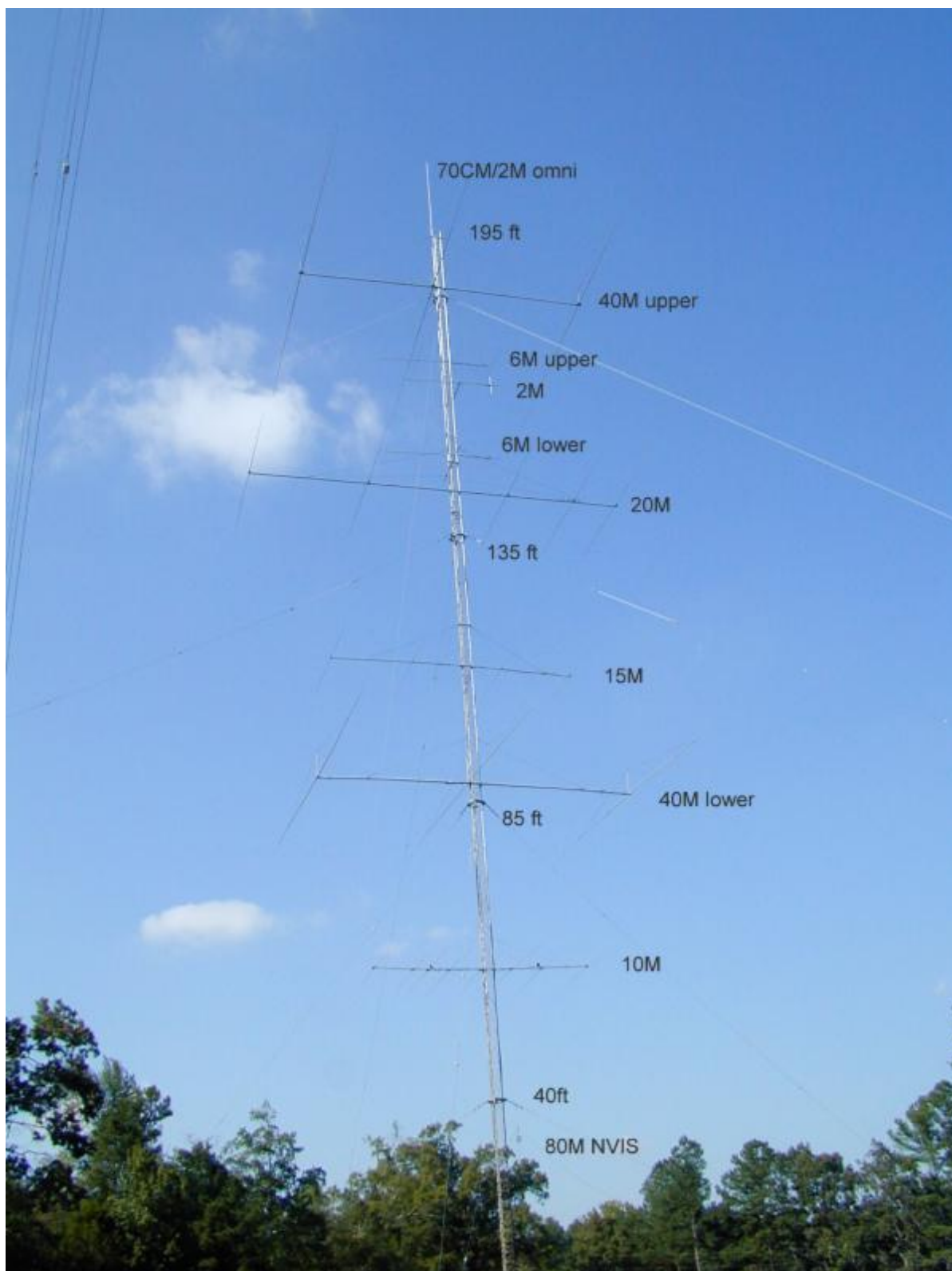
CQ DX!

Happy New Year!

W4/Atlanta
W8JI Super Station
Now on PremiumDX!

70CM/2M omni

195 ft

40M upper

6M upper

2M

6M lower

20M

135 ft

15M

40M lower

85 ft

10M

40ft

80M NVIS

Picture of the 200' Rotating Tower

The ability now exists to take advantage of spectacular north south propagation from this southern mega station.

This is a game changer with over 100 acres of just beverages. This station is capable of working JA's every month out of the year on topband! We have the logs to prove it.

From Left to Right:
300' Tower, 220' 160m Vertical and 200' Rotating Tower

Elecraft K3 & 1KW Solid State Amplifier

- 6m - 5/5 Stack @ 165'
- 10m - 6 Element Monobander @ 65'
- 15m - 5 Element Monobander @ 115'
- 20m - 5 Element Monobander @ 140'
- 40m - 3/3 Stack Monobanders @ 93/185'
- 80m - Dipole (Upgrade coming)
- 160m - 220' Vertical (more to come)

Youth of the Month!

Zack KK4RUT

The RemoteHamRadio Youth Program

In September when we announced our revolutionary youth program, the response was overwhelming. We were touched by the generosity and positive feedback we received. This month we would like to welcome our fifth sponsored youth, Zack, KK4RUT who has been having a great time on RHR the past few months and we are very excited to have him on board.
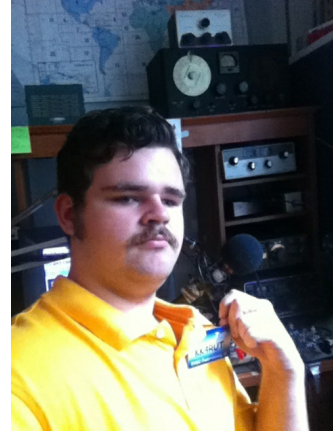
Zachary KK4RUT Biography:

My Name is Zachary Barnum, I am 16, I live in Fredericksburg,Va, and my call sign is KK4RUT. I am a member of the ARRL and I have been supporting youth evolvement in amateur radio by starting up a club at my high school. I absolutely love chasing DX and I enjoy 20, 15, and 10 meters and am currently active on the local repeater. My favorite modes are CW and SSB. I do enjoy some digital but I am mainly SSB and CW. When it comes to ham radio I consider just about everyone who helps me my Elmer, although I do have one central Elmer. His name is Brock Winfrey and his call is AE4GM. I hope to use this program at the high school for the school club round up contest held by the ARRL and also at home for my own personal DXing (after all my mom hates the antennas she describes them as spider man puke in the back yard, HA, more like a master piece). Either way thanks for reading my e-mail and thanks for supporting the youth in the hobby!

Zack will not only be able to hone his skills on some of the best stations in the world. He will also have an "Elmer" influence from a number of the biggest and best DXers and contesters who are on RHR and eager to help.

The RHR Youth Program is accepting applicants who meet the following criteria:

1. 25 years or younger
2. Hold a general class or higher license
3. Can demonstrate why RHR will be a "good fit" for them
4. Has interest in DXing/Contesting

RemoteHamRadio's Youth program is a one-year program that includes 300 minutes per month and is completely free to the recipient. RHR will announce a new recipient typically every month. If you are interested in supporting this program you can contact us for details.

Who will be the first to work 100 Countries remote?

CQ Awards Add Categories for Remote Operation

The CQ awards program recognizes and encourages technological advancements such as those that have resulted in the growing availability of remote station technology to the average amateur. As restrictions on antennas and towers become more widespread, such technology may represent some amateurs' only opportunity for HF operating and for the feelings of personal accomplishment that come with successful DXing and contesting efforts.

However, in recognition of the long history of the CQ awards program and of the different achievements represented by different modes of operating, we have decided to create separate remote-operation categories for most of our awards. This will permit amateurs to qualify for our awards using this technology without changing "the rules of the game" for those pursuing them on a more traditional path. Changes to specific award rules follow (WAZ award updates are still being finalized and will follow next month):

CQ DX Award/CQ DX Field Award

New endorsements are added to the existing list, as follow:

CQ DX Award

5. Special endorsements, as follows, are available for a fee of $1.00 each:

(h) Remote operation endorsement — for 100 or more confirmed countries of which *one or more* qualifying contact was made using remote station technology (operator is not physically present at the station location). All applications including contacts made using remote station technology must include this endorsement. Qualifying contacts may be made on or after January 1, 2015.

(i) All-Remote operation endorsement — for 100 or more confirmed countries of which *all* qualifying contacts were made using remote station technology (operator is not physically present at the station location). Qualifying contacts may be made on or after January 1, 2015.

CQ DX Field Award

5. Special endorsements, as follows, are available for a fee of $1.00 each:

(i) Remote operation endorsement — for 50 or more confirmed grid fields of which *one or more* qualifying contact was

made using remote station technology (operator is not physically present at the station location). All applications including contacts made using remote station technology must include this endorsement. Qualifying contacts may be made on or after January 1, 2015.
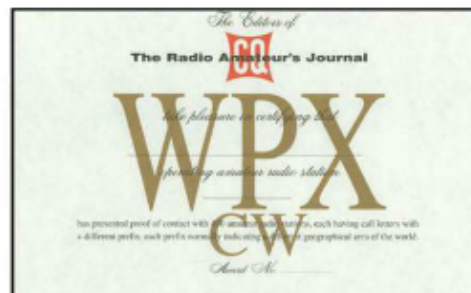
(j) All-Remote operation endorsement — for 100 or more confirmed countries of which *all* qualifying contacts were made using remote station technology (operator is not physically present at the station location). Qualifying contacts may be made on or after January 1, 2015.

CQ iDX Award

No changes. This introductory award requires that all qualifying contacts be made using VoIP linking systems.

CQ DX Marathon

No changes. Current rules require that all contacts be made from the same location. A station using remote station technology for a Marathon entry would need to make all contacts from a single remote station. Separate submissions may be made for additional locations.

WPX Award:

Under 2. Endorsements, add a new subsection D as follows, and re-letter following subsections.

D. Remote Operation endorsement is available for contacts made on or after January 1, 2015 using remote station technology (operator is not physically present at the location of the transmitter, receiver, and antenna). Stations submitting one or more remote operation contacts must apply for the Remote Operation endorsement.

USA-CA:

Current rules permit remote operation. However, for clarity, we are adding the following (underlined) text to Rule B.4:

4. QSOs via repeaters, satellites, moon bounce, and phone patches are not valid for USA-CA. QSOs using remote station technology are permitted, provided that all contacts are made over a direct RF path between the remote station and the station contacted.

Worked All Zones / 5-Band Worked All Zones

We are still in the process of finalizing specific language for WAZ and 5BWAZ. We will publish a follow-up to this update next month.
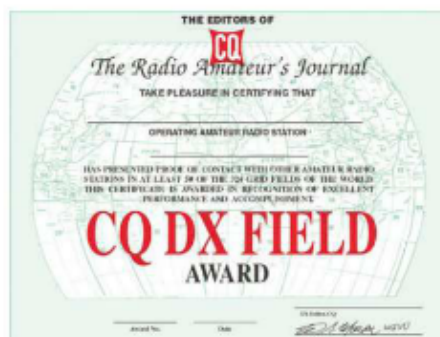
Ten-Meter RTTY Contest Results!

Mark K6UFO's shack during 10M RTTY.
Read the results here: New Record RTTY

Ron N6EE enjoys operating the 10M RTTY Test from his condo in New Jersey

Ron N6EE talks about his experience operating the Ten-Meter RTTY Test:

Ron, N6EE did very well in the 2014 Ten Meter RTTY Contest operating remotely through our W2/Valhalla station in New York. How well? Let him explain:

"I love contesting, especially RTTY contesting. But I spend a lot of time residing in a New Jersey condo where antennas of any kind are strictly prohibited. Fortunately, I am able to use a K3/0 to access the RHR network. So, when the Ten Meter RTTY Contest was approaching, I asked for and received permission to use W2/Valhalla for a 12 hour effort using the Coast to Coast Contest Club callsign KR2AR for a 12 hour effort. The experience and results exceeded my most optimistic expectations. The 10M RTTY Contest is a 24 hour event with a 100 watt maximum limit. Of course, 10M is primarily a daytime band so 12 hours is essentially the practical limit on useful operating time in this contest. When the contest starts at 0000 UTC, 10M is just about shut down on the East Coast, but I managed to work 20 stations including eight US and South Pacific multipliers before it closed for good at 0100 UTC. I am not too familiar with 10M propagation from New York so I decided to turn on the radio much earlier than I thought the band would open. To my surprise, 10M was hopping at 1130 UTC and I quickly worked a bunch of Europe and Middle East stations, easily breaking through several sizable pileups. It was hard to believe I was running only 100 watts! The band was so jammed wall to wall with Europeans from 28.080 up to 28.150 that it was hard to find a clear spot to call CQ. But I finally did and ran mostly europeans for several hours, often watching the rate meter hit 150/hr. This contest allows the use of Spotting networks, so I used them extensively to do a rapid QSY from my run frequency to pick up every multiplier I could. Propagation to Europe finally closed down about 1600 UTC and I started running US, Canada and South America at a relatively slow but steady rate until about 2200 UTC when propagation shifted further west and I picked up a few more mults in the South Pacific. Propagation never favored Asia so I struggled to put a solitary JA in the log. But, when the contest ended at 2359 UTC I was amazed and thrilled to have worked 369 stations including 108 multipliers. According to the preliminary results on the 3830 contest reporting web site, this puts me in 7th place World, 1st place on the US east coast, and #1 worldwide in multipliers. Wow! I never dreamed that I could do that well and be highly competitive using a remote station over the Internet. Now THAT'S my idea of fun!"

Contest Rentals
Now booking sites! Contact us for details!

RemoteHamRadio is now accepting bookings for contest rentals. With the large number of world class stations on the network, we can now start taking bookings for any contest on the calendar. If you would like to book a contest here is a list of what to expect.

- You do NOT need to be a RHR member

- RHR PremiumDX members receive a discounted rate
- You must book the site for the entire contest period
- The station will be placed in a "Private Console" for the duration of the contest
- Operate CW, SSB and Digital modes
- We can optionally ship a complete K3/0 setup for use during the contest
- Operate a world class station from the comfort of your own home
- [Contact us for details](#)

W2/Summit160

We have recently split off the 160m 4 square from the Summit contest station. Now one OP can be on 6-80m while another OP is on topband. Additionally, the 160 station has a dedicated 1500W commander amplifier.

Site #16 Added!

W2/Valhalla, NY
Now on RemoteDX!

Force 12 6BA

The RHR Team owns Hudson Valley Towers Inc.

The RHR team builds a 6BA at the W2/Valhalla QTH. The site boasts a 6BA @ 75/ft 10 thru 40M. OCF diole at 70/ft for 6/30/80 and 160M.

Elecraft K3 with KPA-500

6m -   OCF Dipole @ 70'
10m - F-12 6BA @ 75'
12m - F-12 6BA @ 75'
15m - F-12 6BA @ 75'
17m - F-12 6BA @ 75'
20m - F-12 6BA @ 75'
30m - OCF @ 70'
40m - 2 ele 40M yagi @ 75'
80m - OCF Dipole @ 70'
160m - OCF Dipole @ 70'

Force 12 6BA @ 75'

Site #17 Coming soon!

TF4M - The Famous Arctic King

Time-lapse of the Arctic King at TF4M

WW2DX and W2RE drove the 6 hours from Reykjavik to the West Fjord's to experience Viking life with Thor TF4M. This is such an incredible QTH and station. With land stretching more than 10 square miles, sprawling 9 Rhombics with the new "Sydney" Rhombic which is the largest amateur radio antenna in the world stretching 1500' across. Thor treated us to a awesome natural hot spring as well as a wonderful Icelandic dinner!

Yummy! What a treat!

Spectacular views everywhere, it's amazing!

Thank you TF4M for a truly remarkable experience!

Video of the Month!

Take a climb with us to 100' with the GoPro camera.

RemoteHamRadio W2/BlueBerry

Be sure to watch for the RHR Ad page #8 In February QST
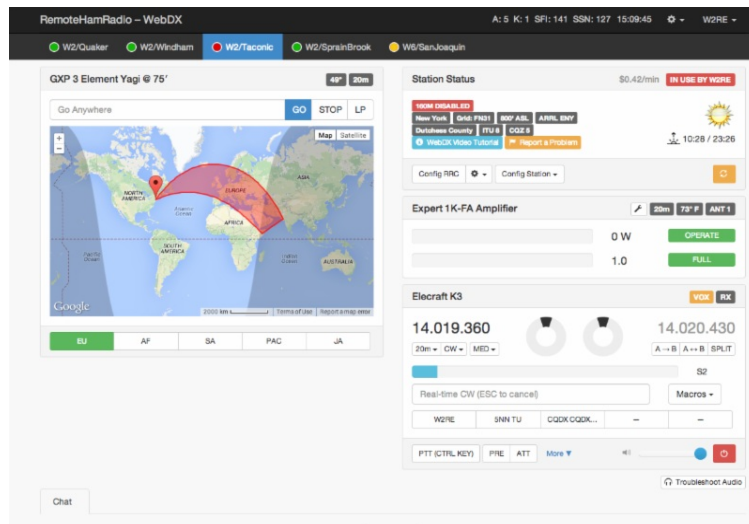
How does WebDX work?

WATCH THIS VIDEO
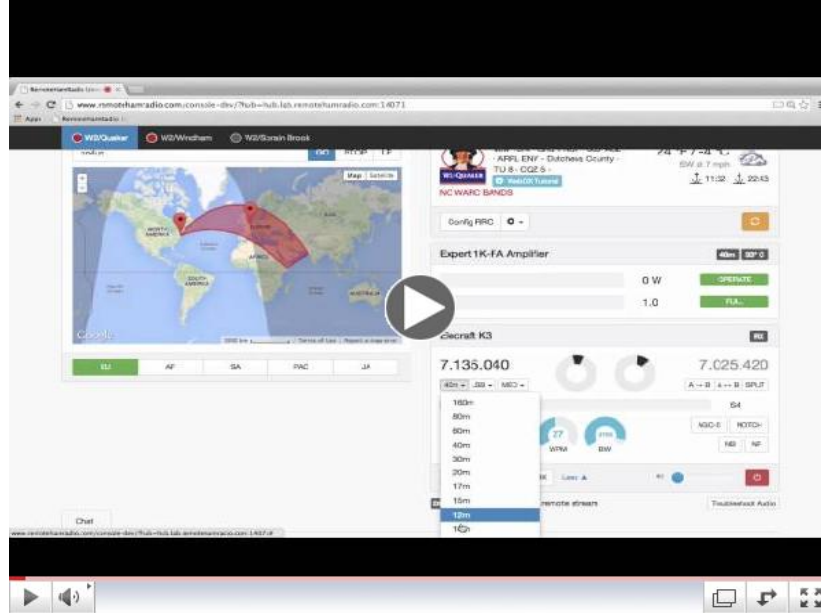
WebDX Tutorial RemoteHamRadio.com

WebDX or K3/0/10/100-Mini (both options) for both services.

RHR Revolutionary Console

Two awesome choices to get on RHR!

You now have two options to operate on RemoteHamRadio. Use the browser-based WebDX technology if you need the convenience of portability from the airport or the office to quickly get on and work that new one.

For those who want a more "authentic" radio experience, you can connect with a K3/0/10/100-Mini!

Image of K3 used with permission. * Elecraft is a registered trademark of Elecraft, Inc.

The K3/0-Mini consists of a K3 front panel only, so it's highly portable. The K3/0-Mini is perfect for home and travel use due to its small size. It fully duplicates all K3 controls, displays and menus for a realistic remote K3 experience. To learn more visit Elecraft.

New options to join RemoteHamRadio.com

One of the main goals at RemoteHamRadio from the early beginning was to develop an affordable and quality service in which every ham would have an opportunity to experience getting on the air. We believe our new pricing structure will further make this a reality moving forward.

RemoteDX Plan

- Pay as you go
- Access using WebDX browser technology
- Access to 7 RemoteDX stations up to 500w
- 1 Year membership fee
- Economic entry fee
- No hardware or software required
- Connect Instantly Today!
- Built in DX Cluster
- Connect with optional K3/0/10/100-Mini

$99/yr Membership Fee + Per Min Usage

PremiumDX Plan

- Pay as you go
- World-Class Stations with 500-1.5KW QRO
- Access to ALL 14 RHR stations
- Access using WebDX browser technology
- 1 Year membership fee
- No hardware or software required
- Connect Instantly Today!
- Built in DX Cluster
- Connect with optional K3/0/10/100-Mini

$999/yr Membership Fee + Per Min Usage

You can read more at our website here.

Registration is easy!

Just fill out the signup form and you will be on the air today.

The only requirement is that you hold a valid FCC amateur radio callsign. Must be General class or above.

Sign up and send us a copy of your valid FCC licence today and the RHR team will send the login credentials to you within 30 minutes.

What are you waiting for? The first 30 minutes are on us!

Start working DX Today

If you would like to read a review done by *QST,* **Please check out this article.**

TNX 73 GL DX,

The RHR Team
888-675-8035

Join Our Mailing List!	Forward to a Friend