



Eastern Iowa DX Association

An ARRL affiliated club - Established 1975

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Joe Hungate
K8OM

It's hard to believe I've been the President of EIDXa for the past three years. I'm honored the club members have allowed me to lead such a great group of very dedicated and talented DX and contest operators! Hopefully I've met the expectations of our

- Museum Tour
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QRM



Club Officers:

President:

Joe Hungate K8OM

Vice President:

Rick Hadley WØFG

Secretary:

David Christ KØLUM

Treasurer:

Mike Nowack NA9Q

Repeater Committee:

Jason Joens NRØX

Membership Committee:

Jim Spencer WØSR

Tom Vavra WB8ZRL

Nelson Moyer KUØA

Packet Cluster:

WB8ZRL.no-ip.org:7300

Repeater: NØDX/R

144.59 / 145.19 (tone 192.8)

membership and we've all had a bit of fun along the way. I know I certainly have and I sincerely thank each and every one of you for your support and cooperation.

I believe it is important that a given individual not remain at the helm of an organization, such as ours, for more than three or possibly four years to help forestall stagnation; therefore, I won't be seeking reelection as President of EIDX A for the club year 2019.

We have a wonderful slate of candidates for club offices for the 2019 club year and each brings a wealth of experience, organizational skills and enthusiasm assuring the future of EIDX A will be quite bright for years to come. I'm sure you will all support our new leadership group as you did me over these past three years.

I want to especially thank Rick – WØFG, David – KØLUM and Mike – NA9Q for serving on the Executive Committee and helping me stay out of trouble as much as possible. Also a special thanks to several "gray beard" members that have been in the club since nearly the beginning and "know a thing or two because they've seen a thing or two". The historical perspective of what worked, didn't work and suggestions on the direction we

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Craig Fastenow KØCF

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Bob Lee WØGXA

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Facebook EIDXА

should move the club has been invaluable.

Additionally, special thanks goes out to everyone that has served on various committees, hosted the summer picnic, checked QSL cards, scrounged fabulous door prizes for our events, created and published an amazing quarterly newsletter, created and maintained a world-class website, gone on harrowing DXpditions and presented informative, educational and humorous programs after the business meetings. This has definitely been a team effort with the results being greater than the sum of its parts and you all deserve a round of applause for your accomplishments!

So moving forward into 2019, please provide our new leadership with the same cooperation and respect you have afforded me and I'm sure EIDXА will continue to be one of the prominent DX and contesting clubs in the world.

73 and thank you all,
Joe – K8OM

Musings from the lunatic fringe

Bob WØGXA

With a new job in May came a lot of business travel which has left me little time for radio activities. I spend 80% of my time on the road going to places like Brussels, DC and Montreal. I told my friends at work that this Halloween I'm going dressed as an expense report.

Looking at the calendar, I'll retire about the time it's getting better for DXing, so I'll have plenty of time to work'em then.

It's that time of year again - Be careful on the roads



Club News and Administrative Items

Minutes of the EIDXА meeting October 14, 2016

None - Meeting was the tour of the Collins museum.

NEXT MEETING

October 19, 2018

Hall Perrine Cancer Center at Mercy Medical Center
Cedar Rapids

Social Hour 6:30 PM

Meeting & Program 7:30 PM

Meeting and location information [here](#)

Guest speaker:

John Yodis - K2VV , Chairman of the ARRL DX Advisory Committee

John will talk about DXAC, the W0 QSL Bureau and issues facing the DX community. Come prepared with your questions.



Card Checkers

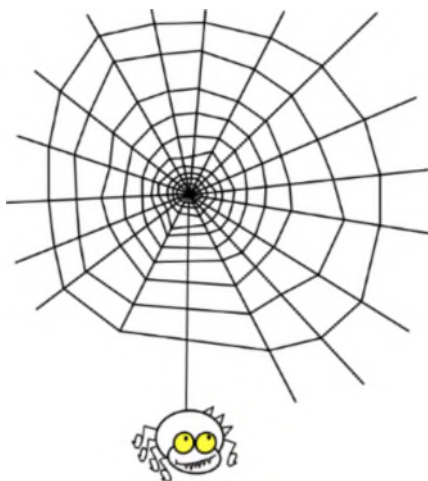
We have three club members who can check your QSL cards

- Tom, WB8ZRL
- Glenn, WØGJ
- Mike, NA9Q

Contact info can be found here:

<http://www.arrl.org/dxcc-card-checker-search>

Member Spotlight



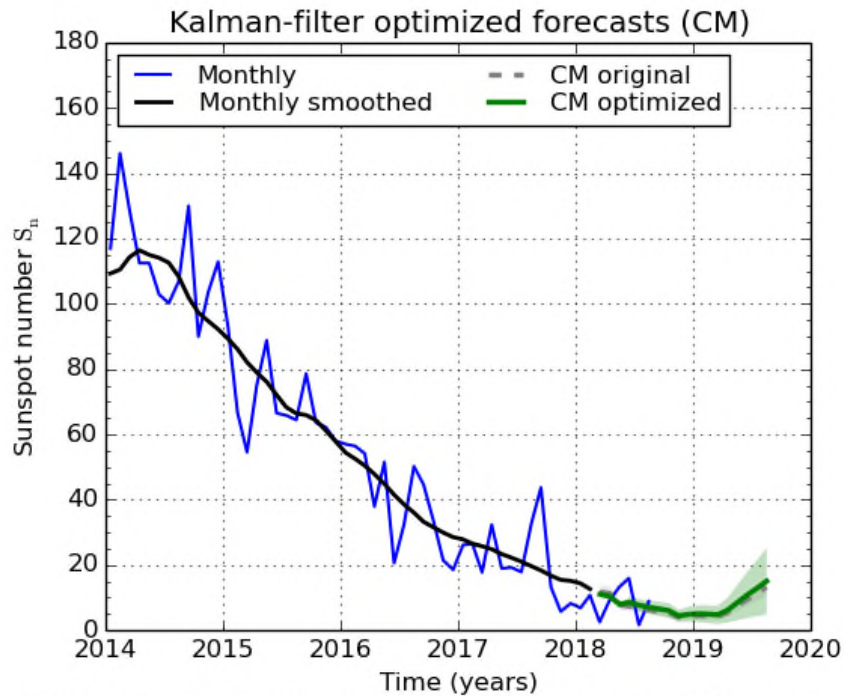
Nothing to report this month. If you haven't been featured in the newsletter, let me know. We'd love to do a story.

DX News

Working DX in 2018



'nuff said



SILSO graphics (<http://sidc.be/silso>) Royal Observatory of Belgium 2018 September 1

They say hope is the last thing to die. Maybe days will start looking better in a year...

VKØHZ



Matt, VK5HZ informs that during the 2018-2019 Summer and 2019 Antarctic winter he will be working at Davis Station. Davis is situated within Princess Elizabeth Land, East Antarctica, in the Australian Antarctic Territory. $68^{\circ} 34' S$, $77^{\circ} 58'$

Note this is not a DXpedition and any radio activity will be in his downtime. Matt will be there 12 months. More details of the operation and station setup to come late 2018.

[Interesting link to the Davis Station webcam](#)

Feature Articles

Summer Antenna Work at NYØV

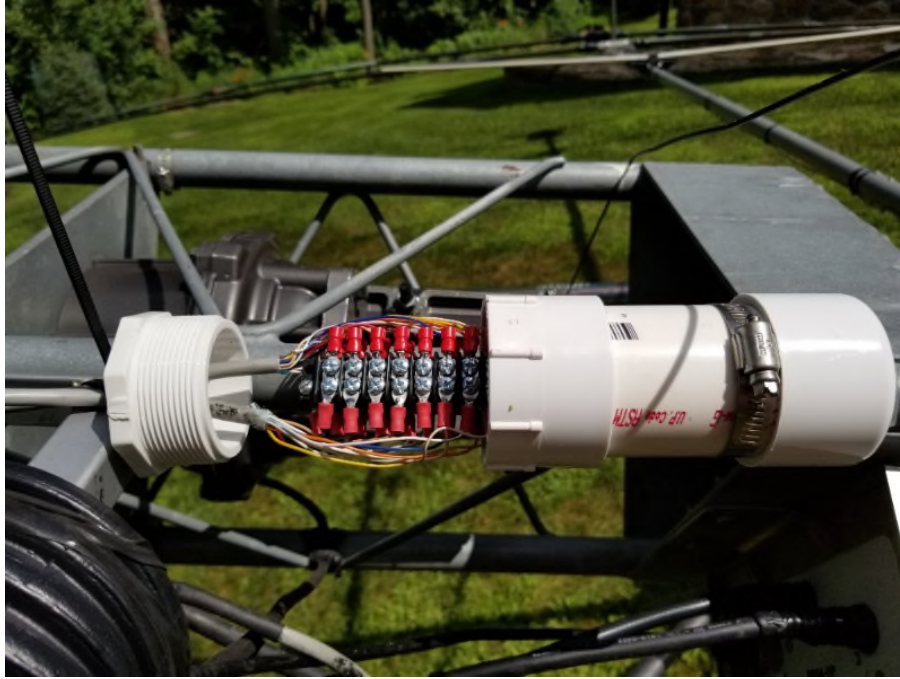
In the midst of a very busy summer for me I did manage to crank down the SteppIR and perform some modifications to the set up.



6m Reflector

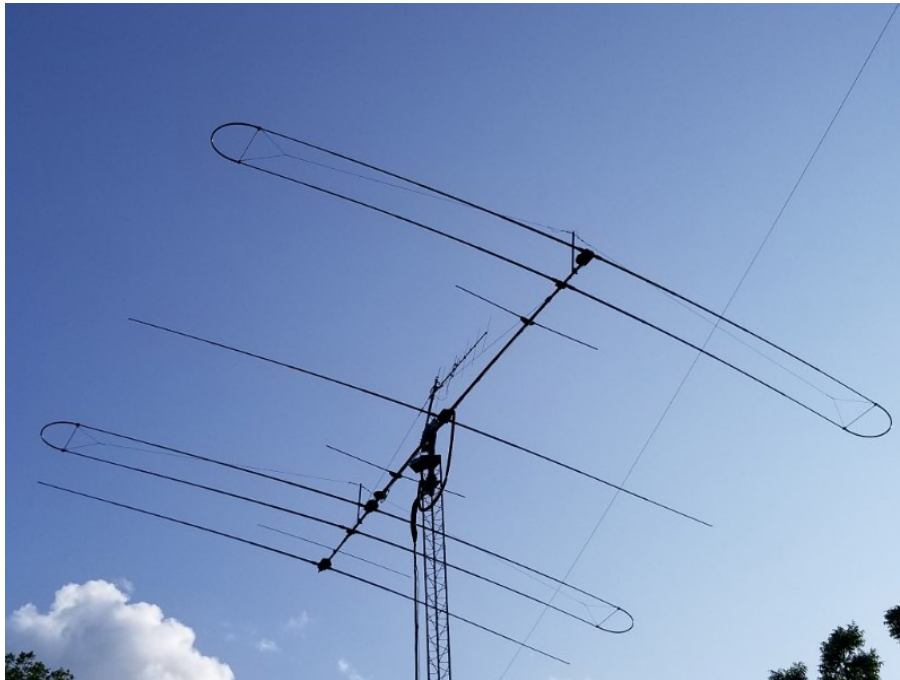
The first mod I made was to add a 6m reflector behind the driven element of the 4 element SteppIR. I was not happy with the performance of the standard 6 element 6m beam on the 4e's 32 foot boom. At my old Cedar Rapids QTH I had a 5 ele 6m yagi on a 15' boom and it seemed to perform better than the 4e version. I had also read that other SteppIR owners had similar types of comments. As I was searching around on the internet I found a ham in the UK that had modified his 3 element SteppIR with a separate 6m reflector element. In his paper he states that the problem is that the yagi's reflector is too

far back behind the driven element. In the end, I opted to install a new 125" reflector 57" behind the driven element. This also meant that I had to modify the SDA100 controller to pull in the SteppIR reflector to 4.5" when I QSY to 6m.



Terminal block modification

Some of you have read of my exploits with woodpeckers nailing my control lines looking for spiders. I had enough trouble with them hitting the line as it runs from the top of the tower to the yagi connector housing out on the boom of the SteppIR. So while I had the antenna down, I added a terminal box at the top of the tower. This had two advantages. One is that when I do have trouble with the control line, I can quickly isolate if it's now downstream to the top of the tower. I already have another terminal box at the bottom of the tower. The second advantage is changing out the control line is a matter of replacing just a 20ft piece of control line as it runs over to the yagi. This time I decided to replace the sump pump tubing I had over the control line and coax as the woodpeckers just went right through it. Taking a different approach, I have run a tube of cold water pipe foam over the control line and coax. My thinking is that since a hard surface plastic tube didn't keep them out, perhaps a foam sheathing might keep them from piercing through to the line. We'll see!



The finished product, ready for sunspots. - 73, Tom NYØV

Jurassic Journal

- A look back in time -

Tom Vavra WB8ZRL

Twenty years ago, the winter of 1998

My log shows I was quite active during the Fall quarter. And conditions were good enough to snag some decent DX.

FOØPT Walter, DJØFX was active all bands, mostly CW as FOØPT French Polynesia.

9HØVRZ 24 Dutch amateurs activated 9HØVRZ for two weeks, logging over 18K QSOs on all bands.

ZL2AZ Peter was very active on 10 CW trying out his new 2 x 2 callsign.

TJ2RSF Seven Spanish operators made 12K QSOs from Cameroon during their recent TJ2RSF expedition. They operated from a catholic mission where they installed seven VHF stations for emergency communications.

E31AA ZL3CW/F2CW was active as E31AA from Eritrea. Jacky was there for over a month and logged over 17K QSOs.

HFØPOL Stan, SP3BGD was active as HFØPOL from King George Island in the South Shetlands for almost the entire year leaving in early December.

C56A Six Bavarian Contest Club operators were issued C56A to be used before and after the CQ WW SSB DX Contest, while during the contest they signed C56T.

JW9XGA Tor, LA9XGA activated JW9XGA from Longyearbyen, Svalbard on all bands.

E30GA Personal calls were issued to eight members of the Space A DX Group for their 2 week operation in Eritrea.

BQ9P There were 12 operators, including a YL, that activated Pratas for one week. I believe this was only the second DXpedition to Pratas, and several more followed over the next few years. Pratas seems easy enough to activate, but it has been many years, and it has risen to number 6 on the Clublog most wanted list.

T32VU Karl, DL1VU, was active as T32VU from East Kiribati. He had plans for T30, T31, and T33 as well, but I never logged him.

JL1KFR/JD1 Ryo, was active as JL1KFR/JD1 from Minami Torishima. Mostly on cw, he emphasized the low bands to Europe and North America, giving me a QSO on 80m.

D68WU YL operator Denise, F6HWU signed D68WU from Comoros Islands. She was there to participate in the CQ WW CW DX Contest.

V63YP KQ1F/V63HC, Charlotte, and K1XM/V63YP, Paul, were on one of the Micronesia islands warming up for the CQ WW CW DX Contest.

VK9LX Five operators signed VK9LX from Lord Howe, also warming up for the CQ WW CW DX Contest.

FT5ZH Eric, F5SIH, and Mehdi, F5PFP, signed FT5ZH from Amsterdam. They did not actively participate in the CQ WW CW Contest, but they did hand out a number of multipliers which really

started a big pileup. A serious storm chased them off the island earlier than they had planned. They logged some 32K Qs but had problems on 160 and 10m from noise and lack of propagation.

9V1YP and 9M2TO were worked one evening a sunset on 40M LP.

TL5A Alex, PA3DZN was in the Central African Republic signing TL5A for almost nine months, including the last half of 1998. Clublog shows almost 74K QSOs. Alex also signed TL0R in a number of contests.

ZK3RW Ron Wright, ZL1AMO was active using his ZK3RW call from Tokelau. While traveling the Pacific he had plans to perhaps operate from 3D2 and 5W too.

A few log entries that I could not find information about in the newsletters: 4U1UN 5R8PR TY8A S92YN S92YV 4KA5CW FO0SUC 3DA0CA FR5ZQ/t 9K2MU. Some of these may have been slim (but wfwl).

CQWW SSB LOG My log was all 10M, and included the following Qs: 3DA0 4X 5X 6V 9G 9H 9J CN D44 EA9 P3 SU TU TZ V5 ZD8 ZS

CQWW CW LOG This log was all 40M, with 31 zone and 82 country multipliers. Some of the better countries were : 3A 3V 5B 5V 6W 8Q 9H A6 CN EA9 EL JX JY S5 SV5 T9 V6 V8 VK9L XZ YB

Ten years ago, the winter of 2008

My Fall 2008 log was quite sparse. WWV numbers during this quarter were: Solar Flux between 66 and 72, the A Index between 0 and 27.

VK9DWX This German led dxpedition to Willis Island worked 95K for the deserving in 16 days. Their time spent on TB was appreciated by many.

TO5DX A team of six were on St. Barthelemy for a M/S in the CQWW SSB contest. They were active for two weeks. Again their TB activity was appreciated.

T32CXX KØDAS and NYØV were out looking for Amelia. I worked them three times, including one CQWW SSB contact. But I

failed to note in my log who was the operator.

CQWW CW Log ALL 80M 3V 4L 5B 9M6 AH0 C4 D4 HC8 LX LY
RW2 SV9 TA

Thanks Tom! - Ed.

Member News

Collins Museum Tour - as told through your pictures



WØCXX with his trusty bug at a nice station. Collins photo.



George loves big bottles! Restoration project.



Sam-KØAFN. It took a lot of iron to get 100 watts in the early days.



KØNBW- the US Navy Reserve Training Station in Burlington had a pair of shipboard navy rigs like these at its club station where Navy Radio Operators taught us lucky 6 and 7th graders CW and theory. Lots of new hams arrived in 1955. Screaming dynamotor power supplies and clanging keying relays in xmtr, rcvr, and power supplies

were music to our ears. Phonetics for KØNBW: Normandy Brandy Works. KØAFN and WØNB were graduates.



Terry Lamb and Terry Cellman looking over a KWM-1

Hamfest / Midwest Convention

Photos: Terry WØAWL



Our President, Joe K8OM



Tom, WB8ZRL in action; checking some cards



Jim WØSR talking to ARRL President K5UR



The crew in no particular order of importance:

The Old Man - Art Zygielbaum, KØAIZ

The Novice - Lily Cripe, KEØJOL (not pictured)

Crystal - Joe Eisenberg, KØNEB

QRM - Rod Blocksome, KØDAS

QRN - Bill Friede, W7II

High Potential, The Spirit of Amateur Radio - Tim Busch, NØCKR

On the road again...



Rich, W3ACO reports that he will be back at PJ2T to support the CQWW SSB team Oct 26 thru 28 with his world renowned cooking skills.

He will be on the air beginning Oct 23 through Oct 29 as PJ2/W3ACO on all bands 80 thru 10 meters. Give a listen. Apparently this team is a new group, mostly Canadians.

I hear he's looking at Moose recipes. - Ed.

Logbook

Logs

WØGXA K9AJ/VYØ 20m CW - *Not really DX but new for me...*

FT-8 DXing with Tom

"Here's a screen shot of my qso with AbuBaker, 5A1AL on 17m FT8 this AM. One call QSO and then he calls CQ a couple of times with no response. Lots of EU QRM near his QRG...in fact the entire band is pretty full of EU signals this AM" - Tom, NYØV

Screen shot split into two pictures - Ed.

based on WSJT-X by K1JT

18.100 000

17m Menus

13:56:17

TX 00/30

Pwr

DX Call

DX Grid

Tx FT8 & Report -9 reserved

Tx 700 Hz Tx=Rx DistX73

Rx 1926 Hz Rx=Tx AutoTX

beep on Lock Tx=Rx AutoSeq

Tune

Monitor

Stop

UTC	dB	DT	Freq	Message	Rx Frequency
134830	-10	0.3	1225	& CQ 3B9FR MH10	Rodriguez Is.
134900	-11	0.3	1225	& EA1HS 3B9FR -08	Rodriguez Is.
134930	-9	0.3	1226	& EA1HS 3B9FR RRR	Rodriguez Is.
134915	-11	0.5	1926	& RN3OX 5A1AL R-10	Libya
134945	-14	0.4	1926	& RN3OX 5A1AL 73	Libya
135015	-16	0.5	1926	& UA6HW 5A1AL RR73	Libya
135030	Tx		700	& 5A1AL NY0V EN33	
135045	-12	0.4	1926	& NY0V 5A1AL -22	Libya
135100	Tx		700	& 5A1AL NY0V R-12	
135130	Tx		700	& 5A1AL NY0V R-12	
135115	-9	0.3	1926	& NY0V 5A1AL RR73	Libya
135130	Tx		700	& 5A1AL NY0V 73	
135200	-8	0.4	1916	& ZS6CR EA4EQ -19	Spain
135245	-10	0.3	1923	& NY0V 5A1AL 73	Libya
135315	-3	0.4	1923	& CQ 5A1AL JM62	Libya
135345	-7	0.4	1923	& CQ 5A1AL JM62	Libya
135545	-4	0.4	1917	& OP0PPY F8NHF -16	France

* JTDX v18.1 by HF community

derivative work based

UTC	dB	DT	Freq	Message	Band Activity
135500	-6	0.3	867	& RA6WF TR8CA -04	Gabon
135500	-12	0.5	930	& G8ZSG G0YCE R+04	England
135500	-18	0.3	1224	& K5FZ 3B9FR -20	Rodriguez Is
135500	-10	0.5	1292	& KA4TLC F5ADE JN06	France
135500	0	0.3	1572	& CQ EA4ZM IM68	Spain
135500	-6	0.4	1908	& ZS6CR EA4EQ -19	Spain
135500	-15	0.4	2497	& CQ ZS6ZP KG43	S. Africa
135500	-9	0.2	1576	& DJ1TO CU3AK RR73	Azores
135515	-12	0.4	1018	& 4Z4DX IU1LBM R+00	Italy
135515	-5	-0.2	1303	& CQ EG1SDC IN73	Spain
135515	-16	0.5	1410	& CQ VA3HP EN92	Canada
135515	-8	0.4	1529	& YB1HK TM8CVE -10	France
135515	-12	0.2	1648	& CQ HA7TM JN97	Hungary
135515	-4	0.3	2024	& K4MD F8NHF -04	France
135515	-17	0.3	2376	& KD8SI M0JDK 73	England
135515	-3	0.4	2497	& ZS6ZP HB9CZF JN47	Switzerland
135530	1	0.4	589	& CQ F6HRP IN88	France
135530	-9	0.4	741	& IZ8EDJ ZD7GWM R-06	St. Helena
135530	-7	0.3	867	& RA6WF TR8CA RR73	Gabon
135530	-11	0.5	930	& G8ZSG G0YCE 73	England
135530	-7	0.5	1292	& K6EID F5ADE JN06	France
135530	-6	0.4	1907	& ZS6CR EA4EQ -19	Spain
135530	-14	0.4	2497	& CQ ZS6ZP KG43	S. Africa
135530	-2	0.7	612	& CQ F6ECI JN05	France
135530	-15	0.3	781	& OE3FVU KB3AAY R-15	U.S.A.
135545	-20	0.2	453	& CQ EC7DWP IM87	Spain
135545	-17	0.1	783	& KB3AAY OE3FVU RR73	Austria
135545	-18	0.6	932	& G0YCE G8ZSG 73	England
135545	-2	-0.2	1303	& CQ EG1SDC IN73	Spain
135545	-16	0.4	1529	& YB1HK TM8CVE -10	France
135545	-13	0.1	1649	& CQ HA7TM JN97	Hungary
135545	-4	0.4	1917	& OP0PPY F8NHF -16	France
135545	-3	0.3	2497	& ZS6ZP HB9CZF JN47	Switzerland
135545	-13	0.9	740	& ZD7GWM IZ8EDJ RR73	Italy
135600	-2	0.4	589	& CQ F6HRP IN88	France
135600	-3	0.7	613	& W3OA F6ECI -12	France
135600	-17	0.4	740	& IZ8EDJ ZD7GWM 73	St. Helena
135600	-9	0.3	867	& CQ TR8CA JJ40	Gabon
135600	3	0.5	1293	& K6EID F5ADE JN06	France
135600	-4	0.4	1907	& ZS6CR EA4EQ -19	Spain
135600	-15	0.3	2440	& CQ KD8SI EM79	U.S.A.
135600	-11	0.4	2497	& CQ ZS6ZP KG43	S. Africa

...and more FT-8 from NYØV

It's not often that you get to see your QSO from the DX side of the link. But I received this screen shot from Tim, T6TM in Kabul Afghanistan. I captured my end of the QSO so both ends of the link are shown. What happened was that on September 12th I copied him at -10 but he was not copying me very well. I emailed him and he said that EU wall was clobbering everything from the States. We made a schedule for the 13th and he had high winds and poor conditions. For the third try on the 14th we QSY'd to 14087 & 1400Hz @1515z so we would be in the clear. Third time's a charm as they say

The screenshot shows the JTDX v18.1 software interface. At the top, the frequency is set to 14.087000 MHz and the time is 15:17:33. The main window displays a log of QSOs with columns for UTC, dB, DT, Freq, Message, and Band Activity. The log shows several contacts from Afghanistan, including NYOV T6TM MM44 and T6TM NYOV -09. The interface also features various control panels for TX/RX settings, a 'Generate Std Msgs' section, and a 'Tune' section with a frequency scale.

UTC	dB	DT	Freq	Message	Band Activity
151445	-20	0.1	1438	NYOV T6TM MM44	Afghanistan
151545	-9	0.0	1438	NYOV T6TM MM44	Afghanistan
151615	-9	0.1	1439	NYOV T6TM MM44	Afghanistan
151645	-9	0.0	1438	NYOV T6TM R-15	Afghanistan
151715	-9	0.0	1438	NYOV T6TM 73	Afghanistan

This is a close-up view of the 'Rx Frequency' log window. It displays a table of received QSOs with columns for UTC, dB, DT, Freq, and Message. The log shows several contacts from Afghanistan, including NYOV T6TM MM44 and T6TM NYOV -09. The interface also features buttons for 'Erase', 'Decode', 'Enable Tx', 'Halt Tx', and 'Tune', along with a 'Generate Std Msgs' section and a 'Tx even/1st' checkbox.

UTC	dB	DT	Freq	Message
151415	Tx		1400	NYOV T6TM MM44
151445	Tx		1400	NYOV T6TM MM44
151515	Tx		1400	NYOV T6TM MM44
151545	Tx		1400	NYOV T6TM MM44
151615	Tx		1400	NYOV T6TM MM44
151630	-15	0.5	1398	T6TM NYOV -09
151645	Tx		1400	NYOV T6TM R-15
151700	-14	0.5	1398	T6TM NYOV RR73
151715	Tx		1400	NYOV T6TM 73

CQ Test

Contesting by Rick

Rick Heinrich NØYY



Rick will return after he's fully settled in VA

CQWW VHF 2018



Visitors to K9CT: Wyatt, ACØRA and Dave, KG5CCI.

KG5CCI and I roved from near Homer Illinois back to near Newhall Iowa covering 10 grids. Station was 5 element on 6m and 7 on 2m with 2-3 elements one for each band for backup/in motion ops. Kw plus on each band.

Finally results won't be out for a while but claimed score is just at 100k above the previous overall rover record for the contest. 220k record and claimed score 320k. - ACØRA

Kudos! - Ed.





Upcoming Contests:

California QSO Party 1600Z, Oct 6 to 2200Z, Oct 7 - A great domestic contest. Lots of activity

Stew Perry Topband Challenge 1500Z, Oct 20 to 1500Z, Oct 21

CQ Worldwide DX Contest, SSB 0000Z, Oct 27 to 2400Z, Oct 28

ARRL Sweepstakes Contest, CW 2100Z, Nov 3 to 0300Z, Nov 5

ARRL Sweepstakes Contest, SSB 2100Z, Nov 17 to 0300Z, Nov 19

CQ Worldwide DX Contest, CW 0000Z, Nov 24 to 2400Z, Nov 25

ARRL 10-Meter Contest 0000Z, Dec 8 to 2359Z, Dec 9

RAC Winter Contest 0000Z-2359Z, Dec 29

Stew Perry Topband Challenge 1500Z, Dec 29 to 1500Z, Dec 30

Scores and Soapbox

QRM

A large red rectangular box containing the text "QRU" in white, bold, sans-serif font.

QRU



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